

Transportation Equipment

Table TE.1 Transportation equipment: U.S. general imports by selected trading partners, 2018–22
Value in millions of dollars; share of total imports in percentages.

Import source	2018	2019	2020	2021	2022
Mexico (million \$)	126,318	135,595	110,866	126,798	148,624
Japan (million \$)	72,480	70,141	55,584	60,182	64,370
Canada (million \$)	70,622	71,438	55,047	53,845	62,164
China (million \$)	30,688	25,713	22,607	30,312	40,436
Germany (million \$)	37,562	36,973	28,260	33,093	39,339
South Korea (million \$)	24,165	26,966	25,722	30,316	38,334
United Kingdom (million \$)	18,831	20,319	13,770	15,157	16,332
France (million \$)	14,200	18,433	12,558	12,801	13,030
All other sources (million \$)	63,484	65,106	56,313	64,024	76,377
Total (million \$)	458,350	470,684	380,728	426,527	499,005
Mexico (%)	27.6	28.8	29.1	29.7	29.8
Japan (%)	15.8	14.9	14.6	14.1	12.9
Canada (%)	15.4	15.2	14.5	12.6	12.5
China (%)	6.7	5.5	5.9	7.1	8.1
Germany (%)	8.2	7.9	7.4	7.8	7.9
South Korea (%)	5.3	5.7	6.8	7.1	7.7
United Kingdom (%)	4.1	4.3	3.6	3.6	3.3
France (%)	3.1	3.9	3.3	3.0	2.6
All other sources (%)	13.9	13.8	14.8	15.0	15.3
Total (%)	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 TE.2 Transportation equipment: U.S. domestic exports by selected trading partners and re-exports, 2018–22

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

Destination market	2018	2019	2020	2021	2022
Canada (million \$)	72,491	72,455	54,760	61,089	71,433
Mexico (million \$)	36,735	36,656	27,603	33,233	39,006
Germany (million \$)	15,745	17,421	15,171	16,266	16,525
China (million \$)	29,009	20,357	13,998	14,405	13,857
United Kingdom (million \$)	14,751	12,458	8,690	7,651	9,533
France (million \$)	12,796	12,271	7,083	7,300	8,706
Brazil (million \$)	6,897	7,864	5,485	7,832	8,019
All other destination markets (million \$)	115,394	122,294	84,468	94,695	103,261
Re-exports (million \$)	34,847	38,563	26,778	30,906	36,881
U.S. total exports (million \$)	338,665	340,338	244,036	273,378	307,221
Canada (%)	21.4	21.3	22.4	22.3	23.3
Mexico (%)	10.8	10.8	11.3	12.2	12.7
Germany (%)	4.6	5.1	6.2	6.0	5.4
China (%)	8.6	6.0	5.7	5.3	4.5
United Kingdom (%)	4.4	3.7	3.6	2.8	3.1
France (%)	3.8	3.6	2.9	2.7	2.8
Brazil (%)	2.0	2.3	2.2	2.9	2.6
All other destination markets (%)	34.1	35.9	34.6	34.6	33.6
Re-exports (%)	10.3	11.3	11.0	11.3	12.0
U.S. total exports (%)	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.

Table TE.3 Transportation equipment: Rank of top U.S. general import source, 2018–22

Import source	2018	2019	2020	2021	2022
Mexico	1	1	1	1	1
Japan	2	3	2	2	2
Canada	3	2	3	3	3
China	5	6	6	6	4
Germany	4	4	4	4	5
South Korea	6	5	5	5	6
United Kingdom	7	7	7	7	7
France	8	8	8	8	8
Italy	9	9	9	9	9
Taiwan	12	12	11	10	10
India	11	11	14	12	11

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

Note: Import values are based on U.S. customs value; export values are based on free alongside ship value, U.S. port of export.

Table TE.4 Transportation equipment: Rank of top U.S. domestic export market, 2018–22

Destination market	2018	2019	2020	2021	2022
Canada	1	1	1	1	1
Mexico	2	2	2	2	2
Germany	4	4	3	3	3
China	3	3	4	4	4
United Kingdom	5	6	5	6	5
France	6	5	6	7	6
Brazil	8	8	8	5	7
Australia	10	11	9	9	8
South Korea	12	13	11	11	9
United Arab Emirates	11	12	13	12	10
Singapore	9	9	12	10	11

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

Note: Import values are based on U.S. customs value; export values are based on free alongside ship value, U.S. port of export.

Table TE.5 Transportation equipment: U.S. domestic exports by select trading partners and re-exports, 2018–22

In millions of dollars.

Destination market	2018	2019	2020	2021	2022
Canada	72,491	72,455	54,760	61,089	71,433
Mexico	36,735	36,656	27,603	33,233	39,006
Germany	15,745	17,421	15,171	16,266	16,525
China	29,009	20,357	13,998	14,405	13,857
United Kingdom	14,751	12,458	8,690	7,651	9,533
France	12,796	12,271	7,083	7,300	8,706
Brazil	6,897	7,864	5,485	7,832	8,019
South Korea	6,156	5,561	4,646	5,687	7,469
Australia	7,148	6,825	5,173	6,540	7,372
United Arab Emirates	6,764	6,529	3,641	4,569	6,589
Japan	9,164	11,416	7,069	6,814	6,125
Singapore	6,623	6,541	3,891	5,310	5,485
Belgium	3,171	7,229	5,060	4,363	3,640
Saudi Arabia	4,092	4,679	3,819	3,410	3,436
India	4,080	3,593	2,563	2,273	3,390
All other destination markets	68,197	69,921	48,606	55,729	59,754
U.S. domestic exports to all destination markets	303,818	301,775	217,258	242,472	270,339
Re-exports	34,847	38,563	26,778	30,906	36,881
U.S. total exports	338,665	340,338	244,036	273,378	307,221

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 TE.6 Transportation equipment: Dollar changes in U.S. domestic exports by select trading partners and re-exports, 2018–22

In millions of dollars.

Destination market	2018–19	2019–20	2020–21	2021–22	2018–22
Canada	-36	-17,695	6,330	10,343	-1,058
Mexico	-80	-9,052	5,629	5,773	2,271
Germany	1,676	-2,249	1,095	258	780
China	-8,651	-6,359	407	-548	-15,151
United Kingdom	-2,294	-3,768	-1,039	1,882	-5,218
France	-525	-5,188	217	1,406	-4,090
Brazil	967	-2,379	2,347	187	1,122
South Korea	-595	-915	1,041	1,783	1,313
Australia	-323	-1,652	1,367	832	223
United Arab Emirates	-235	-2,888	928	2,021	-174
Japan	2,253	-4,348	-255	-689	-3,039
Singapore	-83	-2,650	1,419	175	-1,139
Belgium	4,058	-2,169	-697	-723	469
Saudi Arabia	587	-860	-409	26	-655
India	-487	-1,030	-290	1,117	-690
All other destination markets	1,724	-21,315	7,123	4,025	-8,443
U.S. domestic exports to all destination markets	-2,043	-84,517	25,213	27,868	-33,479
Re-exports	3,715	-11,785	4,128	5,975	2,034
U.S. total exports	1,672	-96,302	29,341	33,843	-31,445

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 TE.7 Transportation equipment: Percent changes in U.S. domestic exports by select trading partners and re-exports, 2018–22

In percentages.

Destination market	2018–19	2019–20	2020–21	2021–22	2018–22
Canada	0.0	-24.4	11.6	16.9	-1.5
Mexico	-0.2	-24.7	20.4	17.4	6.2
Germany	10.6	-12.9	7.2	1.6	5.0
China	-29.8	-31.2	2.9	-3.8	-52.2
United Kingdom	-15.5	-30.2	-12.0	24.6	-35.4
France	-4.1	-42.3	3.1	19.3	-32.0
Brazil	14.0	-30.3	42.8	2.4	16.3
South Korea	-9.7	-16.5	22.4	31.4	21.3
Australia	-4.5	-24.2	26.4	12.7	3.1
United Arab Emirates	-3.5	-44.2	25.5	44.2	-2.6
Japan	24.6	-38.1	-3.6	-10.1	-33.2
Singapore	-1.2	-40.5	36.5	3.3	-17.2
Belgium	128.0	-30.0	-13.8	-16.6	14.8
Saudi Arabia	14.4	-18.4	-10.7	0.8	-16.0
India	-11.9	-28.7	-11.3	49.1	-16.9
All other destination markets	2.5	-30.5	14.7	7.2	-12.4
U.S. domestic exports to all destination markets	-0.7	-28.0	11.6	11.5	-11.0
Re-exports	10.7	-30.6	15.4	19.3	5.8
U.S. total exports	0.5	-28.3	12.0	12.4	-9.3

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 TE.8 Transportation equipment: Top 10 U.S. domestic export markets, 2018–22

Rank	2018	2019	2020	2021	2022
1	Canada	Canada	Canada	Canada	Canada
2	Mexico	Mexico	Mexico	Mexico	Mexico
3	China	China	Germany	Germany	Germany
4	Germany	Germany	China	China	China
5	United Kingdom	United Kingdom	United Kingdom	Brazil	United Kingdom
6	France	France	France	United Kingdom	France
7	Japan	Japan	Japan	France	Brazil
8	Australia	Brazil	Brazil	Japan	South Korea
9	Brazil	Belgium	Australia	Australia	Australia
10	United Arab Emirates	Australia	Belgium	South Korea	United Arab Emirates

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

Table TE.9 Transportation equipment: Changes in rank of the top 10 U.S. domestic export markets, 2018–22

Each numeral = the number of positions gained or lost in rank.

Destination market	2018–19	2019–20	2020–21	2021–22	2018–22
Canada	0	0	0	0	0
Mexico	0	0	0	0	0
Germany	0	1	0	0	1
China	0	-1	0	0	-1
United Kingdom	0	0	-1	1	0
France	0	0	-1	1	0
Brazil	1	0	3	-2	2
South Korea	-1	2	1	2	4
Australia	-2	1	0	0	-1
United Arab Emirates	-2	-2	2	2	0

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

Shifts in U.S. Merchandise Trade, 2022

Table TE.10 Transportation equipment: Leading changes in U.S. domestic exports, 2018–22
In millions of dollars and percentages.

Product group (digest)	2018 (million \$)	2019 (million \$)	2020 (million \$)	2021 (million \$)	2022 (million \$)	Absolute	Percentage
						change, 2021–22 (million \$)	change 2021–22 (%)
Aircraft, spacecraft, and related equipment	123,985	118,258	69,587	75,735	87,007	11,271	14.9
Motor vehicles	67,238	74,314	60,648	70,704	75,285	4,582	6.5
Certain motor-vehicle parts	40,802	38,236	29,586	31,729	35,468	3,739	11.8
Internal combustion piston engines, other than for aircraft	21,076	20,675	17,371	18,858	20,786	1,928	10.2
Trailers, semitrailers, and parts	3,665	3,241	2,353	3,711	4,909	1,198	32.3
Construction and mining equipment	13,735	14,241	10,683	11,878	12,984	1,106	9.3
Aircraft engines and gas turbines	8,496	8,785	7,735	8,308	9,340	1,033	12.4
Primary cells and batteries and electric storage batteries	4,570	4,678	4,137	4,180	4,918	738	17.7
Rail locomotive and rolling stock	3,132	2,859	2,453	2,398	3,113	715	29.8
Motors and engines, except internal combustion, aircraft, or electric	2,465	2,419	1,907	2,369	2,815	446	18.8
Ignition, starting, lighting, and other electrical equipment	3,685	3,752	2,919	2,881	3,292	411	14.3
Ball and roller bearings	2,858	2,750	2,278	2,508	2,915	407	16.2
Forklift trucks and similar industrial vehicles	2,821	2,682	1,983	2,485	2,742	257	10.3
Ships, tugs, pleasure boats, and similar vessels	2,513	2,290	1,766	2,193	2,311	118	5.4
Powersport vehicles	2,778	2,595	1,852	2,534	2,454	-80	-3.2
All product groups	291,650	303,818	301,413	216,263	241,463	25,200	11.7

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 concoded 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.

Table TE.11 Transportation equipment: U.S. general imports by select trading partners, 2018–22

In millions of dollars.

Import source	2018	2019	2020	2021	2022
Mexico	126,318	135,595	110,866	126,798	148,624
Japan	72,480	70,141	55,584	60,182	64,370
Canada	70,622	71,438	55,047	53,845	62,164
China	30,688	25,713	22,607	30,312	40,436
Germany	37,562	36,973	28,260	33,093	39,339
South Korea	24,165	26,966	25,722	30,316	38,334
United Kingdom	18,831	20,319	13,770	15,157	16,332
France	14,200	18,433	12,558	12,801	13,030
Italy	11,260	9,983	8,260	8,742	9,795
Taiwan	3,735	4,042	3,878	4,702	5,626
India	3,910	4,116	3,275	4,241	5,229
Sweden	3,179	3,945	3,673	4,543	5,087
Slovakia	3,180	4,038	4,013	3,881	4,945
Brazil	4,513	5,036	3,460	3,634	4,274
Austria	3,262	3,705	3,222	4,110	4,086
All other sources	30,446	30,240	26,532	30,171	37,335
Total	458,350	470,684	380,728	426,527	499,005

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

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

Table TE.12 Transportation equipment: 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
Mexico	9,277	-24,730	15,932	21,827	22,306
Japan	-2,339	-14,557	4,598	4,188	-8,110
Canada	816	-16,391	-1,202	8,319	-8,458
China	-4,975	-3,105	7,704	10,124	9,748
Germany	-589	-8,713	4,833	6,246	1,777
South Korea	2,801	-1,244	4,594	8,018	14,168
United Kingdom	1,488	-6,549	1,387	1,174	-2,499
France	4,232	-5,874	243	228	-1,171
Italy	-1,277	-1,723	481	1,053	-1,465
Taiwan	307	-164	824	924	1,891
India	206	-841	966	988	1,319
Sweden	767	-273	871	543	1,908
Slovakia	858	-25	-132	1,064	1,765
Brazil	523	-1,576	175	639	-239
Austria	443	-484	888	-24	825
All other sources	-206	-3,708	3,639	7,164	6,889
Total	12,334	-89,957	45,800	72,477	40,655

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

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

Table TE.13 Percent 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
Mexico	7.3	-18.2	14.4	17.2	17.7
Japan	-3.2	-20.8	8.3	7.0	-11.2
Canada	1.2	-22.9	-2.2	15.5	-12.0
China	-16.2	-12.1	34.1	33.4	31.8
Germany	-1.6	-23.6	17.1	18.9	4.7
South Korea	11.6	-4.6	17.9	26.4	58.6
United Kingdom	7.9	-32.2	10.1	7.7	-13.3
France	29.8	-31.9	1.9	1.8	-8.2
Italy	-11.3	-17.3	5.8	12.0	-13.0
Taiwan	8.2	-4.1	21.2	19.7	50.6
India	5.3	-20.4	29.5	23.3	33.7
Sweden	24.1	-6.9	23.7	12.0	60.0
Slovakia	27.0	-0.6	-3.3	27.4	55.5
Brazil	11.6	-31.3	5.0	17.6	-5.3
Austria	13.6	-13.1	27.6	-0.6	25.3
All other sources	-0.7	-12.3	13.7	23.7	22.6
Total	2.7	-19.1	12.0	17.0	8.9

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

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

Table TE.14 Transportation equipment: Top 10 U.S. general import sources, 2018–22

Rank	2018	2019	2020	2021	2022
1	Mexico	Mexico	Mexico	Mexico	Mexico
2	Japan	Canada	Japan	Japan	Japan
3	Canada	Japan	Canada	Canada	Canada
4	Germany	Germany	Germany	Germany	China
5	China	South Korea	South Korea	South Korea	Germany
6	South Korea	China	China	China	South Korea
7	United Kingdom	United Kingdom	United Kingdom	United Kingdom	United Kingdom
8	France	France	France	France	France
9	Italy	Italy	Italy	Italy	Italy
10	Brazil	Brazil	Slovakia	Taiwan	Taiwan

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

Table TE.15 Transportation equipment: Changes in rank of the top 10 U.S. general import sources, 2018–22

Each numeral = the number of positions gained or lost in rank.

Import source	2018–19	2019–20	2020–21	2021–22	2018–22
Mexico	0	0	0	0	0
Japan	-1	1	0	0	0
Canada	1	-1	0	0	0
China	-1	0	0	2	1
Germany	0	0	0	-1	-1
South Korea	1	0	0	-1	0
United Kingdom	0	0	0	0	0
France	0	0	0	0	0
Italy	0	0	0	0	0
Taiwan	0	1	1	0	2

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

Table TE.16 Transportation equipment: Leading changes in U.S. general imports, 2018–22

In millions of dollars and percentages.

Product group (digest)	2018 (million \$)	2019 (million \$)	2020 (million \$)	2021 (million \$)	2022 (million \$)	Absolute	Percentage
						change, 2021–22 (million \$)	change 2021–22 (%)
Motor vehicles	210,899	216,884	172,804	181,116	207,225	26,109	14.4
Certain motor vehicle parts	90,294	88,575	75,518	92,014	105,710	13,696	14.9
Primary cells and batteries and electric storage batteries	9,046	9,122	10,420	15,963	24,667	8,704	54.5
Construction and mining equipment	18,180	19,344	13,891	18,080	24,007	5,927	32.8
Aircraft engines and gas turbines	26,314	30,913	19,928	19,813	23,884	4,071	20.5
Internal combustion piston engines, other than for aircraft	31,432	30,311	24,995	30,285	33,365	3,080	10.2
Powersport vehicles	6,068	5,977	6,195	8,135	10,365	2,230	27.4
Trailers, semitrailers, and parts	4,207	4,037	3,368	4,796	6,539	1,743	36.3
Forklift trucks and similar industrial vehicles	4,675	4,555	3,246	4,737	6,391	1,654	34.9
Aircraft, spacecraft, and related equipment	32,501	35,944	28,367	25,510	27,098	1,588	6.2
Ships, tugs, pleasure boats, and similar vessels	2,250	2,314	2,273	3,188	4,198	1,010	31.7
Ignition, starting, lighting, and other electrical equipment	10,645	10,291	8,983	10,685	11,596	911	8.5
Rail locomotive and rolling stock	2,125	2,031	1,419	2,019	2,900	881	43.6
Ball and roller bearings	4,331	4,187	3,271	4,169	4,687	519	12.4
Motors and engines, except internal combustion, aircraft, or electric	5,383	6,197	6,049	6,016	6,371	355	5.9
Total	458,350	470,684	380,728	426,527	499,005	72,477	17.0

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

Notes: Import values are based on U.S. customs value. Calculations 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.