



Department of
Development



Ohio Export Report

Office of Research
A State Affiliate of the
U.S. Census Bureau

2023



Ohio Exports 2023

Executive Summary

Ohio merchandise exports were valued at \$55.8 billion in 2023, a decrease of 1.8 percent from 2022. By comparison, the United States experienced a decrease of 2.2 percent in exports since 2022.

According to this report, in 2023:

- Ohio was the 10th largest exporting state.
- 210 countries and territories received exports from Ohio.
- 10 countries received more than \$1 billion in Ohio exports.
- 43 of the 98 commodity groups recorded exports exceeding \$100 million with 15 surpassing \$1 billion.

Leading Destinations:

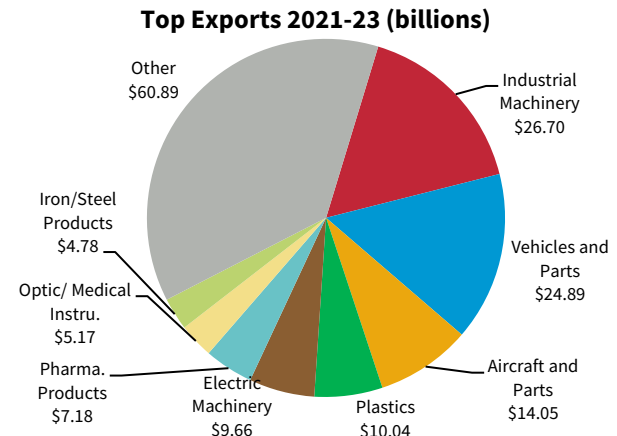
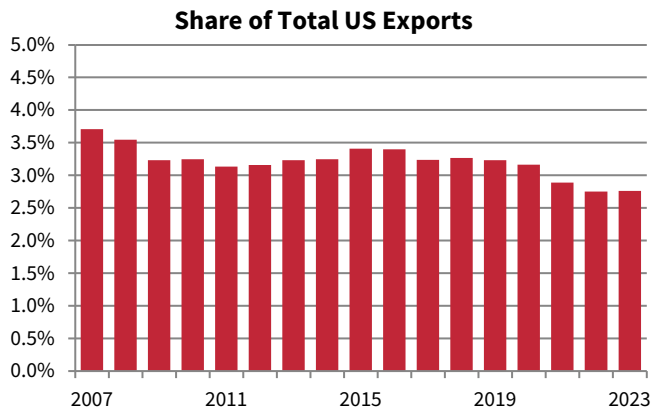
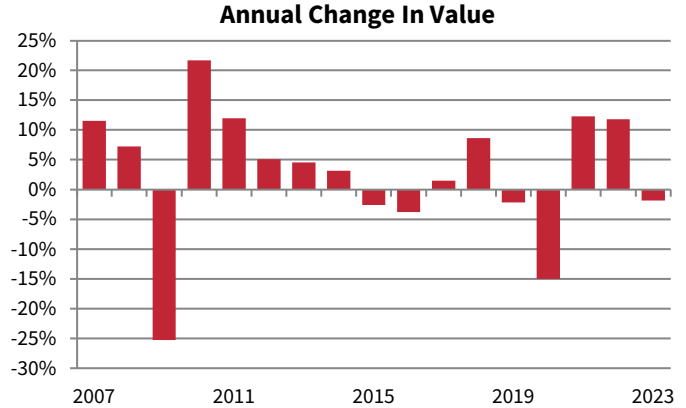
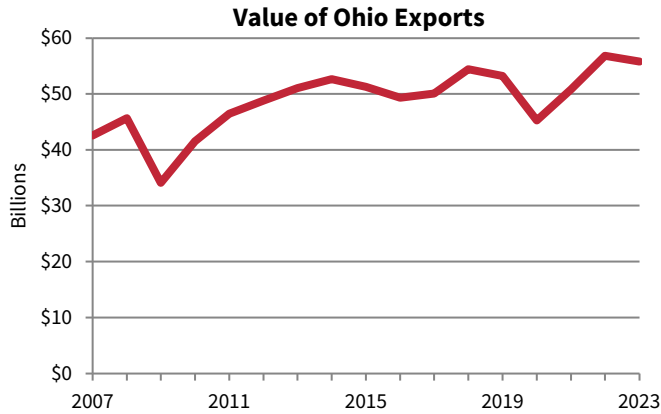
- Exports to Canada totaled \$21.4 billion, 38.4 percent of the state figure. By comparison, U.S. exports to Canada made up 17.5 percent of the national total.
- Shipments to Mexico, Ohio's second largest market, totaled \$8.3 billion. This figure is an increase of 12.8 percent from 2022.
- Asian countries were recipients of 12.1 percent of Ohio's shipments. China was Ohio's third largest market at \$2.8 billion, a decrease of 5.2 percent. Japan was Ohio's fourth largest market in 2023 at \$2.1 billion.
- European countries accounted for 14.8 percent of Ohio's exports. The four largest European markets were United Kingdom (\$1.9 billion), Germany (\$1.4 billion), France (\$1.2 billion), and the Netherlands (\$1.0 billion). Total shipments to Europe decreased 9.1 percent from 2022.
- Exports to Southeast Asia accounted for 6.7 percent (\$3.7 billion) of the state figure, an increase of 14.4 percent. Exports to the Middle East and Africa both saw a large annual decrease of 14.2 percent and 47.3 percent, respectively.

Top Products:

- Industrial machinery was Ohio's leading export (\$9.6 billion). Ohio was 5th among the 50 states in this category with 4.1 percent of the U.S. total.
- The top six categories (industrial machinery, vehicles, aircraft, electrical machinery, plastics, and optic/photo/medical instruments) accounted for 57.3 percent (\$32.0 billion) of the state total.
- Ohio leads the nation in exports of soaps/cleaning preparations/waxes (17.3 percent of U.S. total) as well as paints/dyes/putty (9.3 percent of U.S. total).
- Exports of cosmetics/essential oils increased 15.4 percent for the year. Ohio ranked 2nd in cosmetics exports with 11.2 percent of the U.S. total. Pharmaceutical exports dropped 59.9 percent from all-time highs. Exports of oil seeds (soybeans) continued to decline in 2023 falling 50 percent.

Ohio Exports

In Current Dollars



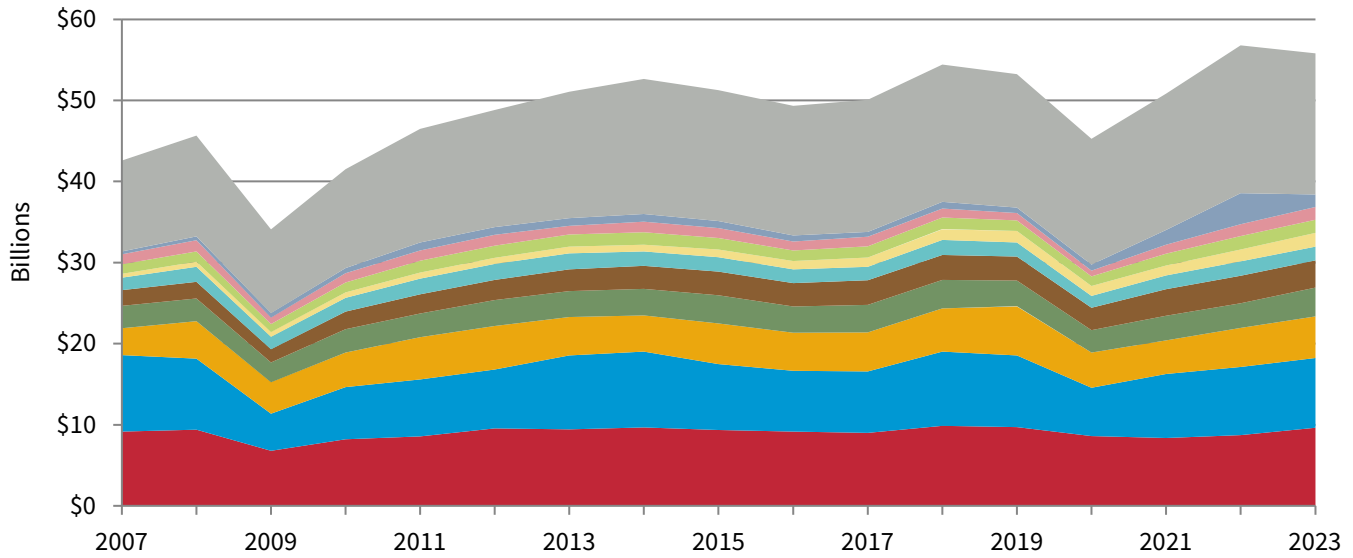
Ohio's Top 20 Exported Commodities: 2023

Harmonized Schedule Code

	2021	2022	2023	% Chng. 22 to 23
Total All Commodities	\$50,801,303,222	\$56,804,312,400	\$55,764,434,469	-1.8%
84 Industrial Machinery, Including Computers	\$8,349,493,510	\$8,734,406,241	\$9,615,240,667	10.1%
87 Vehicles and Parts	\$7,892,828,440	\$8,393,161,684	\$8,601,584,335	2.5%
88 Aircraft and Parts	\$4,138,491,654	\$4,788,726,669	\$5,125,767,112	7.0%
85 Electric Machinery; Sound Equip.; TV Equip.	\$3,052,627,423	\$3,057,233,801	\$3,548,997,018	16.1%
39 Plastics and Articles Thereof	\$3,272,767,759	\$3,411,589,085	\$3,358,719,365	-1.5%
90 Optic / Photo / Medical Instruments	\$1,696,408,987	\$1,757,774,049	\$1,715,537,233	-2.4%
33 Cosmetics, Perfumery, Essential Oils, etc	\$1,206,516,643	\$1,453,490,514	\$1,677,810,851	15.4%
73 Iron and Steel Products	\$1,478,624,897	\$1,659,455,289	\$1,644,832,423	-0.9%
72 Iron and Steel	\$1,087,714,821	\$1,476,023,067	\$1,567,978,219	6.2%
30 Pharmaceutical Products	\$1,839,687,581	\$3,815,226,125	\$1,528,648,530	-59.9%
34 Soap, Waxes, Lubricating Preparations, etc	\$1,153,111,679	\$1,334,118,979	\$1,388,281,895	4.1%
27 Mineral Fuel, Oil, etc	\$642,481,046	\$1,827,671,511	\$1,224,992,206	-33.0%
38 Miscellaneous Chemical Products	\$1,148,803,995	\$1,230,514,029	\$1,143,282,939	-7.1%
40 Rubber and Articles Thereof	\$898,149,369	\$1,071,518,048	\$1,035,878,471	-3.3%
32 Tanning, Dye, Paint, Putty	\$658,519,720	\$729,416,080	\$745,498,040	2.2%
12 Oil Seed, Miscellaneous Grain	\$2,207,956,042	\$1,342,966,163	\$672,498,017	-49.9%
70 Glass and Glassware	\$490,820,211	\$563,714,780	\$616,930,678	9.4%
76 Aluminum and Articles Thereof	\$527,415,197	\$612,405,254	\$590,317,735	-3.6%
29 Organic Chemicals	\$669,809,828	\$775,187,070	\$589,026,750	-24.0%
48 Paper, Paperboard, Articles of Paper Pulp	\$533,867,794	\$571,191,073	\$588,193,443	3.0%
Multi Remaining commodities	\$7,855,206,626	\$8,198,522,889	\$8,784,418,542	7.1%

Ohio Exports

Exported Products Over \$1.5 Billion Value: 2023



Harmonized Schedule Code		2023 Value	% of All Exports
84	Industrial Machinery, Incl. Computers	\$9,615,240,667	17.2%
87	Vehicles and Parts	\$8,601,584,335	15.4%
88	Aircraft and Parts	\$5,125,767,112	9.2%
85	Electric Machinery; Sound/TV Equip.	\$3,548,997,018	6.4%
39	Plastics and Articles Thereof	\$3,358,719,365	6.0%
90	Optic / Photo / Medical Instruments	\$1,715,537,233	3.1%
33	Cosmetics, Perfumery, Essential Oils, etc	\$1,677,810,851	3.0%
73	Iron and Steel Products	\$1,644,832,423	2.9%
72	Iron and Steel	\$1,567,978,219	2.8%
30	Pharmaceutical Products	\$1,528,648,530	2.7%
Multi	Remaining commodities	\$17,379,318,716	31.2%

Top 10 Trading Partners - 2023

	2023 Value	Pct of 2023 Total
Total	\$55,764,434,469	
Canada	\$21,404,891,932	38.4%
Mexico	\$8,272,590,901	14.8%
China	\$2,766,487,371	5.0%
Japan	\$2,085,452,919	3.7%
Brazil	\$2,043,304,054	3.7%
United Kingdom	\$1,894,747,688	3.4%
Germany	\$1,386,848,929	2.5%
France	\$1,171,108,136	2.1%
Korea	\$1,052,544,163	1.9%
Netherlands	\$1,007,228,940	1.8%
Others	\$12,679,229,436	22.7%

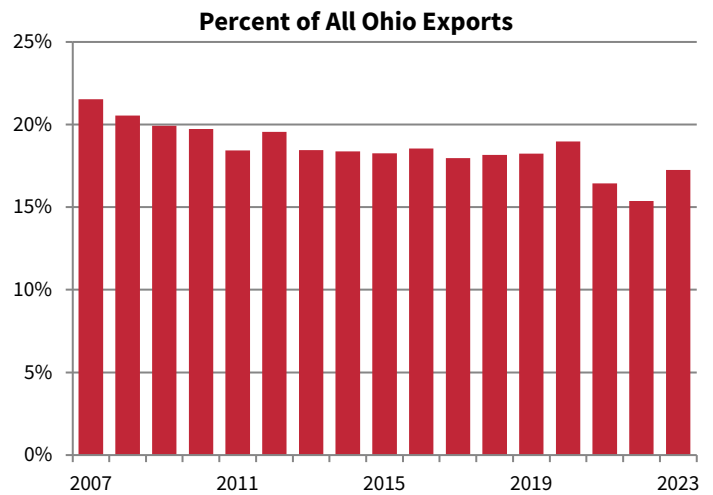
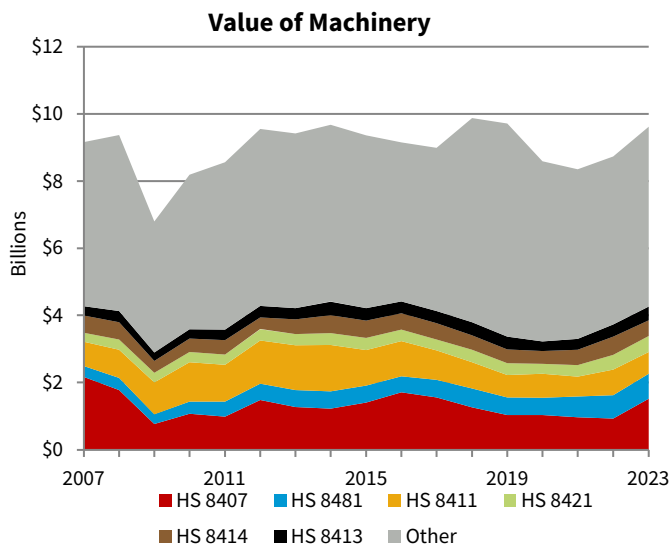
Top 10 Trading Partners - 2021 to 2023

	2021 to 2023 Value	Pct of 3-yr Total
Total	\$163,370,050,091	
Canada	\$59,959,290,217	36.7%
Mexico	\$21,946,644,826	13.4%
China	\$9,431,339,015	5.8%
Japan	\$6,998,198,121	4.3%
Brazil	\$6,030,119,180	3.7%
United Kingdom	\$4,972,311,115	3.0%
Germany	\$4,180,422,251	2.6%
Netherlands	\$3,873,297,349	2.4%
France	\$3,504,733,640	2.1%
Korea	\$3,300,604,437	2.0%
Others	\$39,173,089,940	24.0%

Machinery, Including Computers (HS 84) Exports

Harmonized Tariff Schedule		2021	2022	2023	% Chng. 22 to 23
TOTAL		\$8,349,493,510	\$8,734,406,241	\$9,615,240,667	10.1%
8407	Spark Ignition; Piston Engines	\$965,405,559	\$926,500,349	\$1,516,650,262	63.7%
8481	Taps, Cocks, Valves for Pipes, Tanks	\$617,424,990	\$697,751,054	\$741,533,187	6.3%
8411	Turbojets and Other Gas Turbines, Parts	\$595,612,525	\$756,865,697	\$649,830,318	-14.1%
8421	Centrifuges/Filters for Liquid or Gases	\$341,310,995	\$437,115,479	\$475,228,072	8.7%
8414	Air Related Pumps/Compressors	\$454,324,628	\$549,972,729	\$464,564,901	-15.5%
8413	Liquid Pumps/Elevators	\$327,329,672	\$356,022,823	\$409,186,046	14.9%
8408	Compression-Ignition Internal Comb. Piston Engine	\$61,358,449	\$292,044,685	\$320,090,029	9.6%
8479	Machines Having Individual Functions Nesoi	\$199,934,614	\$232,015,159	\$303,233,220	30.7%
8483	Transmission Products	\$234,346,628	\$259,724,268	\$282,528,483	8.8%
8409	Parts for Engines of Heading 8407 or 8408	\$240,865,017	\$225,109,111	\$280,479,546	24.6%
8419	Machinery for Temperature Changing	\$254,700,879	\$260,963,112	\$258,767,658	-0.8%
8427	Fork-Lift Trucks/Trucks with Lifts	\$157,642,837	\$197,019,555	\$246,418,163	25.1%
8466	Parts for Machine Tools of Head 8456 to 8465	\$178,773,042	\$221,578,541	\$236,207,060	6.6%
8482	Ball or Roller Bearings	\$183,786,056	\$237,233,063	\$231,252,445	-2.5%
8477	Machinery for Working Rubber & Plastic Nesoi	\$142,234,865	\$138,931,433	\$219,457,449	58.0%
8431	Parts for Machinery of Headings 8425 to 8430	\$221,921,681	\$185,433,000	\$208,449,561	12.4%
8471	Automatic Data Process Machines	\$768,113,920	\$201,690,365	\$203,299,452	0.8%
8450	Washing Machines	\$181,489,024	\$205,941,374	\$196,444,695	-4.6%
8415	Air Conditioning Machines	\$141,520,381	\$164,371,203	\$182,324,688	10.9%
Multi	Remaining commodities	\$2,081,397,748	\$2,188,123,241	\$2,189,295,432	0.1%

Nesoi - Not elsewhere specified or indicated



Top 5 Trading Partners - 2023

	2023 Value	Pct of Total
Total	\$9,615,240,667	
Canada	\$3,995,081,420	41.5%
Mexico	\$1,561,445,445	16.2%
China	\$452,886,363	4.7%
Japan	\$266,883,851	2.8%
Germany	\$253,266,630	2.6%
Others	\$3,085,676,958	32.1%

Top 5 Trading Partners - 2021 to 2023

	2021 to 2023 Value	Pct of 3-yr Total
Total	\$26,699,140,418	
Canada	\$10,690,492,436	40.0%
Mexico	\$4,197,998,332	15.7%
China	\$1,278,865,454	4.8%
Japan	\$749,223,595	2.8%
Germany	\$742,932,072	2.8%
Others	\$9,039,628,529	33.9%

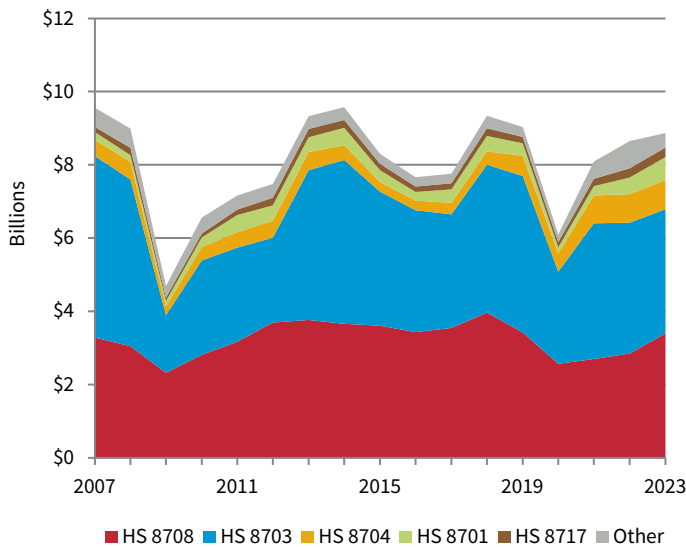
Vehicles and Parts (HS 87) Exports

Harmonized Tariff
Schedule

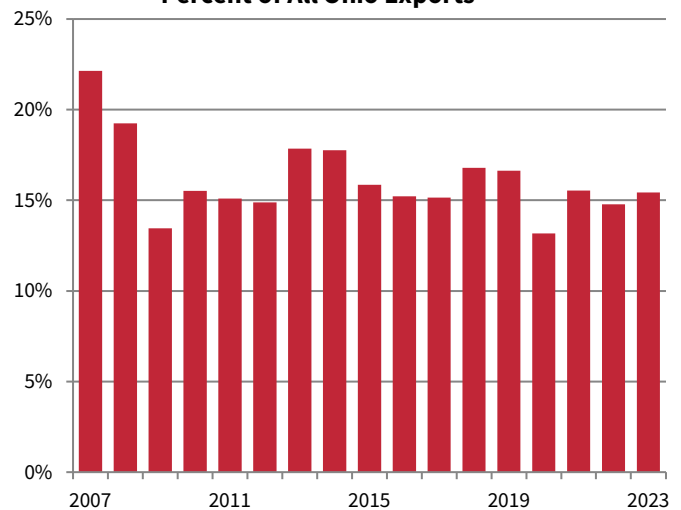
		2021	2022	2023	% Chng. 22 to 23
TOTAL		\$7,892,828,440	\$8,393,161,684	\$8,601,584,335	2.5%
8708	Parts & Accessories for Headings 8701-8705	\$2,696,748,191	\$2,846,751,197	\$3,397,103,478	19.3%
8703	Passenger Cars & Vehicles	\$3,699,154,611	\$3,567,085,904	\$3,389,801,546	-5.0%
8704	Motor Vehicles for Transport of Goods	\$766,659,816	\$783,973,624	\$795,552,383	1.5%
8701	Tractors	\$253,084,810	\$452,233,498	\$625,122,034	38.2%
8716	Trailers; Non-Mechanical	\$196,787,334	\$256,557,798	\$260,455,911	1.5%
8710	Tank & Other Armored Fight Vehicles	\$210,994,151	\$401,006,162	\$51,053,541	-87.3%
8714	Parts & Accessories for Motorcycles	\$19,137,431	\$29,696,573	\$32,330,991	8.9%
8705	Special Purpose Motor Vehicles Nesoi	\$21,417,339	\$18,390,067	\$17,916,751	-2.6%
8707	Bodies for Motor Vehicles: 8701-8705	\$12,405,620	\$13,493,693	\$9,323,793	-30.9%
8711	Motorcycles	\$7,893,572	\$7,991,779	\$8,025,681	0.4%
8709	Various Work-Related Vehicles	\$3,225,078	\$4,400,241	\$5,612,173	27.5%
8702	Transport Vehicles for > Ten Persons	\$1,406,057	\$3,809,604	\$4,087,537	7.3%
8713	Carriages for Disabled Persons	\$2,030,087	\$4,319,858	\$2,281,141	-47.2%
8712	Bicycles & Other Cycles with No Motor	\$335,782	\$1,806,709	\$1,427,337	-21.0%
8706	Chassis with Engine	\$135,750	\$180,181	\$853,866	373.9%
8715	Baby Carriages/Strollers	\$1,412,811	\$1,464,796	\$636,172	-56.6%

Nesoi - Not elsewhere specified or indicated

Value of Vehicles and Parts



Percent of All Ohio Exports



Top 5 Trading Partners - 2023

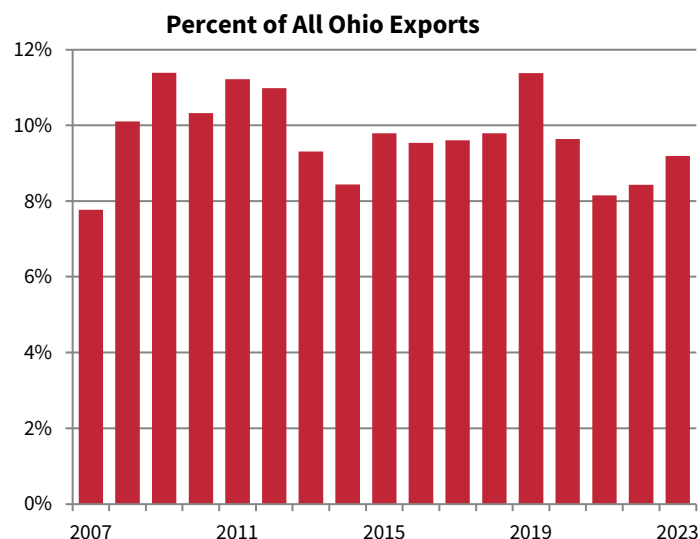
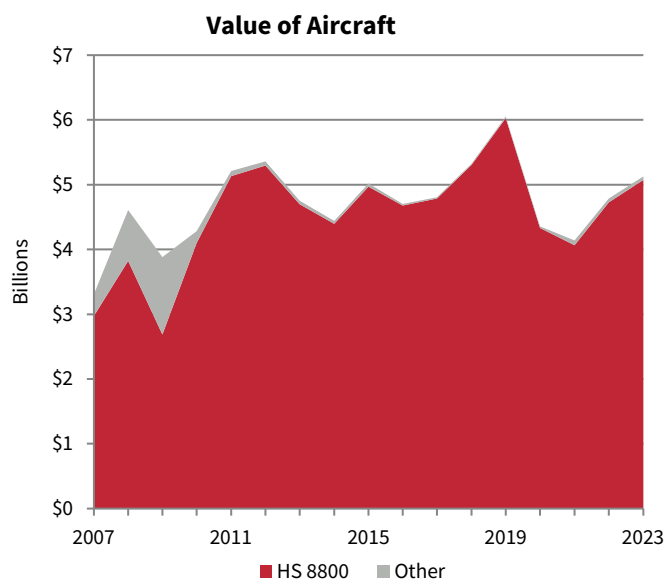
	2023 Value	Pct of Total
Total	\$8,601,584,335	
Canada	\$4,788,282,764	55.7%
Mexico	\$1,765,623,090	20.5%
Japan	\$329,230,867	3.8%
Australia	\$196,041,040	2.3%
Saudi Arabia	\$185,648,371	2.2%
Others	\$1,336,758,203	15.5%

Top 5 Trading Partners - 2021 to 2023

	2021 to 2023 Value	Pct of 3-yr Total
Total	\$24,887,574,459	
Canada	\$12,412,976,007	49.9%
Mexico	\$4,647,063,001	18.7%
Japan	\$927,975,766	3.7%
Saudi Arabia	\$784,444,850	3.2%
Kuwait	\$769,658,978	3.1%
Others	\$5,345,455,857	21.5%

Aircraft; Spacecraft & Parts (HS 88) Exports

Harmonized Tariff Schedule		2021	2022	2023	% Chng. 22 to 23
TOTAL		\$4,138,491,654	\$4,788,726,669	\$5,125,767,112	7.0%
8800	Civilian Aircraft, Engines, and Parts	\$4,067,583,003	\$4,728,348,653	\$5,072,986,833	7.3%
8807	Parts of Goods: Heading 8801, 8802, 8806	\$0	\$59,587,504	\$48,203,045	-19.1%
8805	Aircraft Launch Gear; Deck-Arrestor Gear	\$17,380	\$400,222	\$4,082,892	920.2%
8806	Unmanned Aircraft	\$0	\$23,180	\$253,542	993.8%
8804	Parachutes	\$18,738	\$144,156	\$240,800	67.0%
8801	Balloons/Dirigibles; Gliders	\$0	\$222,954	\$0	-100.0%
8803	Parts of Balloons, Aircraft, Spacecraft	\$70,872,533	\$0	\$0	n.a.



Top 5 Trading Partners - 2023

	2023 Value	Pct of Total
Total	\$5,125,767,112	
Brazil	\$1,258,066,430	24.5%
Canada	\$680,782,542	13.3%
United Kingdom	\$435,455,719	8.5%
France	\$415,289,735	8.1%
Mexico	\$352,535,987	6.9%
Others	\$1,983,636,699	38.7%

Top 5 Trading Partners - 2021 to 2023

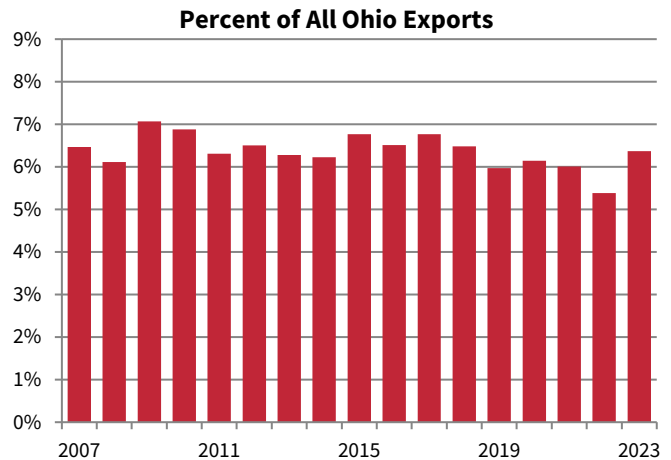
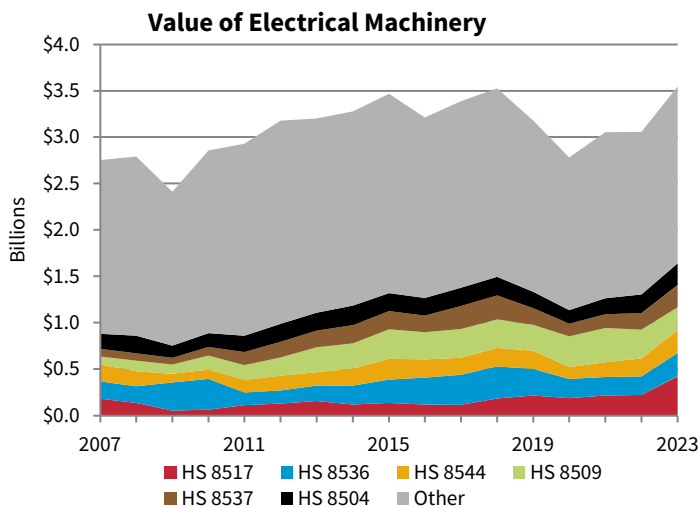
	2021 to 2023 Value	Pct of 3-yr Total
Total	\$14,052,985,435	
Brazil	\$3,691,324,977	26.3%
Canada	\$2,118,995,641	15.1%
United Kingdom	\$1,218,345,510	8.7%
France	\$1,122,201,940	8.0%
China	\$951,782,645	6.8%
Others	\$4,950,334,722	35.2%

Electrical Machinery (HS 85) Exports

Harmonized Tariff
Schedule

		2021	2022	2023	% Chng. 22 to 23
	TOTAL	\$3,052,627,423	\$3,057,233,801	\$3,548,997,018	16.1%
8517	Apparatus for Telephony (wired or wireless)	\$213,909,956	\$219,527,282	\$423,817,032	93.1%
8536	Apparatus for Switching (fuses,relays,plugs)	\$200,441,126	\$200,579,973	\$250,331,409	24.8%
8544	Insulated Wire, Cable, Optical Fiber Cables	\$157,037,475	\$195,490,535	\$247,875,704	26.8%
8509	Electro-Mechanical Domestic Appliances	\$369,241,744	\$309,183,954	\$244,674,484	-20.9%
8537	Boards, Panels, Consoles, Electrical Switches	\$150,527,373	\$178,363,510	\$237,271,129	33.0%
8504	Electrical Transformers, Converters, Inductors	\$173,077,441	\$200,397,435	\$235,383,573	17.5%
8507	Electric Storage Batteries, Including Separators	\$88,102,430	\$77,704,163	\$192,180,688	147.3%
8512	Light Equip./Wipers/Defrosters for Vehicles	\$116,604,369	\$101,292,952	\$157,057,052	55.1%
8515	Electric, Laser or Other Light or Photon Beam	\$105,168,563	\$110,024,015	\$146,198,750	32.9%
8526	Radar Appar./Radio Navig. Aid/Remote Control	\$140,717,662	\$222,828,545	\$130,956,499	-41.2%
8543	Elec. machines with Individual Functions Nesoi	\$120,274,945	\$145,768,237	\$124,581,121	-14.5%
8501	Electric Motors And Generators	\$119,748,173	\$113,416,318	\$115,800,702	2.1%
8538	Parts for Headings 8535, 8536 & 8537	\$58,532,154	\$78,018,612	\$100,647,536	29.0%
8511	Electric Ignition Equipment	\$85,848,061	\$91,231,771	\$96,664,953	6.0%
8516	Elec. Water, Space & Soil Heaters; Etc.	\$63,254,766	\$65,084,981	\$82,629,052	27.0%
8529	Parts for Television, Radio, Radar Apparatus	\$178,329,803	\$94,513,016	\$81,334,841	-13.9%
8525	Transceivers, etc; TV Cameras, Digital Cameras	\$27,903,925	\$26,461,296	\$71,902,026	171.7%
8531	Elec. Sound/Visual Signaling Apparatus (alarms)	\$45,996,884	\$50,076,538	\$62,410,808	24.6%
8542	Electronic Integrated Circuits; parts thereof	\$54,768,087	\$65,718,805	\$55,184,759	-16.0%
Multi	Remaining commodities	\$583,142,486	\$511,551,863	\$492,094,900	-3.8%

Nesoi - Not elsewhere specified or indicated



Top 5 Trading Partners - 2023

	2023 Value	Pct of Total
Total	\$3,548,997,018	
Canada	\$1,117,164,849	31.5%
Mexico	\$625,018,077	17.6%
Netherlands	\$234,676,071	6.6%
China	\$157,919,499	4.4%
Japan	\$110,981,778	3.1%
Others	\$1,303,236,744	36.7%

Top 5 Trading Partners - 2021 to 2023

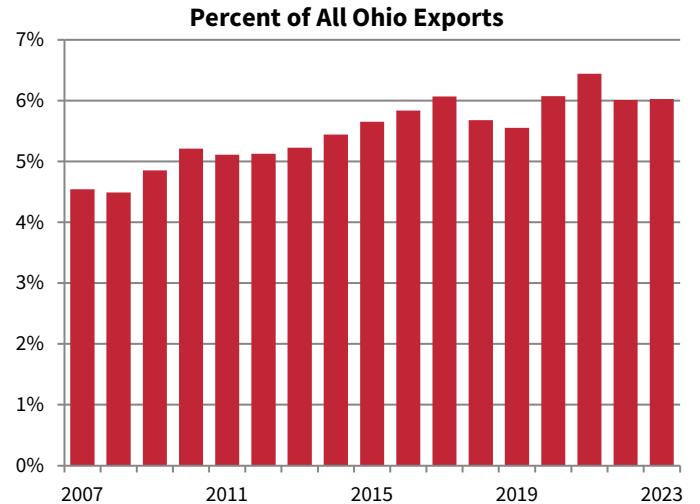
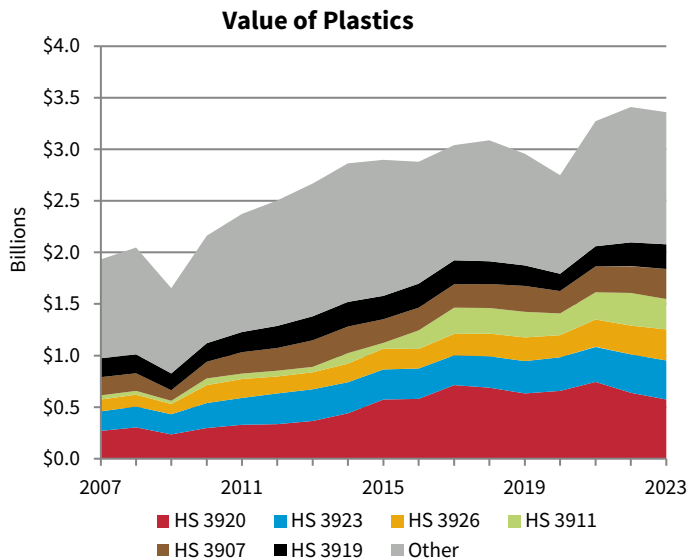
	2021 to 2023 Value	Pct of 3-yr Total
Total	\$9,658,858,242	
Canada	\$2,977,784,330	30.8%
Mexico	\$1,339,148,184	13.9%
Netherlands	\$564,859,905	5.8%
China	\$487,389,311	5.0%
Belgium	\$413,426,615	4.3%
Others	\$3,876,249,897	40.1%

Plastics & Articles Thereof (HS 39) Exports

Harmonized
Tariff Schedule

		2021	2022	2023	% Chng. 22 to 23
TOTAL		\$3,272,767,759	\$3,411,589,085	\$3,358,719,365	-1.5%
3920	Plates, Sheets, Film Not Supported/Combined	\$744,675,730	\$638,452,382	\$574,964,760	-9.9%
3923	Containers (Boxes, Bags Etc), Closures	\$340,426,080	\$373,802,520	\$375,815,440	0.5%
3926	Articles of Plastics (Inc Polymers & Resins) Nesoi	\$265,434,813	\$278,692,667	\$303,213,960	8.8%
3911	Petro Resins, Polysulfides Nesoi in primary form	\$262,830,461	\$316,600,099	\$293,230,354	-7.4%
3907	Polyethers/Expoxides/Polyesters in primary forms	\$252,000,291	\$258,363,468	\$290,447,586	12.4%
3919	Self-Adhesive Plates, Sheets, Film Etc	\$194,361,866	\$231,891,942	\$241,497,278	4.1%
3921	Plates, Sheets, Film, Foil & Strip Nesoi	\$141,159,548	\$181,982,649	\$222,952,385	22.5%
3902	Polymers of Propylene/Olefins in primary form	\$161,681,735	\$168,718,629	\$166,265,222	-1.5%
3909	Amino-Resins/Phenolics/Polyurethanes, primary form	\$102,188,909	\$117,673,010	\$118,276,636	0.5%
3904	Polymers of Vinyl Chloride Etc. in primary form	\$132,905,391	\$122,581,962	\$116,994,361	-4.6%
3917	Tubes, Pipes & Hoses & Their Fittings	\$105,886,957	\$116,060,502	\$112,978,684	-2.7%
3906	Acrylic Polymers in primary form	\$67,090,931	\$78,704,664	\$87,711,687	11.4%
3903	Polymers of Styrene in primary form	\$125,000,811	\$116,923,776	\$86,161,958	-26.3%
3924	Tableware & Other Household Articles Etc	\$71,234,870	\$73,207,873	\$62,709,909	-14.3%
3901	Polymers of Ethylene in primary form	\$73,595,678	\$83,867,023	\$60,312,744	-28.1%
3908	Polyamides in primary form	\$40,753,735	\$53,989,825	\$55,944,965	3.6%
3910	Silicones in primary forms	\$57,041,115	\$54,647,965	\$53,938,074	-1.3%
3925	Builders Ware (doors, shutters, blinds), Nesoi	\$41,033,117	\$42,950,549	\$43,911,177	2.2%
3916	Monofilament, Cross-Section >1mm, Rods, Sticks	\$46,646,400	\$53,849,068	\$41,005,630	-23.9%
Multi	Remaining commodities	\$46,819,321	\$48,628,512	\$50,386,555	3.6%

Nesoi - Not elsewhere specified or indicated



Top 5 Trading Partners - 2023

	2023 Value	Pct of Total
Total	\$3,358,719,365	
Canada	\$1,140,516,743	34.0%
Mexico	\$741,074,521	22.1%
China	\$368,439,704	11.0%
Belgium	\$135,501,776	4.0%
Taiwan	\$89,983,857	2.7%
Others	\$883,202,764	26.3%

Top 5 Trading Partners - 2021 to 2023

	2021 to 2023 Value	Pct of 3-yr Total
Total	\$10,043,076,209	
Canada	\$3,467,070,788	34.5%
Mexico	\$1,913,267,958	19.1%
China	\$1,248,690,866	12.4%
Belgium	\$470,061,101	4.7%
Taiwan	\$379,640,326	3.8%
Others	\$2,564,345,170	25.5%

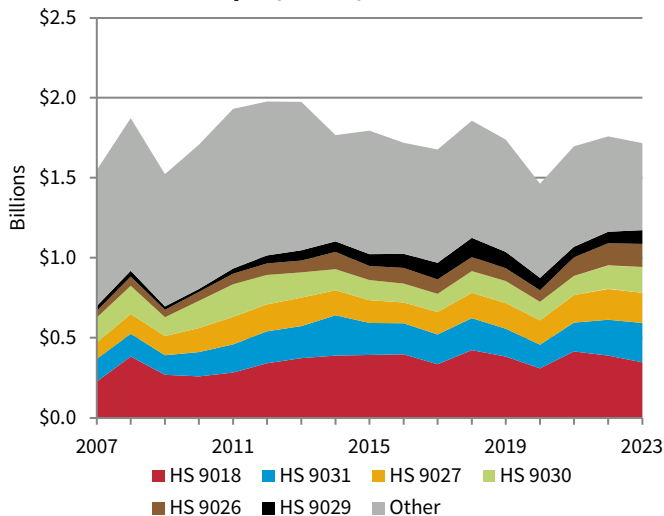
Optic / Photo / Medical Instruments (HS 90) Exports

Harmonized
Tariff Schedule

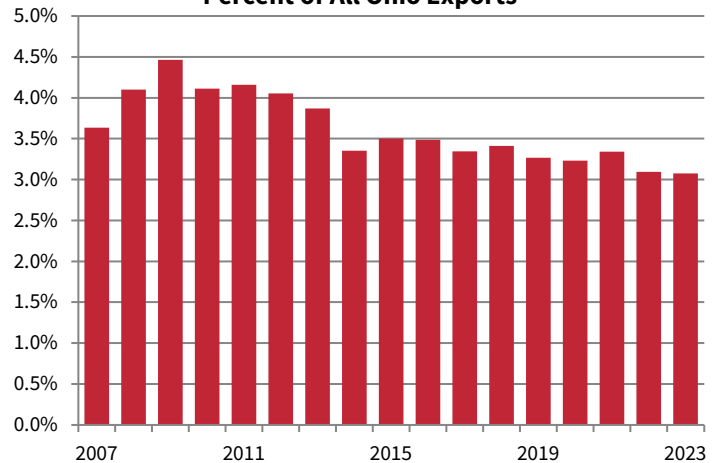
		2021	2022	2023	% Chng. 22 to 23
TOTAL		\$1,696,408,987	\$1,757,774,049	\$1,715,537,233	-2.4%
9018	Medical, Surgical, Dental or Vet Instruments	\$413,317,335	\$388,728,875	\$346,264,298	-10.9%
9031	Measuring or Checking Instruments Nesoi	\$180,250,067	\$222,673,499	\$246,414,267	10.7%
9027	Instru./Apparatus for Physical/Chemical Analysis	\$172,367,722	\$194,454,443	\$188,116,182	-3.3%
9030	Oscilloscopes, Spectrum Analyzers etc	\$119,671,034	\$145,973,903	\$161,780,697	10.8%
9026	Instruments for Measuring Liquids and Gases	\$115,896,966	\$139,285,100	\$144,552,552	3.8%
9029	Revolution/Production Counters, Odometers etc	\$67,546,580	\$70,394,757	\$85,867,444	22.0%
9032	Automatic Regulating or Control Instruments	\$83,816,542	\$89,275,583	\$84,056,965	-5.8%
9001	Optic Fibers; Polarizing Sheets; Optic Elements	\$77,481,015	\$90,336,822	\$82,208,265	-9.0%
9022	X-Ray Etc Apparatus; Tubes, Panels, Screen etc	\$90,012,917	\$77,940,400	\$74,386,849	-4.6%
9015	Survey/Hydro./ Meteorological Instruments	\$75,149,124	\$68,537,164	\$48,292,112	-29.5%
9013	Liquid Crystal Devices Nesoi; Lasers	\$60,134,474	\$54,122,658	\$46,782,869	-13.6%
9021	Orthopedic Appliances; Artificial Body Parts; etc	\$37,727,133	\$36,387,099	\$38,918,493	7.0%
9024	Machines for Testing Mechanical Properties	\$30,730,195	\$42,497,567	\$37,413,580	-12.0%
9025	Hydrometers, Thermometers, Pyrometers etc	\$14,930,634	\$20,256,239	\$26,656,733	31.6%
9004	Spectacles, Goggles etc, Corrective, Protective etc	\$39,069,531	\$6,778,006	\$18,350,613	170.7%
9023	Instruments/Models for Demonstrational Use	\$29,081,563	\$13,741,597	\$14,071,803	2.4%
9019	Mechano-therapy & oth. respiration apparatus, etc	\$24,893,744	\$24,139,133	\$13,849,182	-42.6%
9014	Compasses & Navigation Instruments Etc	\$8,283,754	\$15,544,971	\$9,939,310	-36.1%
Multi	Remaining commodities	\$56,048,657	\$56,706,233	\$47,615,019	-16.0%

Nesoi - Not elsewhere specified or indicated

Value of Optic/Photo/Med. Instruments



Percent of All Ohio Exports



Top 5 Trading Partners - 2023

	2023 Value	Pct of Total
Total	\$1,715,537,233	
Canada	\$322,860,713	18.8%
China	\$199,951,688	11.7%
Mexico	\$117,121,708	6.8%
Germany	\$101,202,264	5.9%
Brazil	\$87,370,961	5.1%
Others	\$887,029,899	51.7%

Top 5 Trading Partners - 2021 to 2023

	2021 to 2023 Value	Pct of 3-yr Total
Total	\$5,169,720,269	
Canada	\$933,818,275	18.1%
China	\$604,628,638	11.7%
Mexico	\$343,730,259	6.6%
Germany	\$284,568,666	5.5%
Japan	\$264,873,667	5.1%
Others	\$2,738,100,764	53.0%

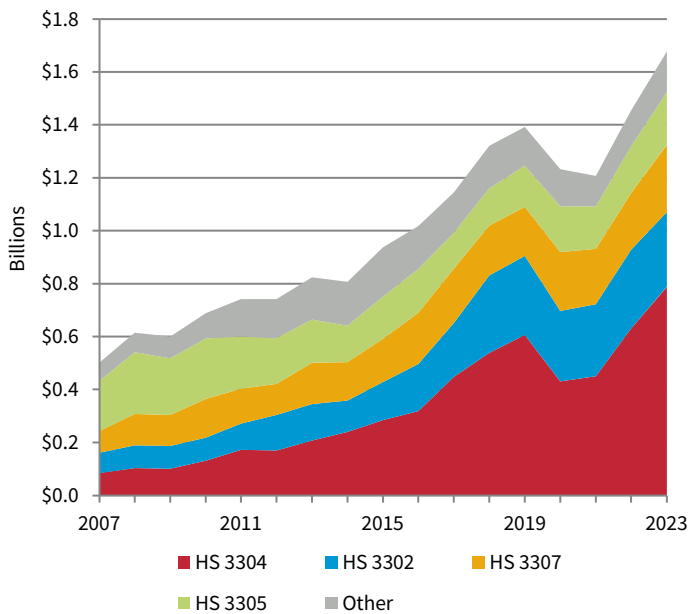
Cosmetics, Perfumery, Essential Oils (HS 33) Exports

Harmonized
Tariff Schedule

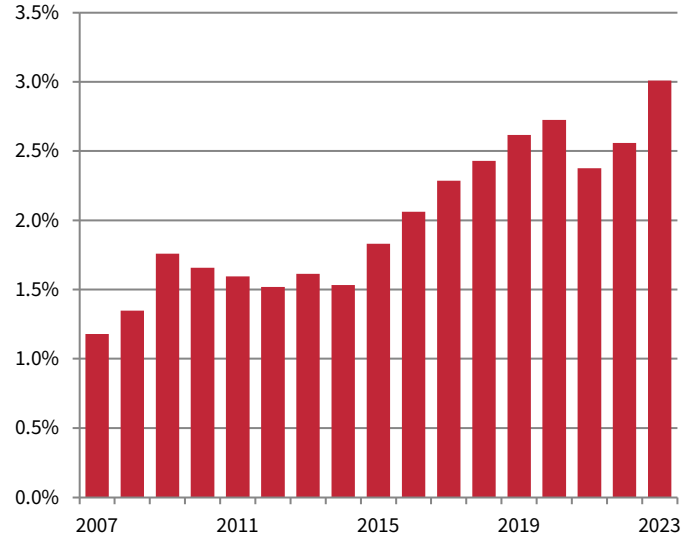
	2021	2022	2023	% Chng. 22 to 23
TOTAL	\$1,206,516,643	\$1,453,490,514	\$1,677,810,851	15.4%
3304 Beauty, Make-Up & Skin-Care Preparations	\$449,981,081	\$630,496,022	\$788,553,290	25.1%
3302 Odoriferous Mixtures; Industry & Beverage Mfg.	\$272,309,539	\$296,692,368	\$281,936,176	-5.0%
3307 Shaving/Bath Preparations; Toilet Preps Nesoi	\$208,782,816	\$214,497,615	\$254,771,816	18.8%
3305 Preparations for use on the Hair	\$161,225,647	\$176,541,228	\$199,209,961	12.8%
3306 Preparations, Oral Dental Hygiene; Dental Floss	\$90,489,361	\$87,790,835	\$108,604,047	23.7%
3303 Perfumes and Toilet Waters	\$14,028,608	\$30,180,528	\$31,444,349	4.2%
3301 Essential Oils, Resinoids	\$9,699,591	\$17,291,918	\$13,291,212	-23.1%

Nesoi - Not elsewhere specified or indicated

Value of Cosmetic Products



Percent of All Ohio Exports



Top 5 Trading Partners - 2023

	2023 Value	Pct of Total
Total	\$1,677,810,851	
Canada	\$591,160,552	35.2%
Australia	\$127,770,545	7.6%
Mexico	\$108,476,952	6.5%
France	\$93,282,603	5.6%
Singapore	\$90,126,462	5.4%
Others	\$666,993,737	39.8%

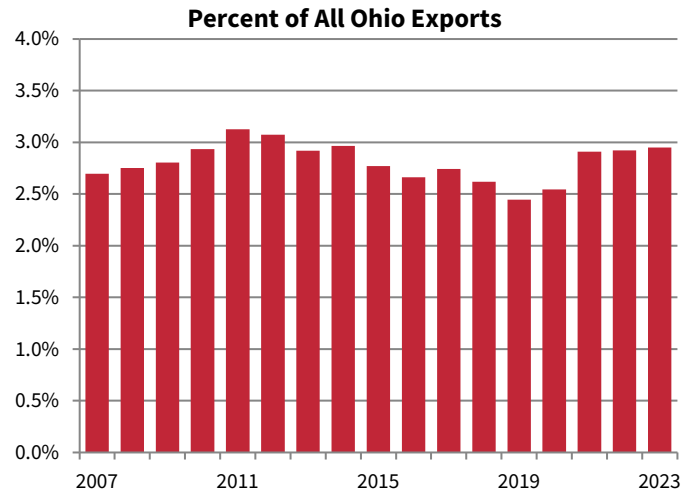
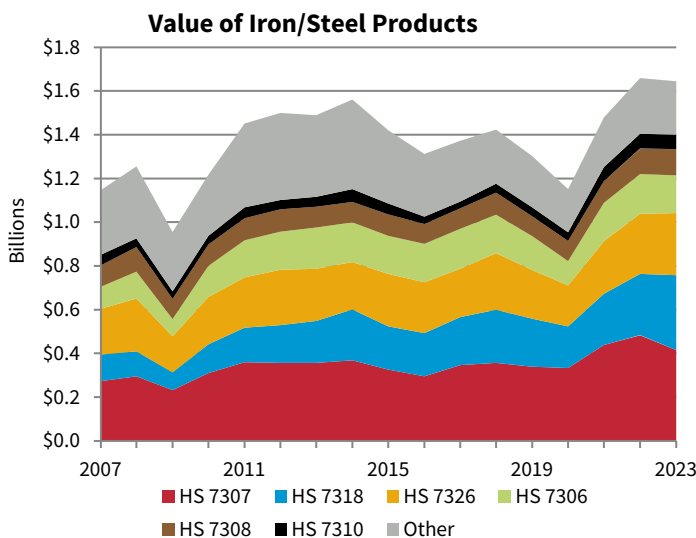
Top 5 Trading Partners - 2021 to 2023

	2021 to 2023 Value	Pct of 3-yr Total
Total	\$4,337,818,008	
Canada	\$1,619,269,669	37.3%
Australia	\$267,220,667	6.2%
Mexico	\$251,619,386	5.8%
France	\$238,516,350	5.5%
Singapore	\$182,856,010	4.2%
Others	\$1,778,335,926	41.0%

Iron And Steel Products (HS 73) Exports

Harmonized Tariff Schedule		2021	2022	2023	% Chng. 22 to 23
TOTAL		\$1,478,624,897	\$1,659,455,289	\$1,644,832,423	-0.9%
7307	Tube Or Pipe Fittings	\$438,224,504	\$483,922,018	\$415,836,060	-14.1%
7318	Screws, Bolts, Nuts, Washers Etc	\$235,132,368	\$279,691,760	\$341,399,991	22.1%
7326	Articles of Iron or Steel, Nesoi	\$239,188,407	\$275,781,177	\$284,380,435	3.1%
7306	Tubes, Pipes & Hollow Profiles Nesoi	\$176,481,266	\$181,507,473	\$172,874,339	-4.8%
7308	Structures Nesoi & Parts Thereof	\$99,007,964	\$116,337,262	\$120,422,539	3.5%
7310	Tanks Etc, <= 300 Liter Capacity	\$64,949,723	\$67,846,580	\$65,500,297	-3.5%
7311	Containers for Compressed Liquified Gas	\$44,700,962	\$63,913,268	\$51,662,199	-19.2%
7320	Springs & Leaves for Springs	\$33,054,798	\$37,591,690	\$39,966,534	6.3%
7304	Tubes, Pipes Etc, Seamless	\$38,556,064	\$39,825,778	\$34,655,019	-13.0%
7325	Cast Articles Nesoi	\$13,662,096	\$12,351,719	\$16,584,856	34.3%
7315	Chain & Parts	\$13,202,055	\$15,472,469	\$14,828,434	-4.2%
7303	Tubes, Pipes And Hollow Profiles Of Cast Iron	\$11,429,876	\$13,613,327	\$11,852,067	-12.9%
7322	Radiators, Air Heaters, Etc; Nonelec., Iron & Steel	\$5,749,741	\$4,976,018	\$11,637,288	133.9%
7324	Sanitary Ware (sinks/baths) & Parts	\$8,040,471	\$9,501,170	\$10,297,398	8.4%
7312	Stranded Wire, Ropes Etc, Not Elec. Insulated	\$8,882,287	\$8,174,995	\$9,433,311	15.4%
7323	Table, Kitchen, Household Articles	\$7,793,592	\$9,284,448	\$8,614,798	-7.2%
7302	Railway Track Construction Material, Iron & Steel	\$3,912,857	\$4,947,139	\$8,611,551	74.1%
7314	Cloth, Grill, Netting, Fencing, Etc; Of Iron Or Steel	\$7,426,607	\$8,798,906	\$6,730,997	-23.5%
7309	Tanks Etc, Over 300 Liter Capacity	\$10,257,217	\$8,710,377	\$6,482,324	-25.6%
Multi	Remaining commodities	\$18,972,042	\$17,207,715	\$13,061,986	-24.1%

Nesoi - Not elsewhere specified or indicated



Top 5 Trading Partners - 2023

	2023 Value	Pct of Total
Total	\$1,644,832,423	
Canada	\$575,583,085	35.0%
Mexico	\$415,151,359	25.2%
China	\$74,353,151	4.5%
Netherlands	\$71,007,642	4.3%
Japan	\$66,236,008	4.0%
Others	\$442,501,178	26.9%

Top 5 Trading Partners - 2021 to 2023

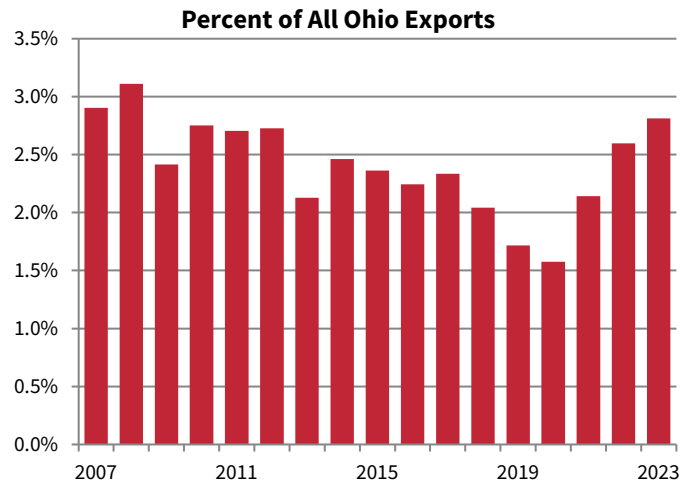
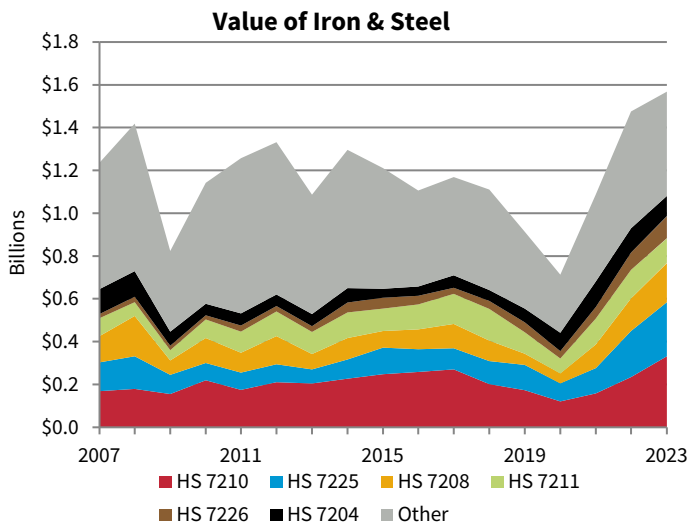
	2021 to 2023 Value	Pct of 3-yr Total
Total	\$4,782,912,609	
Canada	\$1,715,125,985	35.9%
Mexico	\$1,146,275,269	24.0%
China	\$271,352,030	5.7%
Japan	\$225,421,551	4.7%
Netherlands	\$197,116,283	4.1%
Others	\$1,227,621,491	25.7%

Iron And Steel (HS 72) Exports

Harmonized
Tariff Schedule

		2021	2022	2023	% Chng. 22 to 23
TOTAL		\$1,087,714,821	\$1,476,023,067	\$1,567,978,219	6.2%
7210	Flat-roll Iron/Nonalloy Steel, 600+mm wd, clad	\$158,245,099	\$234,844,663	\$331,791,306	41.3%
7225	Flat-rolled Alloy Steel Nesoi 600+mm wide	\$117,682,655	\$215,429,058	\$252,436,041	17.2%
7208	Flat-roll Iron/NA Steel,600+mm Hot-roll, not clad	\$110,273,600	\$152,391,930	\$183,686,915	20.5%
7211	Flat-roll Iron/Nonalloy Steel, <600mm wd, nt clad	\$121,681,499	\$132,056,310	\$115,215,960	-12.8%
7226	Flat-rolled Alloy Steel Nesoi <600mm wide	\$53,221,732	\$81,858,755	\$102,725,447	25.5%
7204	Ferrous Waste & Scrap; Remelt Scrap Iron/Steel	\$120,269,901	\$113,479,060	\$95,265,964	-16.0%
7228	Alloy Steel Nesoi Bars, Angles, Hollow Bars etc	\$51,594,230	\$79,502,813	\$85,043,596	7.0%
7220	Flat-rolled Stainless Steel, <600mm wide	\$60,873,298	\$83,738,462	\$67,634,396	-19.2%
7219	Flat-roll Stainless Steel Products, 600+mm wide	\$57,243,533	\$102,494,330	\$58,205,305	-43.2%
7212	Flat-roll Iron/Nonalloy Steel, <600mm wd, clad	\$58,246,052	\$68,223,450	\$56,867,008	-16.6%
7209	Flat-roll Iron/NA Steel <600mm Cold-roll,not clad	\$25,178,351	\$39,225,318	\$48,116,347	22.7%
7222	Bars/Rods, Stainless Steel Nesoi; Angles, Shapes	\$17,403,951	\$25,863,227	\$38,686,522	49.6%
7202	Ferroalloys	\$46,707,413	\$47,117,210	\$37,384,498	-20.7%
7217	Wire of Iron & Nonalloy Steel	\$17,924,704	\$18,379,670	\$17,414,097	-5.3%
7229	Wire of Alloy Steel Nesoi	\$9,204,795	\$14,995,820	\$17,129,092	14.2%
7227	Bars/Rods Alloy Steel Nesoi, Hot-roll irreg coils	\$13,106,836	\$13,632,678	\$11,322,871	-16.9%
7214	Bars/Rods, Iron/Nonalloy Steel Nesoi, Hot-roll etc	\$12,852,980	\$12,974,335	\$10,344,610	-20.3%
7224	Alloy Steel Nesoi In Ingots or Other Primary Forms	\$7,715,063	\$7,049,665	\$8,652,218	22.7%
7223	Wire of Stainless Steel	\$6,389,166	\$8,921,613	\$8,538,937	-4.3%
Multi	Remaining commodities	\$21,899,963	\$23,844,700	\$21,517,089	-9.8%

Nesoi - Not elsewhere specified or indicated



Top 5 Trading Partners - 2023

	2023 Value	Pct of Total
Total	\$1,567,978,219	
Canada	\$862,926,756	55.0%
Mexico	\$517,646,602	33.0%
India	\$39,291,860	2.5%
China	\$25,608,936	1.6%
Thailand	\$13,852,579	0.9%
Others	\$108,651,486	6.9%

Top 5 Trading Partners - 2021 to 2023

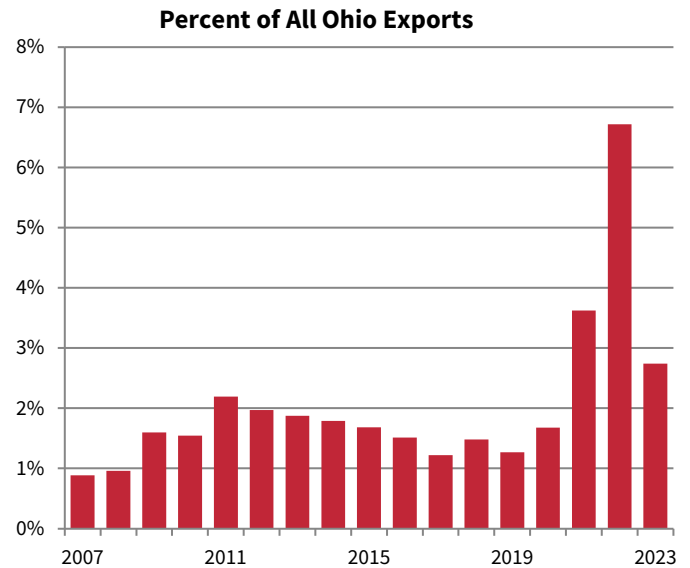
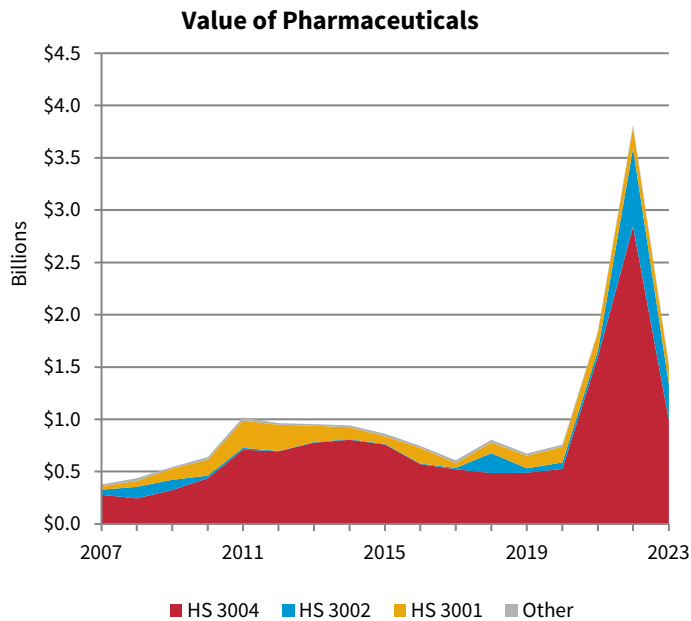
	2021 to 2023 Value	Pct of 3-yr Total
Total	\$4,131,716,107	
Canada	\$2,372,450,920	57.4%
Mexico	\$1,141,016,625	27.6%
China	\$97,031,377	2.3%
India	\$82,496,101	2.0%
Malaysia	\$72,213,667	1.7%
Others	\$366,507,417	8.9%

Pharmaceutical Products (HS 30) Exports

Harmonized
Tariff Schedule

	2021	2022	2023	% Chng. 22 to 23
TOTAL	\$1,839,687,581	\$3,815,226,125	\$1,528,648,530	-59.9%
3004 Medicaments Nesoi, In Measured Doses	\$1,596,171,043	\$2,843,435,254	\$990,681,646	-65.2%
3002 Human Blood; Animal Blood; Vaccines Etc	\$56,872,479	\$747,942,641	\$341,634,462	-54.3%
3001 Glands/Organs & Extracts; For Organ therapy	\$172,826,175	\$201,660,438	\$172,005,000	-14.7%
3003 Medicaments Nesoi, Not Measured Doses	\$10,765,563	\$7,301,224	\$14,147,647	93.8%
3006 Other Pharmaceutical Goods	\$826,550	\$12,338,458	\$6,235,425	-49.5%
3005 Wadding, Gauze, Bandages Etc	\$2,225,771	\$2,548,110	\$3,944,350	54.8%

Nesoi - Not elsewhere specified or indicated



Top 5 Trading Partners - 2023

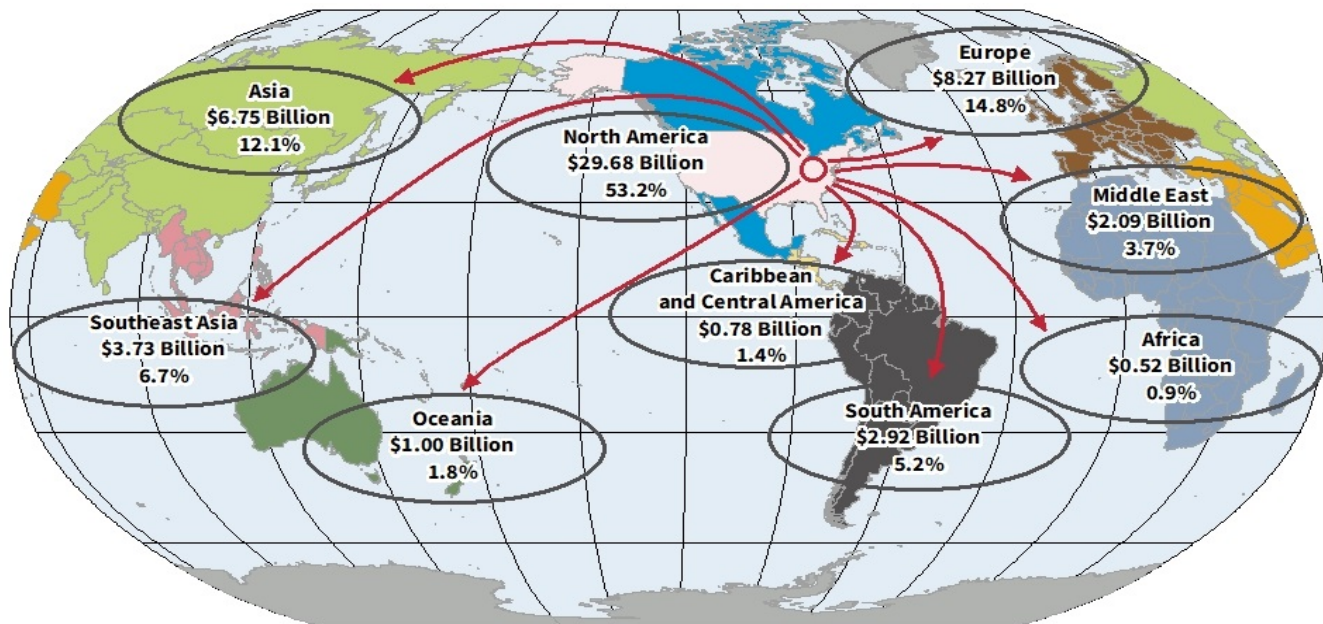
	2023 Value	Pct of Total
Total	\$3,815,226,125	
Japan	\$1,596,065,096	41.8%
U. K.	\$610,776,795	16.0%
Switzerland	\$337,296,713	8.8%
Canada	\$150,670,774	3.9%
Netherlands	\$134,409,611	3.5%
Others	\$986,007,136	25.8%

Top 5 Trading Partners - 2021 to 2023

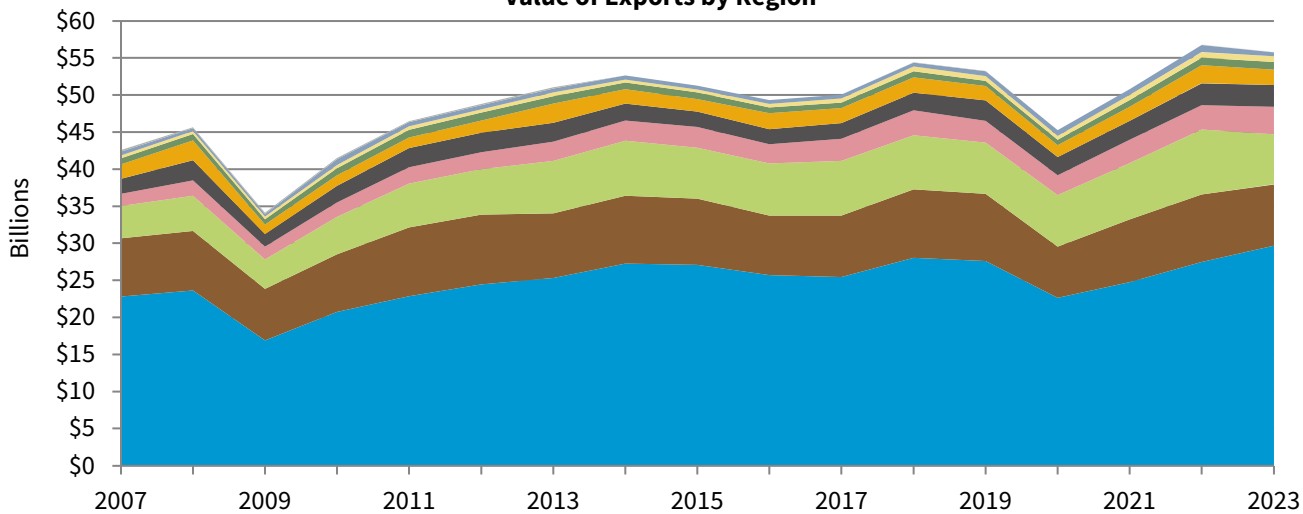
	2021 to 2023 Value	Pct of 3-yr Total
Total	\$7,183,562,236	
Japan	\$2,013,721,068	28.0%
Netherlands	\$1,312,035,756	18.3%
Canada	\$599,417,123	8.3%
United Kingdom	\$442,745,966	6.2%
Switzerland	\$384,714,664	5.4%
Others	\$2,430,927,659	33.8%

Ohio Exports

Regional Destinations: 2023



Value of Exports by Region

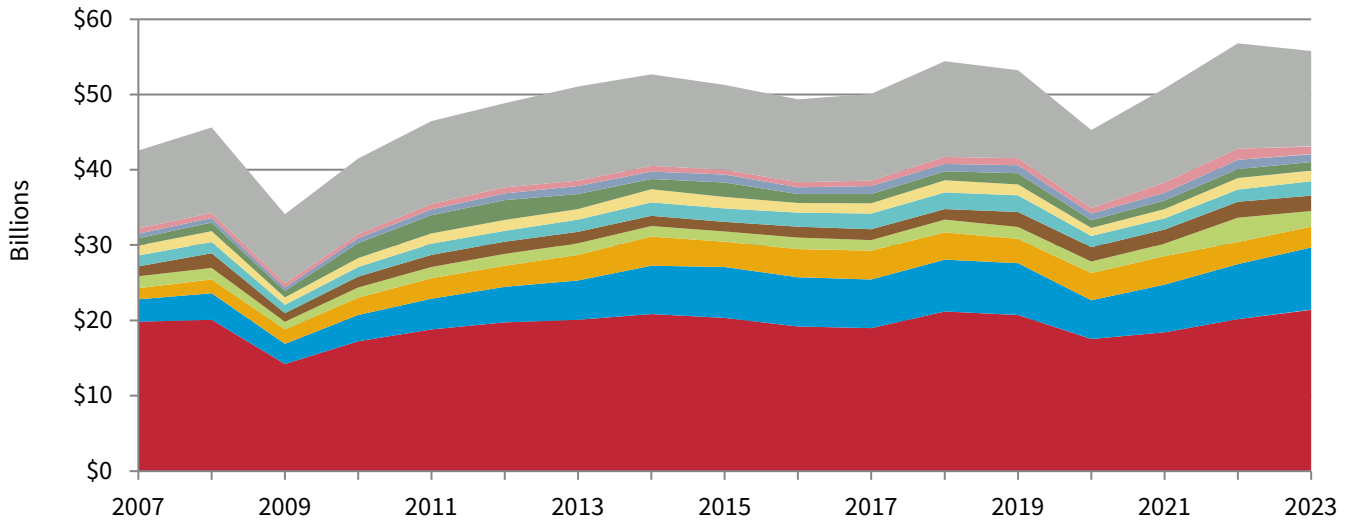


	2021	2022	2023	% of 2023 Exports	% Chng. 22 to 23
North America	\$24,760,349,509	\$27,474,241,801	\$29,681,840,078	53.2%	8.0%
Europe	\$8,437,318,245	\$9,094,708,260	\$8,265,343,144	14.8%	-9.1%
Asia	\$7,600,192,306	\$8,795,745,037	\$6,747,236,810	12.1%	-23.3%
Southeast Asia	\$3,149,608,563	\$3,265,331,365	\$3,734,015,062	6.7%	14.4%
South America	\$2,577,957,088	\$2,965,192,782	\$2,917,658,466	5.2%	-1.6%
Middle East	\$1,890,464,279	\$2,430,814,370	\$2,086,719,416	3.7%	-14.2%
Oceania	\$911,598,137	\$1,016,133,099	\$1,002,041,560	1.8%	-1.4%
Caribbean/Central America	\$659,279,002	\$746,397,524	\$779,426,624	1.4%	4.4%
Africa	\$797,364,027	\$992,187,768	\$522,885,672	0.9%	-47.3%
Unidentified/Other	\$17,172,066	\$23,560,394	\$27,267,637	0.0%	15.7%

Ohio Export Destinations

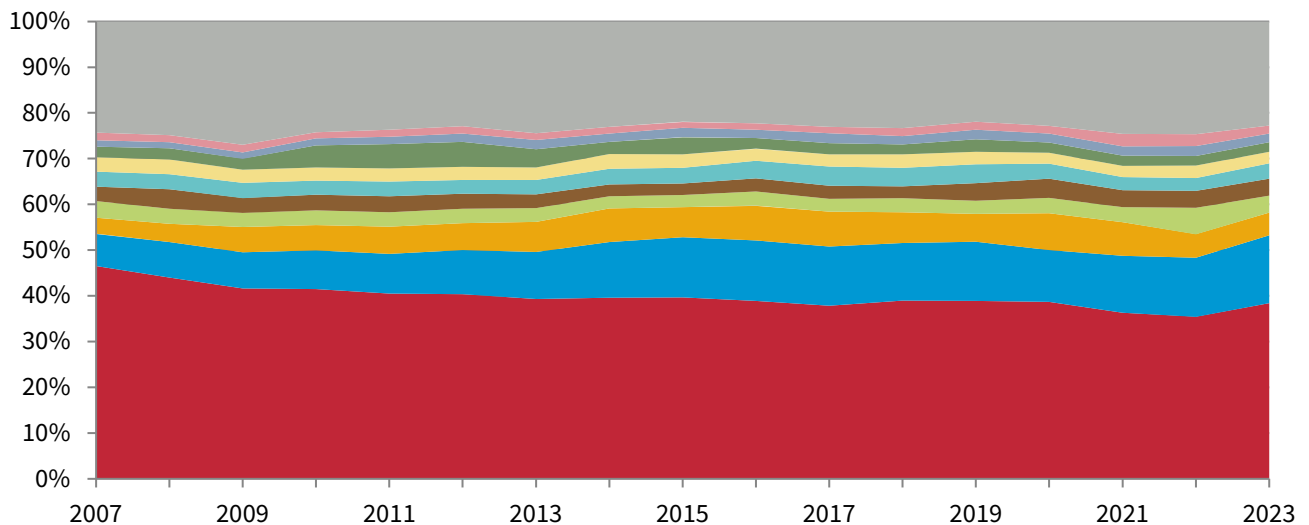
Top 10 Destinations: 2023

Value of Exports

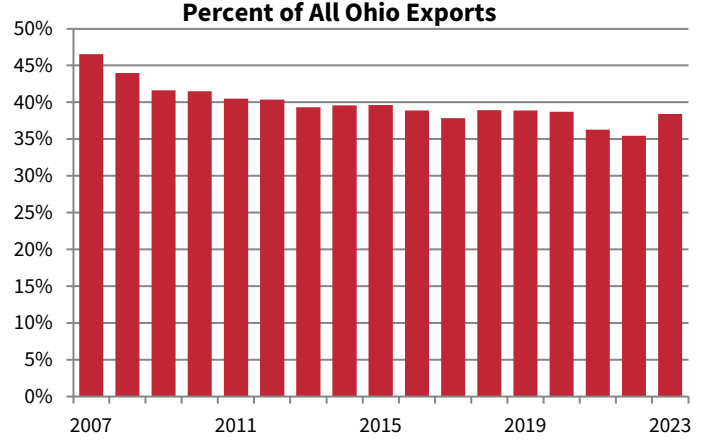


Destination	2023 Value	% of All Exports	% Change 22 to 23
Canada	\$21,404,891,932	38.4%	6.3%
Mexico	\$8,272,590,901	14.8%	12.8%
China	\$2,766,487,371	5.0%	-5.2%
Japan	\$2,085,452,919	3.7%	-35.8%
Brazil	\$2,043,304,054	3.7%	-3.6%
United Kingdom	\$1,894,747,688	3.4%	18.9%
Germany	\$1,386,848,929	2.5%	-10.3%
France	\$1,171,108,136	2.1%	-2.4%
Korea	\$1,052,544,163	1.9%	-14.4%
Netherlands	\$1,007,228,940	1.8%	-32.0%
Remainder	\$12,679,229,436	22.7%	-9.4%

Distribution of Exports



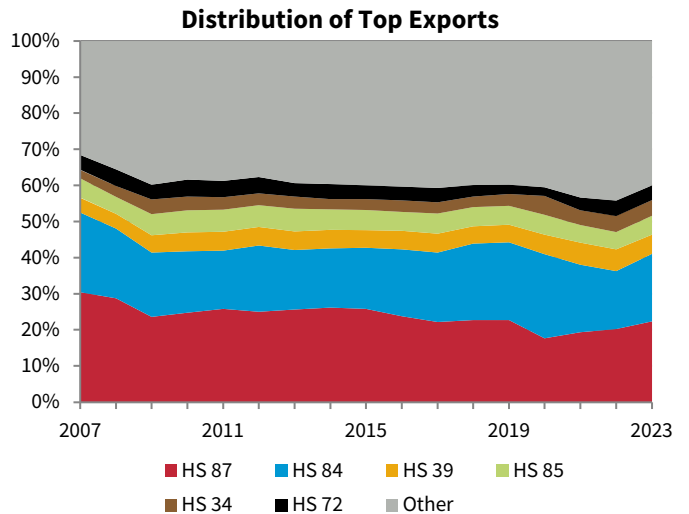
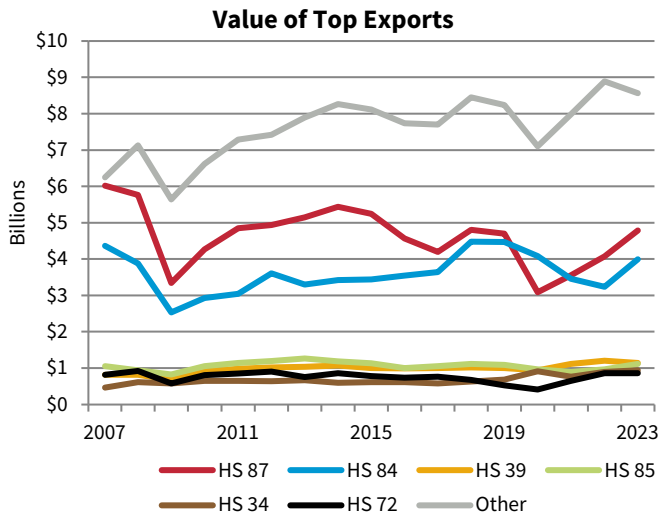
Exports to Canada



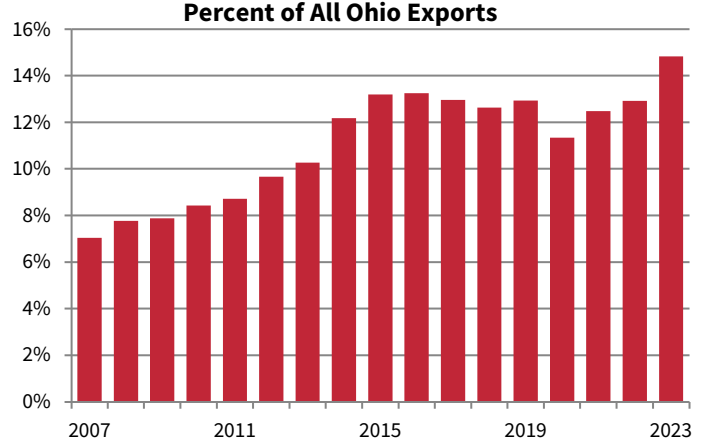
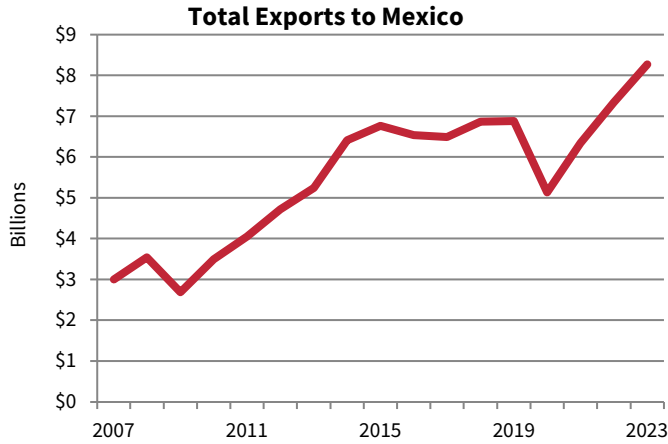
Harmonized
Tariff Schedule

	2021	2022	2023	% Chng. 22 to 23
TOTAL	\$18,420,180,439	\$20,134,217,846	\$21,404,891,932	6.3%
87 Vehicles and Parts	\$3,553,717,715	\$4,070,975,528	\$4,788,282,764	17.6%
84 Industrial Machinery, Including Computers	\$3,459,216,904	\$3,236,194,112	\$3,995,081,420	23.4%
39 Plastics and Articles Thereof	\$1,115,146,214	\$1,211,407,831	\$1,140,516,743	-5.9%
85 Electric Machinery; Sound Equip.; TV Equip.	\$898,684,901	\$961,934,580	\$1,117,164,849	16.1%
34 Soap, Waxes, Lubricating Preparations, etc	\$760,646,134	\$898,444,770	\$939,251,605	4.5%
72 Iron and Steel	\$646,827,643	\$862,696,521	\$862,926,756	0.0%
27 Mineral Fuel, Oil, etc	\$468,431,949	\$957,287,067	\$819,124,634	-14.4%
88 Aircraft and Parts	\$662,382,827	\$775,830,272	\$680,782,542	-12.3%
33 Cosmetics, Perfumery, Essential Oils, etc	\$482,732,167	\$545,376,950	\$591,160,552	8.4%
73 Iron and Steel Products	\$538,950,699	\$600,592,201	\$575,583,085	-4.2%
48 Paper, Paperboard, Articles of Paper Pulp	\$373,499,729	\$418,516,662	\$447,343,625	6.9%
40 Rubber and Articles Thereof	\$368,794,733	\$417,914,625	\$376,291,023	-10.0%
90 Optic / Photo / Medical Instruments	\$302,544,475	\$308,413,087	\$322,860,713	4.7%
38 Miscellaneous Chemical Products	\$319,757,078	\$310,211,704	\$318,517,489	2.7%
96 Miscellaneous Manufactured Articles	\$255,693,456	\$281,417,540	\$292,293,974	3.9%
Multi Remaining commodities	\$4,213,153,815	\$4,277,004,396	\$4,137,710,158	-3.3%

Nesoi - Not elsewhere specified or indicated



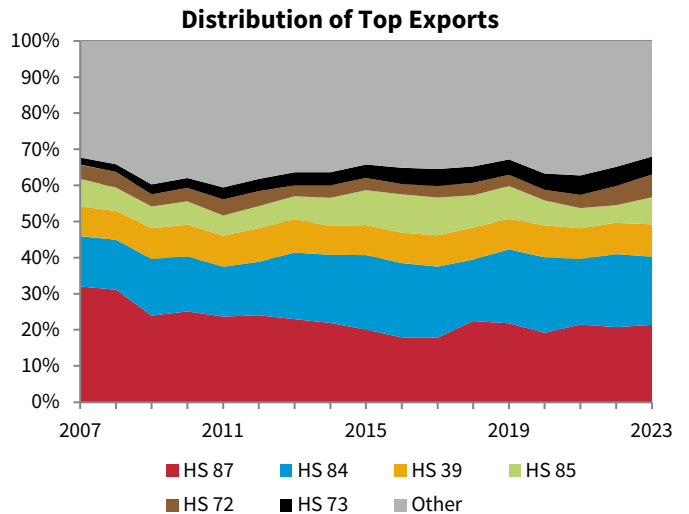
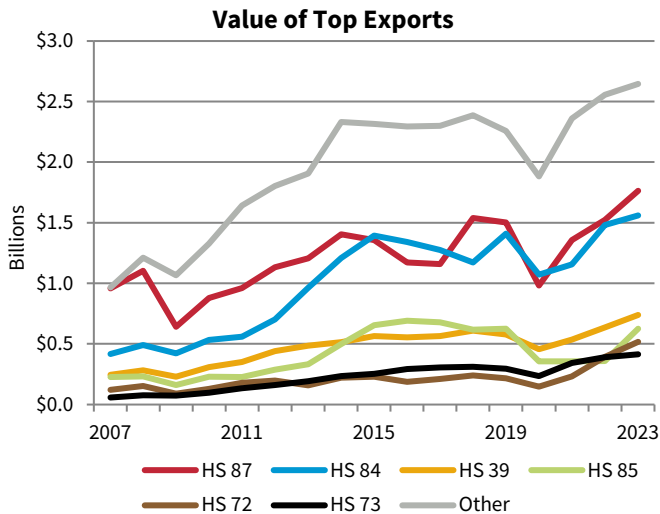
Exports to Mexico



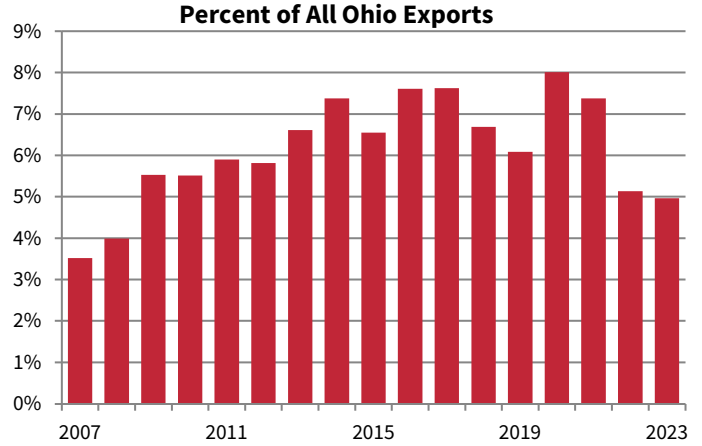
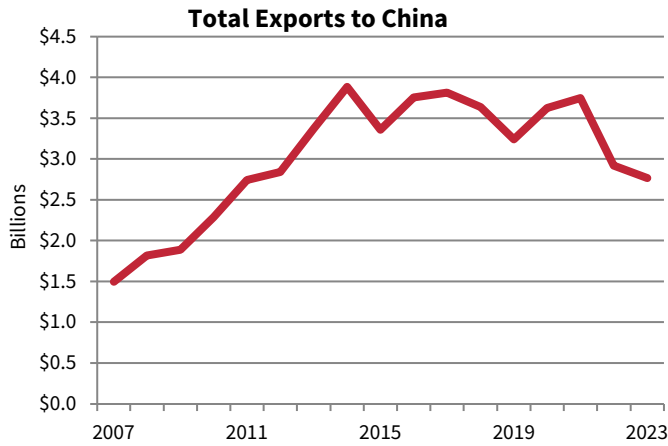
Harmonized
Tariff Schedule

	2021	2022	2023	% Chng. 22 to 23
TOTAL	\$6,337,015,151	\$7,337,038,774	\$8,272,590,901	12.8%
87 Vehicles and Parts	\$1,357,574,831	\$1,523,865,080	\$1,765,623,090	15.9%
84 Industrial Machinery, Including Computers	\$1,155,514,170	\$1,481,038,717	\$1,561,445,445	5.4%
39 Plastics and Articles Thereof	\$536,012,466	\$636,180,971	\$741,074,521	16.5%
85 Electric Machinery; Sound Equip.; TV Equip.	\$354,732,069	\$359,398,038	\$625,018,077	73.9%
72 Iron and Steel	\$231,063,608	\$392,306,415	\$517,646,602	31.9%
73 Iron and Steel Products	\$342,129,730	\$388,994,180	\$415,151,359	6.7%
40 Rubber and Articles Thereof	\$279,536,573	\$365,611,259	\$383,066,347	4.8%
88 Aircraft and Parts	\$269,724,955	\$290,338,385	\$352,535,987	21.4%
32 Tanning, Dye, Paint, Putty	\$212,927,702	\$240,868,483	\$272,308,787	13.1%
38 Miscellaneous Chemical Products	\$169,470,117	\$185,828,308	\$202,692,107	9.1%
34 Soap, Waxes, Lubricating Preparations, etc	\$87,541,239	\$119,854,305	\$143,643,164	19.8%
90 Optic / Photo / Medical Instruments	\$112,674,245	\$113,934,306	\$117,121,708	2.8%
76 Aluminum and Articles Thereof	\$84,955,853	\$124,035,638	\$115,505,706	-6.9%
33 Cosmetics, Perfumery, Essential Oils, etc	\$55,647,367	\$87,495,067	\$108,476,952	24.0%
74 Copper and Articles Thereof	\$36,077,665	\$57,180,686	\$107,585,815	88.2%
Multi Remaining commodities	\$1,051,432,561	\$970,108,936	\$843,695,234	-13.0%

Nesoi - Not elsewhere specified or indicated



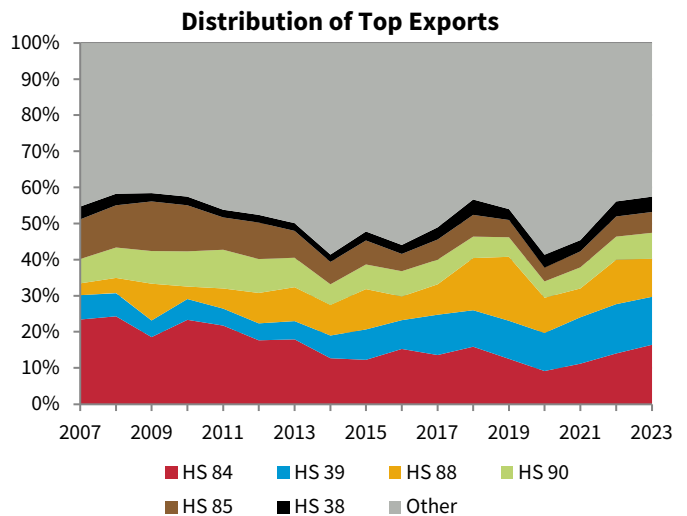
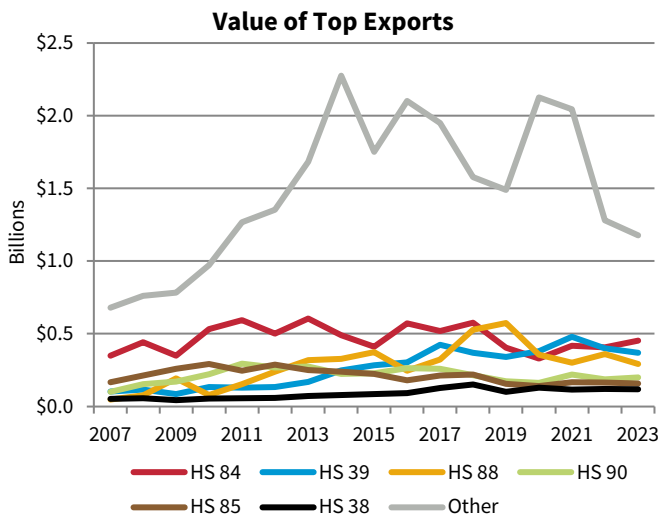
Exports to China



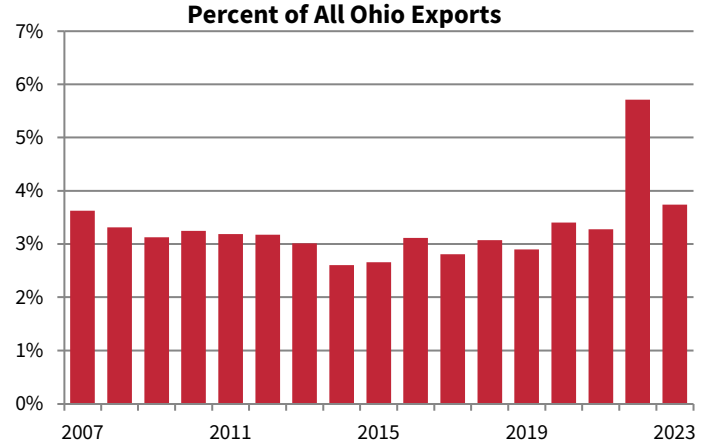
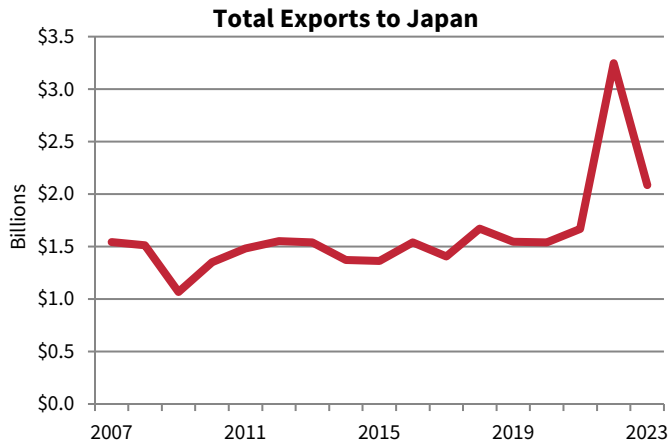
Harmonized
Tariff Schedule

	2021	2022	2023	% Chng. 22 to 23
TOTAL	\$3,747,187,327	\$2,917,664,317	\$2,766,487,371	-5.2%
84 Industrial Machinery, Including Computers	\$418,502,930	\$407,476,161	\$452,886,363	11.1%
39 Plastics and Articles Thereof	\$480,421,447	\$399,829,715	\$368,439,704	-7.9%
88 Aircraft and Parts	\$301,403,498	\$359,184,114	\$291,195,033	-18.9%
90 Optic / Photo / Medical Instruments	\$219,376,272	\$185,300,678	\$199,951,688	7.9%
85 Electric Machinery; Sound Equip.; TV Equip.	\$166,052,562	\$163,417,250	\$157,919,499	-3.4%
38 Miscellaneous Chemical Products	\$116,474,878	\$121,136,079	\$118,514,307	-2.2%
12 Oil Seed, Miscellaneous Grain	\$630,607,150	\$166,161,115	\$101,100,892	-39.2%
28 Inorganic Chemicals; Rare-Earths	\$93,054,078	\$73,551,465	\$85,986,536	16.9%
44 Wood and Articles of Wood; Wood Charcoal	\$90,396,950	\$85,983,456	\$83,631,247	-2.7%
87 Vehicles and Parts	\$244,848,030	\$133,123,950	\$83,291,191	-37.4%
74 Copper and Articles Thereof	\$44,398,028	\$66,110,829	\$80,197,433	21.3%
27 Mineral Fuel, Oil, etc	\$2,789,034	\$57,627,387	\$76,570,645	32.9%
73 Iron and Steel Products	\$96,609,741	\$100,389,138	\$74,353,151	-25.9%
68 Articles of Stone, Plaster, Cement, Asbestos	\$35,498,183	\$43,495,925	\$57,342,365	31.8%
29 Organic Chemicals	\$74,335,229	\$54,903,366	\$45,791,033	-16.6%
Multi Remaining commodities	\$732,419,317	\$499,973,689	\$489,316,284	-2.1%

Nesoi - Not elsewhere specified or indicated



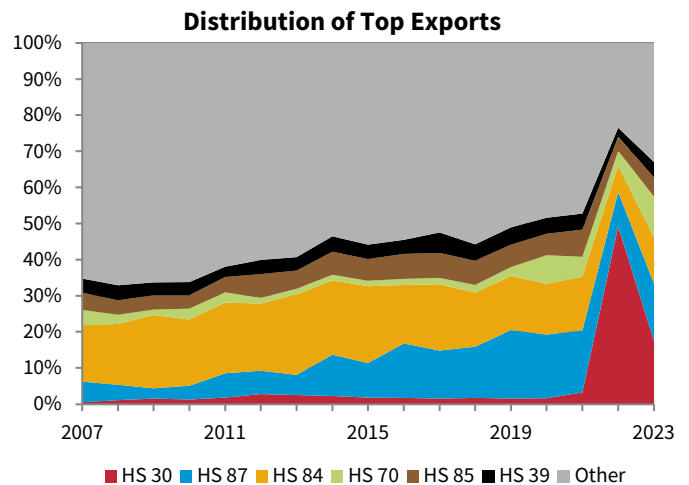
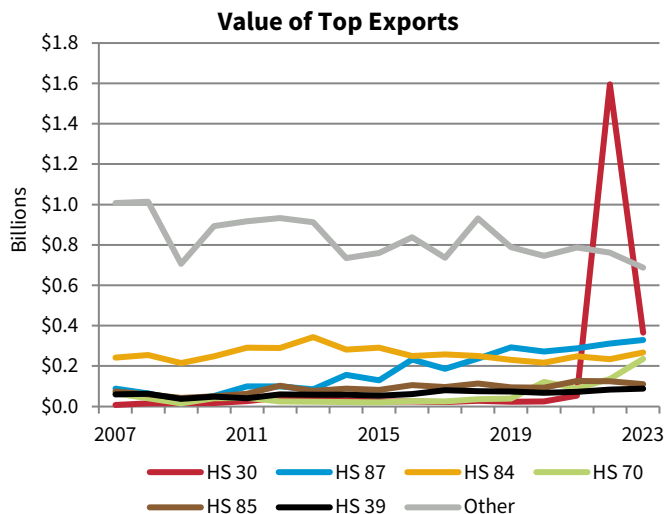
Exports to Japan



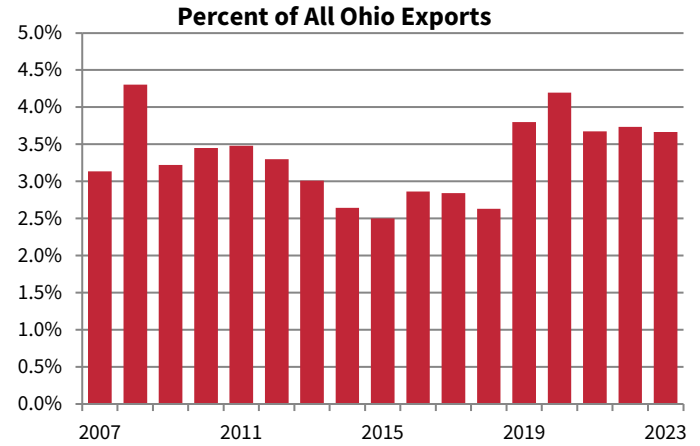
Harmonized
Tariff Schedule

	2021	2022	2023	% Chng. 22 to 23
TOTAL	\$1,666,278,099	\$3,246,467,103	\$2,085,452,919	-35.8%
30 Pharmaceutical Products	\$52,677,482	\$1,596,065,096	\$364,978,490	-77.1%
87 Vehicles and Parts	\$287,349,831	\$311,395,068	\$329,230,867	5.7%
84 Industrial Machinery, Including Computers	\$248,310,624	\$234,029,120	\$266,883,851	14.0%
70 Glass and Glassware	\$90,413,360	\$135,120,317	\$236,645,346	75.1%
85 Electric Machinery; Sound Equip.; TV Equip.	\$126,978,026	\$124,900,784	\$110,981,778	-11.1%
39 Plastics and Articles Thereof	\$72,840,756	\$83,566,612	\$88,750,271	6.2%
88 Aircraft and Parts	\$153,902,131	\$106,284,441	\$77,591,482	-27.0%
90 Optic / Photo / Medical Instruments	\$91,741,456	\$97,093,187	\$76,039,024	-21.7%
73 Iron and Steel Products	\$76,605,832	\$82,579,711	\$66,236,008	-19.8%
38 Miscellaneous Chemical Products	\$61,106,871	\$63,933,644	\$58,856,577	-7.9%
33 Cosmetics, Perfumery, Essential Oils, etc	\$25,385,785	\$34,358,693	\$58,169,763	69.3%
12 Oil Seed, Miscellaneous Grain	\$50,179,657	\$56,619,459	\$45,001,886	-20.5%
40 Rubber and Articles Thereof	\$34,698,111	\$47,031,661	\$34,924,288	-25.7%
81 Base Metals Nesoi; Cermets; Articles Thereof	\$5,208,589	\$12,989,801	\$30,672,726	136.1%
29 Organic Chemicals	\$29,470,920	\$33,799,999	\$25,014,608	-26.0%
Multi Remaining commodities	\$259,408,668	\$226,699,510	\$215,475,954	-5.0%

Nesoi - Not elsewhere specified or indicated



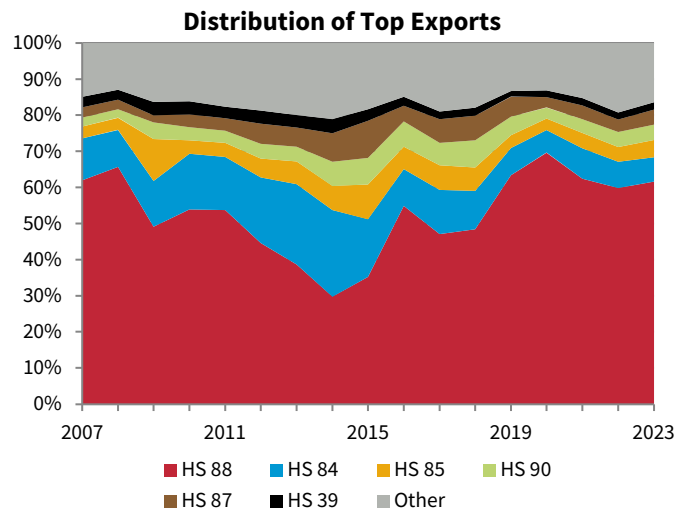
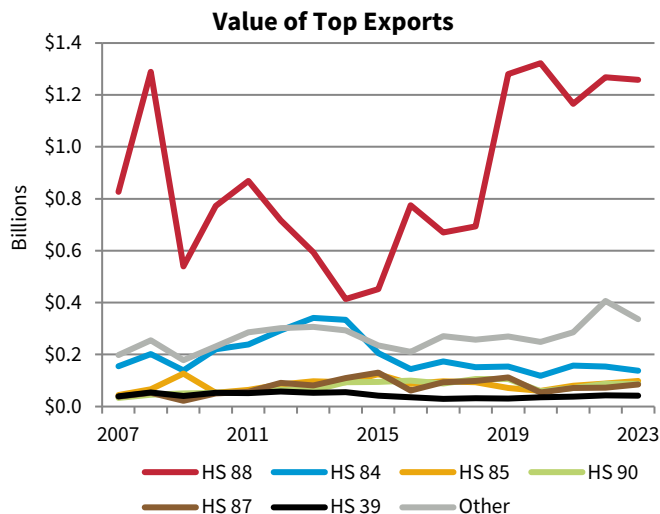
Exports to Brazil



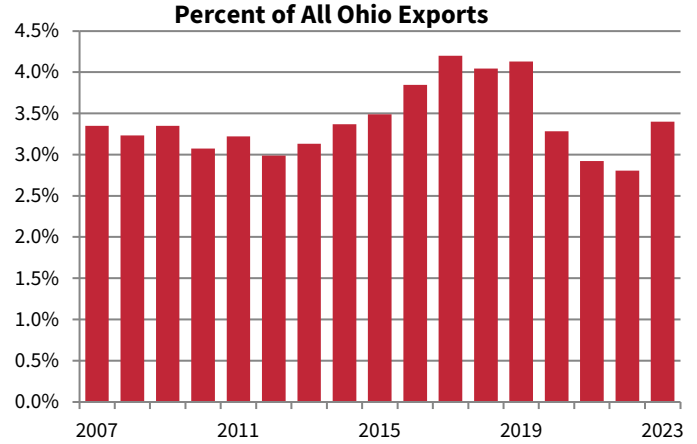
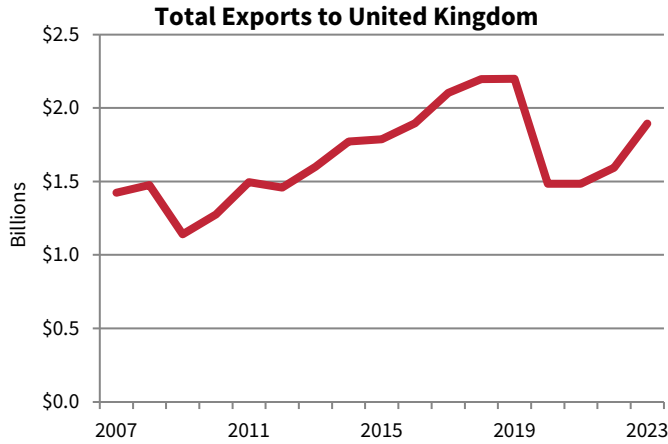
Harmonized
Tariff Schedule

	2021	2022	2023	% Chng. 22 to 23
TOTAL	\$1,866,824,115	\$2,119,991,011	\$2,043,304,054	-3.6%
88 Aircraft and Parts	\$1,165,285,973	\$1,267,972,574	\$1,258,066,430	-0.8%
84 Industrial Machinery, Including Computers	\$157,105,742	\$154,051,962	\$137,853,808	-10.5%
85 Electric Machinery; Sound Equip.; TV Equip.	\$79,672,548	\$87,830,976	\$98,345,374	12.0%
90 Optic / Photo / Medical Instruments	\$71,035,013	\$87,124,094	\$87,370,961	0.3%
87 Vehicles and Parts	\$71,112,195	\$72,904,730	\$84,336,440	15.7%
39 Plastics and Articles Thereof	\$37,275,555	\$42,578,648	\$41,563,602	-2.4%
38 Miscellaneous Chemical Products	\$38,417,668	\$41,945,437	\$29,776,220	-29.0%
73 Iron and Steel Products	\$22,935,234	\$24,383,420	\$28,139,049	15.4%
27 Mineral Fuel, Oil, etc	\$26,163,379	\$93,519,863	\$25,866,737	-72.3%
40 Rubber and Articles Thereof	\$16,987,750	\$19,154,988	\$25,282,261	32.0%
75 Nickel and Articles Thereof	\$16,404,002	\$17,047,967	\$19,859,063	16.5%
32 Tanning, Dye, Paint, Putty	\$17,882,111	\$17,321,097	\$15,014,090	-13.3%
34 Soap, Waxes, Lubricating Preparations, etc	\$13,443,698	\$16,196,752	\$14,765,057	-8.8%
82 Tools, Implements, Cutlery of Base Metals	\$7,573,559	\$10,995,957	\$14,294,880	30.0%
76 Aluminum and Articles Thereof	\$2,666,775	\$2,559,623	\$13,795,945	439.0%
Multi Remaining commodities	\$122,862,913	\$164,402,923	\$148,974,137	-9.4%

Nesoi - Not elsewhere specified or indicated



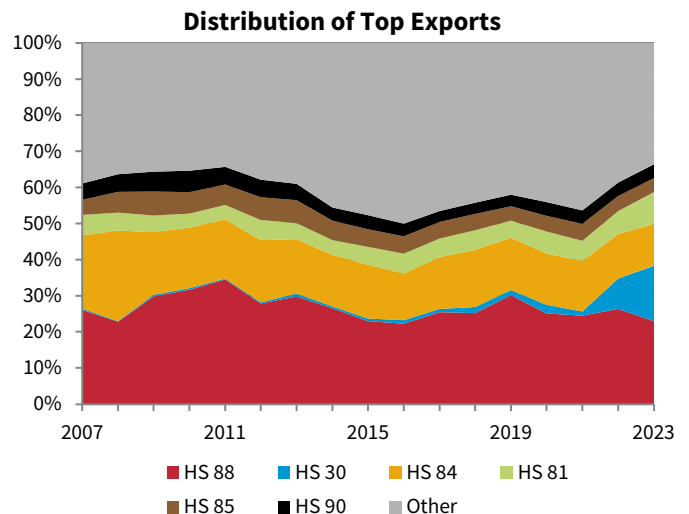
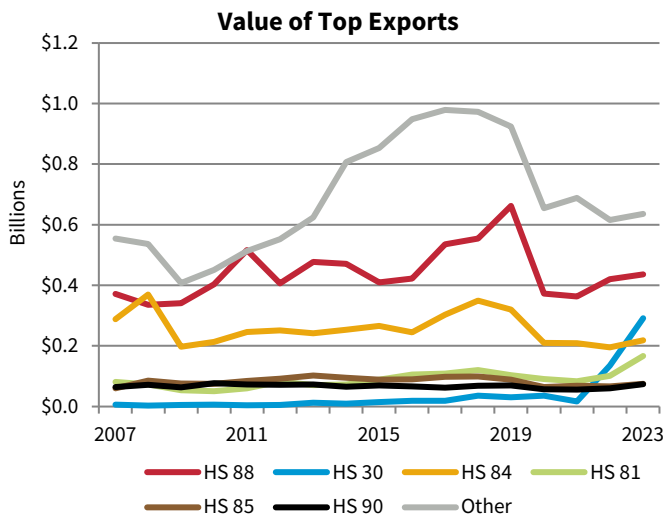
Exports to the United Kingdom



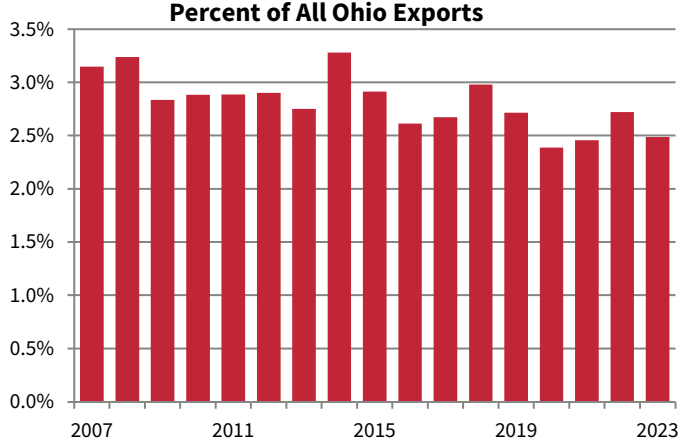
Harmonized
Tariff Schedule

	2021	2022	2023	% Chng. 22 to 23
TOTAL	\$1,484,603,831	\$1,592,959,596	\$1,894,747,688	18.9%
88 Aircraft and Parts	\$363,277,531	\$419,612,260	\$435,455,719	3.8%
30 Pharmaceutical Products	\$16,677,641	\$134,409,611	\$291,658,714	117.0%
84 Industrial Machinery, Including Computers	\$208,549,352	\$196,105,881	\$217,820,155	11.1%
81 Base Metals Nesoi; Cermet; Articles Thereof	\$83,180,058	\$100,951,138	\$166,580,930	65.0%
85 Electric Machinery; Sound Equip.; TV Equip.	\$68,788,050	\$66,415,110	\$74,204,067	11.7%
90 Optic / Photo / Medical Instruments	\$55,740,283	\$59,874,715	\$73,155,059	22.2%
97 Works of Art, Collectors Pieces and Antiques	\$5,117,300	\$3,235,111	\$70,139,497	2068.1%
75 Nickel and Articles Thereof	\$48,650,643	\$64,591,513	\$67,617,660	4.7%
33 Cosmetics, Perfumery, Essential Oils, etc	\$29,397,948	\$60,084,340	\$52,068,963	-13.3%
73 Iron and Steel Products	\$41,814,536	\$46,372,892	\$47,610,500	2.7%
39 Plastics and Articles Thereof	\$46,739,360	\$49,835,856	\$46,453,631	-6.8%
82 Tools, Implements, Cutlery of Base Metals	\$19,795,574	\$19,895,657	\$27,686,787	39.2%
76 Aluminum and Articles Thereof	\$17,815,836	\$20,117,601	\$21,175,979	5.3%
87 Vehicles and Parts	\$105,598,886	\$30,625,446	\$18,399,703	-39.9%
38 Miscellaneous Chemical Products	\$12,970,869	\$13,338,923	\$13,135,266	-1.5%
Multi Remaining commodities	\$360,489,964	\$307,493,542	\$271,585,058	-11.7%

Nesoi - Not elsewhere specified or indicated



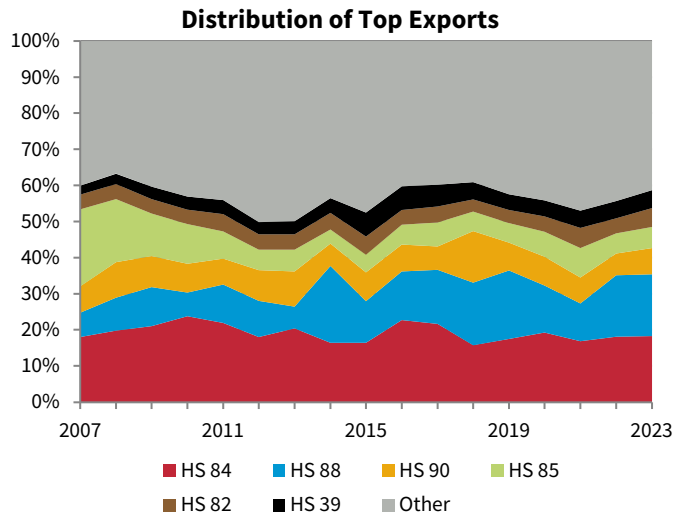
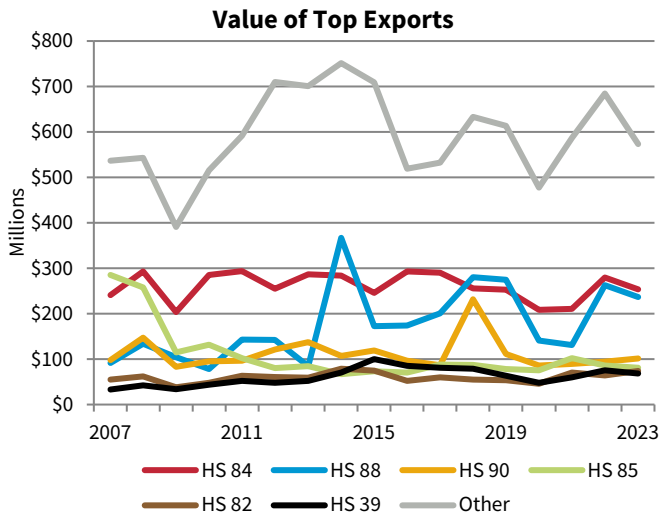
Exports to Germany



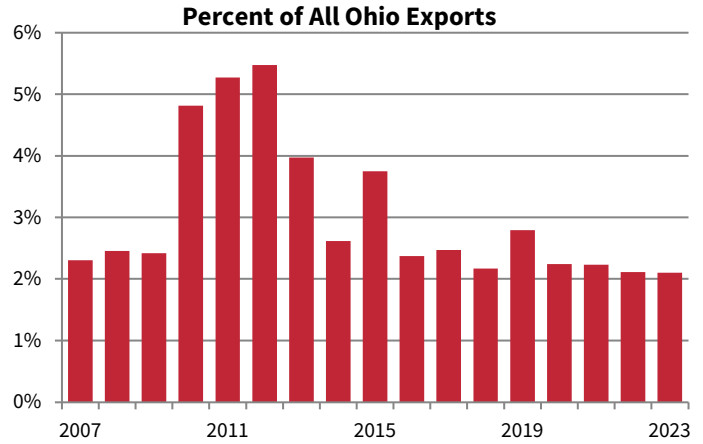
Harmonized
Tariff Schedule

	2021	2022	2023	% Chng. 22 to 23
TOTAL	\$1,247,997,729	\$1,545,575,593	\$1,386,848,929	-10.3%
84 Industrial Machinery, Including Computers	\$210,067,752	\$279,597,690	\$253,266,630	-9.4%
88 Aircraft and Parts	\$130,610,622	\$262,690,817	\$236,682,178	-9.9%
90 Optic / Photo / Medical Instruments	\$89,520,110	\$93,846,292	\$101,202,264	7.8%
85 Electric Machinery; Sound Equip.; TV Equip.	\$102,069,166	\$85,801,462	\$80,916,886	-5.7%
82 Tools, Implements, Cutlery of Base Metals	\$69,947,489	\$63,918,351	\$73,381,791	14.8%
39 Plastics and Articles Thereof	\$59,319,129	\$75,144,073	\$68,350,467	-9.0%
87 Vehicles and Parts	\$160,699,266	\$103,965,574	\$59,371,482	-42.9%
30 Pharmaceutical Products	\$18,447,848	\$28,479,746	\$55,717,832	95.6%
74 Copper and Articles Thereof	\$36,563,991	\$45,987,958	\$43,427,381	-5.6%
68 Articles of Stone, Plaster, Cement, Asbestos	\$15,741,027	\$21,086,786	\$36,105,327	71.2%
29 Organic Chemicals	\$66,812,701	\$67,284,068	\$35,153,613	-47.8%
73 Iron and Steel Products	\$23,328,663	\$28,340,760	\$29,191,454	3.0%
38 Miscellaneous Chemical Products	\$25,572,917	\$34,244,932	\$27,488,289	-19.7%
40 Rubber and Articles Thereof	\$13,098,701	\$25,089,894	\$23,997,413	-4.4%
12 Oil Seed, Miscellaneous Grain	\$9,724,778	\$58,185,088	\$21,768,479	-62.6%
Multi Remaining commodities	\$216,473,569	\$271,912,102	\$240,827,443	-11.4%

Nesoi - Not elsewhere specified or indicated



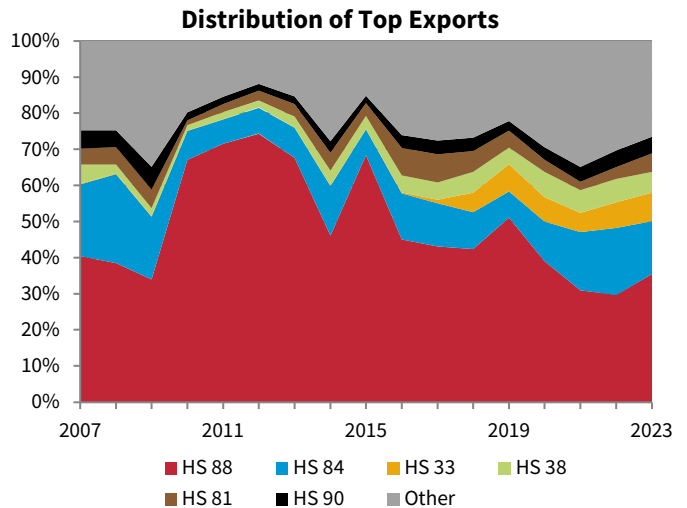
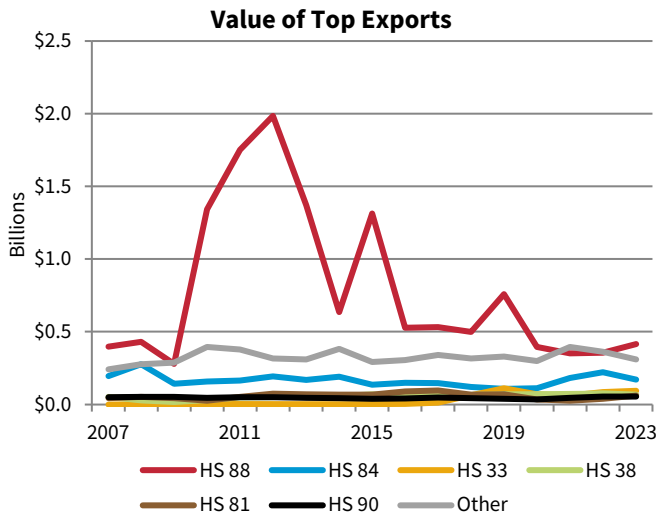
Exports to France



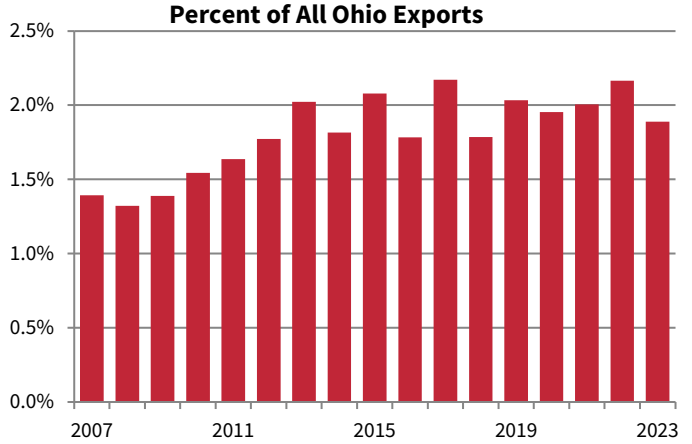
Harmonized
Tariff Schedule

	2021	2022	2023	% Chng. 22 to 23
TOTAL	\$1,134,290,216	\$1,199,335,288	\$1,171,108,136	-2.4%
88 Aircraft and Parts	\$351,136,435	\$355,775,770	\$415,289,735	16.7%
84 Industrial Machinery, Including Computers	\$182,937,033	\$222,551,551	\$170,850,442	-23.2%
33 Cosmetics, Perfumery, Essential Oils, etc	\$60,089,749	\$85,143,998	\$93,282,603	9.6%
38 Miscellaneous Chemical Products	\$71,381,419	\$77,928,166	\$66,549,397	-14.6%
81 Base Metals Nesoi; Cermet; Articles Thereof	\$26,696,542	\$39,185,423	\$60,489,129	54.4%
90 Optic / Photo / Medical Instruments	\$46,351,870	\$55,490,198	\$54,256,152	-2.2%
85 Electric Machinery; Sound Equip.; TV Equip.	\$123,585,441	\$68,809,801	\$43,361,984	-37.0%
39 Plastics and Articles Thereof	\$27,399,511	\$33,978,864	\$34,048,035	0.2%
73 Iron and Steel Products	\$15,623,659	\$20,557,784	\$27,539,131	34.0%
75 Nickel and Articles Thereof	\$8,058,046	\$16,002,787	\$25,727,390	60.8%
76 Aluminum and Articles Thereof	\$10,090,742	\$18,771,185	\$18,911,968	0.7%
87 Vehicles and Parts	\$85,203,491	\$45,266,487	\$17,848,060	-60.6%
29 Organic Chemicals	\$19,520,024	\$15,154,488	\$13,003,344	-14.2%
97 Works of Art, Collectors Pieces and Antiques	\$3,886,738	\$3,392,395	\$8,278,757	144.0%
83 Miscellaneous Articles Of Base Metal	\$2,359,345	\$3,734,336	\$7,974,620	113.5%
Multi Remaining commodities	\$99,970,171	\$137,592,055	\$113,697,389	-17.4%

Nesoi - Not elsewhere specified or indicated



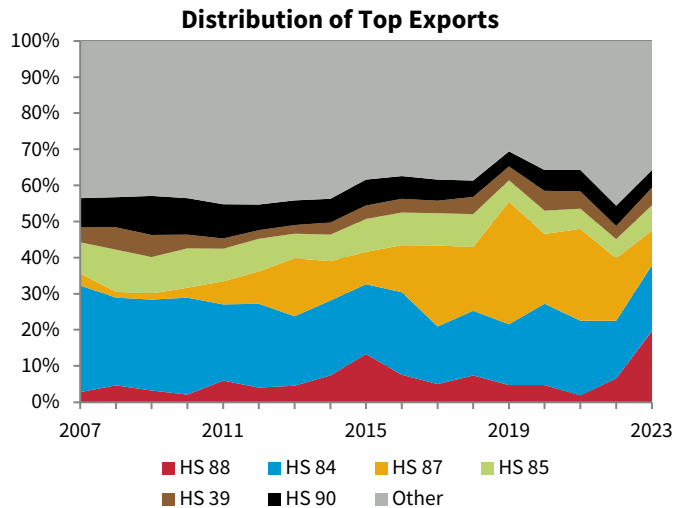
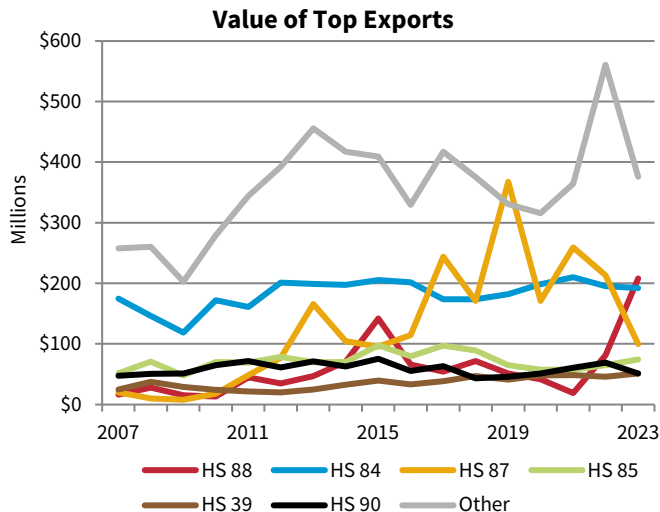
Exports to Korea



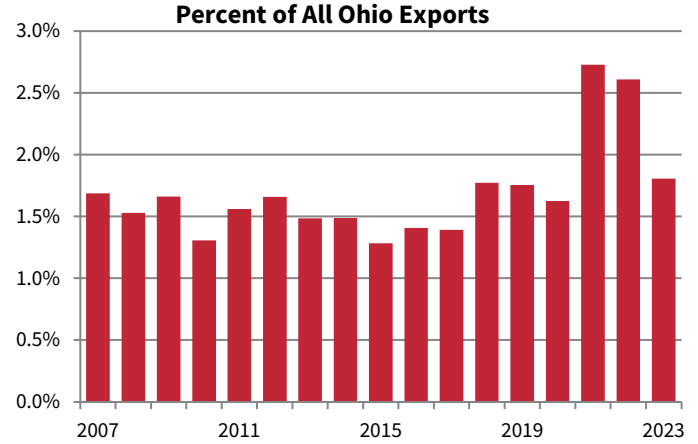
Harmonized
Tariff Schedule

	2021	2022	2023	% Chng. 22 to 23
TOTAL	\$1,018,586,348	\$1,229,473,926	\$1,052,544,163	-14.4%
88 Aircraft and Parts	\$18,909,446	\$81,126,731	\$207,978,512	156.4%
84 Industrial Machinery, Including Computers	\$210,413,897	\$195,536,890	\$192,150,762	-1.7%
87 Vehicles and Parts	\$259,242,702	\$212,972,546	\$99,605,653	-53.2%
85 Electric Machinery; Sound Equip.; TV Equip.	\$57,207,426	\$64,578,110	\$74,266,794	15.0%
39 Plastics and Articles Thereof	\$48,220,361	\$45,683,321	\$51,322,357	12.3%
90 Optic / Photo / Medical Instruments	\$60,346,113	\$68,762,123	\$51,053,169	-25.8%
38 Miscellaneous Chemical Products	\$46,784,287	\$47,039,783	\$36,592,331	-22.2%
27 Mineral Fuel, Oil, etc	\$1,319,628	\$50,607,161	\$30,657,549	-39.4%
70 Glass and Glassware	\$25,903,260	\$25,978,690	\$29,006,282	11.7%
28 Inorganic Chemicals; Rare-Earths	\$9,136,121	\$25,127,526	\$26,584,543	5.8%
29 Organic Chemicals	\$21,912,644	\$24,066,127	\$19,288,003	-19.9%
30 Pharmaceutical Products	\$19,489,866	\$150,670,774	\$18,832,327	-87.5%
33 Cosmetics, Perfumery, Essential Oils, etc	\$10,574,680	\$16,974,881	\$17,699,625	4.3%
73 Iron and Steel Products	\$24,133,728	\$25,891,362	\$17,479,767	-32.5%
82 Tools, Implements, Cutlery of Base Metals	\$9,458,339	\$13,891,412	\$16,069,929	15.7%
Multi Remaining commodities	\$195,533,850	\$180,566,489	\$163,956,560	-9.2%

Nesoi - Not elsewhere specified or indicated



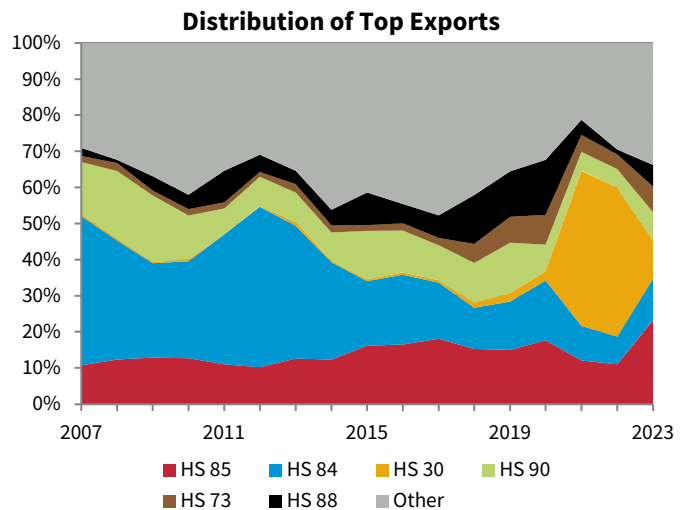
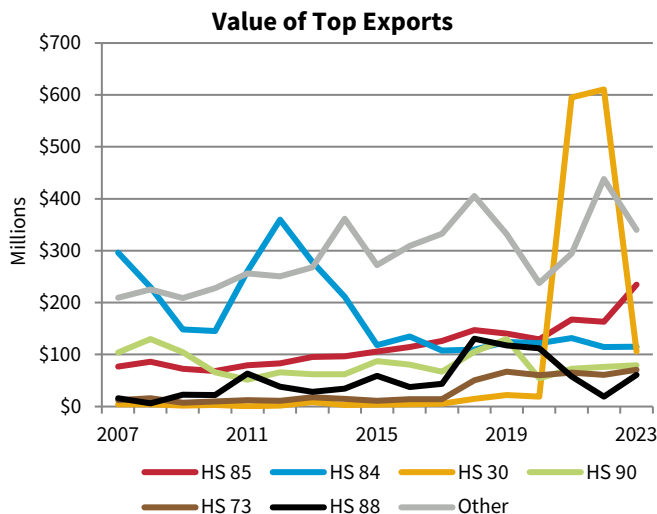
Exports to The Netherlands



Harmonized
Tariff Schedule

	2021	2022	2023	% Chng. 22 to 23
TOTAL	\$1,384,580,647	\$1,481,487,762	\$1,007,228,940	-32.0%
85 Electric Machinery; Sound Equip.; TV Equip.	\$167,338,758	\$162,845,076	\$234,676,071	44.1%
84 Industrial Machinery, Including Computers	\$131,830,171	\$114,134,929	\$115,040,146	0.8%
30 Pharmaceutical Products	\$595,178,574	\$610,776,795	\$106,080,387	-82.6%
90 Optic / Photo / Medical Instruments	\$72,781,454	\$75,943,061	\$79,364,224	4.5%
73 Iron and Steel Products	\$65,387,996	\$60,720,645	\$71,007,642	16.9%
88 Aircraft and Parts	\$57,504,565	\$19,086,598	\$60,833,416	218.7%
27 Mineral Fuel, Oil, etc	\$14,064,801	\$71,790,534	\$36,173,980	-49.6%
39 Plastics and Articles Thereof	\$44,417,627	\$52,640,051	\$34,061,733	-35.3%
29 Organic Chemicals	\$33,534,350	\$46,878,888	\$32,650,011	-30.4%
12 Oil Seed, Miscellaneous Grain	\$10,815,557	\$23,129,238	\$24,083,727	4.1%
33 Cosmetics, Perfumery, Essential Oils, etc	\$9,478,135	\$52,052,333	\$19,186,996	-63.1%
34 Soap, Waxes, Lubricating Preparations, etc	\$28,449,649	\$20,622,530	\$18,208,365	-11.7%
32 Tanning, Dye, Paint, Putty	\$14,905,998	\$15,972,895	\$16,017,103	0.3%
38 Miscellaneous Chemical Products	\$20,855,679	\$17,038,753	\$12,892,728	-24.3%
40 Rubber and Articles Thereof	\$11,631,906	\$9,690,520	\$12,388,373	27.8%
Multi Remaining commodities	\$106,405,427	\$128,164,916	\$134,564,038	5.0%

Nesoi - Not elsewhere specified or indicated



Employment and Businesses Related to Exports

Goods exported from Ohio supported an estimated 194,100 jobs in 2021. Eighty-eight percent of these jobs were supported by manufactured goods exports.

A total of 15,534 companies exported from Ohio in 2020. Of those, 13,718 (88 percent) were small and medium-sized enterprises with fewer than 500 employees.

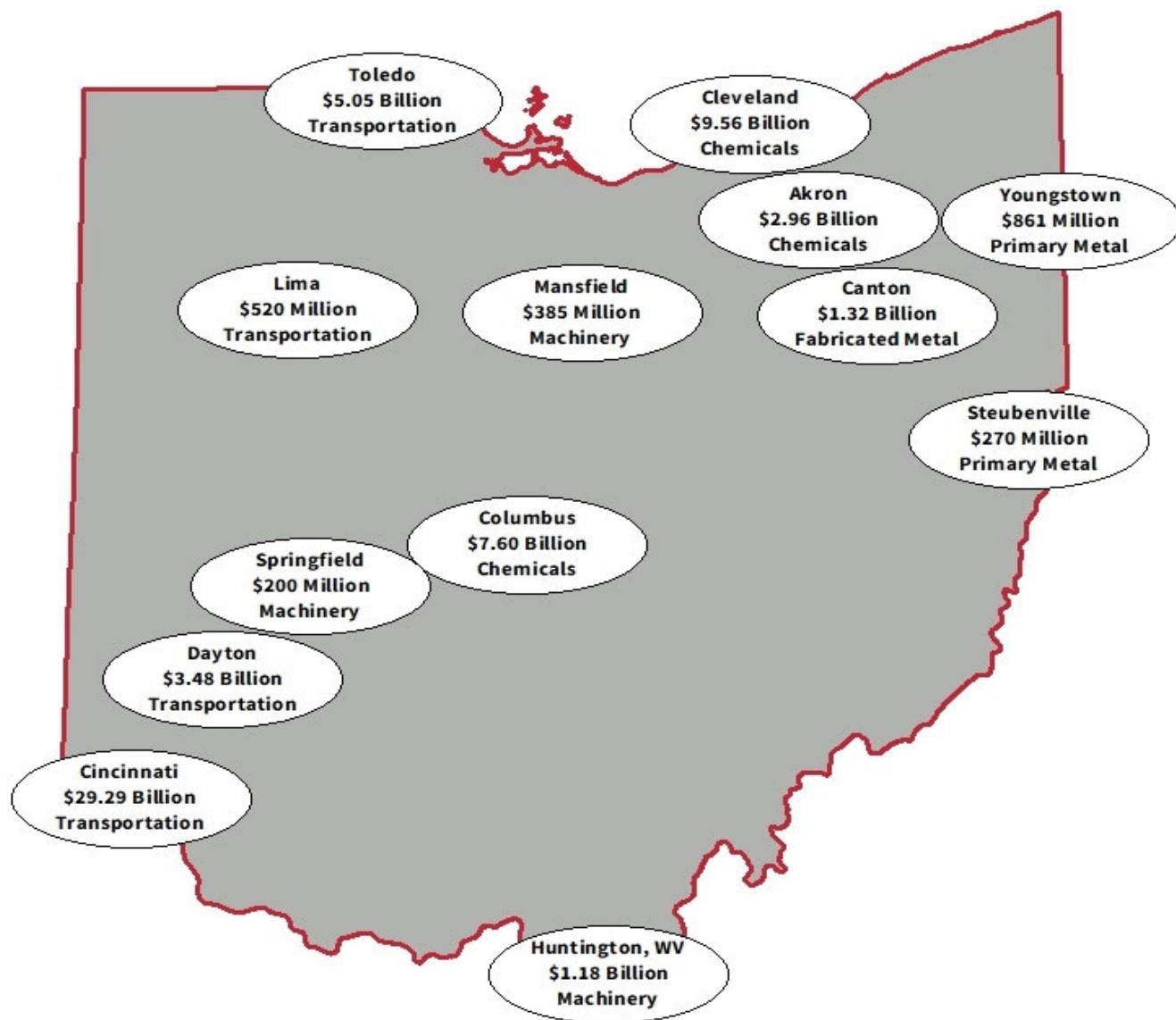
Small and medium-sized firms generated 22.7 percent of Ohio's total exports of merchandise in 2019.

Source: International Trade Administration and Bureau of the Census, U.S. Department of Commerce; <https://www.trade.gov/feature-article/otea-publications>



Metropolitan Area Exports: 2022

Value of exports for metropolitan areas in or partially in Ohio with the largest export sector.



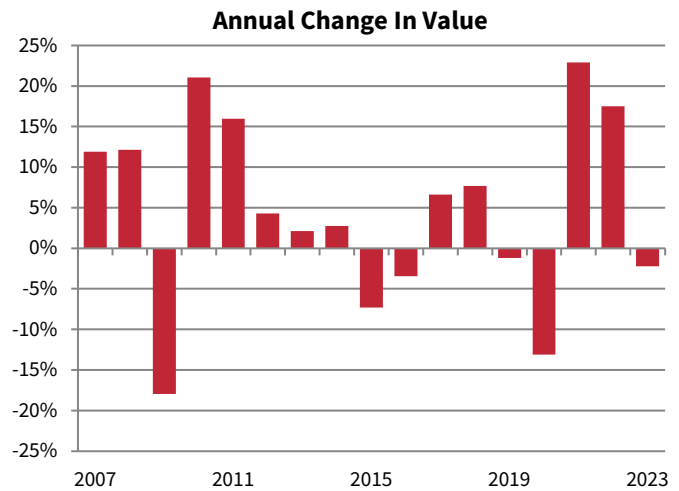
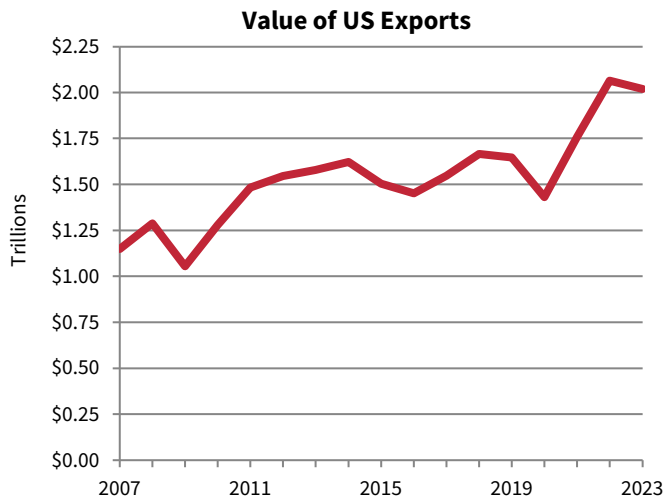
The Cincinnati Metropolitan Area had exports of \$29.29 billion in 2022 which led the 13 metropolitan areas in Ohio. This figure represented a 26.2 percent increase over the previous year. Nearly 45 percent, \$13.11 billion, of the exports were in the transportation equipment sector with chemicals a distant second at \$6.9 billion.

The Cleveland-Elyria Metropolitan Area was second in exports at \$9.56 billion, an increase of 11.7 percent since 2021. Chemicals accounted for 18 percent of exports followed closely by fabricated metal products.

Third in exports was the Columbus Metropolitan Area at \$7.60 billion, an increase of 15.8 percent. Thirty percent of the exports, \$2.28 billion, were in the chemicals sector. Transportation equipment accounted for \$712 million.

It should be noted that metropolitan area exports are ZIP code based while the rest of this report is origin state based. While the original source of the data is the same the totals for the state can differ because of how the export declarations are completed.

US Exports



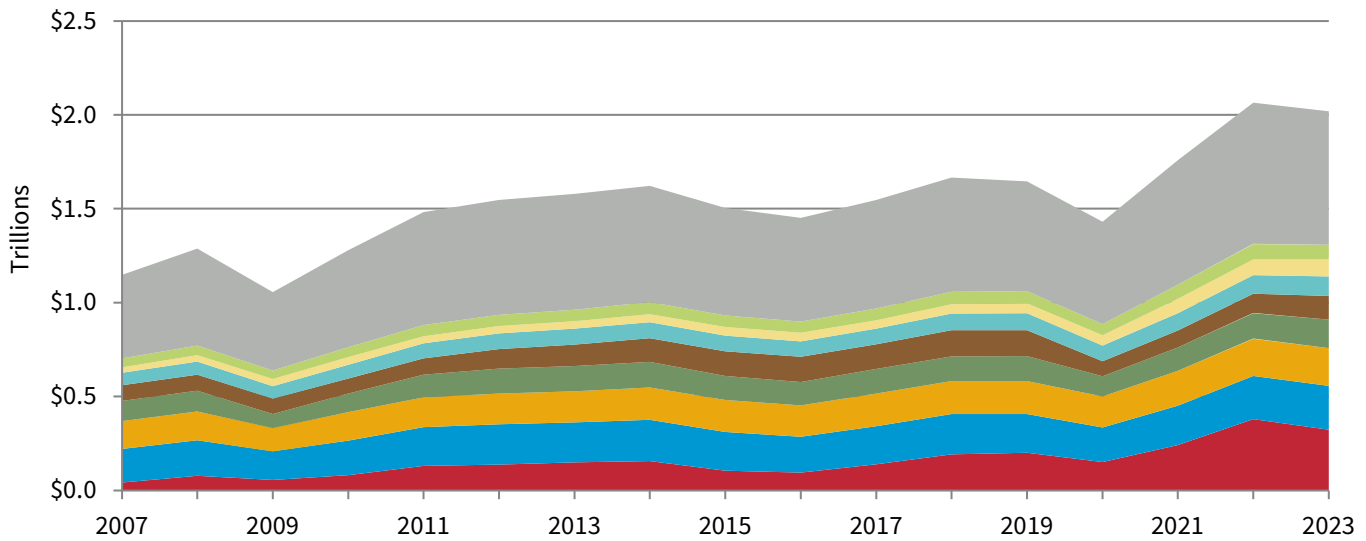
US Top 25 Exported Commodities: 2023

Harmonized Schedule Code	2021	2022	2023	% Chng. 22 to 23
Total All Commodities	\$1,757,821,567,908	\$2,065,156,971,432	\$2,019,159,665,204	-2.2%
27 Mineral Fuel, Oil, etc	\$240,779,448,430	\$380,082,779,825	\$323,170,541,814	-15.0%
84 Industrial Machinery, Incl. Computers	\$209,822,225,668	\$229,933,811,772	\$233,009,958,652	1.3%
85 Electric Machinery; Sound/TV Equip.	\$186,015,716,442	\$198,136,802,943	\$200,654,688,507	1.3%
87 Vehicles and Parts	\$124,852,860,975	\$136,074,176,072	\$152,826,672,481	12.3%
88 Aircraft and Parts	\$89,536,117,263	\$103,291,643,304	\$124,909,470,220	20.9%
90 Optic / Photo / Medical Instruments	\$91,674,112,119	\$99,036,480,813	\$105,107,609,201	6.1%
30 Pharmaceutical Products	\$77,817,498,918	\$83,117,486,585	\$90,308,212,767	8.7%
39 Plastics and Articles Thereof	\$74,357,493,151	\$83,345,030,629	\$77,796,410,810	-6.7%
71 Precious Stones/Metals; Jewelry	\$82,463,999,344	\$92,295,542,466	\$76,672,348,128	-16.9%
29 Organic Chemicals	\$43,171,483,341	\$51,362,497,808	\$51,730,962,501	0.7%
38 Miscellaneous Chemical Products	\$36,877,104,696	\$41,153,095,582	\$38,635,586,527	-6.1%
12 Oil Seed, Miscellaneous Grain	\$33,063,376,546	\$40,200,339,464	\$33,904,016,099	-15.7%
10 Cereals	\$30,381,470,051	\$31,365,546,826	\$23,343,580,193	-25.6%
73 Iron and Steel Products	\$19,337,711,283	\$22,081,506,849	\$22,722,823,731	2.9%
02 Meat	\$22,108,203,948	\$23,370,032,340	\$21,807,420,973	-6.7%
72 Iron and Steel	\$18,682,974,116	\$21,099,121,740	\$20,463,485,249	-3.0%
23 Food Ind. Residues; Animal Feed	\$13,127,528,960	\$14,712,418,814	\$15,822,092,885	7.5%
28 Inorganic Chemicals; Rare-Earths	\$13,498,374,294	\$16,872,262,804	\$15,010,743,432	-11.0%
48 Paper, Paperboard, etc	\$15,355,612,189	\$17,079,402,214	\$14,967,434,283	-12.4%
33 Cosmetics, Perfumery, etc	\$13,576,106,635	\$14,312,450,915	\$14,951,439,032	4.5%
08 Edible Fruit and Nuts	\$15,053,598,515	\$14,759,214,193	\$14,865,302,927	0.7%
40 Rubber and Articles Thereof	\$13,201,528,647	\$14,678,892,978	\$14,646,520,856	-0.2%
76 Aluminum and Articles Thereof	\$12,034,097,275	\$14,540,880,565	\$14,277,975,455	-1.8%
97 Works of Art, Antiques, etc.	\$8,679,379,898	\$10,996,899,070	\$11,126,130,645	1.2%
74 Copper and Articles Thereof	\$10,393,876,980	\$10,204,676,890	\$10,949,330,222	7.3%
Multi Remaining commodities	\$261,959,668,224	\$301,053,977,971	\$295,478,907,614	-1.9%

Nesoi - Not elsewhere specified or indicated

US Exports

Top 8 Exported Products: 2023



Harmonized Schedule Code		2023 Value	% of All Exports
	Total All Commodities	\$2,019,159,665,204	
27	Mineral Fuel, Oil, etc	\$323,170,541,814	16.0%
84	Ind. Machinery, Incl. Computers	\$233,009,958,652	11.5%
85	Elec. Machinery; Sound/TV Equip.	\$200,654,688,507	9.9%
87	Vehicles and Parts	\$152,826,672,481	7.6%
88	Aircraft and Parts	\$124,909,470,220	6.2%
90	Optic/Photo/Medical Instruments	\$105,107,609,201	5.2%
30	Pharmaceutical Products	\$90,308,212,767	4.5%
39	Plastics and Articles Thereof	\$77,796,410,810	3.9%
Multi	Remaining commodities	\$711,376,100,752	35.2%

Top 10 Trading Partners - 2023

	2023 Value	Pct of Total
Total	\$2,019,159,665,204	
Canada	\$352,842,805,147	17.5%
Mexico	\$323,227,913,110	16.0%
China	\$147,805,636,446	7.3%
Netherlands	\$82,188,780,503	4.1%
Germany	\$76,699,257,272	3.8%
Japan	\$76,165,162,290	3.8%
United Kingdom	\$74,089,917,106	3.7%
Korea	\$64,836,373,607	3.2%
Brazil	\$44,807,817,218	2.2%
France	\$44,256,511,853	2.2%
Others	\$732,239,490,652	36.3%

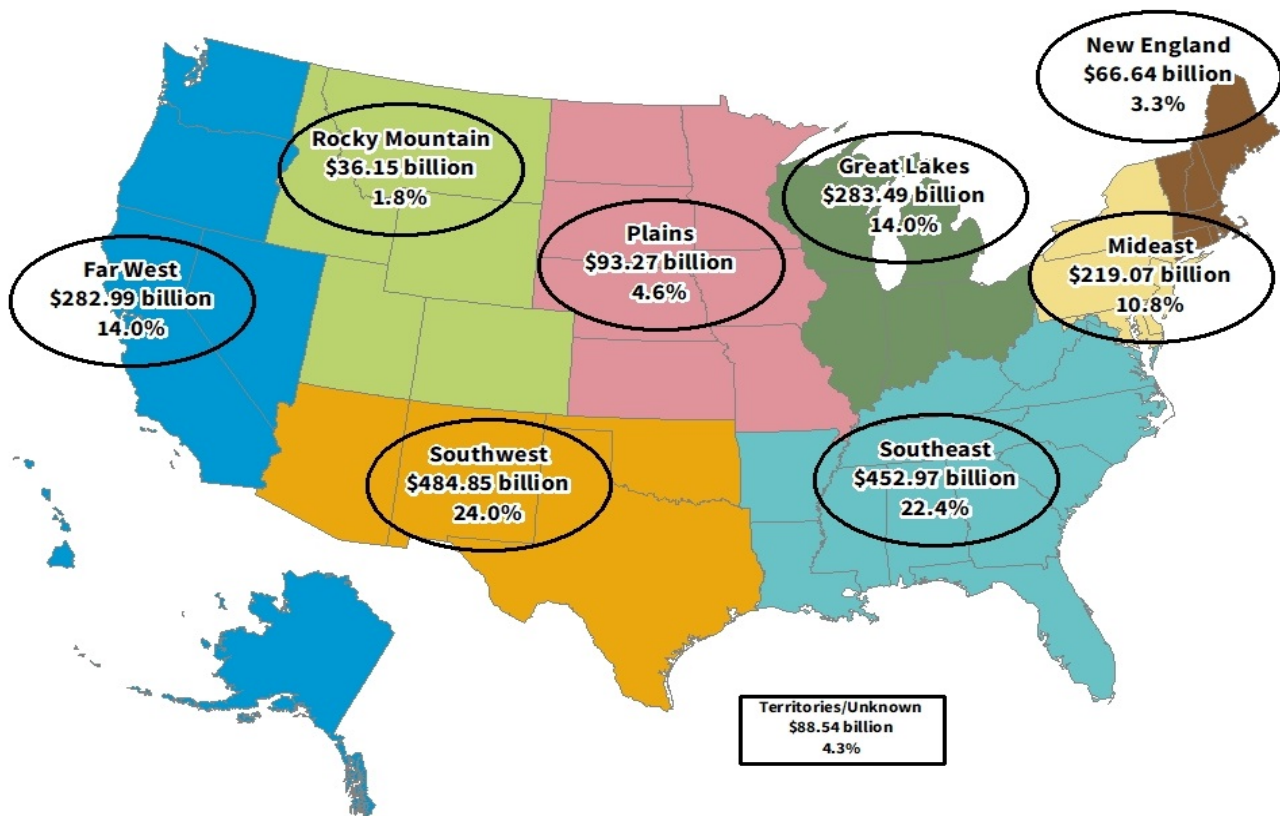
Top 10 Trading Partners - 2021 to 2023

	2021 to 2023 Value	Pct of 3-yr Total
Total	\$5,842,138,204,544	
Canada	\$1,018,899,370,554	17.4%
Mexico	\$924,615,071,516	15.8%
China	\$453,249,653,695	7.8%
Japan	\$231,081,446,617	4.0%
Germany	\$214,560,589,141	3.7%
United Kingdom	\$211,963,647,020	3.6%
Netherlands	\$208,590,653,478	3.6%
Korea	\$202,816,104,686	3.5%
Brazil	\$145,565,581,499	2.5%
India	\$127,264,837,140	2.2%
Others	\$2,103,531,249,198	36.0%

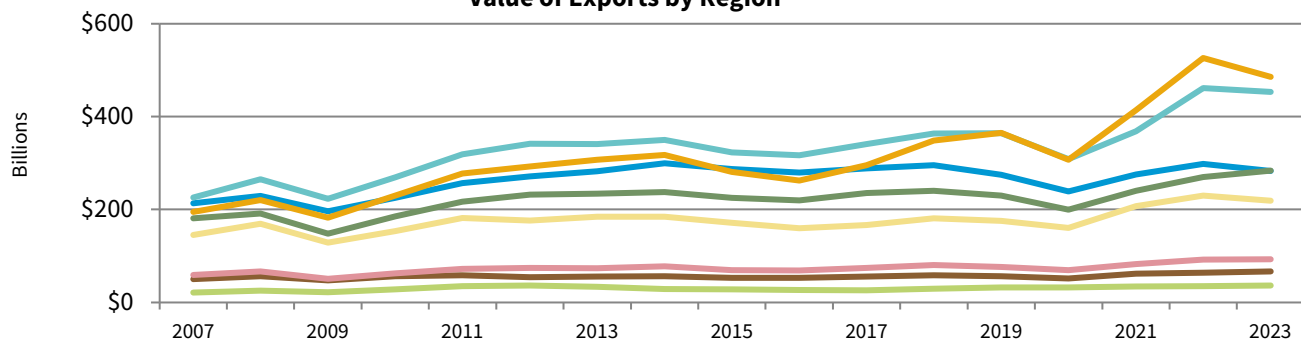
Regional Exports

			% Share	% Chng.	Top Export	% Share
	2022	2023	U.S.	21 to 22		Region
U.S.	\$2,065,156,971,432	\$2,019,159,665,204	100.0%	-2.2%	Mineral Fuel, Oil, etc	16.0%
Far West	\$298,058,255,356	\$282,990,877,498	14.0%	-5.1%	Electric Machinery	15.2%
Great Lakes	\$269,590,399,423	\$283,494,958,761	14.0%	5.2%	Vehicles and Parts	18.8%
Mideast	\$230,122,337,182	\$219,065,169,528	10.8%	-4.8%	Prec. Stones; Jewelry	21.9%
New England	\$64,149,737,307	\$66,641,550,350	3.3%	3.9%	Industrial Machinery	18.5%
Plains	\$91,996,911,690	\$93,271,931,570	4.6%	1.4%	Industrial Machinery	13.2%
Rocky Mountain	\$34,803,208,725	\$36,150,321,475	1.8%	3.9%	Prec. Stones; Jewelry	21.5%
Southeast	\$461,547,655,576	\$452,969,559,852	22.4%	-1.9%	Mineral Fuel, Oil, etc	16.1%
Southwest	\$526,346,011,467	\$484,850,219,808	24.0%	-7.9%	Mineral Fuel, Oil, etc	43.4%
Territories/Unknown	\$88,542,454,706	\$99,725,076,362	4.9%	12.6%	---	---

Value and Share of US Exports by Region: 2023



Value of Exports by Region



Exports by State
Value and Top Export

	2022	2023	% Share U.S.	% Chng. 21 to 22	Top Export	% Share State
U.S.	\$2,065,156,971,432	\$2,019,159,665,204	100.0%	-2.2%	Mineral Fuel, Oil, etc	16.0%
Texas	\$487,417,115,722	\$444,607,847,971	22.0%	-8.8%	Mineral Fuel, Oil, etc	47.2%
California	\$186,238,291,351	\$178,717,233,682	8.9%	-4.0%	Electric Machinery	16.9%
Louisiana	\$121,371,920,402	\$100,196,958,338	5.0%	-17.4%	Mineral Fuel, Oil, etc	57.7%
New York	\$109,498,892,951	\$97,827,770,355	4.8%	-10.7%	Prec. Stones; Jewelry	39.9%
Illinois	\$78,673,265,748	\$78,723,724,164	3.9%	0.1%	Industrial Machinery	17.8%
Florida	\$67,728,742,046	\$68,898,735,206	3.4%	1.7%	Electric Machinery	17.8%
Michigan	\$61,408,780,472	\$64,904,072,651	3.2%	5.7%	Vehicles and Parts	40.5%
Washington	\$61,197,507,192	\$61,209,156,009	3.0%	0.0%	Aircraft and Parts	33.5%
Indiana	\$45,271,637,174	\$56,081,285,733	2.8%	23.9%	Pharmaceutical Products	19.3%
Ohio	\$56,804,312,400	\$55,764,434,469	2.8%	-1.8%	Industrial Machinery	17.2%
Pennsylvania	\$49,797,164,907	\$52,876,024,913	2.6%	6.2%	Pharmaceutical Products	14.8%
Georgia	\$47,358,205,036	\$49,772,039,901	2.5%	5.1%	Aircraft and Parts	17.5%
New Jersey	\$46,227,689,915	\$43,334,481,292	2.1%	-6.3%	Prec. Stones; Jewelry	17.3%
North Carolina	\$40,198,349,246	\$42,222,669,363	2.1%	5.0%	Pharmaceutical Products	25.1%
Kentucky	\$34,481,233,042	\$40,211,871,232	2.0%	16.6%	Aircraft and Parts	33.1%
Tennessee	\$38,220,805,196	\$38,120,159,093	1.9%	-0.3%	Industrial Machinery	17.7%
South Carolina	\$31,501,081,224	\$37,297,375,399	1.8%	18.4%	Vehicles and Parts	33.3%
Massachusetts	\$32,694,235,532	\$35,221,223,393	1.7%	7.7%	Pharmaceutical Products	23.4%
Arizona	\$27,293,778,066	\$28,791,294,080	1.4%	5.5%	Electric Machinery	25.2%
Wisconsin	\$27,432,403,629	\$28,021,441,744	1.4%	2.1%	Industrial Machinery	27.2%
Oregon	\$34,501,960,347	\$27,717,762,791	1.4%	-19.7%	Electric Machinery	28.5%
Alabama	\$25,886,017,994	\$27,446,531,415	1.4%	6.0%	Vehicles and Parts	45.4%
Minnesota	\$27,224,739,775	\$24,920,447,589	1.2%	-8.5%	Optic, Med. Instruments	16.9%
Virginia	\$24,952,251,214	\$22,395,116,756	1.1%	-10.2%	Mineral Fuel, Oil, etc	18.8%
Iowa	\$18,056,783,113	\$18,439,007,311	0.9%	2.1%	Industrial Machinery	16.5%
Maryland	\$17,826,843,101	\$18,359,648,798	0.9%	3.0%	Mineral Fuel, Oil, etc	18.4%
Missouri	\$16,213,470,808	\$17,858,447,676	0.9%	10.1%	Vehicles and Parts	21.4%
Utah	\$16,591,800,839	\$17,388,136,260	0.9%	4.8%	Prec. Stones; Jewelry	40.9%
Connecticut	\$15,343,971,701	\$15,824,738,604	0.8%	3.1%	Aircraft and Parts	30.0%
Mississippi	\$16,147,967,298	\$14,305,487,992	0.7%	-11.4%	Mineral Fuel, Oil, etc	31.4%
Kansas	\$13,999,318,307	\$14,147,918,556	0.7%	1.1%	Aircraft and Parts	19.6%
Colorado	\$10,293,959,543	\$10,377,615,814	0.5%	0.8%	Meat	17.3%
Nevada	\$10,112,558,607	\$9,533,078,471	0.5%	-5.7%	Prec. Stones; Jewelry	29.8%
Nebraska	\$8,902,096,361	\$7,986,562,033	0.4%	-10.3%	Meat	26.8%
New Hampshire	\$7,254,908,987	\$7,638,454,770	0.4%	5.3%	Aircraft and Parts	22.0%
North Dakota	\$5,245,927,273	\$7,520,114,879	0.4%	43.4%	Mineral Fuel, Oil, etc	50.0%
Oklahoma	\$6,821,766,391	\$6,510,811,149	0.3%	-4.6%	Industrial Machinery	29.7%
Arkansas	\$5,907,113,898	\$6,450,277,790	0.3%	9.2%	Aircraft and Parts	13.3%
West Virginia	\$7,793,968,980	\$5,652,337,367	0.3%	-27.5%	Industrial Machinery	26.0%
Alaska	\$5,574,284,141	\$5,243,510,147	0.3%	-5.9%	Fish & Crustaceans	38.2%
New Mexico	\$4,813,351,288	\$4,940,266,608	0.2%	2.6%	Industrial Machinery	41.2%
Delaware	\$5,241,538,654	\$4,920,971,511	0.2%	-6.1%	Plastics	15.6%
Idaho	\$4,078,770,069	\$4,011,014,587	0.2%	-1.7%	Electric Machinery	19.6%
Rhode Island	\$2,889,729,511	\$3,015,563,168	0.1%	4.4%	Prec. Stones; Jewelry	30.8%
Maine	\$3,462,621,290	\$2,950,890,669	0.1%	-14.8%	Fish & Crustaceans	14.0%
South Dakota	\$2,354,576,053	\$2,399,433,526	0.1%	1.9%	Meat	17.8%
Montana	\$1,964,144,709	\$2,231,011,217	0.1%	13.6%	Mineral Fuel, Oil, etc	12.3%
Wyoming	\$1,874,533,565	\$2,142,543,597	0.1%	14.3%	Inorganic Chemicals	75.1%
Vermont	\$2,504,270,286	\$1,990,679,746	0.1%	-20.5%	Electric Machinery	32.5%
District Of Columbia	\$1,530,207,654	\$1,746,272,659	0.1%	14.1%	Aircraft and Parts	36.5%
Hawaii	\$433,653,718	\$570,136,398	0.0%	31.5%	Aircraft and Parts	36.1%
Territory/Unknown	\$88,542,454,706	\$99,725,076,362	4.9%	12.6%	---	---

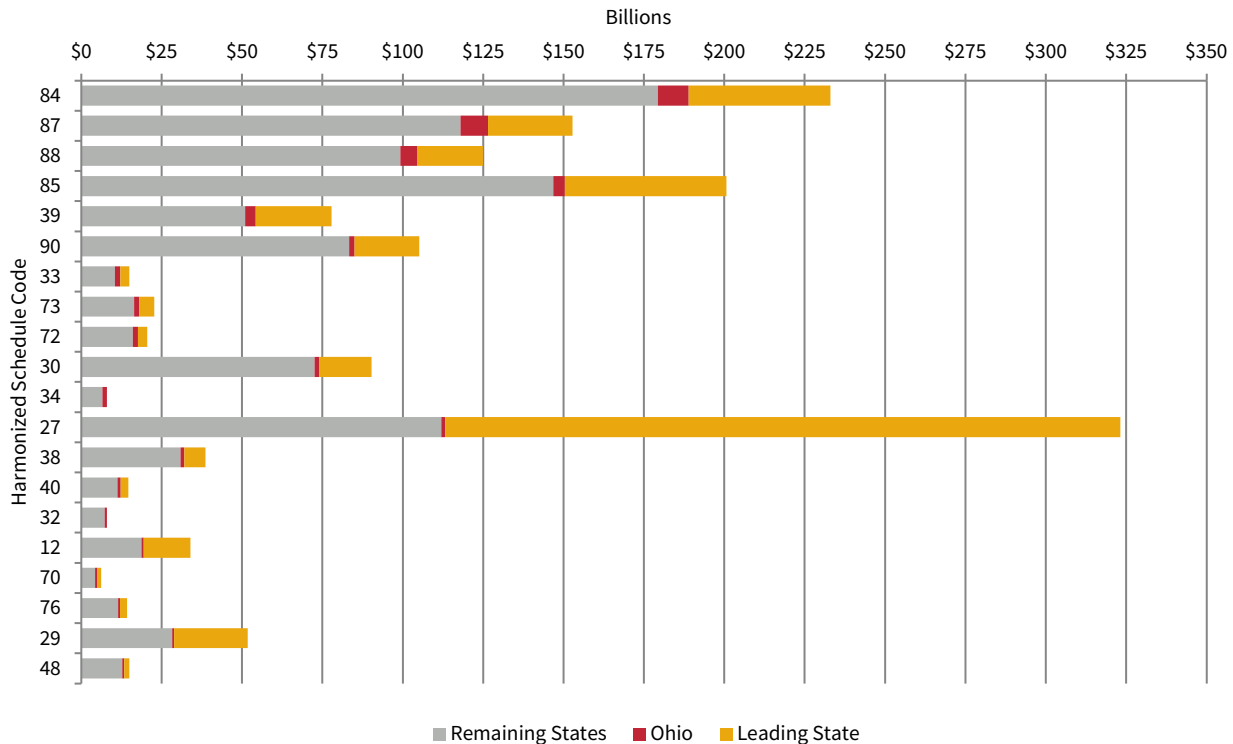
Ohio's Top Twenty Exports: 2023

State Rank and Share of U.S. Exports

Harmonized Schedule Code	Commodity	Ohio's State Ranking	Ohio's Share of U.S. Exports	Leading State	Leading State Share of U.S. Exports
84	Industrial Machinery, Including Computers	5th	4.1%	Texas	18.9%
87	Vehicles and Parts	7th	5.6%	Michigan	17.2%
88	Aircraft and Parts	9th	4.1%	Washington	16.4%
85	Electric Machinery; Sound Equip.; TV Equip.	15th	1.8%	Texas	25.1%
39	Plastics and Articles Thereof	3rd	4.3%	Texas	30.2%
90	Optic / Photo / Medical Instruments	20th	1.6%	California	19.1%
33	Cosmetics, Perfumery, Essential Oils, etc	2nd	11.2%	New Jersey	18.9%
73	Iron and Steel Products	3rd	7.2%	Texas	20.7%
72	Iron and Steel	4th	7.7%	Texas	13.8%
30	Pharmaceutical Products	12th	1.7%	Puerto Rico	18.0%
34	Soap, Waxes, Lubricating Preparations, etc	1st	17.3%	Ohio	17.3%
27	Mineral Fuel, Oil, etc	17th	0.4%	Texas	65.0%
38	Miscellaneous Chemical Products	11th	3.0%	Texas	17.1%
40	Rubber and Articles Thereof	3rd	7.1%	Texas	16.1%
32	Tanning, Dye, Paint, Putty	1st	9.3%	Ohio	9.3%
12	Oil Seed, Miscellaneous Grain	6th	2.0%	Louisiana	42.7%
70	Glass and Glassware	2nd	10.0%	Michigan	20.4%
76	Aluminum and Articles Thereof	7th	4.1%	California	15.8%
29	Organic Chemicals	12th	1.1%	Texas	44.1%
48	Paper, Paperboard, Articles of Paper Pulp	10th	3.9%	Georgia	10.8%

Nesoi - Not elsewhere specified or indicated

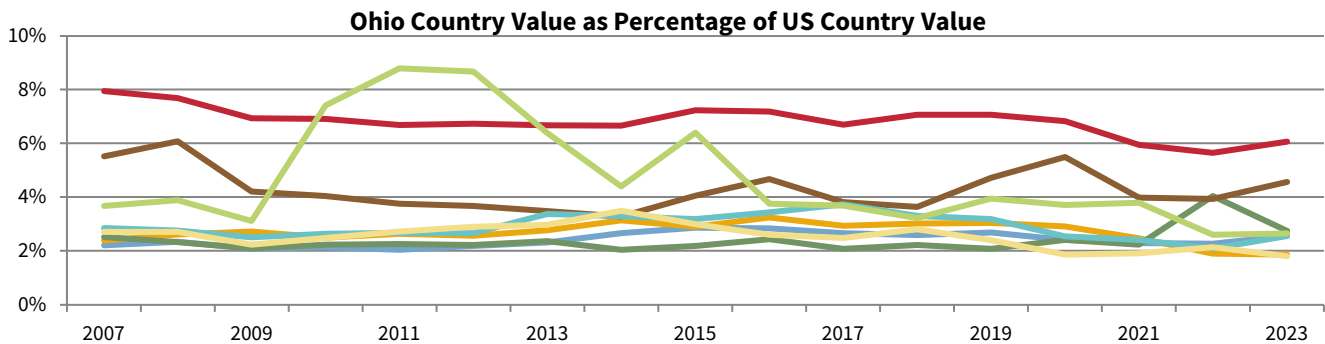
U.S. Distribution of Ohio's Top Twenty Exports



Ohio / US Comparison

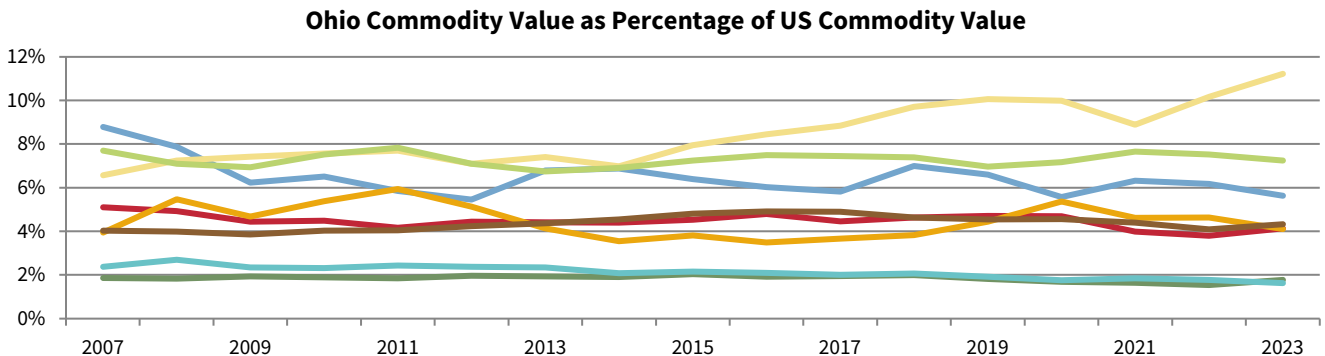
Ohio's Top 8 Destinations: 2023

Destination	Value of Ohio Exports (billions)	% of Ohio Exports	% Chng 22 to 23	US Rank	Value of US Exports (billions)	% of US Exports	% Chng 22 to 23
Total Exports	\$55.76	100.0%	-1.8%		\$2,019.16	100.0%	-2.2%
Canada	\$21.40	38.4%	6.3%	1st	\$352.84	17.5%	-1.0%
Mexico	\$8.27	14.8%	12.8%	2nd	\$323.23	16.0%	-0.3%
China	\$2.77	5.0%	-5.2%	3rd	\$147.81	7.3%	-4.0%
Japan	\$2.09	3.7%	-35.8%	6th	\$76.17	3.8%	-5.0%
Brazil	\$2.04	3.7%	-3.6%	9th	\$44.81	2.2%	-16.8%
United Kingdom	\$1.89	3.4%	18.9%	7th	\$74.09	3.7%	-2.8%
Germany	\$1.39	2.5%	-10.3%	5th	\$76.70	3.8%	5.7%
France	\$1.17	2.1%	-2.4%	10th	\$44.26	2.2%	-3.8%
Remainder	\$14.74	26.4%	-11.8%		\$879.26	43.5%	-2.5%



Ohio's Top 8 Exported Products: 2023

Harmonized Schedule Code	Commodity	Value of Ohio Exports (billions)	% of Ohio Exports	% Chng 22 to 23	US Rank	Value of US Exports (billions)	% of US Exports	% Chng 22 to 23
	Total Exports	\$55.76	100.0%	-1.8%		\$2,019.16	100.0%	-2.2%
84	Industrial Machinery	\$9.62	17.2%	10.1%	2nd	\$233.01	11.5%	1.3%
87	Vehicles and Parts	\$8.60	15.4%	2.5%	4th	\$152.83	7.6%	12.3%
88	Aircraft and Parts	\$5.13	9.2%	7.0%	5th	\$124.91	6.2%	20.9%
85	Electric Machinery	\$3.55	6.4%	16.1%	3rd	\$200.65	9.9%	1.3%
39	Plastics	\$3.36	6.0%	-1.5%	8th	\$77.80	3.9%	-6.7%
90	Optic, Med. Instruments	\$1.72	3.1%	-2.4%	6th	\$105.11	5.2%	6.1%
33	Cosmetics, Perfumery, etc	\$1.68	3.0%	15.4%	21st	\$14.95	0.7%	4.5%
73	Iron and Steel Products	\$1.64	2.9%	-0.9%	15th	\$22.72	1.1%	2.9%
Multi	Remaining commodities	\$20.48	36.7%	-13.0%		\$1,087.18	53.8%	-7.8%



Ohio and U.S. Exports by Country

Value in Millions

	Ohio			Ohio's Share of U.S.	US				
	Ohio Rank	Total 2023	Total 2021-23 Change 2022-23		US Rank	Total 2023	Total 2021-23 Change 2022-23		
Total		\$55,764.43	\$163,370.05	-1.8%		\$2,019,159.67	\$5,842,138.20	-2.2%	
Afghanistan	190	\$0.07	\$1.84	259.0%	0.1%	177	\$49.76	\$307.30	127.7%
Albania	145	\$0.98	\$2.55	68.0%	0.7%	145	\$139.25	\$353.89	19.2%
Algeria	90	\$9.62	\$46.35	260.3%	0.8%	78	\$1,214.45	\$3,196.62	1.3%
Andorra	205	\$0.01	\$0.03	-39.7%	0.2%	204	\$6.21	\$14.41	76.9%
Angola	83	\$14.91	\$33.04	90.1%	2.5%	93	\$595.28	\$1,693.03	-8.8%
Anguilla	157	\$0.62	\$1.22	162.9%	0.9%	161	\$70.20	\$236.57	-19.0%
Antigua And Barbuda	160	\$0.57	\$2.07	-27.3%	0.1%	84	\$977.34	\$2,584.73	-5.4%
Argentina	38	\$136.64	\$436.05	-4.1%	1.2%	31	\$11,441.93	\$32,205.86	-11.8%
Armenia	118	\$3.30	\$9.16	-21.2%	1.7%	131	\$188.75	\$427.95	-3.0%
Aruba	105	\$4.88	\$15.18	-3.7%	0.8%	90	\$637.76	\$1,824.13	-0.9%
Australia	11	\$929.12	\$2,656.73	3.0%	2.8%	15	\$33,678.40	\$90,687.56	10.2%
Austria	51	\$52.99	\$183.48	-24.4%	1.0%	44	\$5,530.07	\$14,235.23	15.9%
Azerbaijan	125	\$2.30	\$23.79	-88.1%	0.4%	98	\$541.55	\$859.62	190.5%
Bahamas	86	\$12.88	\$35.90	6.6%	0.2%	43	\$5,582.28	\$14,024.61	0.7%
Bahrain	76	\$22.75	\$90.42	-39.5%	1.4%	71	\$1,676.25	\$3,560.35	76.4%
Bangladesh	73	\$23.94	\$521.74	-94.1%	1.1%	65	\$2,251.99	\$7,564.49	-24.0%
Barbados	92	\$8.33	\$23.23	-7.5%	1.2%	87	\$715.67	\$2,272.98	-12.0%
Belarus	187	\$0.10	\$2.85	-32.3%	0.6%	193	\$17.30	\$275.53	-56.9%
Belgium	17	\$552.32	\$2,166.79	-23.1%	1.4%	14	\$38,828.70	\$108,349.68	8.4%
Belize	113	\$3.88	\$10.59	17.9%	0.6%	89	\$648.55	\$1,568.39	27.8%
Benin	124	\$2.30	\$7.59	-17.6%	1.0%	123	\$240.74	\$818.38	-15.8%
Bermuda	112	\$4.36	\$10.50	46.0%	0.8%	95	\$559.05	\$1,790.37	-17.7%
Bhutan	142	\$1.18	\$2.66	-0.8%	27.6%	206	\$4.29	\$14.60	-2.1%
Bolivia	70	\$27.30	\$43.46	155.7%	5.4%	102	\$504.55	\$1,551.61	2.2%
Bosnia And Herzegovina	193	\$0.05	\$0.26	17.1%	0.2%	189	\$25.29	\$132.92	-54.8%
Botswana	178	\$0.18	\$0.53	-6.9%	0.3%	163	\$68.31	\$166.36	51.2%
Brazil	5	\$2,043.30	\$6,030.12	-3.6%	4.6%	9	\$44,807.82	\$145,565.58	-16.8%
British Indian Ocean Terr.	191	\$0.06	\$0.37	-4.8%	1.9%	212	\$3.02	\$13.93	-37.3%
British Virgin Islands	132	\$1.60	\$2.97	204.2%	0.3%	106	\$462.81	\$1,220.99	-4.6%
Brunei	93	\$7.68	\$10.92	542.1%	5.4%	143	\$141.54	\$355.06	25.4%
Bulgaria	100	\$6.06	\$19.90	2.3%	1.2%	100	\$510.88	\$1,380.58	-3.7%
Burkina Faso	158	\$0.62	\$1.56	54.0%	1.3%	180	\$46.22	\$209.03	-30.2%
Burma (Myanmar)	148	\$0.93	\$1.85	260.2%	0.5%	140	\$171.53	\$515.59	31.2%
Burundi	181	\$0.14	\$0.39	34.3%	3.4%	207	\$4.05	\$13.57	-20.2%
Cabo Verde	212	\$0.00	\$0.58	-100.0%	0.0%	166	\$61.72	\$90.03	294.3%
Cambodia	77	\$20.75	\$52.77	45.7%	6.8%	120	\$305.35	\$1,166.84	-31.5%
Cameroon	123	\$2.34	\$7.28	-15.6%	1.1%	125	\$214.91	\$555.54	12.0%
Canada	1	\$21,404.89	\$59,959.29	6.3%	6.1%	1	\$352,842.81	\$1,018,899.37	-1.0%
Cayman Islands	87	\$10.21	\$21.69	84.7%	0.8%	77	\$1,282.11	\$3,931.16	-13.0%
Central African Republic	213	\$0.00	\$0.29	-100.0%	0.0%	195	\$16.93	\$56.94	-25.3%
Chad	195	\$0.04	\$0.12	-21.1%	0.1%	187	\$31.55	\$154.85	-61.3%
Chile	28	\$216.77	\$707.95	-22.4%	1.2%	22	\$18,724.48	\$58,303.18	-15.9%
China	3	\$2,766.49	\$9,431.34	-5.2%	1.9%	3	\$147,805.64	\$453,249.65	-4.0%
Christmas Island	198	\$0.03	\$0.12	101.7%	0.1%	178	\$49.01	\$51.18	3296.6%
Cocos Islands	214	\$0.00	\$0.18	-100.0%	0.0%	224	\$0.45	\$2.97	-77.7%

Ohio and U.S. Exports by Country

Value in Millions

	Ohio				Ohio's Share of U.S.	US			
	Ohio Rank	2023	Total 2021-23	Change 2022-23		US Rank	2023	Total 2021-23	Change 2022-23
Colombia	25	\$267.02	\$612.05	45.4%	1.5%	23	\$17,552.37	\$55,137.21	-15.7%
Comoros	---	\$0.00	\$0.00	n.a.	0.0%	221	\$0.96	\$5.00	-57.2%
Congo, Dem. Rep. of the Congo	137	\$1.42	\$2.92	71.4%	0.8%	130	\$189.01	\$549.79	27.0%
Congo, Republic Of The Congo	121	\$2.76	\$4.67	166.8%	1.4%	127	\$199.72	\$492.95	11.2%
Cook Islands	218	\$0.00	\$0.00	-100.0%	0.0%	205	\$5.36	\$15.84	-14.7%
Costa Rica	42	\$106.70	\$326.86	-6.1%	1.2%	38	\$9,144.10	\$24,996.93	7.6%
Croatia	117	\$3.41	\$8.15	39.9%	0.3%	82	\$1,032.21	\$3,344.22	-34.7%
Cuba	147	\$0.94	\$1.15	18670.8%	0.2%	111	\$404.38	\$1,102.97	8.8%
Curacao	127	\$2.01	\$6.62	47.2%	0.4%	103	\$500.49	\$1,350.17	-1.3%
Cyprus	99	\$6.07	\$19.52	-33.8%	3.2%	132	\$188.31	\$561.30	53.0%
Czech Republic	47	\$66.32	\$189.40	-5.3%	1.5%	48	\$4,536.63	\$11,991.93	19.5%
Denmark	45	\$78.70	\$208.55	13.6%	1.5%	45	\$5,254.77	\$13,353.74	15.3%
Djibouti	171	\$0.30	\$0.78	75.1%	0.2%	129	\$191.42	\$549.68	11.5%
Dominica	170	\$0.30	\$1.17	-27.6%	0.4%	157	\$72.11	\$591.62	-51.4%
Dominican Republic	39	\$130.37	\$378.57	-9.3%	1.0%	29	\$13,062.57	\$37,823.76	-6.8%
East Timor	159	\$0.61	\$0.99	149.7%	2.9%	190	\$21.36	\$53.37	2.3%
Ecuador	54	\$45.05	\$122.64	6.3%	0.6%	40	\$7,948.29	\$20,782.90	0.9%
Egypt	50	\$53.22	\$885.30	-88.5%	1.2%	49	\$4,486.97	\$16,708.22	-29.6%
El Salvador	59	\$36.53	\$102.71	-1.1%	0.9%	51	\$4,266.38	\$13,354.26	-13.9%
Equatorial Guinea	188	\$0.10	\$0.33	721.4%	0.1%	152	\$99.22	\$222.00	39.1%
Eritrea	217	\$0.00	\$0.02	-100.0%	0.0%	186	\$31.72	\$91.21	-3.1%
Estonia	97	\$6.22	\$23.94	0.4%	1.7%	117	\$366.00	\$1,220.45	-9.6%
Ethiopia	56	\$41.42	\$129.86	11.9%	3.4%	79	\$1,210.86	\$2,870.17	11.7%
Falkland Islands	---	\$0.00	\$0.00	n.a.	0.0%	223	\$0.47	\$0.97	187.9%
Faroe Islands	192	\$0.05	\$0.11	25.4%	1.6%	211	\$3.21	\$7.80	106.9%
Federated States of Micronesia	179	\$0.16	\$0.48	-29.9%	0.3%	175	\$52.01	\$164.38	-17.4%
Fiji	150	\$0.91	\$2.61	-23.0%	0.9%	151	\$100.64	\$344.59	58.6%
Finland	49	\$57.85	\$185.74	-0.4%	2.0%	55	\$2,905.79	\$7,281.69	9.7%
Fr.Sthern.,Antarctic Lands	220	\$0.00	\$0.07	n.a.	0.0%	216	\$1.79	\$6.76	-24.7%
France	8	\$1,171.11	\$3,504.73	-2.4%	2.6%	10	\$44,256.51	\$120,179.32	-3.8%
French Guiana	201	\$0.02	\$2.42	-99.3%	0.1%	197	\$14.24	\$493.00	-95.1%
French Polynesia	153	\$0.79	\$4.59	-39.4%	0.5%	142	\$163.84	\$440.61	10.9%
Gabon	130	\$1.79	\$3.98	65.8%	1.0%	134	\$180.29	\$442.72	35.4%
Gambia	126	\$2.05	\$5.01	13.6%	2.9%	160	\$70.25	\$191.89	3.3%
Gaza Strip Admin By Israel	203	\$0.01	\$0.01	n.a.	10.9%	231	\$0.12	\$2.52	-94.5%
Georgia	109	\$4.52	\$33.19	89.6%	0.3%	73	\$1,513.09	\$3,405.95	22.4%
Germany	7	\$1,386.85	\$4,180.42	-10.3%	1.8%	5	\$76,699.26	\$214,560.59	5.7%
Ghana	80	\$16.15	\$63.66	-15.1%	1.9%	86	\$850.83	\$2,782.97	-12.8%
Gibraltar	167	\$0.36	\$24.87	-97.4%	0.1%	122	\$250.83	\$1,287.29	-0.8%
Greece	69	\$27.49	\$73.01	11.7%	1.5%	70	\$1,785.44	\$5,723.61	-25.0%
Greenland	197	\$0.03	\$0.29	-71.1%	0.5%	203	\$6.90	\$27.40	-6.5%
Grenada	128	\$1.98	\$9.59	-29.0%	1.0%	126	\$202.15	\$494.34	20.6%
Guadeloupe	163	\$0.55	\$0.78	543.8%	0.1%	101	\$508.61	\$1,245.69	9.4%
Guatemala	41	\$112.11	\$321.14	6.1%	1.2%	36	\$9,741.80	\$28,043.22	-4.6%
Guinea	104	\$5.06	\$21.92	-57.6%	2.8%	133	\$183.33	\$455.20	52.5%
Guinea-Bissau	221	\$0.00	\$0.02	n.a.	0.0%	209	\$3.48	\$9.23	44.3%

Ohio and U.S. Exports by Country

Value in Millions

	Ohio				Ohio's Share of U.S.	US			
	Ohio Rank	2023	Total 2021-23	Change 2022-23		US Rank	2023	Total 2021-23	Change 2022-23
Guyana	89	\$9.79	\$35.33	-25.3%	0.7%	74	\$1,368.04	\$3,561.31	15.8%
Haiti	85	\$13.03	\$52.90	26.2%	1.0%	76	\$1,290.09	\$3,988.23	-8.1%
Heard And Mcdonald Islands	199	\$0.03	\$0.03	n.a.	26.9%	232	\$0.11	\$0.27	395.0%
Honduras	43	\$105.64	\$227.09	52.2%	1.6%	42	\$6,793.66	\$21,143.99	-14.7%
Hong Kong	24	\$276.45	\$797.34	14.1%	1.0%	18	\$27,768.20	\$83,495.36	7.5%
Hungary	36	\$149.41	\$419.21	-5.9%	4.8%	53	\$3,119.81	\$8,899.96	8.6%
Iceland	71	\$27.21	\$67.61	16.0%	8.3%	119	\$328.25	\$1,632.11	-51.4%
India	14	\$692.04	\$1,974.26	-4.8%	1.7%	12	\$40,116.58	\$127,264.84	-14.9%
Indonesia	18	\$480.16	\$1,171.53	40.5%	4.8%	34	\$9,943.23	\$29,125.69	1.4%
Iran	138	\$1.42	\$1.51	1475.8%	2.4%	168	\$59.01	\$143.82	29.8%
Iraq	53	\$46.86	\$69.89	300.5%	2.1%	64	\$2,258.51	\$3,983.51	151.3%
Ireland	33	\$154.23	\$451.34	-16.8%	0.9%	24	\$16,948.71	\$46,693.54	5.9%
Israel	26	\$241.96	\$765.03	-15.0%	1.7%	27	\$14,033.60	\$41,099.09	-1.2%
Italy	21	\$450.47	\$1,554.14	-21.2%	1.6%	16	\$28,930.29	\$78,325.06	4.4%
Ivory Coast	101	\$5.90	\$23.92	-62.6%	1.1%	96	\$545.43	\$1,407.22	8.9%
Jamaica	68	\$27.68	\$80.83	3.1%	1.1%	58	\$2,624.33	\$7,221.03	0.4%
Japan	4	\$2,085.45	\$6,998.20	-35.8%	2.7%	6	\$76,165.16	\$231,081.45	-5.0%
Jordan	75	\$22.86	\$63.19	28.5%	1.5%	72	\$1,532.18	\$4,315.42	-3.0%
Kazakhstan	79	\$16.61	\$35.81	42.6%	1.4%	80	\$1,160.43	\$3,046.88	7.4%
Kenya	116	\$3.43	\$13.62	-18.3%	0.7%	104	\$493.66	\$1,656.09	-18.3%
Kiribati	182	\$0.13	\$0.51	-65.8%	1.6%	202	\$8.12	\$15.12	60.1%
Korea, Republic Of	9	\$1,052.54	\$3,300.60	-14.4%	1.6%	8	\$64,836.37	\$202,816.10	-10.1%
Kosovo	200	\$0.03	\$0.18	-79.6%	0.1%	176	\$50.13	\$106.78	98.1%
Kuwait	35	\$149.53	\$857.23	-64.9%	5.1%	54	\$2,918.92	\$9,349.93	-14.0%
Kyrgyzstan	156	\$0.63	\$2.75	-62.1%	0.4%	144	\$141.20	\$236.67	130.0%
Laos	110	\$4.51	\$5.04	1264.3%	9.7%	179	\$46.61	\$120.59	15.1%
Latvia	111	\$4.43	\$11.00	37.9%	0.4%	83	\$997.33	\$1,828.22	138.7%
Lebanon	96	\$6.39	\$17.39	12.6%	1.2%	97	\$541.75	\$1,972.40	-29.3%
Lesotho	165	\$0.46	\$1.27	-40.3%	13.9%	210	\$3.29	\$17.15	-69.1%
Liberia	120	\$3.23	\$5.55	115.9%	1.3%	121	\$251.23	\$651.65	-3.7%
Libya	129	\$1.92	\$10.74	-49.5%	0.4%	107	\$446.26	\$1,032.38	53.4%
Liechtenstein	122	\$2.38	\$6.61	42.6%	2.8%	155	\$85.71	\$212.29	5.7%
Lithuania	67	\$28.92	\$108.20	-6.6%	1.0%	56	\$2,874.68	\$6,733.91	10.4%
Luxembourg	62	\$31.51	\$86.74	-11.5%	1.3%	62	\$2,365.37	\$5,547.05	43.3%
Macau	131	\$1.68	\$4.47	60.4%	0.3%	99	\$526.41	\$996.15	110.4%
Macedonia	106	\$4.87	\$12.11	33.2%	8.5%	170	\$57.21	\$151.42	17.4%
Madagascar	103	\$5.12	\$9.05	82.4%	8.3%	167	\$61.59	\$202.92	-27.6%
Malawi	180	\$0.16	\$4.22	-95.4%	0.9%	192	\$18.19	\$77.98	-50.1%
Malaysia	19	\$464.42	\$1,414.39	-10.4%	2.4%	21	\$19,441.81	\$52,805.62	6.9%
Maldives	144	\$0.98	\$4.35	-65.6%	1.4%	162	\$68.72	\$209.28	-30.8%
Mali	161	\$0.56	\$2.42	-56.5%	0.6%	150	\$100.75	\$287.88	13.8%
Malta	44	\$84.75	\$133.55	78.9%	20.0%	110	\$423.52	\$821.36	58.2%
Marshall Islands	189	\$0.09	\$0.25	-41.9%	0.2%	169	\$58.06	\$557.81	-78.2%
Martinique	133	\$1.54	\$2.34	205.4%	0.4%	112	\$390.95	\$837.88	36.4%
Mauritania	114	\$3.71	\$10.01	20.0%	2.2%	139	\$171.87	\$457.72	11.4%
Mauritius	115	\$3.70	\$6.20	252.4%	4.1%	154	\$91.07	\$271.09	-10.4%

Ohio and U.S. Exports by Country

Value in Millions

	Ohio				Ohio's Share of U.S.	US			
	Ohio Rank	2023	Total 2021-23	Change 2022-23		US Rank	2023	Total 2021-23	Change 2022-23
Mayotte	207	\$0.01	\$0.10	-28.7%	0.5%	217	\$1.73	\$10.30	-13.1%
Mexico	2	\$8,272.59	\$21,946.64	12.8%	2.6%	2	\$323,227.91	\$924,615.07	-0.3%
Moldova	175	\$0.23	\$1.26	-51.9%	0.3%	158	\$72.02	\$149.22	83.6%
Monaco	149	\$0.93	\$1.14	334.7%	1.3%	159	\$72.00	\$178.28	70.0%
Mongolia	135	\$1.48	\$3.95	88.0%	0.9%	141	\$168.15	\$465.34	13.1%
Montenegro	196	\$0.04	\$0.18	-72.5%	0.1%	181	\$45.83	\$97.99	13.9%
Montserrat	209	\$0.01	\$0.06	-89.2%	0.0%	196	\$15.58	\$35.73	57.7%
Morocco	64	\$29.98	\$94.70	-37.8%	0.8%	52	\$3,752.35	\$10,259.65	0.9%
Mozambique	151	\$0.86	\$68.99	-98.7%	0.4%	128	\$192.74	\$618.55	-18.2%
Namibia	166	\$0.38	\$4.73	-59.9%	0.2%	137	\$176.50	\$487.42	-19.0%
Nauru	---	\$0.00	\$0.00	n.a.	0.0%	219	\$1.26	\$3.60	23.8%
Nepal	136	\$1.43	\$44.14	-96.6%	2.3%	165	\$62.80	\$519.02	-75.8%
Netherlands	10	\$1,007.23	\$3,873.30	-32.0%	1.2%	4	\$82,188.78	\$208,590.65	12.3%
New Caledonia	154	\$0.77	\$2.38	13.9%	1.2%	164	\$63.37	\$213.21	-18.1%
New Zealand	46	\$67.99	\$253.13	-34.6%	1.6%	50	\$4,359.15	\$12,240.19	4.7%
Nicaragua	74	\$23.32	\$71.44	-31.3%	1.0%	61	\$2,370.81	\$7,184.35	-10.7%
Niger	177	\$0.21	\$3.38	-89.4%	0.3%	156	\$78.06	\$311.25	-18.5%
Nigeria	65	\$29.14	\$119.17	-11.7%	1.1%	59	\$2,599.32	\$9,849.13	-22.6%
Niue	---	\$0.00	\$0.00	n.a.	0.0%	233	\$0.01	\$0.59	-97.9%
Norfolk Island	---	\$0.00	\$0.00	n.a.	0.0%	230	\$0.13	\$4.72	142.1%
North Korea	---	\$0.00	\$0.00	n.a.	0.0%	228	\$0.19	\$0.19	n.a.
Norway	61	\$34.38	\$132.62	2.8%	0.7%	46	\$5,033.64	\$13,717.66	7.3%
Oman	57	\$39.12	\$114.47	-6.2%	2.1%	69	\$1,862.41	\$4,745.99	25.3%
Pakistan	72	\$23.94	\$399.80	-81.3%	1.2%	67	\$2,075.50	\$8,850.08	-34.3%
Palau	210	\$0.00	\$0.12	n.a.	0.0%	191	\$20.23	\$71.30	-17.3%
Panama	37	\$137.43	\$380.81	5.1%	1.2%	32	\$11,207.85	\$31,189.26	-6.1%
Papua New Guinea	140	\$1.34	\$7.68	-76.0%	1.0%	146	\$129.18	\$289.53	11.1%
Paraguay	94	\$6.80	\$40.35	-66.3%	0.2%	57	\$2,765.47	\$6,941.20	30.4%
Peru	40	\$122.71	\$339.64	0.7%	1.0%	30	\$12,039.07	\$36,099.82	-11.6%
Philippines	34	\$149.67	\$424.49	3.6%	1.6%	37	\$9,287.84	\$27,899.34	-0.5%
Pitcairn Island	---	\$0.00	\$0.00	n.a.	0.0%	208	\$4.02	\$4.04	29180.4%
Poland	31	\$193.66	\$604.50	-14.0%	1.8%	33	\$11,014.64	\$28,250.08	-3.2%
Portugal	48	\$61.88	\$273.17	-49.7%	2.7%	63	\$2,281.57	\$7,578.19	-22.1%
Qatar	58	\$38.43	\$174.49	-60.6%	0.8%	47	\$4,658.24	\$10,907.20	27.0%
Republic Of Yemen	172	\$0.26	\$0.88	-15.3%	0.1%	135	\$178.79	\$828.44	-52.7%
Reunion	185	\$0.10	\$0.21	35.5%	0.8%	199	\$13.62	\$32.85	40.7%
Romania	55	\$44.96	\$105.94	65.9%	3.4%	75	\$1,304.28	\$4,065.48	-3.4%
Russia	84	\$13.94	\$276.19	-66.5%	2.3%	91	\$597.27	\$8,646.04	-64.1%
Rwanda	82	\$15.63	\$32.17	-1.2%	41.1%	183	\$38.04	\$152.90	-41.5%
San Marino	219	\$0.00	\$0.31	n.a.	0.0%	213	\$1.93	\$64.55	116.4%
Sao Tome And Principe	---	\$0.00	\$0.00	n.a.	0.0%	218	\$1.49	\$13.02	-81.9%
Saudi Arabia	20	\$459.73	\$1,466.54	-22.9%	3.3%	28	\$13,873.18	\$36,404.63	21.7%
Senegal	91	\$8.34	\$25.25	-14.7%	2.4%	118	\$344.79	\$1,091.70	-5.6%
Serbia	107	\$4.84	\$19.06	-21.9%	2.0%	124	\$239.29	\$668.19	-3.5%
Seychelles	176	\$0.23	\$1.63	-79.5%	0.7%	188	\$31.40	\$61.08	71.5%
Sierra Leone	88	\$10.04	\$25.20	13.1%	9.7%	149	\$103.86	\$324.47	-2.0%

Ohio and U.S. Exports by Country

Value in Millions

	Ohio				Ohio's Share of U.S.	US			
	Ohio Rank	2023	Total 2021-23	Change 2022-23		US Rank	2023	Total 2021-23	Change 2022-23
Singapore	15	\$650.34	\$1,856.05	7.0%	1.5%	11	\$42,446.97	\$124,007.07	-8.1%
Sint Maarten	119	\$3.30	\$7.94	30.9%	0.4%	85	\$851.14	\$1,932.07	21.9%
Slovakia	95	\$6.54	\$37.16	-54.5%	1.5%	108	\$426.82	\$1,138.58	13.8%
Slovenia	98	\$6.09	\$25.55	-19.3%	1.7%	114	\$368.80	\$1,007.27	-6.9%
Solomon Islands	162	\$0.55	\$0.88	89.8%	5.7%	201	\$9.61	\$34.74	-7.5%
Somalia	173	\$0.24	\$3.58	-48.5%	0.5%	173	\$53.07	\$190.48	-37.6%
South Africa	29	\$205.53	\$490.33	36.2%	2.9%	41	\$7,156.43	\$19,146.11	9.8%
South Sudan	183	\$0.12	\$0.37	-37.1%	0.2%	174	\$52.06	\$153.20	23.3%
Spain	32	\$178.02	\$687.39	-24.0%	0.7%	19	\$25,001.17	\$68,533.05	-6.3%
Sri Lanka	102	\$5.78	\$21.49	-31.6%	1.6%	116	\$366.22	\$1,093.21	8.8%
St. Helena	206	\$0.01	\$0.04	n.a.	3.6%	227	\$0.23	\$23.22	-97.6%
St. Lucia	141	\$1.31	\$2.71	44.3%	0.2%	88	\$657.86	\$2,092.20	-26.9%
St. Pierre And Miquelon	---	\$0.00	\$0.00	n.a.	0.0%	229	\$0.14	\$0.28	1.1%
St. Vincent	164	\$0.54	\$2.30	-35.3%	0.3%	138	\$174.98	\$427.64	16.4%
St.Christopher-Nevis	155	\$0.73	\$1.36	82.0%	0.4%	136	\$178.70	\$496.50	3.0%
Sudan	211	\$0.00	\$18.66	-100.0%	0.0%	172	\$54.54	\$350.46	-61.8%
Suriname	134	\$1.50	\$4.34	-21.9%	0.3%	105	\$482.65	\$1,317.23	-9.6%
Svalbard, Jan Mayen Island	---	\$0.00	\$0.00	n.a.	0.0%	220	\$0.98	\$3.05	72.7%
Swaziland	174	\$0.23	\$0.96	87.2%	0.6%	182	\$38.12	\$147.13	-47.4%
Sweden	30	\$194.02	\$562.10	0.4%	2.3%	39	\$8,615.26	\$21,630.19	11.3%
Switzerland	23	\$284.70	\$844.65	-1.4%	1.0%	17	\$27,870.75	\$88,218.45	-24.1%
Syria	216	\$0.00	\$0.07	-100.0%	0.0%	198	\$14.07	\$34.15	59.1%
Taiwan	12	\$904.23	\$2,356.37	22.0%	2.3%	13	\$39,776.34	\$120,851.49	-10.1%
Tajikistan	169	\$0.33	\$3.29	-88.1%	0.3%	148	\$117.88	\$256.85	-4.8%
Tanzania	78	\$19.77	\$25.98	328.0%	4.7%	109	\$424.88	\$967.29	63.3%
Thailand	16	\$555.16	\$1,369.39	32.7%	3.5%	25	\$15,653.44	\$44,118.70	-1.0%
Togo	143	\$1.16	\$16.35	-91.7%	0.3%	113	\$382.84	\$1,006.09	-1.3%
Tokelau Islands	---	\$0.00	\$0.00	n.a.	0.0%	226	\$0.30	\$6.82	-95.3%
Tonga	204	\$0.01	\$0.02	125.9%	0.1%	194	\$17.10	\$52.01	6.9%
Trinidad And Tobago	66	\$29.09	\$90.84	4.0%	1.3%	66	\$2,249.98	\$8,523.92	-38.0%
Tunisia	81	\$16.15	\$62.58	35.8%	2.9%	94	\$559.37	\$1,576.87	1.4%
Turkey	22	\$302.00	\$789.73	44.8%	2.1%	26	\$14,693.84	\$41,814.86	-3.3%
Turkmenistan	184	\$0.11	\$0.27	-18.8%	0.2%	171	\$56.86	\$184.39	16.1%
Turks And Caicos Islands	139	\$1.36	\$3.07	50.3%	0.2%	92	\$596.07	\$1,544.38	4.8%
Tuvalu Islands	202	\$0.01	\$0.01	n.a.	4.2%	225	\$0.32	\$1.72	-64.9%
Uganda	152	\$0.85	\$2.26	4.1%	0.7%	147	\$122.37	\$456.49	-26.6%
Ukraine	63	\$31.21	\$98.83	-29.3%	3.0%	81	\$1,048.50	\$4,998.62	-26.6%
United Arab Emirates	13	\$749.32	\$1,977.18	8.0%	3.0%	20	\$24,857.11	\$62,749.02	19.3%
United Kingdom	6	\$1,894.75	\$4,972.31	18.9%	2.6%	7	\$74,089.92	\$211,963.65	-2.8%
Uruguay	60	\$35.98	\$70.56	72.8%	1.9%	68	\$1,878.74	\$6,603.76	-35.7%
Uzbekistan	52	\$50.12	\$54.00	2153.2%	13.6%	115	\$367.84	\$1,042.11	34.8%
Vanuatu	194	\$0.05	\$0.14	-8.3%	0.4%	200	\$13.42	\$32.07	-5.9%
Vatican City	215	\$0.00	\$0.04	-100.0%	0.0%	222	\$0.90	\$1.29	1636.7%
Venezuela	108	\$4.77	\$15.91	-26.1%	0.2%	60	\$2,501.34	\$6,306.77	14.1%
Vietnam	27	\$217.41	\$683.05	-6.9%	2.2%	35	\$9,811.56	\$32,187.71	-13.6%
Wallis And Futuna	---	\$0.00	\$0.00	n.a.	0.0%	215	\$1.84	\$1.95	2031.6%

Ohio and U.S. Exports by Country

Value in Millions

	Ohio				Ohio's Share of U.S.	US			
	Ohio Rank	2023	Total 2021-23	Change 2022-23		US Rank	2023	Total 2021-23	Change 2022-23
West Bank Admin By Israel	208	\$0.01	\$0.47	-97.6%	0.3%	214	\$1.90	\$15.77	-83.9%
Western Samoa	186	\$0.10	\$0.23	n.a.	0.3%	185	\$32.70	\$102.27	-9.6%
Zambia	168	\$0.35	\$10.36	-96.3%	0.4%	153	\$94.49	\$323.24	-29.9%
Zimbabwe	146	\$0.98	\$2.18	13.8%	2.6%	184	\$37.66	\$123.53	-7.5%



Ohio and U.S. Exports by Commodity

Value in Millions

Harmonized Tariff Schedule		Ohio			Ohio's Share of U.S.	US		
		2023	Total 2021-23	Change 2022-23		2023	Total 2021-23	Change 2022-23
	Total	\$55,764.43	\$163,370.05	-1.8%	2.8%	\$2,019,159.67	\$5,842,138.20	-2.2%
Section I: Live Animals; Animal Products								
01	Live Animals	\$13.50	\$47.24	-13.4%	1.1%	\$1,191.00	\$3,671.86	-0.8%
02	Meat	\$88.72	\$278.99	-1.4%	0.4%	\$21,807.42	\$67,285.66	-6.7%
03	Fish & Crustaceans	\$2.63	\$5.22	120.1%	0.1%	\$4,709.61	\$14,648.35	-7.4%
04	Dairy Products; Eggs; Honey; Edible Animal Products Nesoi	\$44.52	\$123.19	0.5%	0.7%	\$6,661.22	\$21,075.10	-16.1%
05	Products Of Animal Origin, Nesoi	\$91.15	\$277.98	6.5%	6.5%	\$1,396.49	\$3,983.64	3.7%
Section Totals		\$240.52	\$732.63	1.7%	0.7%	\$35,765.75	\$110,664.62	-8.2%
Section II: Vegetable Products								
06	Live Trees, Plants, Bulbs Etc.; Cut Flowers Etc.	\$13.16	\$48.93	-21.6%	2.7%	\$489.73	\$1,548.80	-9.0%
07	Edible Vegetables & Certain Roots & Tubers	\$49.54	\$195.78	-8.8%	0.9%	\$5,335.17	\$15,312.24	5.6%
08	Edible Fruit & Nuts; Citrus Fruit Or Melon Peel	\$5.18	\$9.27	97.5%	0.0%	\$14,865.30	\$44,678.12	0.7%
09	Coffee, Tea, Mate & Spices	\$6.95	\$29.09	-36.1%	0.5%	\$1,481.48	\$4,073.55	-1.0%
10	Cereals	\$43.31	\$466.96	-60.4%	0.2%	\$23,343.58	\$85,090.60	-25.6%
11	Milling Products; Malt; Starch; Inulin; Wheat Gluten	\$8.25	\$26.24	-23.6%	0.7%	\$1,197.84	\$3,389.82	4.3%
12	Oil Seeds Etc.; Miscellaneous Grain, Seed, Fruit, Plant Etc	\$672.50	\$4,223.42	-49.9%	2.0%	\$33,904.02	\$107,167.73	-15.7%
13	Lac; Gums, Resins & Other Vegetable Sap & Extract	\$5.38	\$26.64	-38.4%	0.9%	\$603.22	\$1,933.12	-13.2%
14	Vegetable Plaiting Materials & Products Nesoi	\$0.12	\$1.14	-81.4%	0.5%	\$25.97	\$89.92	-17.4%
Section Totals		\$804.39	\$5,027.47	-48.3%	1.0%	\$81,246.31	\$263,283.89	-14.7%
Section III: Animal or Vegetable Fats and Oils and Their Cleavage Products; Prepared Edible Fats; Animal or Vegetable Waxes								
15	Animal Or Vegetable Fats, Oils & Waxes	\$63.12	\$244.51	-36.1%	2.3%	\$2,748.55	\$11,448.41	-36.5%
Section Totals		\$63.12	\$244.51	-36.1%	2.3%	\$2,748.55	\$11,448.41	-36.5%

Nesoi - Not elsewhere specified or indicated

Ohio and U.S. Exports by Commodity

Value in Millions

Harmonized Tariff Schedule		Ohio			Ohio's Share of U.S.	US		
		2023	Total 2021-23	Change 2022-23		2023	Total 2021-23	Change 2022-23
Section IV: Prepared Foodstuffs; Beverages, Spirits, and Vinegar; Tobacco and Manufactured Tobacco Substitutes								
16	Edible Preparations Of Meat, Fish, Crustaceans Etc	\$207.66	\$611.82	-6.6%	8.6%	\$2,400.75	\$7,313.84	-6.7%
17	Sugars & Sugar Confectionary	\$43.21	\$113.18	13.1%	1.6%	\$2,729.35	\$7,256.59	10.9%
18	Cocoa & Cocoa Preparations	\$23.59	\$49.41	62.5%	1.1%	\$2,098.87	\$6,107.82	3.2%
19	Preparations Of Cereal, Flour, Starch Or Milk; Bakers Wares	\$298.96	\$765.31	17.3%	5.8%	\$5,162.95	\$14,472.75	4.2%
20	Preparations Vegetables, Fruit, Nuts Or Other Plant Parts	\$71.89	\$219.21	-1.2%	1.3%	\$5,442.01	\$15,853.26	0.6%
21	Miscellaneous Edible Preparations	\$356.15	\$987.58	10.5%	3.5%	\$10,272.26	\$31,300.25	-2.6%
22	Beverages, Spirits & Vinegar	\$97.19	\$263.83	25.8%	1.0%	\$9,930.61	\$28,369.64	-0.6%
23	Food Industry Residues & Waste; Prepared Animal Feed	\$494.31	\$1,340.76	14.2%	3.1%	\$15,822.09	\$43,662.04	7.5%
24	Tobacco & Manufactured Tobacco Substitutes	\$42.58	\$183.06	-33.8%	3.0%	\$1,422.93	\$3,818.62	15.7%
Section Totals		\$1,635.55	\$4,534.15	9.1%	3.0%	\$55,281.83	\$158,154.81	2.6%
Section V: Mineral Products								
25	Salt; Sulfur; Earth & Stone; Lime & Cement Plaster	\$141.11	\$364.34	22.4%	4.5%	\$3,161.21	\$9,274.54	-3.7%
26	Ores, Slag & Ash	\$35.56	\$161.74	1.6%	0.4%	\$8,103.31	\$25,082.40	-5.5%
27	Mineral Fuel, Oil Etc.; Bituminous Substances; Mineral Wax	\$1,224.99	\$3,695.14	-33.0%	0.4%	\$323,170.54	\$944,032.77	-15.0%
Section Totals		\$1,401.66	\$4,221.22	-29.1%	0.4%	\$334,435.06	\$978,389.71	-14.7%

Ohio and U.S. Exports by Commodity

Value in Millions

Harmonized Tariff Schedule		Ohio			Ohio's Share of U.S.	US		
		2023	Total 2021-23	Change 2022-23		2023	Total 2021-23	Change 2022-23
Section VI: Products of the Chemical or Allied Industries								
28	Inorganic Chemicals; Precious & Rare-Earth Metals & Radioactive Compounds	\$299.22	\$891.40	-3.8%	2.0%	\$15,010.74	\$45,381.38	-11.0%
29	Organic Chemicals	\$589.03	\$2,034.02	-24.0%	1.1%	\$51,730.96	\$146,264.94	0.7%
30	Pharmaceutical Products	\$1,528.65	\$7,183.56	-59.9%	1.7%	\$90,308.21	\$251,243.20	8.7%
31	Fertilizers	\$47.44	\$197.50	-41.8%	0.9%	\$5,483.86	\$19,214.17	-39.9%
32	Tanning & Dye Extracts Etc; Dye, Paint, Putty Etc; Inks	\$745.50	\$2,133.43	2.2%	9.3%	\$7,977.33	\$24,608.81	-8.0%
33	Essential Oils Etc; Perfumery, Cosmetic Preparations	\$1,677.81	\$4,337.82	15.4%	11.2%	\$14,951.44	\$42,840.00	4.5%
34	Soap Etc; Waxes, Polish Etc; Candles; Dental Preparations	\$1,388.28	\$3,875.51	4.1%	17.3%	\$8,004.95	\$24,189.07	-5.9%
35	Albuminoidal Substances; Modified Starch; Glue; Enzymes	\$163.61	\$535.57	-11.7%	3.1%	\$5,315.81	\$15,217.37	1.9%
36	Explosives; Pyrotechnics; Matches; Pyrophoric Alloys Etc	\$17.37	\$36.68	93.9%	2.0%	\$878.80	\$2,284.05	17.4%
37	Photographic Or Cinematographic Goods	\$19.96	\$53.37	9.1%	0.9%	\$2,127.65	\$6,621.23	-3.3%
38	Miscellaneous Chemical Products	\$1,143.28	\$3,522.60	-7.1%	3.0%	\$38,635.59	\$116,665.79	-6.1%
Section Totals		\$7,620.14	\$24,801.47	-23.4%	3.2%	\$240,425.34	\$694,530.01	-0.4%
Section VII: Plastics and Articles Thereof; Rubber and Articles Thereof								
39	Plastics & Articles Thereof	\$3,358.72	\$10,043.08	-1.5%	4.3%	\$77,796.41	\$235,498.93	-6.7%
40	Rubber & Articles Thereof	\$1,035.88	\$3,005.55	-3.3%	7.1%	\$14,646.52	\$42,526.94	-0.2%
Section Totals		\$4,394.60	\$13,048.62	-2.0%	4.8%	\$92,442.93	\$278,025.88	-5.7%

Ohio and U.S. Exports by Commodity

Value in Millions

Harmonized Tariff Schedule		Ohio			Ohio's Share of U.S.	US		
		2023	Total 2021-23	Change 2022-23		2023	Total 2021-23	Change 2022-23
Section VIII: Raw Hides and Skins, Leather, Fur skins and Articles Thereof; Saddlery and Harness; Travel Goods, Handbags and Similar Containers								
41	Raw Hides & Skins & Leather	\$3.41	\$11.48	-23.2%	0.2%	\$1,550.76	\$5,179.76	-12.2%
42	Leather Articles; Saddlery Etc; Handbags Etc	\$56.18	\$149.33	8.6%	3.4%	\$1,638.22	\$4,692.72	1.1%
43	Fur skins & Artificial Fur; Manufactures Thereof	\$0.32	\$2.64	-48.6%	0.3%	\$101.15	\$366.35	-17.3%
Section Totals		\$59.91	\$163.45	5.5%	1.8%	\$3,290.13	\$10,238.84	-6.2%

Section IX: Wood and Articles of Wood; Wood Charcoal; Cork and Articles of Cork; Manufacturers of Straw, Esparto or Other Plaiting Materials; Basketware and Wickerwork								
44	Wood & Articles Of Wood; Wood Charcoal	\$275.76	\$890.46	-11.6%	2.9%	\$9,505.75	\$29,733.84	-9.4%
45	Cork & Articles Of Cork	\$0.46	\$0.95	15.8%	1.7%	\$26.84	\$74.34	1.7%
46	Manufactures Of Straw, Esparto Etc.; Basket ware & Wickerwork	\$1.30	\$3.51	25.8%	4.1%	\$31.28	\$80.35	42.4%
Section Totals		\$277.52	\$894.92	-11.5%	2.9%	\$9,563.87	\$29,888.53	-9.3%

Section X: Pulp of Wood or Other Fibrous Cellulosic Material; Waste and Scrap of Paper or Paperboard; Paper an Paperboard and Articles Thereof								
47	Wood Pulp Etc; Recovered (Waste & Scrap) Paper & Paperboard	\$32.02	\$105.07	-12.6%	0.4%	\$8,769.63	\$29,225.67	-19.6%
48	Paper & Paperboard & Articles (Including Paper Pulp Articles)	\$588.19	\$1,693.25	3.0%	3.9%	\$14,967.43	\$47,402.45	-12.4%
49	Printed Books, Newspapers Etc; Manuscripts Etc	\$95.41	\$232.59	26.1%	2.3%	\$4,079.72	\$12,557.03	-4.4%
Section Totals		\$715.63	\$2,030.92	4.7%	2.6%	\$27,816.78	\$89,185.15	-13.7%

Ohio and U.S. Exports by Commodity

Value in Millions

Harmonized Tariff Schedule		Ohio			Ohio's Share of U.S.	US		
		2023	Total 2021-23	Change 2022-23		2023	Total 2021-23	Change 2022-23
Section XI: Textile and Textile Articles								
50	Silk, Including Yarns & Woven Fabric Thereof	\$0.01	\$0.02	149.1%	0.2%	\$6.63	\$17.61	21.7%
51	Wool & Animal Hair, Including Yarn & Woven Fabric	\$0.04	\$0.08	93.2%	0.1%	\$62.07	\$185.77	-0.5%
52	Cotton, Including Yarn & Woven Fabric Thereof	\$5.35	\$31.73	-66.7%	0.1%	\$7,296.98	\$25,063.14	-31.5%
53	Other Vegetable Textile Fibers Nesoi; Paper Yarns & Woven Fabric	\$0.92	\$3.30	-23.6%	3.9%	\$23.62	\$69.33	-1.7%
54	Manmade Filaments	\$11.57	\$26.84	28.5%	0.8%	\$1,532.64	\$4,624.86	-5.5%
55	Manmade Staple Fibers	\$7.12	\$18.26	20.7%	0.3%	\$2,210.89	\$6,623.32	-4.7%
56	Wadding, Felt Etc; Special Yarns; Twine, Ropes Etc.	\$91.75	\$238.24	10.1%	3.6%	\$2,542.39	\$7,759.92	-2.7%
57	Carpets & Other Textile Floor Coverings	\$18.21	\$53.20	-12.5%	2.4%	\$753.22	\$2,309.17	-3.4%
58	Special Woven Fabrics; Tufted Fabrics; Lace; Tapestries Etc	\$9.25	\$26.77	-6.4%	2.2%	\$428.34	\$1,247.52	3.1%
59	Impregnated/Coated Textile Fabrics; Textile Articles For Industrial Use	\$39.90	\$141.69	-22.9%	2.0%	\$2,037.87	\$6,363.89	-8.9%
60	Knitted Or Crocheted Fabrics	\$10.09	\$18.25	140.8%	1.3%	\$751.91	\$2,478.46	-16.9%
61	Apparel Articles & Accessories, Knit Or Crochet	\$118.76	\$370.05	-1.2%	3.5%	\$3,394.03	\$9,937.49	-3.4%
62	Apparel Articles & Accessories, Not Knit Or Crochet	\$146.68	\$409.14	7.3%	5.2%	\$2,839.14	\$7,673.88	6.3%
63	Textile Articles Nesoi; Needlecraft Sets; Worn Textile Articles	\$40.09	\$139.88	-24.5%	1.5%	\$2,618.86	\$8,472.53	-11.6%
Section Totals		\$499.76	\$1,477.44	-2.4%	1.9%	\$26,498.58	\$82,826.88	-13.9%

Nesoi - Not elsewhere specified or indicated

Ohio and U.S. Exports by Commodity

Value in Millions

Harmonized Tariff Schedule		Ohio			Ohio's Share of U.S.	US		
		2023	Total 2021-23	Change 2022-23		2023	Total 2021-23	Change 2022-23
Section XII: Footwear, Headgear, Umbrellas, Sun Umbrellas, Walking Sticks, Sea sticks, Whips, Riding-Crops and Parts Thereof; Prepared Feathers and Articles Made Therewith; Artificial Flowers; Articles of Human Hair								
64	Footwear, Gaiters Etc. & Parts Thereof	\$29.61	\$67.67	59.6%	2.1%	\$1,414.36	\$3,911.70	4.8%
65	Headgear & Parts Thereof	\$36.00	\$110.18	-30.0%	6.9%	\$519.85	\$1,405.81	-0.6%
66	Umbrellas, Walking-Sticks, Riding-Crops Etc, Parts	\$0.56	\$1.25	19.2%	1.0%	\$52.98	\$155.88	-8.3%
67	Prepared Feathers, Down Etc; Artificial Flowers; Human Hair Articles	\$1.41	\$4.68	6.0%	1.0%	\$143.08	\$434.63	-10.6%
Section Totals		\$67.58	\$183.79	-5.8%	3.2%	\$2,130.26	\$5,908.01	1.9%
Section XIII: Articles of Stone, Plaster, Cement, Asbestos, Mica or Similar Materials; Ceramic Products; Glass and Glassware								
68	Articles Of Stone, Plaster, Cement, Asbestos, Mica Etc.	\$255.51	\$758.50	0.5%	5.9%	\$4,354.26	\$12,511.31	1.2%
69	Ceramic Products	\$96.61	\$292.66	-11.2%	4.1%	\$2,329.98	\$7,119.22	-6.7%
70	Glass And Glassware	\$616.93	\$1,671.47	9.4%	10.0%	\$6,154.19	\$17,929.21	0.5%
Section Totals		\$969.05	\$2,722.63	4.6%	7.5%	\$12,838.44	\$37,559.74	-0.6%
Section XIV: Natural or Cultured Pearls, Precious or Semiprecious Stones, Precious Metals, Metals Clad With Precious Metal, and Articles Thereof; Imitation Jewelry; Coin								
71	Natural/Cultured Pearls, Precious Stones/Metals; Coin	\$126.79	\$367.04	2.3%	0.2%	\$76,672.35	\$251,431.89	-16.9%
Section Totals		\$126.79	\$367.04	2.3%	0.2%	\$76,672.35	\$251,431.89	-16.9%

Ohio and U.S. Exports by Commodity

Value in Millions

Harmonized Tariff Schedule		Ohio			Ohio's Share of U.S.	US		
		2023	Total 2021-23	Change 2022-23		2023	Total 2021-23	Change 2022-23
Section XV: Base Metals and Articles of Base Metal								
72	Iron & Steel	\$1,567.98	\$4,131.72	6.2%	7.7%	\$20,463.49	\$60,245.58	-3.0%
73	Articles Of Iron Or Steel	\$1,644.83	\$4,782.91	-0.9%	7.2%	\$22,722.82	\$64,142.04	2.9%
74	Copper & Articles Thereof	\$526.55	\$1,394.69	13.9%	4.8%	\$10,949.33	\$31,547.88	7.3%
75	Nickel & Articles Thereof	\$358.17	\$894.42	19.4%	8.8%	\$4,071.62	\$9,432.23	29.1%
76	Aluminum & Articles Thereof	\$590.32	\$1,730.14	-3.6%	4.1%	\$14,277.98	\$40,852.95	-1.8%
78	Lead & Articles Thereof	\$4.59	\$10.39	46.6%	1.9%	\$235.42	\$699.42	21.9%
79	Zinc & Articles Thereof	\$6.68	\$26.81	-41.9%	1.7%	\$383.42	\$1,336.52	-29.5%
80	Tin & Articles Thereof	\$5.36	\$18.61	-30.3%	2.2%	\$244.80	\$744.17	-6.2%
81	Base Metals Nesoi; Cermets; Articles Thereof	\$405.59	\$843.59	61.6%	12.4%	\$3,281.49	\$8,607.10	11.2%
82	Tools, Cutlery Etc. Of Base Metal & Parts Thereof	\$522.90	\$1,443.33	8.9%	10.5%	\$4,963.18	\$14,830.74	-2.7%
83	Miscellaneous Articles Of Base Metal	\$492.54	\$1,461.81	-3.4%	8.4%	\$5,840.04	\$16,546.02	2.2%
Section Totals		\$6,125.51	\$16,738.42	6.1%	7.0%	\$87,433.58	\$248,984.67	1.9%
Section XVI: Machinery and Mechanical Appliances; Electrical Equipment; Parts Thereof; Sound Recorders and Reproducers, Television Image and Sound Recorders and Reproducers, and Parts and Accessories of Such Articles								
84	Industrial Machinery, Including Computers	\$9,615.24	\$26,699.14	10.1%	4.1%	\$233,009.96	\$672,766.00	1.3%
85	Electric Machinery; Sound Equipment; TV Equipment; Parts	\$3,549.00	\$9,658.86	16.1%	1.8%	\$200,654.69	\$584,807.21	1.3%
Section Totals		\$13,164.24	\$36,358.00	11.6%	3.0%	\$433,664.65	\$1,257,573.20	1.3%
Section XVII: Vehicles, Aircraft, Vessels and Associated Transport Equipment								
86	Railway Stock Etc; Traffic Signal Equipment	\$137.83	\$359.70	-5.9%	3.8%	\$3,615.15	\$9,920.23	2.6%
87	Vehicles, Except Railway & Parts Etc	\$8,601.58	\$24,887.57	2.5%	5.6%	\$152,826.67	\$413,753.71	12.3%
88	Aircraft, Spacecraft, & Parts Thereof	\$5,125.77	\$14,052.99	7.0%	4.1%	\$124,909.47	\$317,737.23	20.9%
89	Ships, Boats & Floating Structures	\$6.43	\$24.49	-25.0%	0.2%	\$3,167.93	\$8,100.16	20.7%
Section Totals		\$13,871.61	\$39,324.75	4.0%	4.9%	\$284,519.22	\$749,511.33	15.9%

Nesoi - Not elsewhere specified or indicated

Ohio and U.S. Exports by Commodity

Value in Millions

Harmonized Tariff Schedule		Ohio			Ohio's Share of U.S.	US		
		2023	Total 2021-23	Change 2022-23		2023	Total 2021-23	Change 2022-23
Section XVIII: Optical, Photographic, Cinematographic, Measuring, Checking, Precision, Medical or Surgical Instruments and Apparatus; Clocks and Watches; Musical Instruments; Parts and Accessories Thereof								
90	Optic, Photo Etc, Medical Or Surgical Instruments Etc	\$1,715.54	\$5,169.72	-2.4%	1.6%	\$105,107.61	\$295,818.20	6.1%
91	Clocks & Watches & Parts Thereof	\$6.40	\$21.85	-25.8%	0.4%	\$1,790.46	\$4,963.17	8.5%
92	Musical Instruments; Parts & Accessories Thereof	\$12.09	\$32.53	9.3%	1.3%	\$928.73	\$2,716.67	-0.8%
Section Totals		\$1,734.03	\$5,224.10	-2.4%	1.6%	\$107,826.80	\$303,498.05	6.1%
Section XIX: Arms and Ammunition; Parts and Accessories Thereof								
93	Arms & Ammunition; Parts & Accessories Thereof	\$27.71	\$70.93	10.2%	0.5%	\$5,770.29	\$14,892.42	17.6%
Section Totals		\$27.71	\$70.93	10.2%	0.5%	\$5,770.29	\$14,892.42	17.6%
Section XX: Miscellaneous Manufactured Articles								
94	Furniture; Bedding Etc; Lamps Nesoi Etc; Prefabricated Buildings	\$413.85	\$1,136.20	4.3%	4.1%	\$10,055.77	\$29,488.72	-1.0%
95	Toys, Games & Sport Equipment; Parts & Accessories	\$113.19	\$403.02	-11.8%	1.5%	\$7,603.16	\$21,800.28	2.5%
96	Miscellaneous Manufactured Articles	\$326.78	\$936.88	5.1%	12.4%	\$2,643.89	\$7,658.54	-1.3%
Section Totals		\$853.83	\$2,476.10	2.1%	4.2%	\$20,302.82	\$58,947.54	0.3%
Section XXI: Works of Art, Collectors' Pieces and Antiques								
97	Works Of Art, Collectors Pieces And Antiques	\$101.91	\$152.25	406.4%	0.9%	\$11,126.13	\$30,802.41	1.2%
Section Totals		\$101.91	\$152.25	406.4%	0.9%	\$11,126.13	\$30,802.41	1.2%
Section XXII: Special Classification Provisions								
98	Special Classification Provisions, Nesoi	\$1,009.39	\$2,575.26	33.0%	1.5%	\$67,360.00	\$176,392.21	12.5%
Section Totals		\$1,009.39	\$2,575.26	33.0%	1.5%	\$67,360.00	\$176,392.21	12.5%

Nesoi - Not elsewhere specified or indicated