

Ohio

Research Office, ODSA
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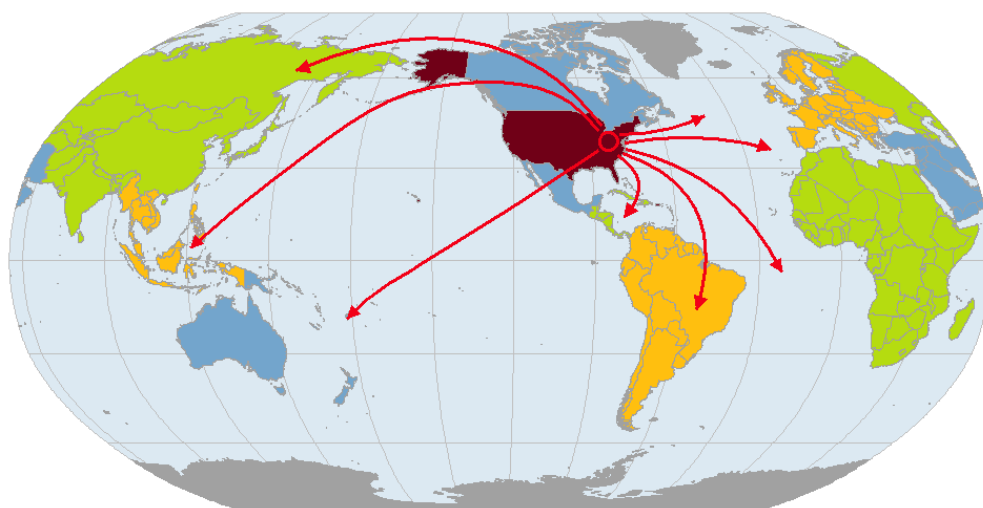
Ohio Exports Report: 2018

March 2019



Ohio Exports 2018

Origin of Movement Series



March 2019

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Ohio Exports 2018

Executive Summary



Ohio merchandise exports were valued at \$54.3 billion in 2018, an increase of 8.4 percent from 2017. By comparison, the United States experienced an increase of 7.6 percent in exports since 2017.

According to this report, in 2018:

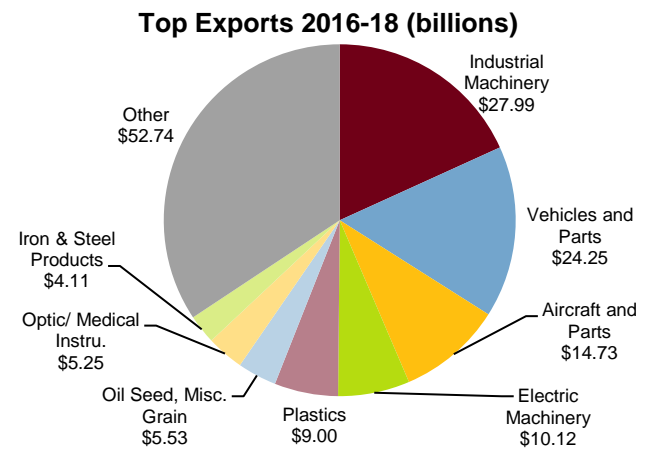
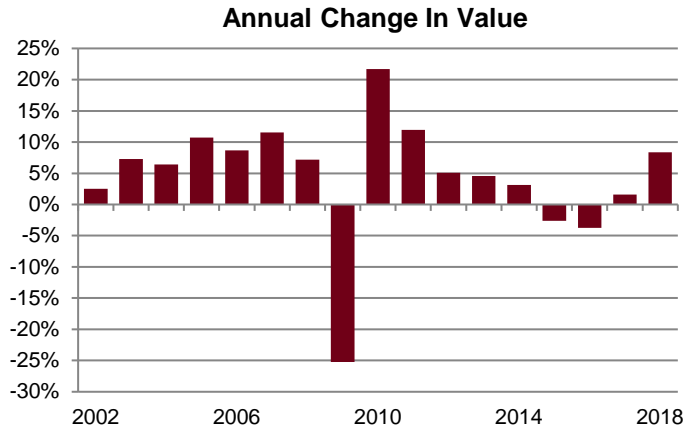
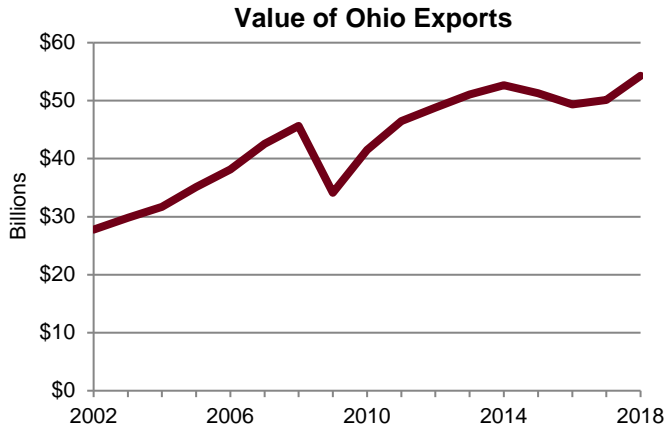
- Ohio was the 9th largest exporting state.
- 210 countries and territories received exports from Ohio.
- 8 countries received over \$1 billion in Ohio exports.
- 43 of the 98 commodity groups recorded exports exceeding \$100 million with 12 surpassing \$1 billion.

Leading Destinations:

- Exports to Canada totaled \$21.0 billion, 39 percent of the state figure. By comparison, U.S. exports to Canada were 18 percent of the national total.
- Shipments to Mexico totaled \$6.9 billion, Ohio's second largest market, which was an increase of 6 percent from 2017.
- European countries accounted for 17 percent of Ohio's exports. The four largest markets were United Kingdom (\$2.2 billion), Germany (\$1.6 billion), France (\$1.2 billion), and The Netherlands (\$1.0 billion). Total shipments to Europe increased 11 percent compared to 2017.
- Asian countries received 14 percent of Ohio's shipments. China was Ohio's third largest market at \$3.7 billion a decrease of 4 percent. Japan was Ohio's fifth largest market in 2018 at \$1.7 billion.
- Exports to Southeast Asia accounted for 6 percent (\$3.3 billion) of the state figure, an increase of 12 percent. Exports to Caribbean/Central America saw an annual increase of 20 percent while South America jumped 10 Percent.

Top Products:

- Industrial Machinery was Ohio's leading export (\$9.9 billion). Ohio was 4th among the 50 states in this category with 5 percent of the U.S. total.
- The top six categories (machinery, vehicles, aircraft, electrical machinery, plastics, and optic/photo/measuring/medical instruments) accounted for 60 percent (\$32.7 billion) of the state total.
- Eight of the top ten commodities saw annual increases with Vehicles increasing 20 percent. Industrial Machinery and Instruments also had good years increasing around 10 percent. Oil seed decreased 7 percent from last year.



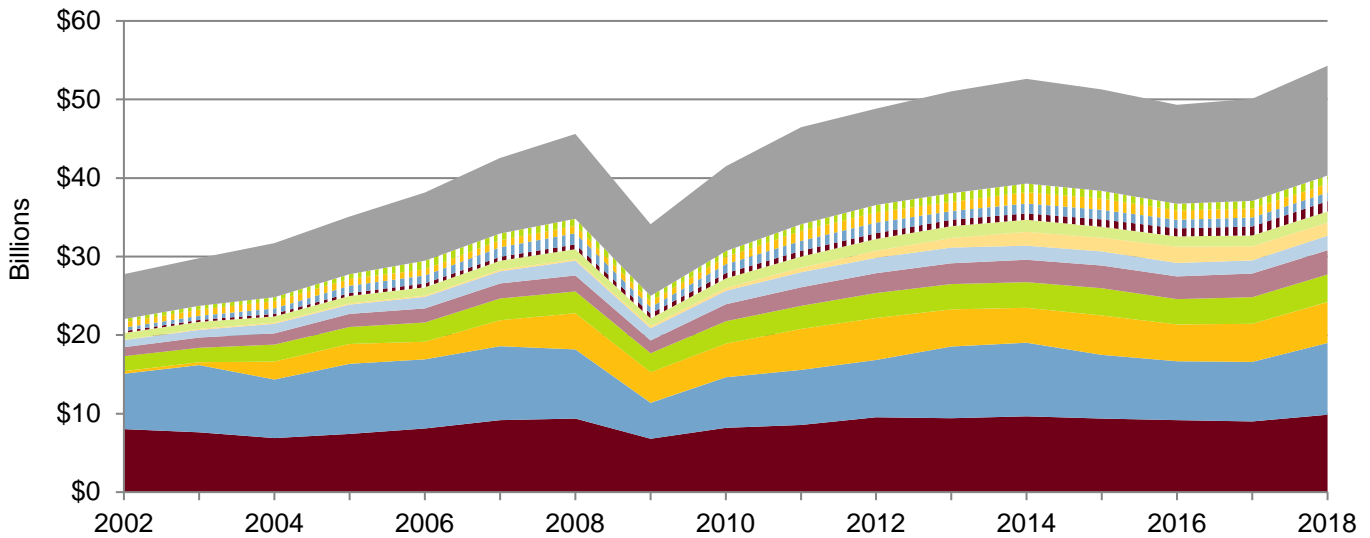
Ohio's Top 20 Exported Commodities: 2018

Harmonized Schedule Code

	2016	2017	2018	% Chng. 17 to 18
Total All Commodities	\$49,330,259,120	\$50,102,778,107	\$54,292,819,066	8.4%
84 Industrial Machinery, Including Computers	\$9,148,571,384	\$8,987,867,513	\$9,855,448,631	9.7%
87 Vehicles and Parts	\$7,507,678,475	\$7,599,972,145	\$9,143,551,921	20.3%
88 Aircraft; Spacecraft and Parts	\$4,702,815,688	\$4,828,258,656	\$5,195,077,398	7.6%
85 Electric Machinery; Sound Equip.; TV Equip.	\$3,212,745,023	\$3,390,356,067	\$3,521,763,125	3.9%
39 Plastics and Articles Thereof	\$2,877,319,101	\$3,038,246,102	\$3,080,655,840	1.4%
90 Optic, Photo; Medical Instruments	\$1,719,055,626	\$1,675,268,660	\$1,856,876,677	10.8%
12 Oil Seed, Miscellaneous Grain	\$2,095,336,097	\$1,778,671,033	\$1,655,030,064	-7.0%
73 Iron and Steel Products	\$1,313,043,685	\$1,372,477,591	\$1,428,207,038	4.1%
33 Perfumery, Cosmetic, etc	\$1,016,900,560	\$1,144,201,203	\$1,320,635,203	15.4%
72 Iron and Steel	\$1,106,719,749	\$1,167,592,584	\$1,099,641,451	-5.8%
40 Rubber and Articles Thereof	\$1,177,275,080	\$1,142,813,544	\$1,084,977,250	-5.1%
38 Miscellaneous Chemical Products	\$848,329,517	\$958,308,761	\$1,065,900,030	11.2%
34 Soap, Waxes, etc; Dental Preparations	\$887,800,858	\$902,605,640	\$989,093,473	9.6%
30 Pharmaceutical Products	\$746,657,183	\$608,961,362	\$796,244,493	30.8%
24 Tobacco and Manufactured Substitutes	\$526,032,157	\$611,284,379	\$740,927,178	21.2%
29 Organic Chemicals	\$555,741,889	\$683,515,490	\$665,624,109	-2.6%
32 Tanning, Dye, Paint, Putty	\$568,559,251	\$591,155,158	\$598,535,682	1.2%
27 Mineral Fuel, Oil, etc	\$481,393,190	\$526,960,276	\$590,305,698	12.0%
76 Aluminum and Articles Thereof	\$468,665,754	\$527,801,940	\$568,607,063	7.7%
48 Paper, Paperboard, Articles of Paper Pulp	\$568,935,559	\$574,868,209	\$567,161,341	-1.3%
Multi Remaining commodities	\$7,800,683,294	\$7,991,591,794	\$8,468,555,401	6.0%

Ohio Exports

Exported Products Over \$1 Billion Value: 2018



Harmonized Schedule Code		2018 Value	% of All Exports
84	Industrial Machinery, Incl. Computers	\$9,855,448,631	18.2%
87	Vehicles and Parts	\$9,143,551,921	16.8%
88	Aircraft; Spacecraft and Parts	\$5,195,077,398	9.6%
85	Electric Machinery; Sound/TV Equip.	\$3,521,763,125	6.5%
39	Plastics and Articles Thereof	\$3,080,655,840	5.7%
90	Optic, Photo; Medical Instruments	\$1,856,876,677	3.4%
12	Oil Seed, Miscellaneous Grain	\$1,655,030,064	3.0%
73	Iron and Steel Products	\$1,428,207,038	2.6%
33	Perfumery, Cosmetic, etc	\$1,320,635,203	2.4%
72	Iron and Steel	\$1,099,641,451	2.0%
40	Rubber and Articles Thereof	\$1,084,977,250	2.0%
38	Miscellaneous Chemical Products	\$1,065,900,030	2.0%
Multi	Remaining commodities	\$13,985,054,438	25.8%

Top 10 Trading Partners - 2018

	2018 Value	Pct of 2018 Total
Total	\$54,292,819,066	
Canada	\$21,026,232,893	38.7%
Mexico	\$6,862,423,048	12.6%
China	\$3,664,182,086	6.7%
United Kingdom	\$2,199,892,725	4.1%
Japan	\$1,680,163,298	3.1%
Germany	\$1,625,914,399	3.0%
Brazil	\$1,376,429,385	2.5%
France	\$1,184,452,635	2.2%
Korea	\$971,868,729	1.8%
Netherlands	\$960,252,476	1.8%
Others	\$12,741,007,392	23.5%

Top 10 Trading Partners - 2016 to 2018

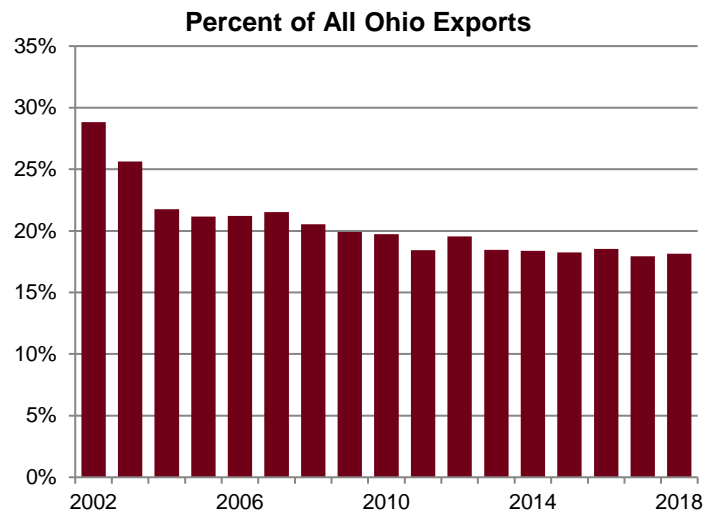
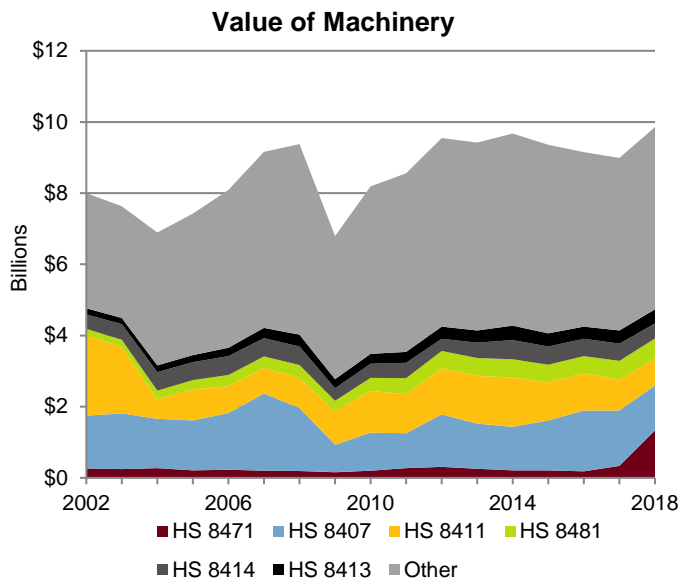
	2016 to 2018 Value	Pct of 3-yr Total
Total	\$153,725,856,293	
Canada	\$59,161,845,160	38.5%
Mexico	\$19,885,723,591	12.9%
China	\$11,231,404,540	7.3%
United Kingdom	\$6,200,508,442	4.0%
France	\$4,622,693,382	3.0%
Japan	\$4,252,490,071	2.8%
Germany	\$4,211,575,517	2.7%
Brazil	\$3,590,202,567	2.3%
Korea	\$2,937,924,245	1.9%
Australia	\$2,352,088,451	1.5%
Others	\$35,279,400,327	22.9%

Machinery, Including Computers (HS 84) Exports



Harmonized Tariff Schedule		2016	2017	2018	% Chng. 17 to 18
	TOTAL	\$9,148,571,384	\$8,987,867,513	\$9,855,448,631	9.7%
8471	Automatic Data Process Machines	\$185,315,275	\$333,251,072	\$1,335,251,415	300.7%
8407	Spark Ignition; Piston Engines	\$1,703,965,322	\$1,557,378,608	\$1,260,899,889	-19.0%
8411	Turbojets and Other Gas Turbines, Parts	\$1,048,451,393	\$876,712,679	\$762,486,237	-13.0%
8481	Taps, Cocks, Valves for Pipes, Tanks	\$483,051,934	\$522,644,368	\$561,168,520	7.4%
8414	Air Related Pumps/Compressors	\$487,121,157	\$483,382,236	\$420,371,902	-13.0%
8413	Liquid Pumps/Elevators	\$345,537,230	\$368,780,976	\$397,071,850	7.7%
8409	Parts for Engines of Heading 8407 or 8408	\$308,422,935	\$330,269,544	\$383,602,544	16.1%
8421	Centrifuges/Filters for Liquid or Gases	\$341,504,873	\$321,500,881	\$374,919,127	16.6%
8483	Transmission Products	\$277,552,756	\$268,466,376	\$259,787,172	-3.2%
8479	Machines Having Individual Functions Nesoi	\$285,458,031	\$205,102,926	\$243,734,525	18.8%
8427	Fork-Lift Trucks/Trucks with Lifts	\$196,356,873	\$200,315,894	\$234,319,724	17.0%
8419	Machinery for Temperature Changing	\$215,112,772	\$200,771,209	\$233,895,568	16.5%
8482	Ball or Roller Bearings	\$207,812,405	\$202,327,855	\$215,297,663	6.4%
8466	Parts for Machine Tools of Head 8456 to 8465	\$199,073,633	\$213,942,037	\$211,969,278	-0.9%
8415	Air Conditioning Machines	\$254,029,669	\$250,130,465	\$208,889,352	-16.5%
8477	Machinery for Working Rubber & Plastic Nesoi	\$243,770,582	\$196,117,848	\$188,945,918	-3.7%
8431	Parts for Machinery of Headings 8425 to 8430	\$156,015,186	\$160,379,640	\$188,350,888	17.4%
8450	Washing Machines	\$207,183,326	\$204,533,344	\$184,093,231	-10.0%
8422	Machines: Dishwash, Package, Fill, Label	\$116,384,446	\$127,853,833	\$128,054,839	0.2%
Multi	Remaining commodities	\$1,886,451,586	\$1,964,005,722	\$2,062,338,989	5.0%

Nesoi - Not elsewhere specified or indicated



Top 5 Trading Partners - 2018

	2018 Value	Pct of Total
Total	\$9,855,448,631	
Canada	\$4,470,688,002	45.4%
Mexico	\$1,170,880,635	11.9%
China	\$580,544,213	5.9%
U. K.	\$349,069,114	3.5%
Germany	\$255,656,648	2.6%
Others	\$3,028,610,019	30.7%

Top 5 Trading Partners - 2016 to 2018

	2016 to 2018 Value	Pct of 3-yr Total
Total	\$27,991,887,528	
Canada	\$11,655,485,136	41.6%
Mexico	\$3,784,446,601	13.5%
China	\$1,669,320,102	6.0%
United Kingdom	\$896,330,496	3.2%
Germany	\$838,335,263	3.0%
Others	\$9,147,969,930	32.7%

Vehicles and Parts (HS 87) Exports

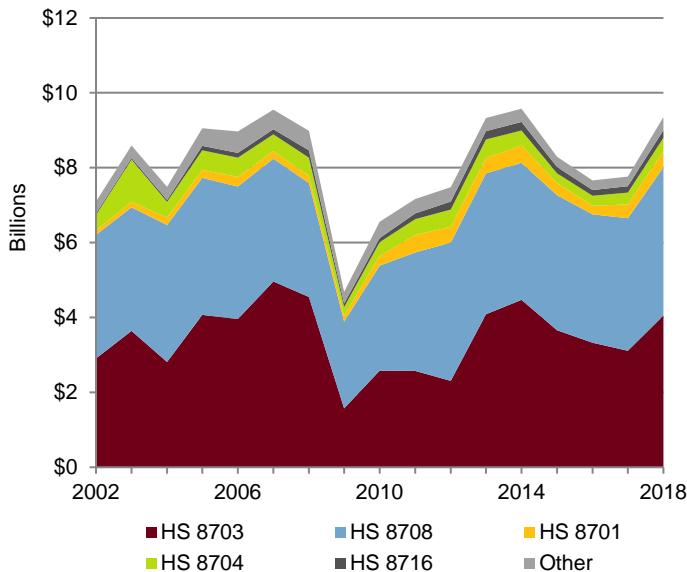


Harmonized Tariff
Schedule

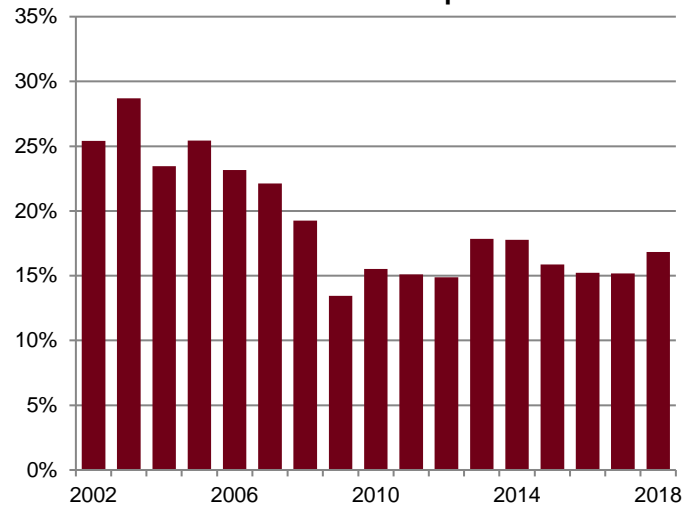
	2016	2017	2018	% Chng. 17 to 18
TOTAL	\$7,507,678,475	\$7,599,972,145	\$9,143,551,921	20.3%
8703 Passenger Cars & Vehicles	\$3,328,170,008	\$3,115,894,272	\$4,056,184,938	30.2%
8708 Parts & Accessories for Headings 8701-8705	\$3,425,505,972	\$3,538,363,345	\$3,956,217,706	11.8%
8701 Tractors	\$235,861,361	\$363,614,890	\$424,165,101	16.7%
8704 Motor Vehicles For Transport Of Goods	\$264,568,467	\$320,462,296	\$364,665,166	13.8%
8716 Trailers; Non-Mechanical	\$149,624,978	\$166,559,966	\$206,560,153	24.0%
8710 Tank & Other Armored Fight Vehicles	\$41,835,456	\$27,890,108	\$60,316,858	116.3%
8705 Special Purpose Motor Vehicles Nesoi	\$19,727,199	\$19,487,715	\$24,597,563	26.2%
8714 Parts & Accessories for Motorcycles	\$13,145,271	\$9,747,887	\$16,263,728	66.8%
8707 Bodies for Motor Vehicles: 8701-8705	\$12,367,933	\$9,516,750	\$10,236,954	7.6%
8711 Motorcycles	\$5,839,775	\$8,972,753	\$8,134,251	-9.3%
8702 Transport Vehicles for > Ten Persons	\$2,687,711	\$9,549,312	\$4,543,259	-52.4%
8709 Various Work-Related Vehicles	\$2,397,171	\$3,025,611	\$4,030,082	33.2%
8713 Carriages For Disabled Persons	\$3,546,644	\$3,993,261	\$2,995,723	-25.0%
8715 Baby Carriages/Strollers	\$409,288	\$1,491,687	\$2,549,738	70.9%
8712 Bicycles & Other Cycles with No Motor	\$1,941,442	\$1,339,274	\$1,761,873	31.6%
8706 Chassis With Engine	\$49,799	\$63,018	\$328,828	421.8%

Nesoi - Not elsewhere specified or indicated

Value of Vehicles and Parts



Percent of All Ohio Exports



Top 5 Trading Partners - 2018

	2018 Value	Pct of Total
Total	\$9,143,551,921	
Canada	\$4,809,037,550	52.6%
Mexico	\$1,538,562,910	16.8%
China	\$356,378,890	3.9%
Japan	\$245,105,752	2.7%
U. K.	\$230,776,571	2.5%
Others	\$1,963,690,248	21.5%

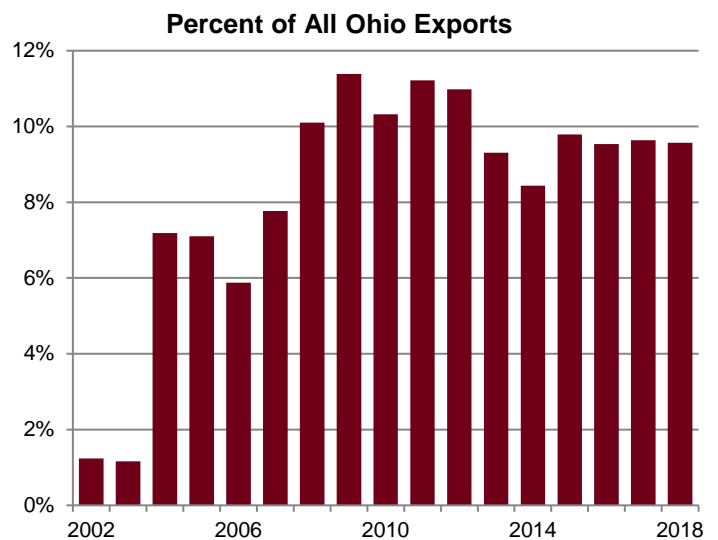
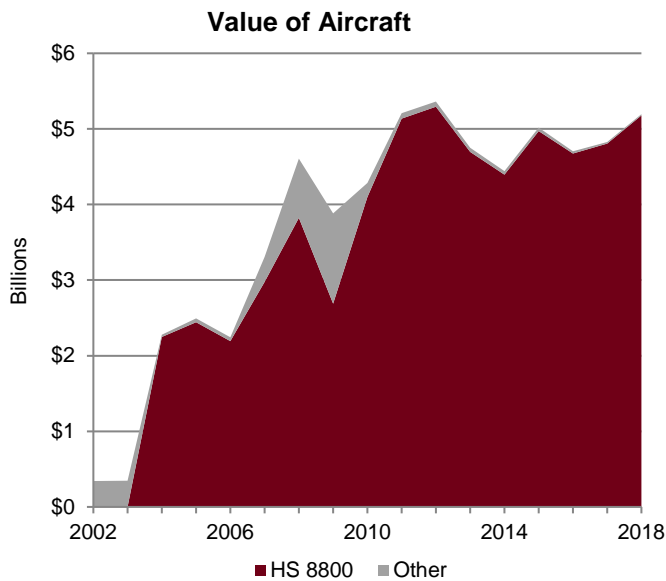
Top 5 Trading Partners - 2016 to 2018

	2016 to 2018 Value	Pct of 3-yr Total
Total	\$24,251,202,541	
Canada	\$13,583,421,249	56.0%
Mexico	\$3,867,886,947	15.9%
China	\$788,180,723	3.3%
Japan	\$664,302,364	2.7%
United Kingdom	\$565,096,260	2.3%
Others	\$4,782,314,998	19.7%

Aircraft; Spacecraft & Parts (HS 88) Exports



Harmonized Tariff Schedule		2016	2017	2018	% Chng. 17 to 18
	TOTAL	\$4,702,815,688	\$4,828,258,656	\$5,195,077,398	7.6%
8800	Civilian Aircraft, Engines, And Parts	\$4,676,326,966	\$4,806,332,419	\$5,177,254,624	7.7%
8803	Parts of Balloons, Aircraft, Spacecraft	\$26,372,399	\$21,579,045	\$17,787,258	-17.6%
8805	Aircraft Launch Gear; Deck-Arrestor Gear	\$84,799	\$334,555	\$13,062	-96.1%
8801	Balloons/Dirigibles; Gliders	\$0	\$9,840	\$12,000	22.0%
8804	Parachutes	\$31,524	\$2,797	\$10,454	273.8%
8802	Aircraft, Powered; Spacecraft/Launch Veh.	\$0	\$0	\$0	n.a.



Note: Starting in 2004, some commodity detail was suppressed for aircraft/parts. Suppressed aircraft commodities include many products in HS88 but also aircraft parts such as turbojets, electronics, instrumentation and tires (HS Codes 84, 85, 90, 40, etc.) These are now grouped together under HS 8800.

Top 5 Trading Partners - 2018

	2018 Value	Pct of Total
Total	\$5,195,077,398	
Brazil	\$638,989,419	12.3%
United Kingdom	\$555,713,641	10.7%
China	\$550,221,568	10.6%
France	\$503,889,919	9.7%
Canada	\$494,646,676	9.5%
Others	\$2,451,616,175	47.2%

Top 5 Trading Partners - 2016 to 2018

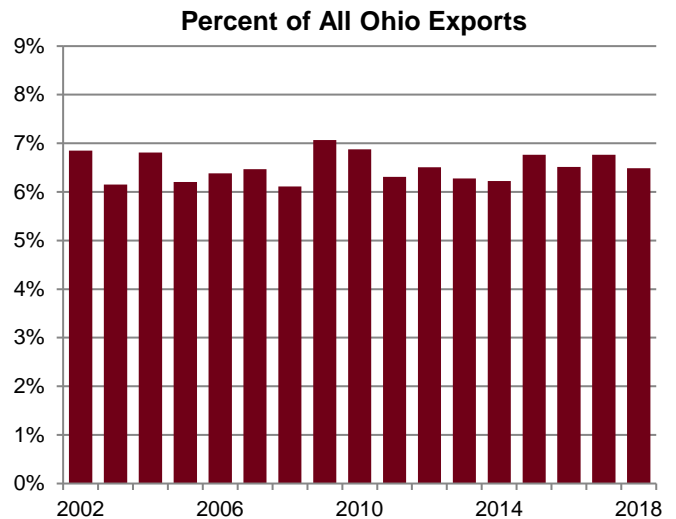
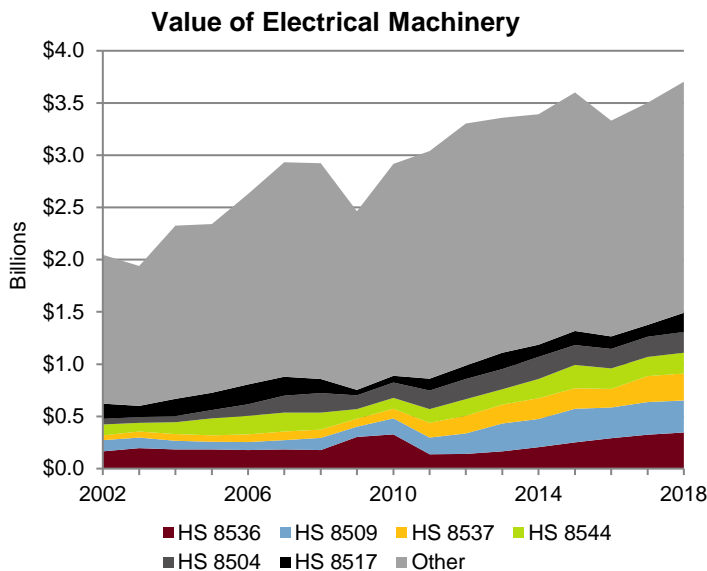
	2016 to 2018 Value	Pct of 3-yr Total
Total	\$14,726,151,742	
Brazil	\$2,083,797,195	14.2%
France	\$1,563,176,596	10.6%
United Kingdom	\$1,513,127,804	10.3%
Canada	\$1,361,171,358	9.2%
China	\$1,119,375,910	7.6%
Others	\$7,085,502,879	48.1%

Electrical Machinery (HS 85) Exports



Harmonized Tariff Schedule		2016	2017	2018	% Chng. 17 to 18
TOTAL		\$3,212,745,023	\$3,390,356,067	\$3,521,763,125	3.9%
8536	Apparatus for Switching (fuses, relays, plugs)	\$289,425,098	\$325,888,097	\$345,551,061	6.0%
8509	Electro-Mechanical Domestic Appliances	\$294,590,004	\$310,730,843	\$305,964,526	-1.5%
8537	Boards, Panels, Consoles, Electrical Switches	\$180,061,705	\$248,552,850	\$259,328,620	4.3%
8544	Insulated Wire, Cable, Optical Fiber Cables	\$194,616,921	\$183,167,710	\$199,887,416	9.1%
8504	Electrical Transformers, Converters, Inductors	\$188,343,668	\$194,522,622	\$198,958,677	2.3%
8517	Apparatus for Telephony (wired or wireless)	\$118,736,605	\$112,519,474	\$181,676,581	61.5%
8512	Light Equip./Wipers/Defrosters for Vehicles	\$171,060,310	\$192,408,089	\$179,639,622	-6.6%
8543	Elec. machines with Individual Functions Nesoi	\$147,591,620	\$143,001,256	\$158,746,865	11.0%
8526	Radar Appar./Radio Navig. Aid/Remote Control	\$134,295,587	\$137,229,880	\$147,035,712	7.1%
8529	Parts for Television, Radio, Radar Apparatus	\$115,818,474	\$140,593,001	\$113,558,594	-19.2%
8507	Electric Storage Batteries, Including Separators	\$100,229,337	\$107,965,878	\$110,069,131	1.9%
8525	Transceivers, etc; TV Cameras, Digital Cameras	\$151,015,349	\$136,398,160	\$109,095,520	-20.0%
8515	Electric, Laser or Other Light or Photon Beam	\$106,412,716	\$109,996,242	\$105,294,911	-4.3%
8501	Electric Motors And Generators	\$113,579,830	\$100,225,527	\$100,160,103	-0.1%
8528	TV Receivers, Incl. Video Monitors & Projectors	\$13,186,002	\$26,039,244	\$93,532,672	259.2%
8511	Electric Ignition Equipment	\$77,181,675	\$93,150,071	\$85,888,408	-7.8%
8541	Semiconductor Devices; Light-Emitting Diodes	\$48,657,380	\$83,446,466	\$84,929,819	1.8%
8531	Elec. Sound/Visual Signaling Apparatus (alarms)	\$60,895,765	\$56,511,264	\$71,486,419	26.5%
8542	Electronic Integrated Circuits; parts thereof	\$40,648,476	\$45,431,592	\$69,634,893	53.3%
Multi	Remaining commodities	\$666,398,501	\$642,577,801	\$601,323,575	-6.4%

Nesoi - Not elsewhere specified or indicated



Top 5 Trading Partners - 2018

	2018 Value	Pct of Total
Total	\$3,521,763,125	
Canada	\$1,109,375,082	31.5%
Mexico	\$615,160,429	17.5%
China	\$219,427,395	6.2%
Netherlands	\$147,121,902	4.2%
Belgium	\$121,633,181	3.5%
Others	\$1,309,045,136	37.2%

Top 5 Trading Partners - 2016 to 2018

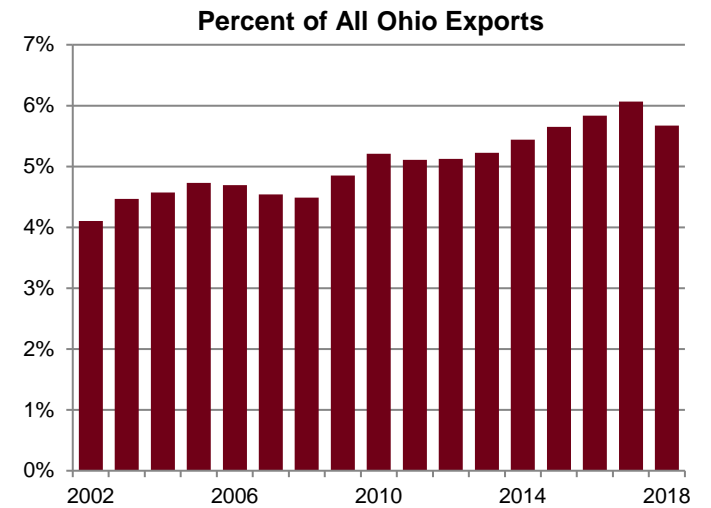
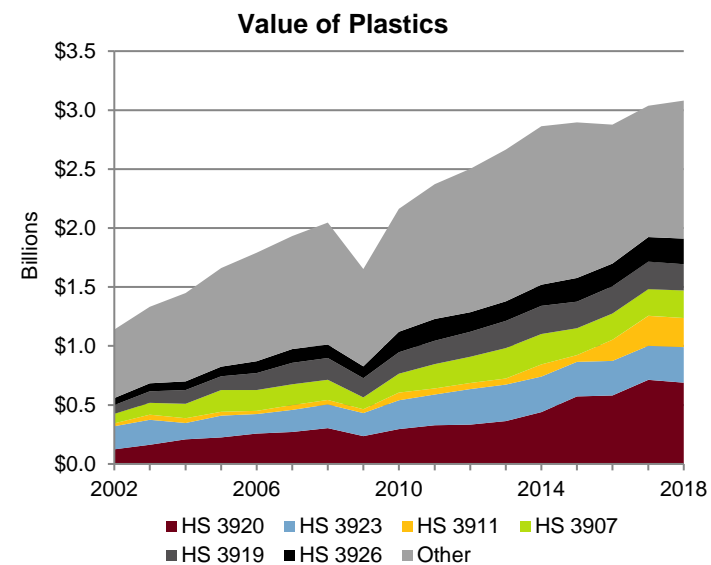
	2016 to 2018 Value	Pct of 3-yr Total
Total	\$10,124,864,215	
Canada	\$3,168,489,157	31.3%
Mexico	\$1,986,414,765	19.6%
China	\$611,043,038	6.0%
Netherlands	\$387,586,110	3.8%
Belgium	\$317,443,714	3.1%
Others	\$3,653,887,431	36.1%

Plastics & Articles Thereof (HS 39) Exports



Harmonized Tariff Schedule		2016	2017	2018	% Chng. 17 to 18
TOTAL		\$2,877,319,101	\$3,038,246,102	\$3,080,655,840	1.4%
3920	Plates, Sheets, Film Not Supported/Combined	\$580,641,457	\$712,794,806	\$689,138,430	-3.3%
3923	Containers (Boxes, Bags Etc), Closurers	\$293,101,116	\$288,755,845	\$301,239,132	4.3%
3911	Petro Resins, Polysulfides Nesoi in primary form	\$178,139,710	\$253,865,932	\$246,927,863	-2.7%
3907	Polyethers/Expoxides/Polyesters in primary forms	\$222,935,235	\$227,568,941	\$234,868,312	3.2%
3919	Self-Adhesive Plates, Sheets, Film Etc	\$232,380,919	\$233,291,449	\$220,673,252	-5.4%
3926	Articles Of Plastics (Inc Polymers & Resins) Nesoi	\$190,344,666	\$207,070,061	\$218,077,551	5.3%
3902	Polymers Of Propylene/Olefins in primary form	\$161,166,612	\$146,098,407	\$162,740,858	11.4%
3921	Plates, Sheets, Film, Foil & Strip Nesoi	\$141,095,835	\$122,902,207	\$137,699,419	12.0%
3909	Amino-Resins/Phenolics/Polyurethanes, prim form	\$117,788,919	\$127,029,358	\$131,547,841	3.6%
3903	Polymers Of Styrene in primary form	\$94,865,918	\$128,136,064	\$128,935,094	0.6%
3917	Tubes, Pipes & Hoses & Their Fittings	\$83,375,553	\$87,700,772	\$98,142,422	11.9%
3904	Polymers Of Vinyl Chloride Etc. in primary form	\$125,976,796	\$90,238,074	\$95,556,052	5.9%
3906	Acrylic Polymers in primary form	\$128,805,408	\$76,888,505	\$74,893,710	-2.6%
3901	Polymers Of Ethylene in primary form	\$51,276,240	\$64,036,209	\$62,660,299	-2.1%
3924	Tableware & Other Household Articles Etc	\$70,888,584	\$61,771,116	\$62,586,247	1.3%
3908	Polyamides in primary form	\$37,444,913	\$36,500,960	\$44,658,866	22.3%
3910	Silicones in primary forms	\$29,232,450	\$39,232,928	\$42,250,289	7.7%
3925	Builders Ware (doors, shutters, blinds), Nesoi	\$38,298,338	\$37,657,408	\$41,876,840	11.2%
3916	Monofilament, Cross-Section >1mm, Rods, Sticks	\$21,512,629	\$25,373,042	\$33,616,672	32.5%
Multi	Remaining commodities	\$78,047,803	\$71,334,018	\$52,566,691	-26.3%

Nesoi - Not elsewhere specified or indicated



Top 5 Trading Partners - 2018

	2018 Value	Pct of Total
Total	\$3,080,655,840	
Canada	\$1,016,873,263	33.0%
Mexico	\$607,942,006	19.7%
China	\$368,518,863	12.0%
Belgium	\$138,473,691	4.5%
Taiwan	\$114,888,794	3.7%
Others	\$833,959,223	27.1%

Top 5 Trading Partners - 2016 to 2018

	2016 to 2018 Value	Pct of 3-yr Total
Total	\$8,996,221,043	
Canada	\$3,006,180,069	33.4%
Mexico	\$1,725,692,521	19.2%
China	\$1,094,907,519	12.2%
Belgium	\$405,426,603	4.5%
Taiwan	\$347,478,828	3.9%
Others	\$2,416,535,503	26.9%

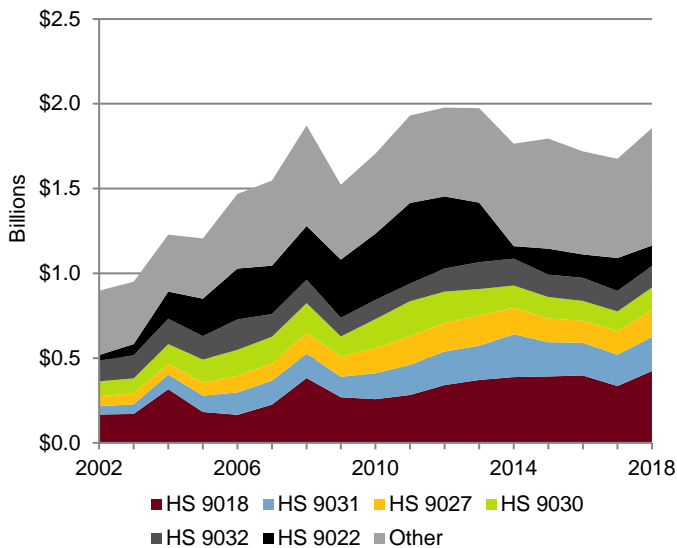
Optic, Photo; Medical Instruments (HS 90) Exports



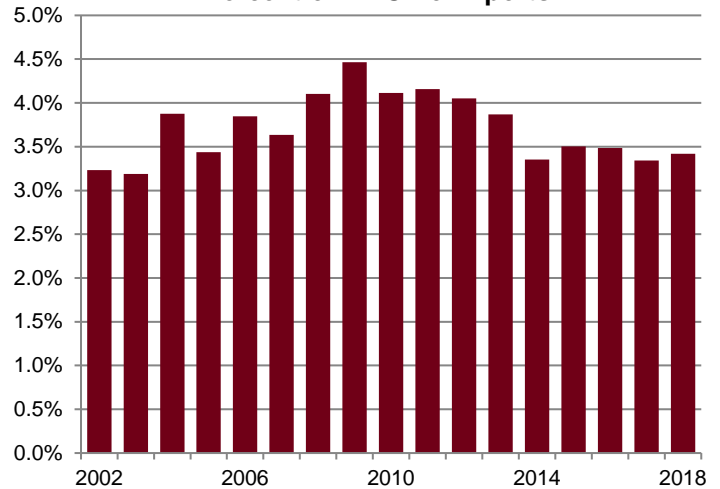
Harmonized Tariff Schedule		2016	2017	2018	% Chng. 17 to 18
TOTAL		\$1,719,055,626	\$1,675,268,660	\$1,856,876,677	10.8%
9018	Medical, Surgical, Dental or Vet Instruments	\$397,004,789	\$335,196,694	\$423,814,271	26.4%
9031	Measuring or Checking Instruments Nesoi	\$192,729,480	\$184,629,278	\$199,396,460	8.0%
9027	Instru./Apparatus for Physical/Chemical Analysis	\$130,015,380	\$139,494,148	\$159,204,816	14.1%
9030	Oscilloscopes, Spectrum Analyzers etc	\$117,618,556	\$115,387,887	\$134,558,472	16.6%
9032	Automatic Regulating or Control Instruments	\$136,346,697	\$120,854,361	\$125,587,353	3.9%
9022	X-Ray Etc Apparatus; Tubes, Panels, Screen etc	\$137,343,718	\$195,254,220	\$120,808,076	-38.1%
9029	Revolution/Production Counters, Odometers etc	\$89,359,940	\$104,005,067	\$118,853,297	14.3%
9021	Orthopedic Appliances; Artificial Body Parts; etc	\$48,302,644	\$54,669,550	\$96,613,242	76.7%
9026	Instruments for Measuring Liquids and Gases	\$98,102,630	\$89,605,711	\$88,807,820	-0.9%
9015	Survey/Hydro./ Meteorological Instruments	\$62,859,219	\$63,334,816	\$74,039,236	16.9%
9001	Optic Fibers; Polarizing Sheets; Optic Elements	\$56,602,753	\$61,537,212	\$70,706,190	14.9%
9013	Liquid Crystal Devices Nesoi; Lasers	\$36,250,504	\$36,445,701	\$44,973,195	23.4%
9024	Machines for Testing Mechanical Properties	\$39,487,954	\$45,455,993	\$40,336,413	-11.3%
9033	Parts, Nesoi For Machines, Appliances, Instru.	\$4,017,545	\$11,205,733	\$36,973,644	230.0%
9025	Hydrometers, Thermometers, Pyrometers etc	\$30,090,853	\$29,135,444	\$28,822,351	-1.1%
9023	Instruments/Models for Demonstrational Use	\$18,326,500	\$22,298,465	\$26,611,365	19.3%
9019	Mechano-therapy & oth. respiration apparatus, etc	\$10,819,488	\$11,058,508	\$18,284,908	65.3%
9017	Drawing, Math, Measuring Instruments Etc Nesoi	\$6,841,305	\$11,093,343	\$8,761,338	-21.0%
Multi	Remaining commodities	\$106,935,671	\$44,606,529	\$39,724,230	-10.9%

Nesoi - Not elsewhere specified or indicated

Value of Optic/Photo/Med. Instruments



Percent of All Ohio Exports



Top 5 Trading Partners - 2018

	2018 Value	Pct of Total
Total	\$1,856,876,677	
Canada	\$290,970,060	15.7%
Germany	\$230,957,102	12.4%
China	\$215,315,071	11.6%
Mexico	\$117,847,026	6.3%
Brazil	\$106,768,939	5.7%
Others	\$895,018,479	48.2%

Top 5 Trading Partners - 2016 to 2018

	2016 to 2018 Value	Pct of 3-yr Total
Total	\$5,251,200,963	
Canada	\$903,462,785	17.2%
China	\$737,330,946	14.0%
Germany	\$413,666,088	7.9%
Mexico	\$333,486,299	6.4%
Brazil	\$294,526,919	5.6%
Others	\$2,568,727,926	48.9%

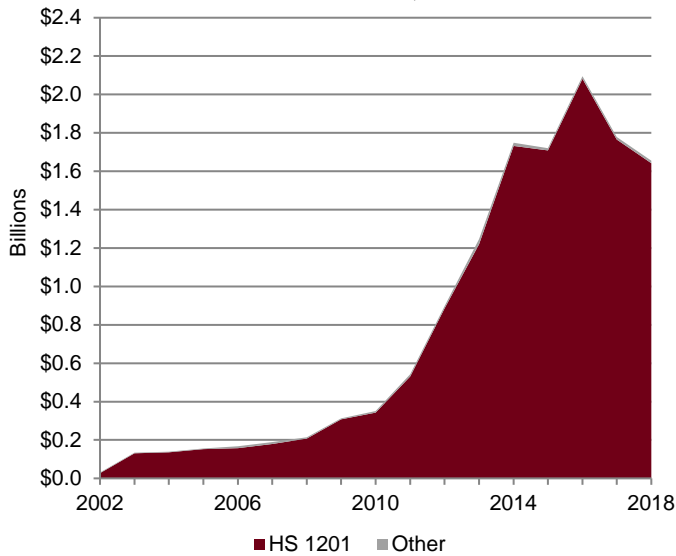
Oil Seed, Misc. Grain, Fruit (HS 12) Exports



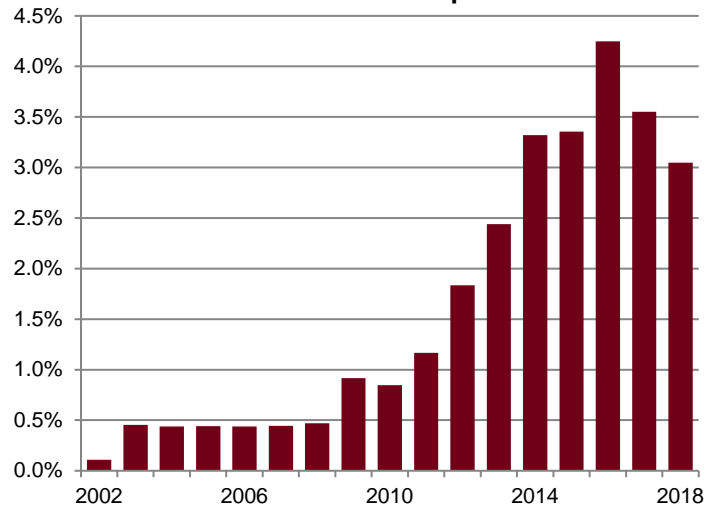
Harmonized
Tariff Schedule

	2016	2017	2018	% Chng. 17 to 18
TOTAL	\$2,095,336,097	\$1,778,671,033	\$1,655,030,064	-7.0%
1201 Soybeans, Whether Or Not Broken	\$2,081,538,243	\$1,766,068,185	\$1,641,292,704	-7.1%
1208 Flour & Meal Of Oil Seed (no mustard seed)	\$6,792,787	\$3,426,094	\$5,976,729	74.4%
1209 Seeds, Fruit And Spores, For Sowing	\$4,350,348	\$4,694,155	\$4,717,366	0.5%
1211 Plants etc for Pharmacy, Perfume, Insecticides	\$1,953,615	\$3,556,032	\$2,180,036	-38.7%
1214 Rutabagas, Hay, Clover & Other Forage Products	\$289,150	\$400,206	\$338,237	-15.5%
1210 Hop Cones, Fresh or Dried; Lupulin	\$133,676	\$155,975	\$176,342	13.1%
1207 Oil Seeds & Oleaginous Fruits Nesoi, Broken/Not	\$71,728	\$166,239	\$152,272	-8.4%
1206 Sunflower Seeds, Whether or Not Broken	\$61,630	\$70,158	\$76,516	9.1%
1212 Locust Beans, Sugar Beet; Fruit Pits Etc.	\$16,811	\$50,829	\$64,816	27.5%
1202 Peanuts (Ground-Nuts), Raw	\$0	\$0	\$38,720	n.a.
1204 Flaxseed (Linseed), Whether or Not Broken	\$31,709	\$9,498	\$16,326	71.9%
1205 Rape or Colza Seeds, Whether or Not Broken	\$87,199	\$73,662	\$0	-100.0%
1213 Cereal Straw & Husks Unprepared	\$9,201	\$0	\$0	n.a.

Value of Oil Seeds, etc.



Percent of All Ohio Exports



Top 5 Trading Partners - 2018

	2018 Value	Pct of Total
Total	\$1,655,030,064	
Mexico	\$352,414,621	21.3%
Argentina	\$185,660,547	11.2%
China	\$157,677,213	9.5%
Pakistan	\$112,967,800	6.8%
Indonesia	\$112,314,234	6.8%
Others	\$733,995,649	44.3%

Top 5 Trading Partners - 2016 to 2018

	2016 to 2018 Value	Pct of 3-yr Total
Total	\$5,529,037,194	
China	\$1,922,204,565	34.8%
Mexico	\$929,045,046	16.8%
Bangladesh	\$446,381,666	8.1%
Indonesia	\$341,246,242	6.2%
Thailand	\$244,418,819	4.4%
Others	\$1,645,740,856	29.8%

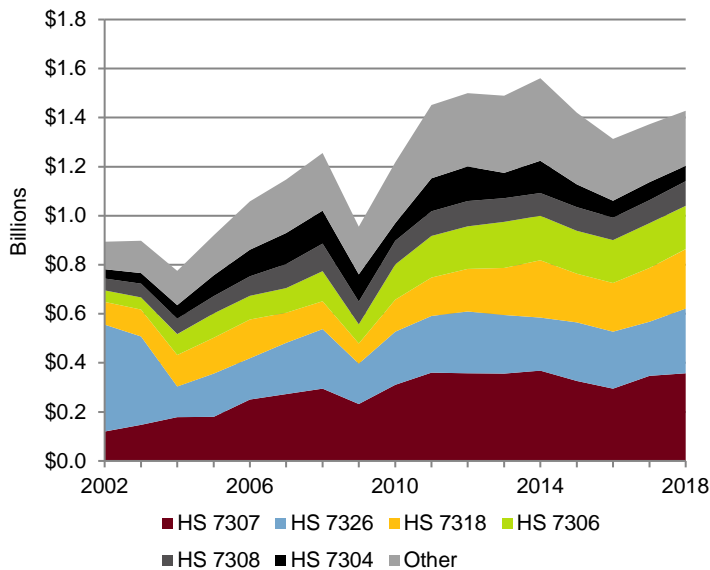
Iron And Steel Products (HS 73) Exports



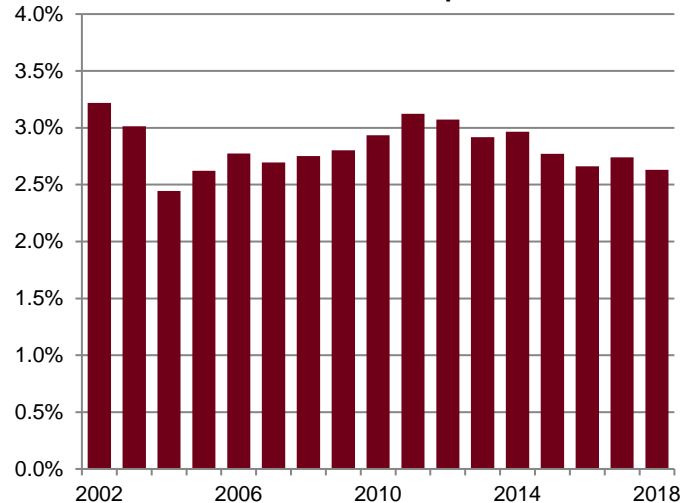
Harmonized Tariff Schedule		2016	2017	2018	% Chng. 17 to 18
TOTAL		\$1,313,043,685	\$1,372,477,591	\$1,428,207,038	4.1%
7307	Tube Or Pipe Fittings	\$295,110,499	\$346,628,874	\$356,771,628	2.9%
7326	Articles Of Iron Or Steel, Nesoi	\$232,061,698	\$220,774,683	\$264,624,495	19.9%
7318	Screws, Bolts, Nuts, Washers Etc	\$197,923,425	\$219,022,373	\$242,015,327	10.5%
7306	Tubes, Pipes & Hollow Profiles Nesoi	\$175,755,578	\$183,894,318	\$176,559,398	-4.0%
7308	Structures Nesoi & Parts Thereof	\$90,482,690	\$93,457,829	\$100,582,012	7.6%
7304	Tubes, Pipes Etc, Seamless	\$70,362,431	\$72,788,422	\$63,212,509	-13.2%
7311	Containers for Compressed Liquefied Gas	\$37,033,501	\$49,203,169	\$42,326,807	-14.0%
7310	Tanks Etc, <= 300 Liter Capacity	\$34,410,412	\$31,078,690	\$40,583,891	30.6%
7320	Springs & Leaves For Springs	\$50,254,178	\$54,617,097	\$38,770,592	-29.0%
7323	Table, Kitchen, Household Articles	\$7,192,561	\$8,249,346	\$12,092,400	46.6%
7315	Chain & Parts	\$13,821,302	\$11,539,010	\$11,994,992	4.0%
7325	Cast Articles Nesoi	\$14,301,560	\$11,235,549	\$11,950,576	6.4%
7303	Tubes, Pipes And Hollow Profiles Of Cast Iron	\$15,741,934	\$14,427,762	\$11,610,907	-19.5%
7312	Stranded Wire, Ropes Etc, Not Elec. Insulated	\$9,892,368	\$9,288,840	\$9,415,372	1.4%
7324	Sanitary Ware (sinks/baths) & Parts	\$7,768,432	\$7,008,835	\$8,779,294	25.3%
7314	Cloth, Grill, Netting, Fencing, Etc; Of Iron Or Steel	\$4,938,977	\$4,713,533	\$7,003,827	48.6%
7302	Railway Track Construction Material, Iron & Steel	\$4,760,877	\$3,932,289	\$6,375,694	62.1%
7322	Radiators, Air Heaters, Etc; Nonelec., Iron & Steel	\$3,355,350	\$3,836,310	\$5,113,958	33.3%
7317	Nails, Tacks, Drawing Pins Etc Of Iron Or Steel	\$3,249,307	\$4,210,487	\$4,813,041	14.3%
Multi	Remaining commodities	\$44,626,605	\$22,570,175	\$13,610,318	-39.7%

Nesoi - Not elsewhere specified or indicated

Value of Iron/Steel Products



Percent of All Ohio Exports



Top 5 Trading Partners - 2018

	2018 Value	Pct of Total
Total	\$1,428,207,038	
Canada	\$584,945,701	41.0%
Mexico	\$310,156,172	21.7%
Japan	\$74,476,039	5.2%
China	\$62,507,487	4.4%
Netherlands	\$50,578,827	3.5%
Others	\$345,542,812	24.2%

Top 5 Trading Partners - 2016 to 2018

	2016 to 2018 Value	Pct of 3-yr Total
Total	\$4,113,728,314	
Canada	\$1,640,980,284	39.9%
Mexico	\$908,818,909	22.1%
Japan	\$199,412,613	4.8%
China	\$187,393,306	4.6%
Switzerland	\$178,052,578	4.3%
Others	\$999,070,624	24.3%

Cosmetics, Perfumery, Essential Oils (HS 33) Exports

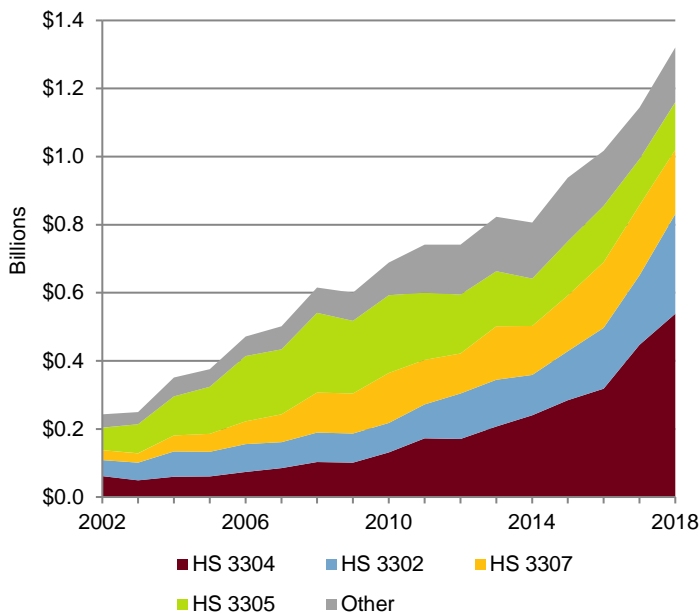


Harmonized
Tariff Schedule

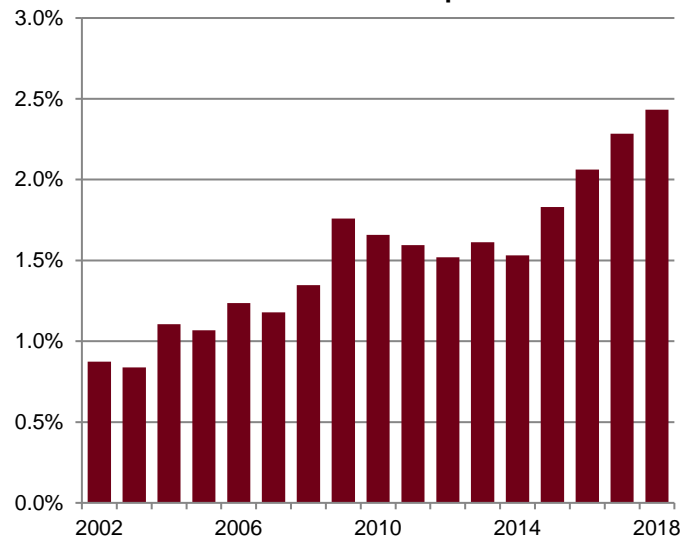
	2016	2017	2018	% Chng. 17 to 18
TOTAL	\$1,016,900,560	\$1,144,201,203	\$1,320,635,203	15.4%
3304 Beauty, Make-Up & Skin-Care Preparations	\$318,203,159	\$447,379,656	\$538,512,308	20.4%
3302 Odoriferous Mixtures; Industry & Beverage Mfg	\$178,494,910	\$203,263,592	\$292,871,737	44.1%
3307 Shaving/Bath Preparations; Toilet Preps Nesoi	\$193,012,493	\$205,951,720	\$188,560,648	-8.4%
3305 Preparations For Use On The Hair	\$165,132,300	\$135,673,632	\$139,526,567	2.8%
3303 Perfumes And Toilet Waters	\$65,660,729	\$66,307,321	\$68,412,962	3.2%
3306 Preparations, Oral Dental Hygiene; Dental Floss	\$77,398,797	\$74,268,708	\$65,216,088	-12.2%
3301 Essential Oils, Resinoids	\$18,998,172	\$11,356,574	\$27,534,893	142.5%

Nesoi - Not elsewhere specified or indicated

Value of Cosmetic Products



Percent of All Ohio Exports



Top 5 Trading Partners - 2018

	2018 Value	Pct of Total
Total	\$1,320,635,203	
Canada	\$436,484,939	33.1%
Singapore	\$96,024,377	7.3%
Mexico	\$79,344,749	6.0%
U. A. E.	\$66,274,158	5.0%
France	\$63,353,238	4.8%
Others	\$579,153,742	43.9%

Top 5 Trading Partners - 2016 to 2018

	2016 to 2018 Value	Pct of 3-yr Total
Total	\$3,481,736,966	
Canada	\$1,276,554,591	36.7%
United Kingdom	\$253,274,202	7.3%
Mexico	\$218,542,128	6.3%
Singapore	\$171,829,257	4.9%
U. A. E.	\$166,841,948	4.8%
Others	\$1,394,694,840	40.1%

Iron And Steel (HS 72) Exports

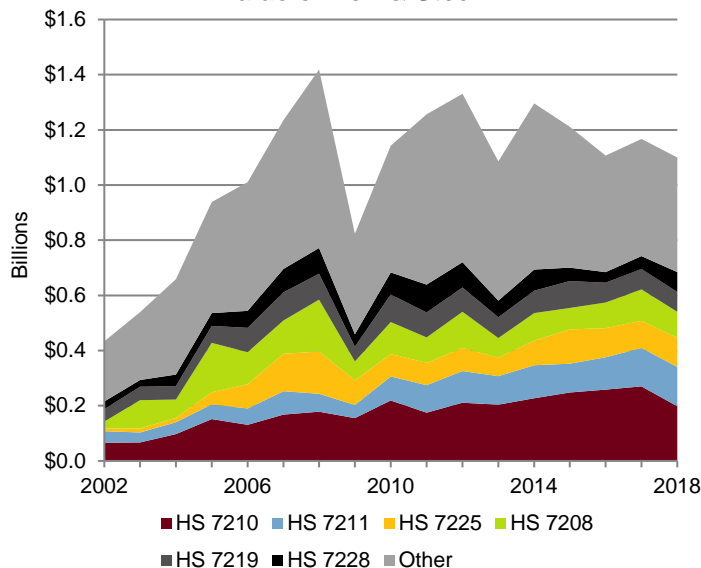


Harmonized
Tariff Schedule

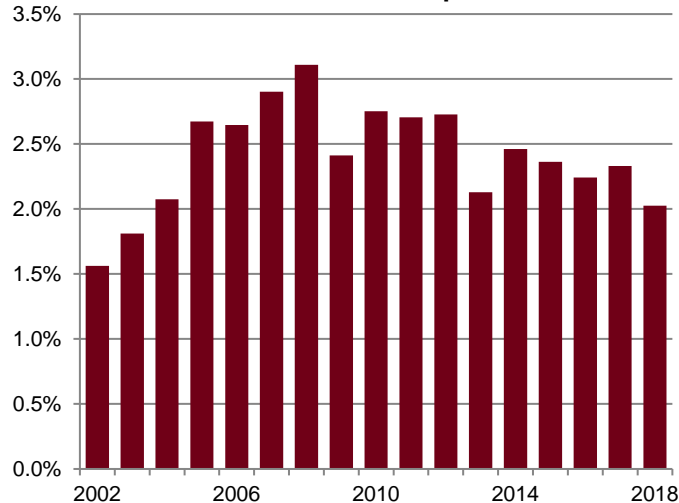
	2016	2017	2018	% Chng. 17 to 18
TOTAL	\$1,106,719,749	\$1,167,592,584	\$1,099,641,451	-5.8%
7210 Flat-roll Iron/Nonalloy Steel, 600+mm wd, clad	\$258,566,058	\$270,299,562	\$198,095,040	-26.7%
7211 Flat-roll Iron/Nonalloy Steel, <600mm wd, nt clad	\$116,967,689	\$139,219,092	\$142,379,588	2.3%
7225 Flat-rolled Alloy Steel Nesoi 600+mm wide	\$105,779,769	\$98,620,870	\$106,181,433	7.7%
7208 Flat-roll Iron/NA Steel,600+mm Hot-roll, not clad	\$93,111,901	\$113,606,584	\$93,379,654	-17.8%
7219 Flat-roll Stainless Steel Products, 600+mm wide	\$71,802,038	\$74,644,994	\$72,734,908	-2.6%
7228 Alloy Steel Nesoi Bars, Angles, Hollow Bars etc	\$38,603,875	\$46,154,707	\$71,859,473	55.7%
7220 Flat-rolled Stainless Steel, <600mm wide	\$79,645,623	\$82,107,318	\$70,007,199	-14.7%
7204 Ferrous Waste & Scrap; Remelt Scrap Iron/Steel	\$44,161,668	\$58,331,781	\$50,526,543	-13.4%
7212 Flat-roll Iron/Nonalloy Steel, <600mm wd, clad	\$27,102,653	\$34,159,742	\$46,019,690	34.7%
7202 Ferroalloys	\$44,324,443	\$44,480,452	\$40,125,089	-9.8%
7226 Flat-rolled Alloy Steel Nesoi <600mm wide	\$39,083,831	\$28,540,831	\$39,559,209	38.6%
7209 Flat-roll Iron/NA Steel <600mm Cold-roll,not clad	\$27,470,192	\$27,910,179	\$27,983,305	0.3%
7222 Bars/Rods, Stainless Steel Nesoi; Angles, Shapes	\$17,024,522	\$18,366,778	\$24,283,142	32.2%
7229 Wire of Alloy Steel Nesoi	\$20,386,671	\$21,245,187	\$20,594,817	-3.1%
7217 Wire of Iron & Nonalloy Steel	\$22,670,452	\$20,596,306	\$18,633,486	-9.5%
7214 Bars/Rods, Iron/Nonalloy Steel Nesoi, Hot-roll etc	\$25,727,841	\$23,793,983	\$17,917,139	-24.7%
7227 Bars/Rods Alloy Steel Nesoi, Hot-roll irreg coils	\$24,160,872	\$21,842,773	\$15,488,676	-29.1%
7215 Bars/Rods of Iron & Nonalloy Steel Nesoi	\$6,034,247	\$9,180,722	\$10,071,074	9.7%
7224 Alloy Steel Nesoi In Ingots or Other Primary Forms	\$7,434,145	\$4,625,968	\$8,860,979	91.5%
Multi Remaining commodities	\$36,661,259	\$29,864,755	\$24,941,007	-16.5%

Nesoi - Not elsewhere specified or indicated

Value of Iron & Steel



Percent of All Ohio Exports



Top 5 Trading Partners - 2018

	2018 Value	Pct of Total
Total	\$1,099,641,451	
Canada	\$663,036,040	60.3%
Mexico	\$238,665,651	21.7%
China	\$37,623,416	3.4%
Italy	\$24,188,273	2.2%
U. K.	\$13,660,670	1.2%
Others	\$122,467,401	11.1%

Top 5 Trading Partners - 2016 to 2018

	2016 to 2018 Value	Pct of 3-yr Total
Total	\$3,373,953,784	
Canada	\$2,159,139,584	64.0%
Mexico	\$636,368,266	18.9%
China	\$146,801,824	4.4%
Germany	\$66,850,497	2.0%
Italy	\$53,677,403	1.6%
Others	\$311,116,210	9.2%

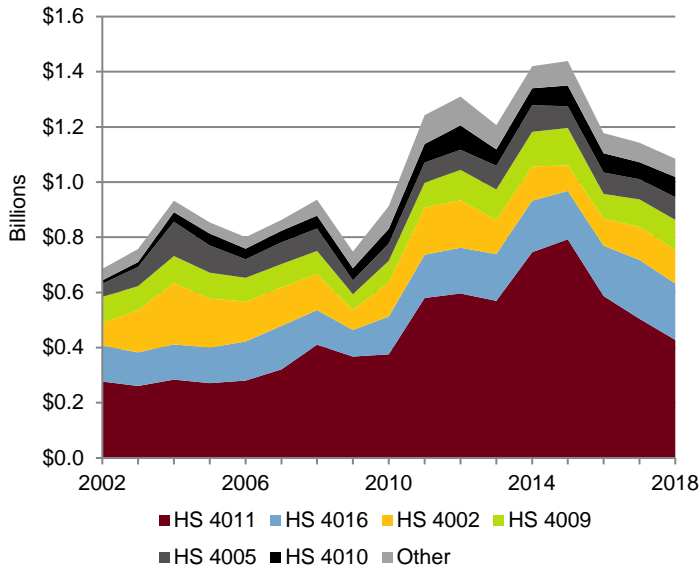
Rubber & Articles Thereof (HS 40) Exports



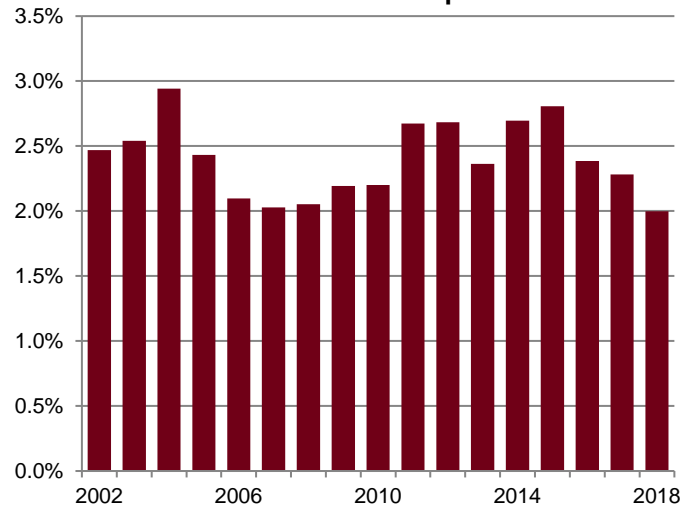
Harmonized Tariff Schedule		2016	2017	2018	% Chng. 17 to 18
TOTAL		\$1,177,275,080	\$1,142,813,544	\$1,084,977,250	-5.1%
4011	New Pneumatic Tires, of Rubber	\$587,016,921	\$504,679,814	\$428,388,237	-15.1%
4016	Articles Nesoi of Unhard Vulcanized Rubber	\$181,704,302	\$213,416,717	\$203,607,481	-4.6%
4002	Synthetic Rubber/Factice, primary forms etc	\$99,265,673	\$119,505,952	\$121,507,455	1.7%
4009	Tubes/Pipes/Hoses of Unhard Vulcanized Rubber	\$89,562,194	\$99,793,924	\$109,261,696	9.5%
4005	Compounded Rubber, Unvulcanized, prim. forms	\$77,786,080	\$72,659,500	\$82,640,298	13.7%
4010	Conveyor/Transmission Belts of Vulcan. Rubber	\$69,569,987	\$62,354,206	\$72,647,128	16.5%
4008	Plates/Sheets/Profile Shapes, Soft Vulc. Rubber	\$32,443,777	\$27,876,140	\$22,451,163	-19.5%
4012	Retread/Used Pneumatic Tires, Solid Tires etc,	\$16,914,816	\$17,961,889	\$18,740,259	4.3%
4006	Unvulcanized Rubber Forms/Articles Nesoi	\$5,411,872	\$6,501,576	\$7,597,997	16.9%
4015	Apparel & Accessories of Unhard Vulc. Rubber	\$5,727,583	\$5,880,730	\$5,415,811	-7.9%
4001	Natural Rubber/Balata/Chicle etc, primary form	\$2,417,856	\$2,639,859	\$4,372,822	65.6%
4017	Hard Rubber All Forms; Articles Of Hard Rubber	\$1,865,856	\$2,965,381	\$2,307,129	-22.2%
4014	Hygienic/Pharma. Articles Unhard Vulc. Rubber	\$1,635,787	\$2,250,368	\$2,191,184	-2.6%
4004	Waste of Rubber, Excluding Hard Rubber	\$4,967,536	\$2,712,222	\$1,998,742	-26.3%
4003	Reclaimed Rubber in Primary Forms	\$351,815	\$958,886	\$1,176,259	22.7%
4007	Vulcanized Rubber Thread and Cord	\$341,079	\$383,309	\$387,616	1.1%
4013	Inner Tubes for Tires, of Rubber	\$291,946	\$273,071	\$285,973	4.7%

Nesoi - Not elsewhere specified or indicated

Value of Rubber Products



Percent of All Ohio Exports



Top 5 Trading Partners - 2018

	2018 Value	Pct of Total
Total	\$1,084,977,250	
Canada	\$581,875,459	53.6%
Mexico	\$271,395,424	25.0%
China	\$42,995,598	4.0%
Germany	\$17,759,540	1.6%
Brazil	\$17,588,267	1.6%
Others	\$153,362,962	14.1%

Top 5 Trading Partners - 2016 to 2018

	2016 to 2018 Value	Pct of 3-yr Total
Total	\$3,405,065,874	
Canada	\$1,653,893,063	48.6%
Mexico	\$1,031,897,722	30.3%
China	\$130,099,913	3.8%
Brazil	\$58,001,398	1.7%
Australia	\$53,784,924	1.6%
Others	\$477,388,854	14.0%

Chemical Products (HS 38) Exports

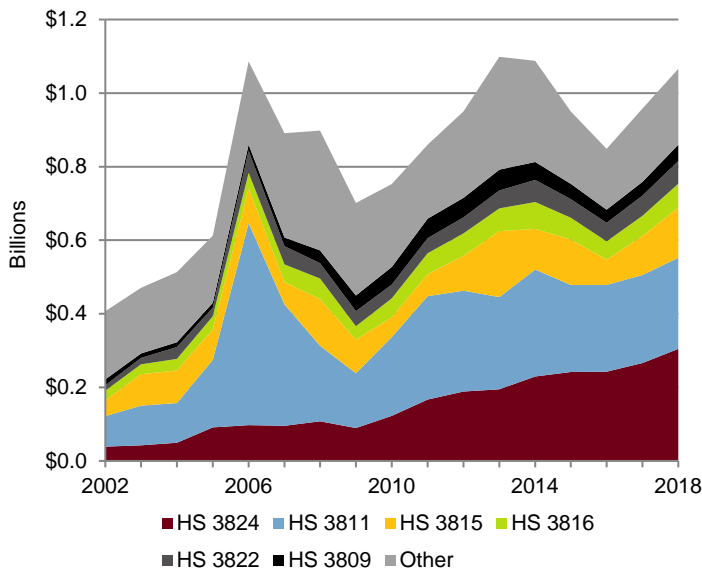


Harmonized
Tariff Schedule

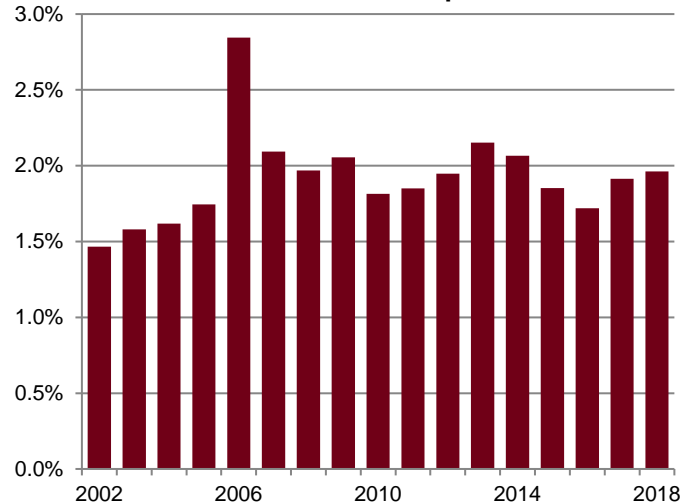
		2016	2017	2018	% Chng. 17 to 18
TOTAL		\$848,329,517	\$958,308,761	\$1,065,900,030	11.2%
3824	Binders for Foundry Molds; Chemical Prod. Nesoi	\$243,018,332	\$266,137,540	\$304,699,737	14.5%
3811	Antiknock Preps./Oth. Additives for Mineral Oils	\$235,198,104	\$239,597,062	\$247,833,878	3.4%
3815	Reaction Initiators/Accelerators/Catalysts Nesoi	\$69,452,323	\$106,145,803	\$136,461,538	28.6%
3816	Refractory Cements, Mortars, Concretes Nesoi	\$49,291,795	\$54,703,138	\$64,160,262	17.3%
3822	Comp. Diagnostic/Lab Reagents, Excl. Pharma.	\$50,090,119	\$55,120,385	\$62,135,009	12.7%
3809	Finishing Agents for Textiles, Paper etc Nesoi	\$36,275,004	\$36,656,598	\$43,985,726	20.0%
3812	Prepared Rubber Accelerators; Plasticizers etc	\$38,944,742	\$38,540,901	\$39,886,325	3.5%
3808	Insecticides, Rodenticides; Fungicides etc, Retail	\$24,914,075	\$30,963,763	\$37,800,126	22.1%
3810	Pickling Preps For Metal; Soldering etc	\$31,794,479	\$36,398,361	\$37,289,258	2.4%
3801	Artificial Graphite; Collodial Graphite etc	\$26,296,250	\$43,345,700	\$34,748,422	-19.8%
3823	Ind. Monocarboxylic Fatty Acids; Acid Oil, etc	\$24,888,924	\$32,249,257	\$33,254,762	3.1%
3802	Activated Carbon Etc.; Animal Black	\$5,810,647	\$5,319,161	\$7,637,380	43.6%
3814	Organic Composite Solvents & Thinners, Nesoi	\$2,601,805	\$3,161,901	\$3,388,420	7.2%
3826	Biodiesel & Mixes Contain <70% Petrol Oils Etc	\$252,839	\$1,230,463	\$2,975,742	141.8%
3820	Antifreezing Preparations & Deicing Fluids	\$2,028,868	\$1,849,341	\$2,439,189	31.9%
3819	Hydraulic Brake Fluids/Transmission Liquids	\$2,456,629	\$2,213,212	\$2,372,363	7.2%
3821	Prep. Culture Media for Devel. Microorganisms	\$1,739,893	\$1,172,728	\$1,333,426	13.7%
3818	Chem. Elem. Doped, Used In Electronics, Discs	\$1,274,495	\$885,189	\$1,110,068	25.4%
3807	Wood Tar, Vegetable Pitch etc & Similar Preps.	\$272,280	\$292,389	\$722,124	147.0%
Multi	Remaining commodities	\$2,000,194	\$2,618,258	\$2,388,399	-8.8%

Nesoi - Not elsewhere specified or indicated

Value of Chemical Products



Percent of All Ohio Exports



Top 5 Trading Partners - 2018

	2018 Value	Pct of Total
Total	\$1,065,900,030	
Canada	\$252,845,488	23.7%
China	\$152,880,990	14.3%
Mexico	\$136,361,909	12.8%
France	\$67,725,792	6.4%
Korea	\$50,720,290	4.8%
Others	\$405,365,561	38.0%

Top 5 Trading Partners - 2016 to 2018

	2016 to 2018 Value	Pct of 3-yr Total
Total	\$2,872,538,308	
Canada	\$669,113,926	23.3%
Mexico	\$384,225,594	13.4%
China	\$372,226,568	13.0%
France	\$181,035,217	6.3%
Korea	\$175,165,518	6.1%
Others	\$1,090,771,485	38.0%

Employment and Businesses Related to Exports



Goods exported from Ohio supported an estimated 249,000 jobs in 2016. Ninety-one percent of these jobs were supported by manufactured goods exports.

A total of 16,046 companies exported from Ohio in 2015. Of those, 14,237 (89 percent) were small and medium-sized enterprises with fewer than 500 employees.

Small and medium-sized firms generated nearly one-quarter of Ohio's total exports of merchandise in 2015.

Source: International Trade Administration and Bureau of the Census, U.S. Department of Commerce; <http://www.trade.gov/mas/ian/statereports/>

Leading Ohio Export Products and Their Leading Ohio Manufacturers



Commodity

Major Manufacturers

Transportation Products

Aircraft engines
Auto engines
Auto wheels
Auto A/C heating
Auto brakes
Auto shock absorbers
Tires
Additives

General Electric
Honda, General Motors, Ford
Alcoa, AAP St Marys
Behr, Showa Aluminum, Valeo
Nissin Brake, ADVICS
Tenneco, Keihin Thermal, ThyssenKrupp
Cooper Tire and Rubber
Lubrizol

Household Products

Washing machines
Dryers
Dishwashers
Food processors
Detergent
Soap
Paint & varnish

Whirlpool
Whirlpool
Whirlpool
Whirlpool
Procter & Gamble, Colgate-Palmolive
St Bernard Soap, GOJO Industries
Sherwin-Williams, PPG/Glidden, RPM

Metal Products

Steel bar and rod
Roller bearings
Pipe fittings

Republic Engineered Products, Charter Steel
Timken
Swagelock, Parker Hannifin

Machinery

ATMs
Machine tools, forging
Welding equipment
X ray equipment

Diebold
Minster Machine, Cincinnati Inc
Lincoln Electric, ITW Hobart
Philips

Glass

Safety glass
Fiberglass
Glassware

PPG, Guardian, Pilkington, AGC Automotive
Owens Corning, Johns Manville
Libbey, Anchor Hocking

Food

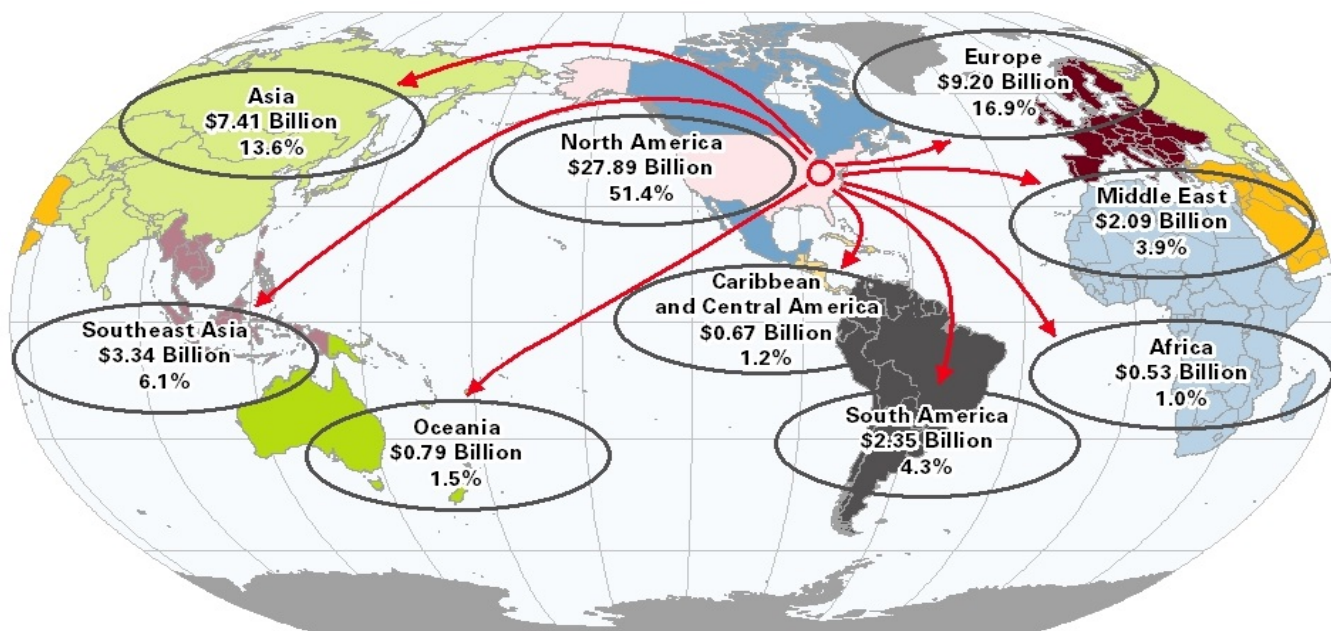
Baked goods
Jams and jellies

Pepperidge Farm
JM Smucker

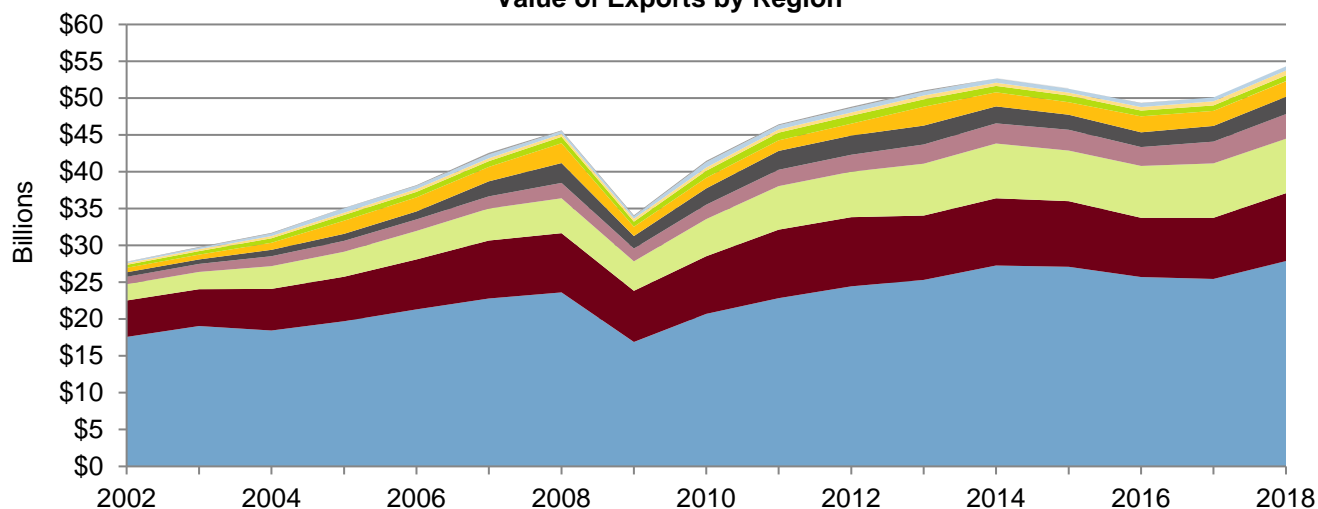
This list is derived from self-disclosure of the companies through news media. Neither the federal or state government maintains public databases of individual companies and their export values or destinations.

Ohio Exports

Regional Destinations: 2018



Value of Exports by Region

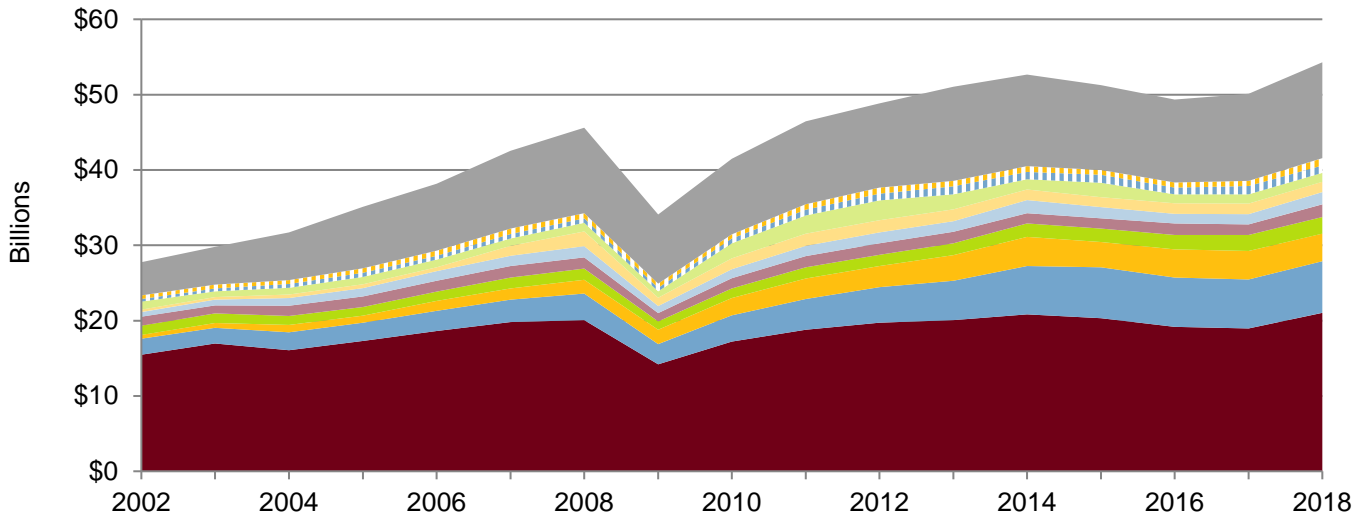


	2016	2017	2018	% of 2018 Exports	% Chng. 17 to 18
North America	\$25,713,366,081	\$25,451,919,744	\$27,891,795,087	51.4%	9.6%
Europe	\$8,017,247,618	\$8,295,340,445	\$9,202,269,812	16.9%	10.9%
Asia	\$7,049,958,189	\$7,375,789,465	\$7,408,722,061	13.6%	0.4%
Southeast Asia	\$2,566,452,119	\$2,983,395,114	\$3,337,783,410	6.1%	11.9%
South America	\$2,026,018,725	\$2,135,855,397	\$2,352,409,502	4.3%	10.1%
Middle East	\$2,161,097,406	\$2,033,380,031	\$2,093,553,863	3.9%	3.0%
Oceania	\$769,547,604	\$729,205,756	\$793,107,639	1.5%	8.8%
Caribbean/Central America	\$496,570,734	\$560,900,744	\$674,138,228	1.2%	20.2%
Africa	\$524,869,980	\$531,373,469	\$533,592,468	1.0%	0.4%
Unidentified/Other	\$5,130,664	\$5,617,942	\$5,446,996	0.0%	-3.0%

Ohio Export Destinations Top 10 Destinations: 2018

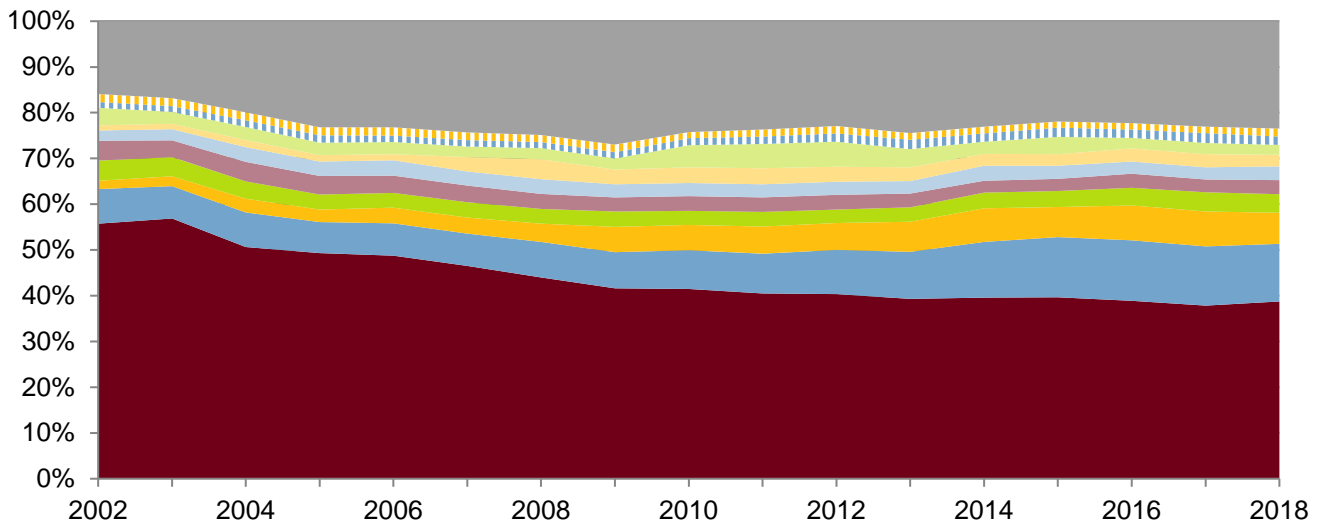


Value of Exports

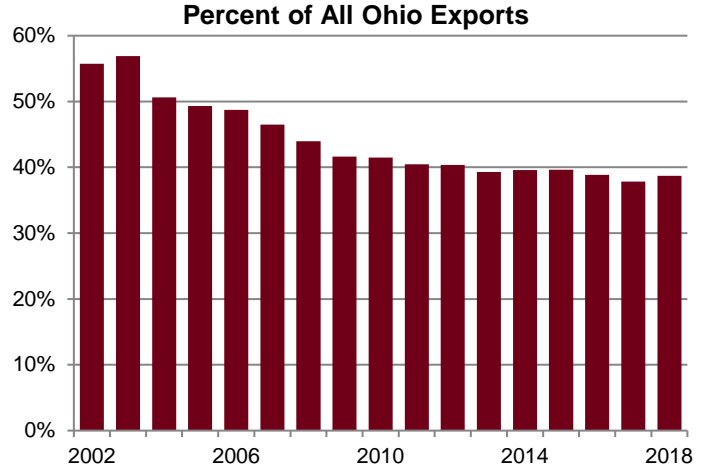
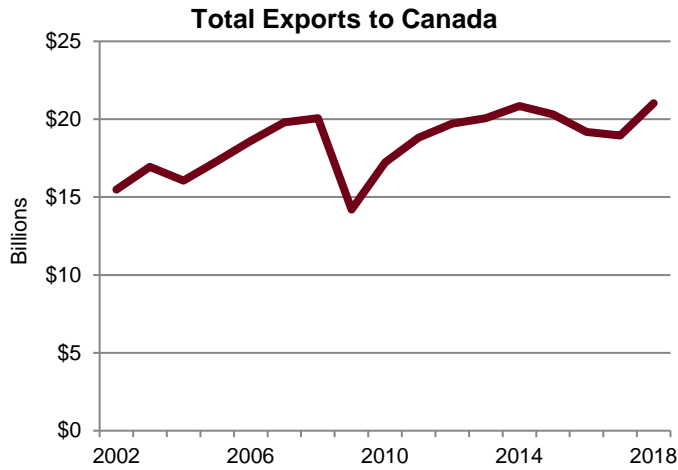


Destination	2018 Value	% of All Exports	% Change 17 to 18
Canada	\$21,026,232,893	38.7%	10.9%
Mexico	\$6,862,423,048	12.6%	5.7%
China	\$3,664,182,086	6.7%	-3.9%
United Kingdom	\$2,199,892,725	4.1%	4.5%
Japan	\$1,680,163,298	3.1%	19.5%
Germany	\$1,625,914,399	3.0%	21.5%
Brazil	\$1,376,429,385	2.5%	-3.3%
France	\$1,184,452,635	2.2%	-4.1%
Korea	\$971,868,729	1.8%	-10.6%
Netherlands	\$960,252,476	1.8%	37.7%
Remainder	\$12,741,007,392	23.5%	10.3%

Distribution of Exports

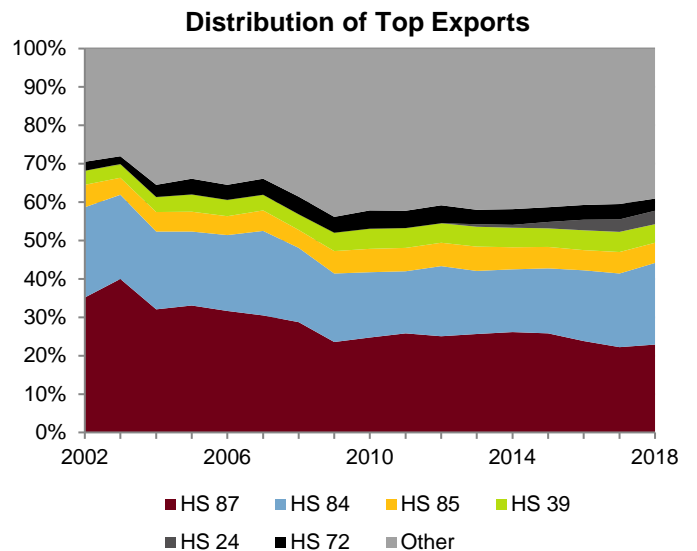
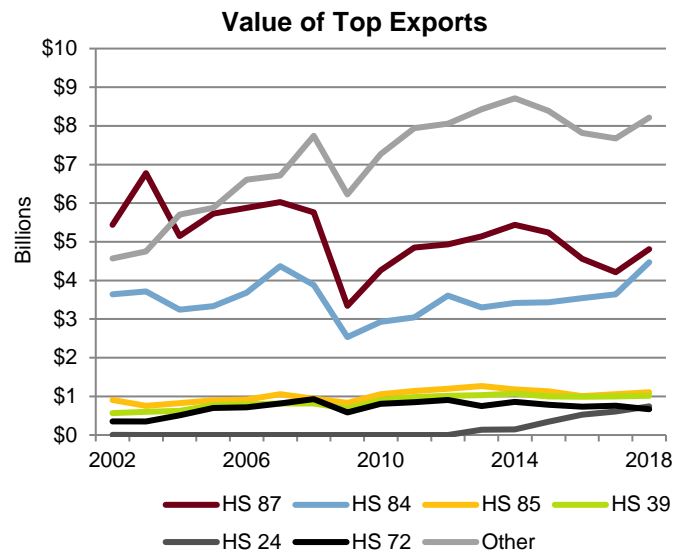


Exports to Canada

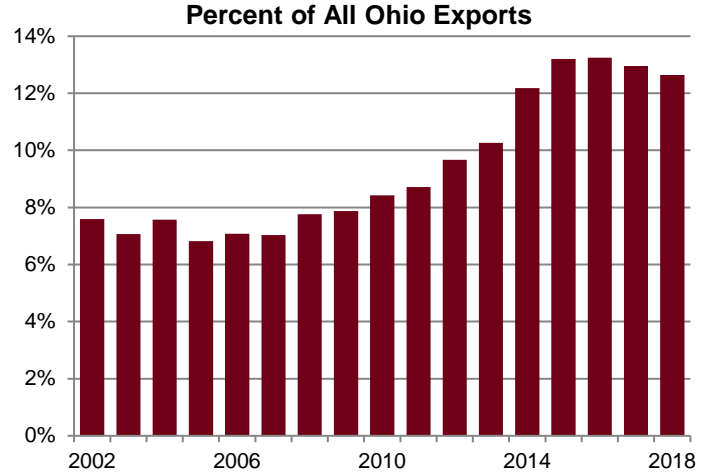
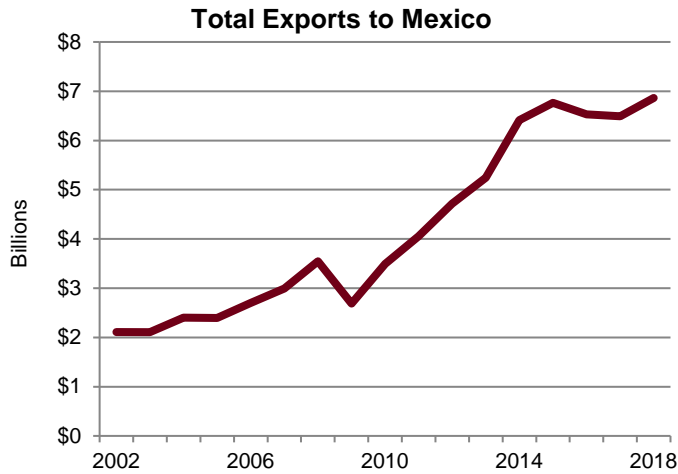


Harmonized
Tariff Schedule

	2016	2017	2018	% Chng. 17 to 18
TOTAL	\$19,177,080,689	\$18,958,531,578	\$21,026,232,893	10.9%
87 Vehicles and Parts	\$4,564,401,463	\$4,209,982,236	\$4,809,037,550	14.2%
84 Industrial Machinery, Including Computers	\$3,541,017,114	\$3,643,780,020	\$4,470,688,002	22.7%
85 Electric Machinery; Sound Equip.; TV Equip.	\$1,002,516,256	\$1,056,597,819	\$1,109,375,082	5.0%
39 Plastics and Articles Thereof	\$988,625,402	\$1,000,681,404	\$1,016,873,263	1.6%
24 Tobacco and Manufactured Substitutes	\$525,973,550	\$611,188,552	\$740,782,272	21.2%
72 Iron and Steel	\$735,617,834	\$760,485,710	\$663,036,040	-12.8%
34 Soap, Waxes, etc; Dental Preparations	\$613,368,407	\$582,253,913	\$631,533,076	8.5%
73 Iron and Steel Products	\$512,558,767	\$543,475,816	\$584,945,701	7.6%
40 Rubber and Articles Thereof	\$524,064,149	\$547,953,455	\$581,875,459	6.2%
88 Aircraft; Spacecraft and Parts	\$481,880,878	\$384,643,804	\$494,646,676	28.6%
33 Perfumery, Cosmetic, etc	\$427,555,323	\$412,514,329	\$436,484,939	5.8%
48 Paper, Paperboard, Articles of Paper Pulp	\$348,964,856	\$363,416,637	\$364,025,171	0.2%
27 Mineral Fuel, Oil, etc	\$379,355,271	\$327,047,221	\$321,648,880	-1.7%
90 Optic, Photo; Medical Instruments	\$325,195,283	\$287,297,442	\$290,970,060	1.3%
94 Furniture and Bedding	\$394,940,955	\$357,729,828	\$284,964,037	-20.3%
Multi Remaining commodities	\$3,811,045,181	\$3,869,483,392	\$4,225,346,685	9.2%

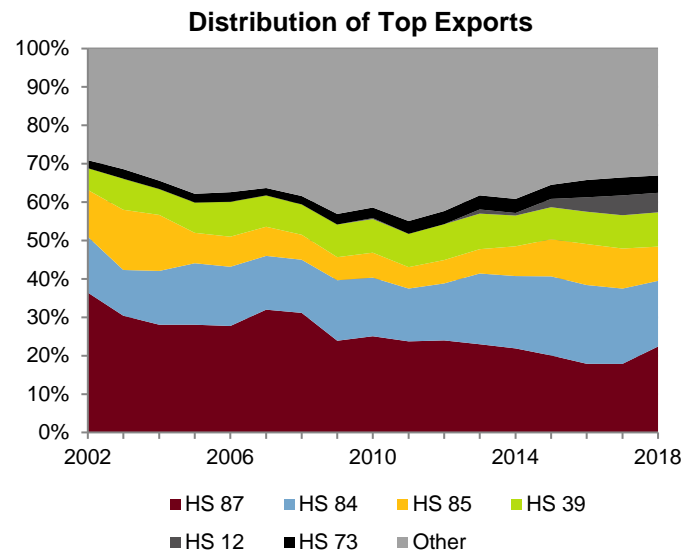
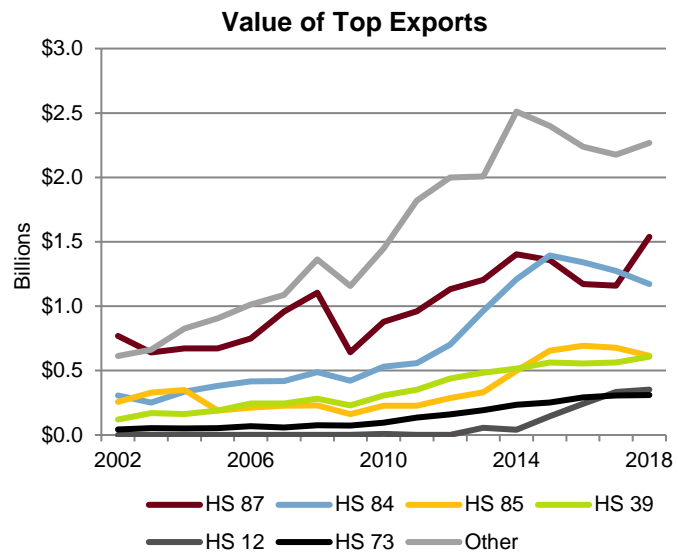


Exports to Mexico

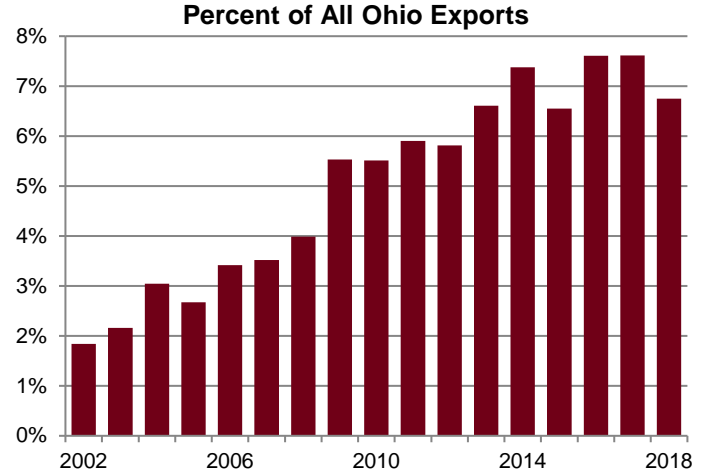
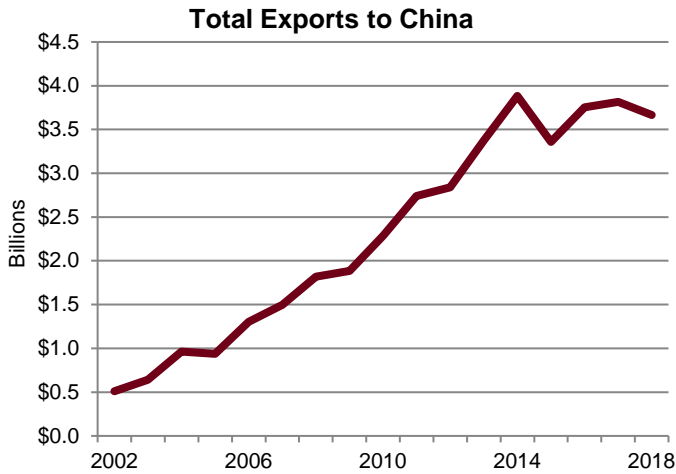


Harmonized
Tariff Schedule

	2016	2017	2018	% Chng. 17 to 18
TOTAL	\$6,533,165,840	\$6,490,134,703	\$6,862,423,048	5.7%
87 Vehicles and Parts	\$1,170,986,060	\$1,158,337,977	\$1,538,562,910	32.8%
84 Industrial Machinery, Including Computers	\$1,340,331,632	\$1,273,234,334	\$1,170,880,635	-8.0%
85 Electric Machinery; Sound Equip.; TV Equip.	\$692,776,858	\$678,477,478	\$615,160,429	-9.3%
39 Plastics and Articles Thereof	\$554,336,263	\$563,414,252	\$607,942,006	7.9%
12 Oil Seed, Miscellaneous Grain	\$242,991,162	\$333,639,263	\$352,414,621	5.6%
73 Iron and Steel Products	\$292,735,404	\$305,927,333	\$310,156,172	1.4%
40 Rubber and Articles Thereof	\$433,989,645	\$326,512,653	\$271,395,424	-16.9%
72 Iron and Steel	\$186,917,613	\$210,785,002	\$238,665,651	13.2%
88 Aircraft; Spacecraft and Parts	\$165,852,227	\$142,452,669	\$230,230,195	61.6%
32 Tanning, Dye, Paint, Putty	\$148,586,389	\$174,900,622	\$165,814,967	-5.2%
38 Miscellaneous Chemical Products	\$118,964,144	\$128,899,541	\$136,361,909	5.8%
76 Aluminum and Articles Thereof	\$106,267,935	\$105,743,105	\$126,178,222	19.3%
90 Optic, Photo; Medical Instruments	\$111,753,177	\$103,886,096	\$117,847,026	13.4%
48 Paper, Paperboard, Articles of Paper Pulp	\$95,919,493	\$103,427,837	\$97,767,215	-5.5%
34 Soap, Waxes, etc; Dental Preparations	\$69,541,322	\$66,548,511	\$92,646,721	39.2%
Multi Remaining commodities	\$801,216,516	\$813,948,030	\$790,398,945	-2.9%



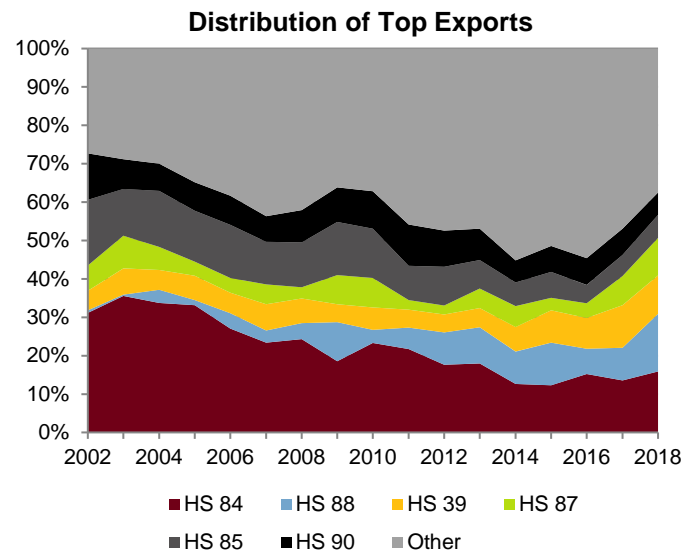
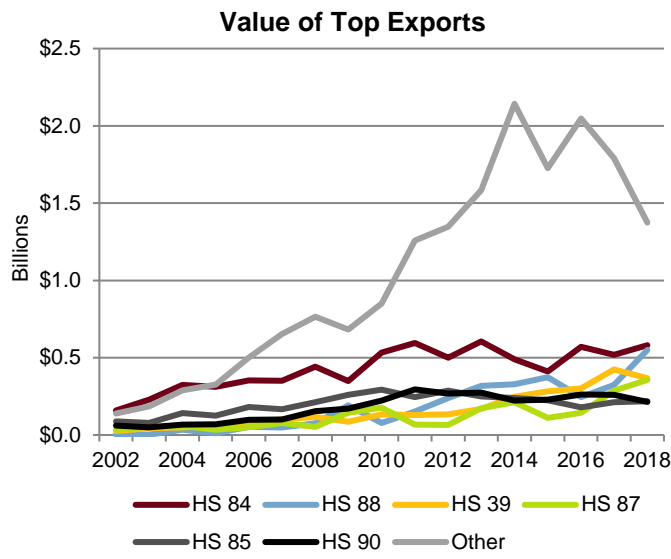
Exports to China



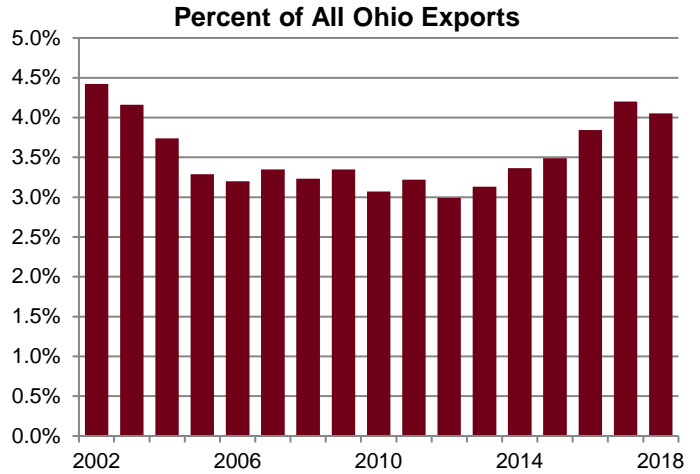
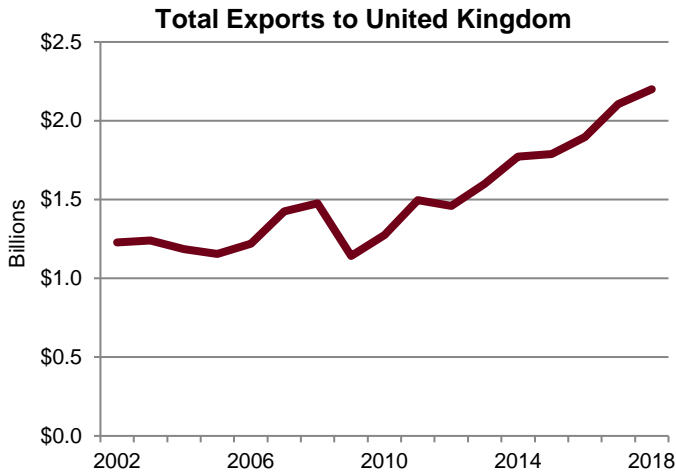
Harmonized
Tariff Schedule

	2016	2017	2018	% Chng. 17 to 18
TOTAL	\$3,752,387,302	\$3,814,835,152	\$3,664,182,086	-3.9%
84 Industrial Machinery, Including Computers	\$570,857,142	\$517,918,747	\$580,544,213	12.1%
88 Aircraft; Spacecraft and Parts	\$245,780,266	\$323,374,076	\$550,221,568	70.2%
39 Plastics and Articles Thereof	\$302,090,563	\$424,298,093	\$368,518,863	-13.1%
87 Vehicles and Parts	\$144,861,677	\$286,940,156	\$356,378,890	24.2%
85 Electric Machinery; Sound Equip.; TV Equip.	\$178,676,505	\$212,939,138	\$219,427,395	3.0%
90 Optic, Photo; Medical Instruments	\$262,729,317	\$259,286,558	\$215,315,071	-17.0%
12 Oil Seed, Miscellaneous Grain	\$1,149,345,529	\$615,181,823	\$157,677,213	-74.4%
38 Miscellaneous Chemical Products	\$91,440,703	\$127,904,875	\$152,880,990	19.5%
44 Wood and Articles of Wood; Wood Charcoal	\$105,912,308	\$134,584,402	\$118,404,868	-12.0%
29 Organic Chemicals	\$47,542,020	\$88,994,412	\$97,895,472	10.0%
28 Inorganic Chemicals; Rare-Earths	\$42,135,942	\$50,532,233	\$62,776,869	24.2%
73 Iron and Steel Products	\$60,390,311	\$64,495,508	\$62,507,487	-3.1%
76 Aluminum and Articles Thereof	\$32,477,621	\$67,797,979	\$47,993,391	-29.2%
40 Rubber and Articles Thereof	\$39,141,558	\$47,962,757	\$42,995,598	-10.4%
82 Tools, Implements, Cutlery of Base Metals	\$31,469,210	\$34,320,061	\$37,908,146	10.5%
Multi Remaining commodities	\$447,536,630	\$558,304,334	\$592,736,052	6.2%

Nesoi - Not elsewhere specified or indicated

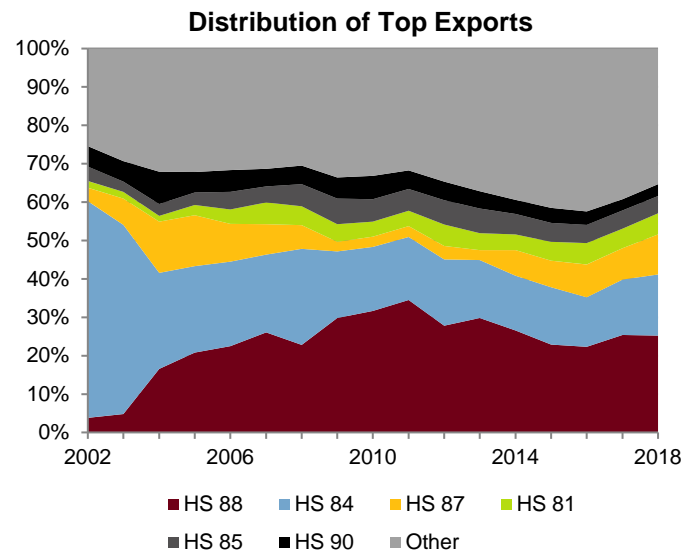
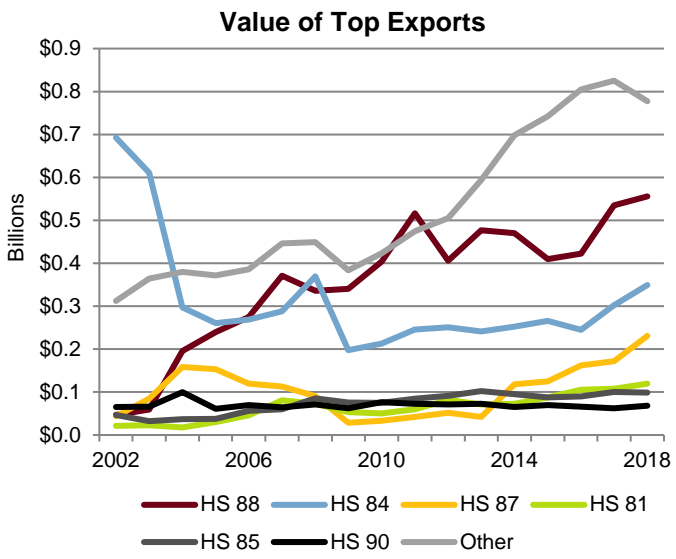


Exports to United Kingdom

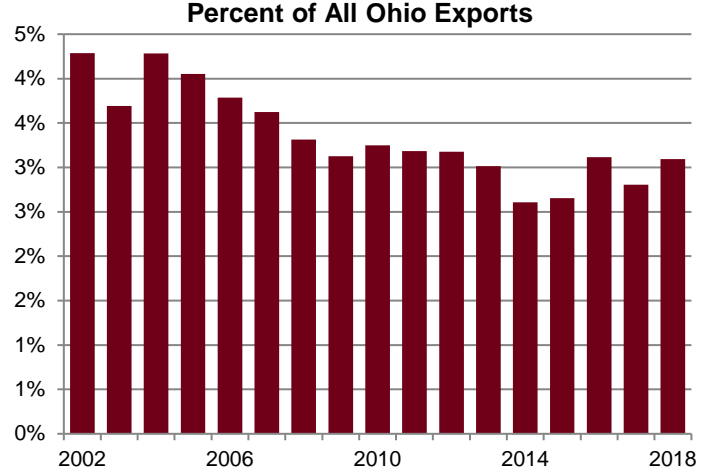
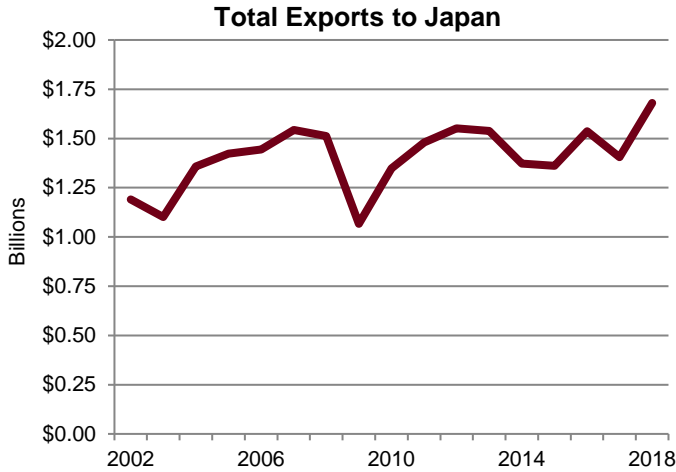


Harmonized
Tariff Schedule

	2016	2017	2018	% Chng. 17 to 18
TOTAL	\$1,895,912,066	\$2,104,703,651	\$2,199,892,725	4.5%
88 Aircraft; Spacecraft and Parts	\$422,482,071	\$534,932,092	\$555,713,641	3.9%
84 Industrial Machinery, Including Computers	\$244,766,628	\$302,494,754	\$349,069,114	15.4%
87 Vehicles and Parts	\$162,391,936	\$171,927,753	\$230,776,571	34.2%
81 Base Metals Nesoi; Cermets; Articles Thereof	\$105,432,604	\$108,084,474	\$119,596,479	10.7%
85 Electric Machinery; Sound Equip.; TV Equip.	\$89,918,013	\$99,995,125	\$98,955,034	-1.0%
90 Optic, Photo; Medical Instruments	\$66,211,709	\$62,073,149	\$68,310,850	10.0%
39 Plastics and Articles Thereof	\$66,516,615	\$71,132,334	\$67,738,676	-4.8%
62 Apparel Articles, etc, Not Knit or Crochet	\$20,563,044	\$25,385,760	\$41,189,013	62.3%
33 Perfumery, Cosmetic, etc	\$106,026,941	\$107,345,807	\$39,901,454	-62.8%
73 Iron and Steel Products	\$39,250,723	\$35,543,186	\$39,235,164	10.4%
30 Pharmaceutical Products	\$18,325,848	\$18,234,330	\$35,939,050	97.1%
27 Mineral Fuel, Oil, etc	\$2,666,033	\$1,400,580	\$24,510,827	1650.0%
82 Tools, Implements, Cutlery of Base Metals	\$22,510,270	\$25,461,934	\$24,180,406	-5.0%
83 Miscellaneous Articles of Base Metal	\$9,456,158	\$20,892,286	\$24,004,490	14.9%
76 Aluminum and Articles Thereof	\$22,968,213	\$22,985,696	\$23,416,927	1.9%
Multi Remaining commodities	\$496,425,260	\$496,814,391	\$457,355,029	-7.9%

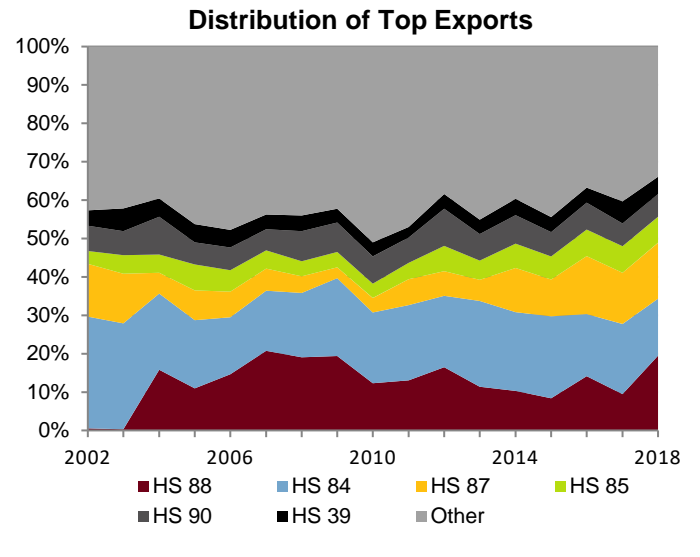
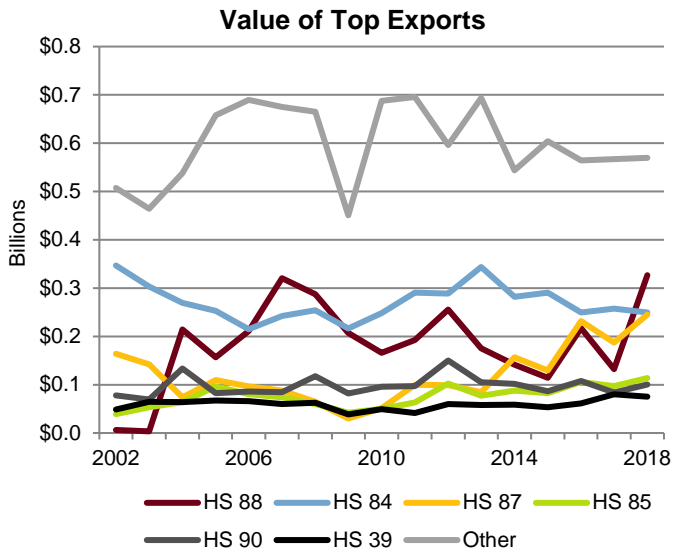


Exports to Japan

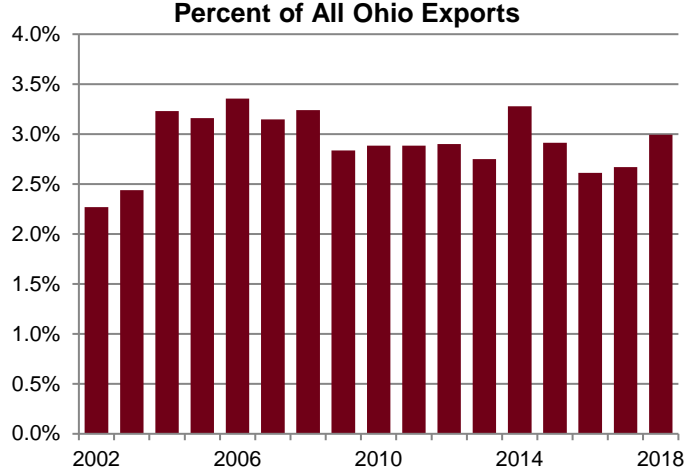


Harmonized
Tariff Schedule

	2016	2017	2018	% Chng. 17 to 18
TOTAL	\$1,536,995,299	\$1,405,534,785	\$1,680,163,298	19.5%
88 Aircraft; Spacecraft and Parts	\$217,186,431	\$132,493,405	\$326,725,608	146.6%
84 Industrial Machinery, Including Computers	\$249,273,500	\$257,435,852	\$249,234,728	-3.2%
87 Vehicles and Parts	\$231,796,340	\$187,400,272	\$245,105,752	30.8%
85 Electric Machinery; Sound Equip.; TV Equip.	\$105,885,330	\$96,930,195	\$113,769,938	17.4%
90 Optic, Photo; Medical Instruments	\$107,377,843	\$83,944,052	\$100,348,773	19.5%
39 Plastics and Articles Thereof	\$61,004,475	\$80,147,109	\$75,252,529	-6.1%
73 Iron and Steel Products	\$59,094,169	\$65,842,405	\$74,476,039	13.1%
12 Oil Seed, Miscellaneous Grain	\$97,583,385	\$65,730,974	\$47,894,856	-27.1%
38 Miscellaneous Chemical Products	\$55,101,685	\$48,673,690	\$46,030,725	-5.4%
76 Aluminum and Articles Thereof	\$29,390,209	\$42,848,393	\$43,833,199	2.3%
70 Glass and Glassware	\$26,050,659	\$24,817,657	\$35,805,927	44.3%
30 Pharmaceutical Products	\$25,422,948	\$21,737,728	\$28,250,032	30.0%
33 Perfumery, Cosmetic, etc	\$17,458,901	\$25,337,292	\$28,164,346	11.2%
29 Organic Chemicals	\$37,033,120	\$30,019,959	\$24,198,454	-19.4%
81 Base Metals Nesoi; Cermets; Articles Thereof	\$23,587,017	\$22,485,936	\$21,966,165	-2.3%
Multi Remaining commodities	\$193,749,287	\$219,689,866	\$219,106,227	-0.3%

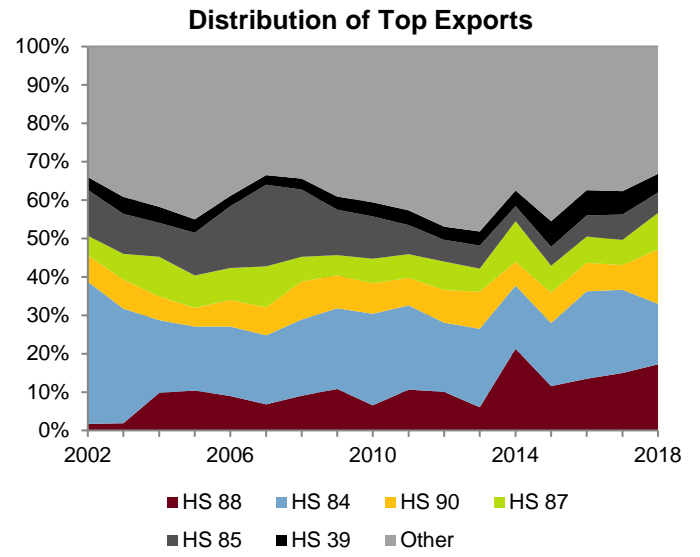
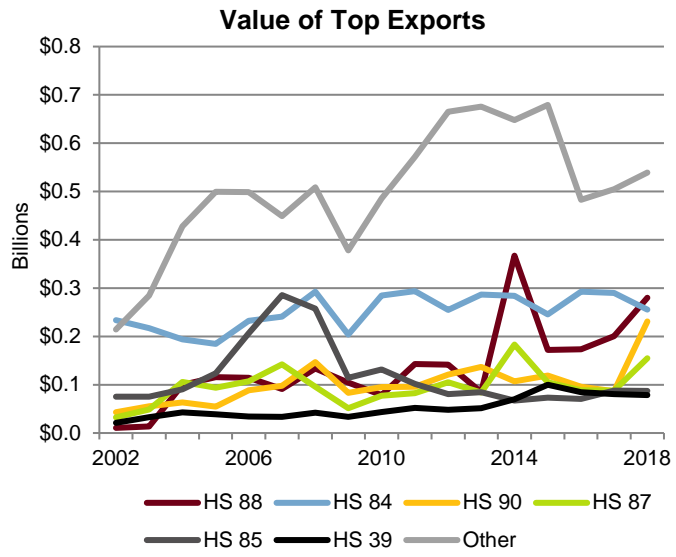


Exports to Germany



Harmonized
Tariff Schedule

	2016	2017	2018	% Chng. 17 to 18
TOTAL	\$1,288,338,259	\$1,338,237,413	\$1,625,914,399	21.5%
88 Aircraft; Spacecraft and Parts	\$173,559,291	\$200,406,394	\$280,091,898	39.8%
84 Industrial Machinery, Including Computers	\$292,886,201	\$289,792,414	\$255,656,648	-11.8%
90 Optic, Photo; Medical Instruments	\$95,985,294	\$86,723,692	\$230,957,102	166.3%
87 Vehicles and Parts	\$88,264,461	\$88,121,798	\$154,825,799	75.7%
85 Electric Machinery; Sound Equip.; TV Equip.	\$70,493,292	\$87,943,450	\$86,871,113	-1.2%
39 Plastics and Articles Thereof	\$84,659,649	\$80,758,833	\$78,437,825	-2.9%
29 Organic Chemicals	\$67,078,038	\$57,292,549	\$58,339,759	1.8%
82 Tools, Implements, Cutlery of Base Metals	\$51,970,169	\$59,927,731	\$54,511,072	-9.0%
33 Perfumery, Cosmetic, etc	\$43,454,615	\$45,924,160	\$36,825,153	-19.8%
74 Copper and Articles Thereof	\$20,417,585	\$15,638,547	\$33,251,739	112.6%
27 Mineral Fuel, Oil, etc	\$5,451,635	\$18,156,028	\$28,772,567	58.5%
73 Iron and Steel Products	\$25,712,239	\$30,226,878	\$27,427,396	-9.3%
38 Miscellaneous Chemical Products	\$9,189,581	\$14,008,690	\$21,044,982	50.2%
40 Rubber and Articles Thereof	\$15,242,065	\$18,771,081	\$17,759,540	-5.4%
30 Pharmaceutical Products	\$28,245,123	\$22,325,195	\$17,552,954	-21.4%
Multi Remaining commodities	\$215,729,021	\$222,219,973	\$243,588,852	9.6%



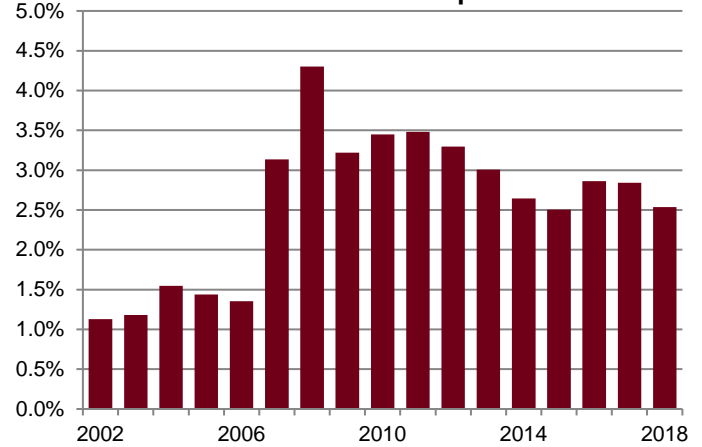
Exports to Brazil



Total Exports to Brazil



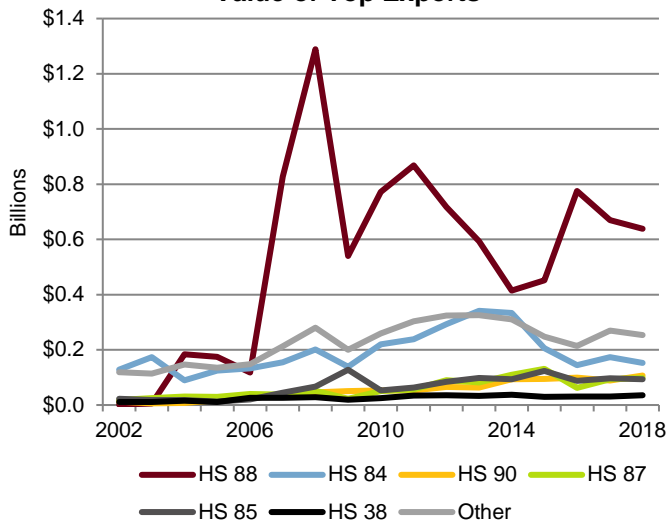
Percent of All Ohio Exports



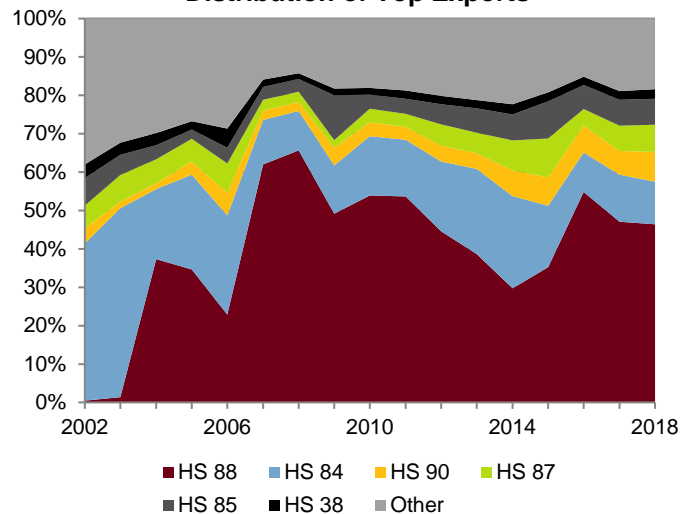
Harmonized
Tariff Schedule

	2016	2017	2018	% Chng. 17 to 18
TOTAL	\$1,412,253,977	\$1,422,892,155	\$1,376,429,385	-3.3%
88 Aircraft; Spacecraft and Parts	\$774,924,748	\$669,883,028	\$638,989,419	-4.6%
84 Industrial Machinery, Including Computers	\$143,912,754	\$173,858,861	\$151,971,069	-12.6%
90 Optic, Photo; Medical Instruments	\$99,202,965	\$88,555,015	\$106,768,939	20.6%
87 Vehicles and Parts	\$61,791,967	\$93,453,899	\$97,782,904	4.6%
85 Electric Machinery; Sound Equip.; TV Equip.	\$87,353,445	\$96,735,263	\$93,086,906	-3.8%
38 Miscellaneous Chemical Products	\$30,631,069	\$31,292,638	\$34,921,462	11.6%
39 Plastics and Articles Thereof	\$34,817,015	\$30,215,501	\$31,693,070	4.9%
73 Iron and Steel Products	\$15,216,058	\$21,168,296	\$20,884,958	-1.3%
40 Rubber and Articles Thereof	\$20,313,207	\$20,099,924	\$17,588,267	-12.5%
29 Organic Chemicals	\$14,233,524	\$13,674,192	\$17,476,163	27.8%
34 Soap, Waxes, etc; Dental Preparations	\$12,867,600	\$13,052,490	\$16,036,271	22.9%
76 Aluminum and Articles Thereof	\$6,112,097	\$11,386,584	\$14,365,472	26.2%
32 Tanning, Dye, Paint, Putty	\$8,717,091	\$14,009,575	\$12,717,679	-9.2%
72 Iron and Steel	\$15,287,003	\$22,337,522	\$11,987,179	-46.3%
82 Tools, Implements, Cutlery of Base Metals	\$5,534,790	\$6,864,508	\$8,228,884	19.9%
Multi Remaining commodities	\$81,338,644	\$116,304,859	\$101,930,743	-12.4%

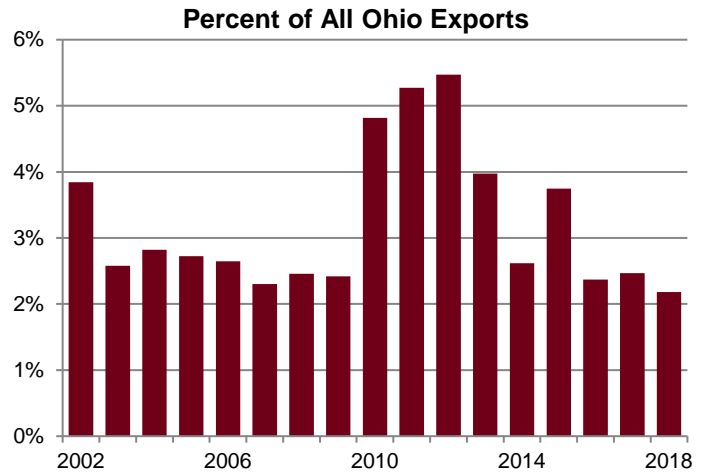
Value of Top Exports



Distribution of Top Exports

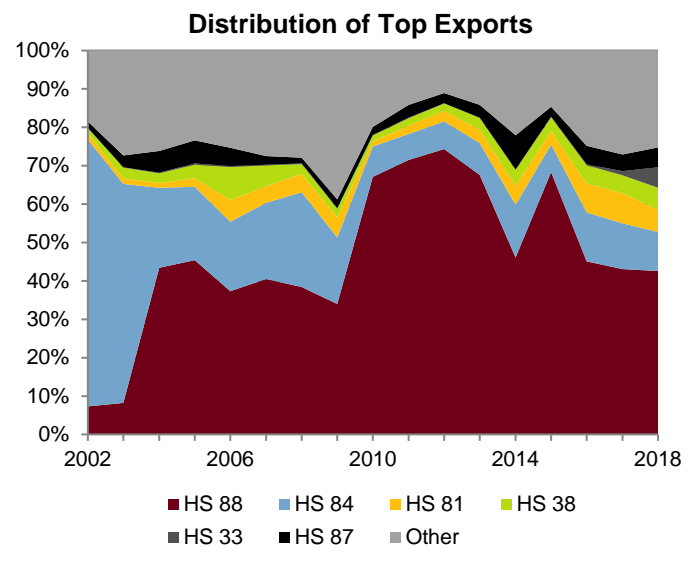
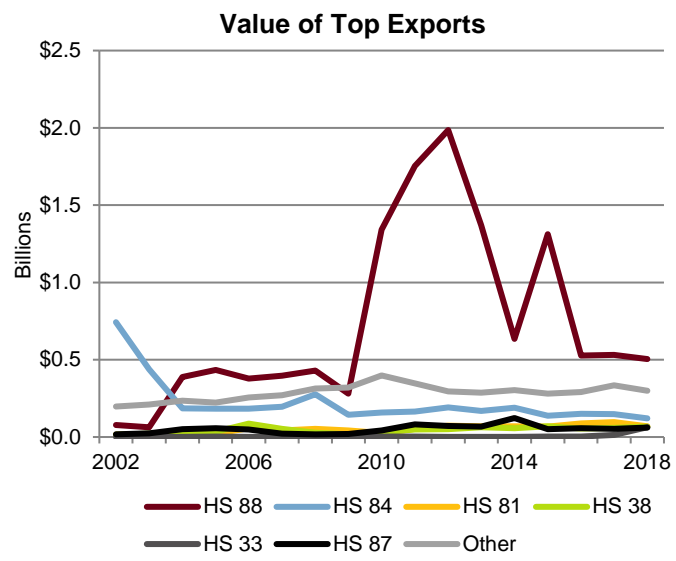


Exports to France

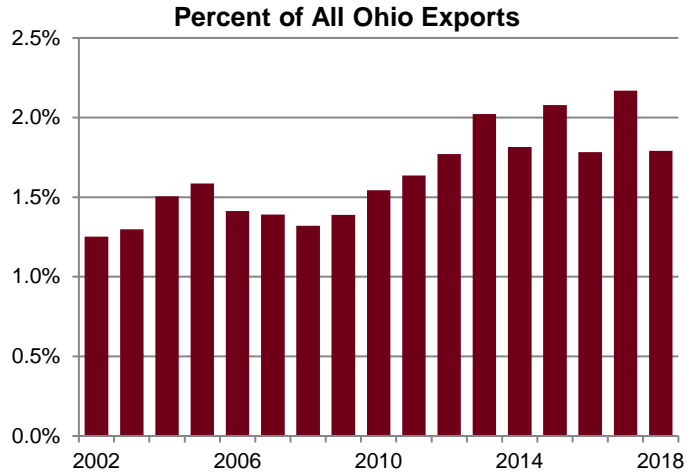
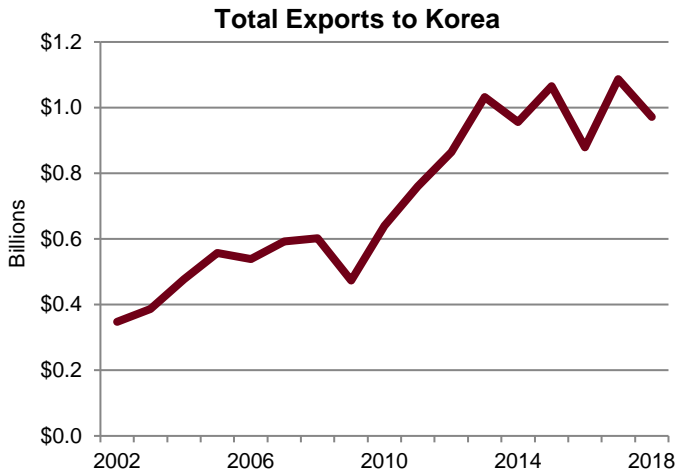


Harmonized
Tariff Schedule

	2016	2017	2018	% Chng. 17 to 18
TOTAL	\$1,170,203,630	\$1,235,546,302	\$1,184,452,635	-4.1%
88 Aircraft; Spacecraft and Parts	\$527,061,947	\$532,224,730	\$503,889,919	-5.3%
84 Industrial Machinery, Including Computers	\$149,619,668	\$147,397,777	\$120,646,973	-18.1%
81 Base Metals Nesoi; Cermets; Articles Thereof	\$89,023,731	\$96,480,034	\$68,462,890	-29.0%
38 Miscellaneous Chemical Products	\$54,822,621	\$58,486,804	\$67,725,792	15.8%
33 Perfumery, Cosmetic, etc	\$2,661,757	\$12,954,010	\$63,353,238	389.1%
87 Vehicles and Parts	\$56,332,247	\$53,616,894	\$61,132,289	14.0%
90 Optic, Photo; Medical Instruments	\$41,828,969	\$47,271,932	\$43,919,532	-7.1%
85 Electric Machinery; Sound Equip.; TV Equip.	\$36,466,717	\$77,282,834	\$39,376,778	-49.0%
39 Plastics and Articles Thereof	\$36,069,691	\$34,150,791	\$32,011,699	-6.3%
76 Aluminum and Articles Thereof	\$38,887,671	\$32,390,033	\$26,557,403	-18.0%
29 Organic Chemicals	\$20,606,880	\$21,793,588	\$19,975,793	-8.3%
70 Glass and Glassware	\$10,515,160	\$11,433,608	\$16,843,695	47.3%
73 Iron and Steel Products	\$13,376,769	\$8,790,238	\$12,168,845	38.4%
74 Copper and Articles Thereof	\$5,725,317	\$5,512,138	\$7,263,186	31.8%
72 Iron and Steel	\$5,210,874	\$4,634,143	\$6,925,123	49.4%
Multi Remaining commodities	\$81,993,611	\$91,126,748	\$94,199,480	3.4%

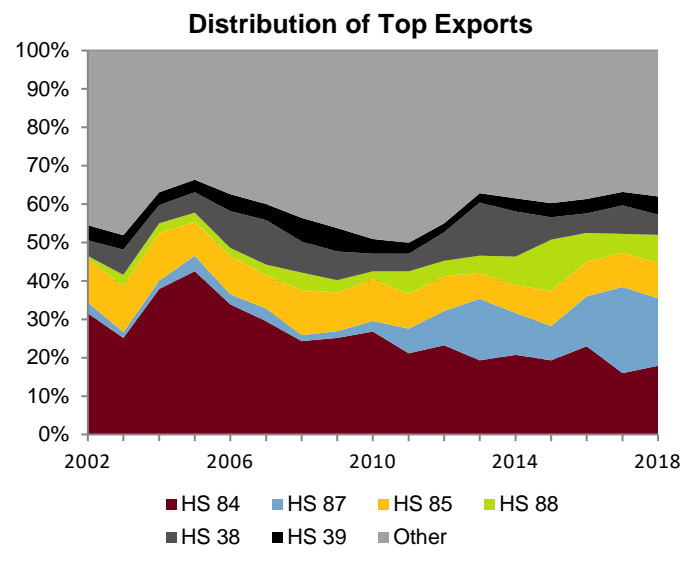
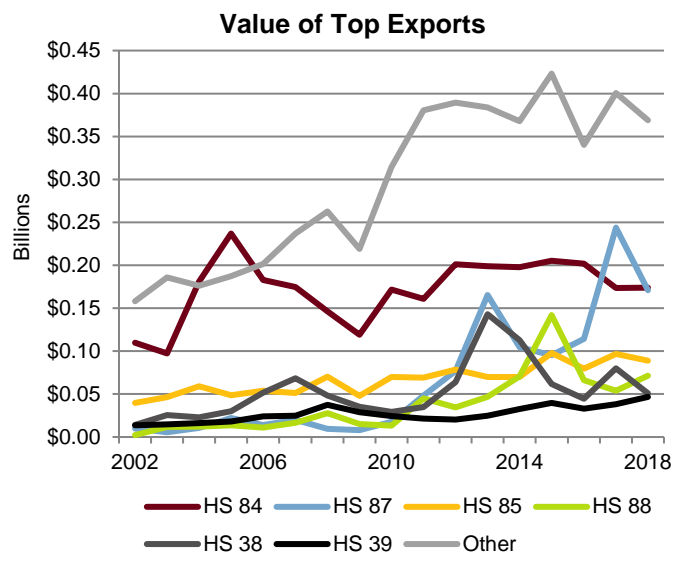


Exports to Korea

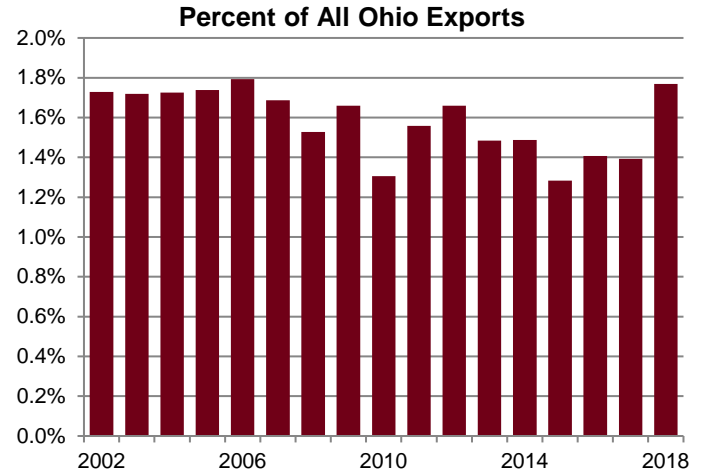


Harmonized
Tariff Schedule

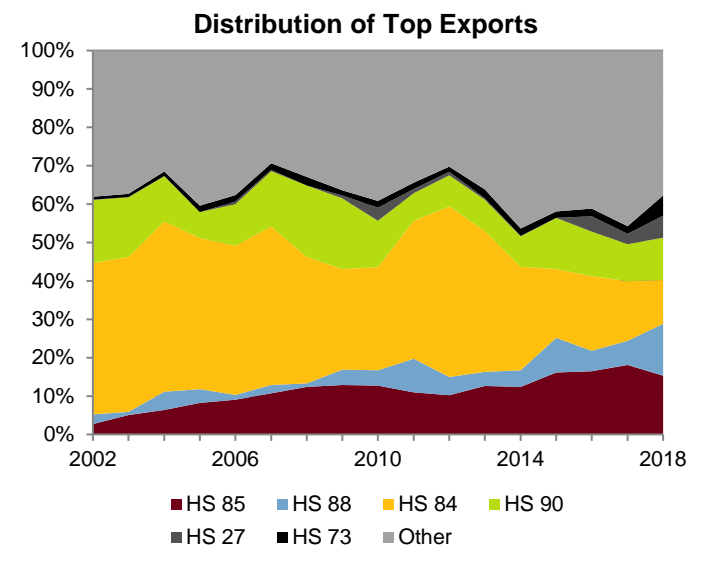
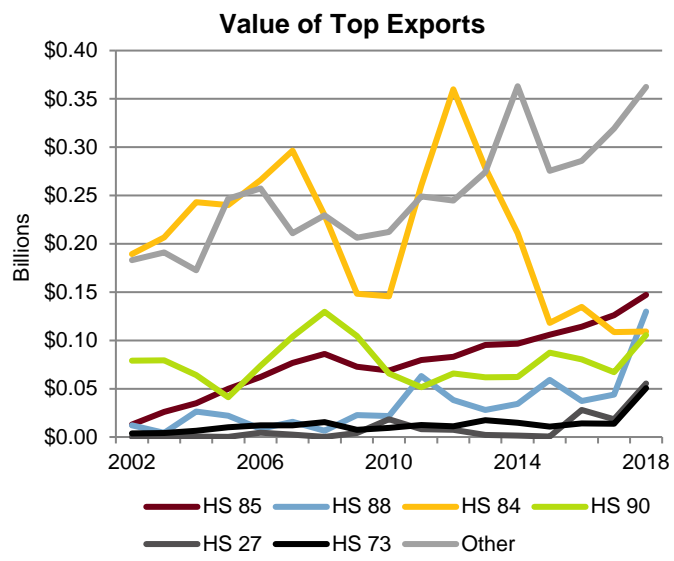
	2016	2017	2018	% Chng. 17 to 18
TOTAL	\$879,311,192	\$1,086,744,324	\$971,868,729	-10.6%
84 Industrial Machinery, Including Computers	\$201,717,958	\$173,396,772	\$173,876,239	0.3%
87 Vehicles and Parts	\$114,400,097	\$243,843,061	\$171,064,151	-29.8%
85 Electric Machinery; Sound Equip.; TV Equip.	\$79,419,700	\$96,788,489	\$88,909,971	-8.1%
88 Aircraft; Spacecraft and Parts	\$66,036,917	\$54,031,743	\$71,549,681	32.4%
38 Miscellaneous Chemical Products	\$44,420,147	\$80,025,081	\$50,720,290	-36.6%
39 Plastics and Articles Thereof	\$33,101,715	\$38,141,917	\$46,679,956	22.4%
90 Optic, Photo; Medical Instruments	\$55,394,857	\$63,301,960	\$43,766,358	-30.9%
33 Perfumery, Cosmetic, etc	\$19,319,879	\$21,690,769	\$29,836,429	37.6%
70 Glass and Glassware	\$20,597,618	\$24,559,927	\$20,443,188	-16.8%
34 Soap, Waxes, etc; Dental Preparations	\$17,843,102	\$20,409,841	\$19,970,823	-2.2%
73 Iron and Steel Products	\$25,345,914	\$18,088,819	\$16,840,688	-6.9%
29 Organic Chemicals	\$10,347,932	\$14,557,761	\$15,611,693	7.2%
30 Pharmaceutical Products	\$15,599,850	\$14,541,799	\$15,277,591	5.1%
16 Edible Preps of Meat, Fish, Crustaceans Etc	\$15,057,167	\$15,015,272	\$14,932,954	-0.5%
32 Tanning, Dye, Paint, Putty	\$12,298,497	\$16,529,012	\$14,705,761	-11.0%
Multi Remaining commodities	\$148,409,842	\$191,822,101	\$177,682,956	-7.4%



Exports to The Netherlands



Harmonized Tariff Schedule		2016	2017	2018	% Chng. 17 to 18
TOTAL		\$694,291,662	\$697,544,313	\$960,252,476	37.7%
85	Electric Machinery; Sound Equip.; TV Equip.	\$114,266,241	\$126,197,967	\$147,121,902	16.6%
88	Aircraft; Spacecraft and Parts	\$37,371,322	\$43,788,727	\$129,840,702	196.5%
84	Industrial Machinery, Including Computers	\$134,677,435	\$108,597,251	\$109,334,954	0.7%
90	Optic, Photo; Medical Instruments	\$80,344,031	\$67,256,858	\$105,571,381	57.0%
27	Mineral Fuel, Oil, etc	\$27,880,559	\$18,490,382	\$55,401,369	199.6%
73	Iron and Steel Products	\$14,055,033	\$13,848,898	\$50,578,827	265.2%
39	Plastics and Articles Thereof	\$27,768,719	\$30,503,846	\$35,569,781	16.6%
38	Miscellaneous Chemical Products	\$21,093,744	\$28,535,343	\$33,462,214	17.3%
29	Organic Chemicals	\$20,098,309	\$32,138,923	\$33,168,358	3.2%
34	Soap, Waxes, etc; Dental Preparations	\$4,993,186	\$26,657,045	\$30,096,645	12.9%
71	Precious Stones/Metals; Jewelry	\$32,245,652	\$35,369,748	\$29,473,628	-16.7%
32	Tanning, Dye, Paint, Putty	\$13,486,675	\$14,789,944	\$18,713,599	26.5%
28	Inorganic Chemicals; Rare-Earths	\$17,886,060	\$17,047,219	\$15,959,380	-6.4%
33	Perfumery, Cosmetic, etc	\$8,155,961	\$13,931,894	\$14,489,761	4.0%
30	Pharmaceutical Products	\$4,210,724	\$5,362,326	\$14,474,172	169.9%
Multi	Remaining commodities	\$135,758,011	\$115,027,942	\$136,995,803	19.1%



Metropolitan Area Exports: 2016



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

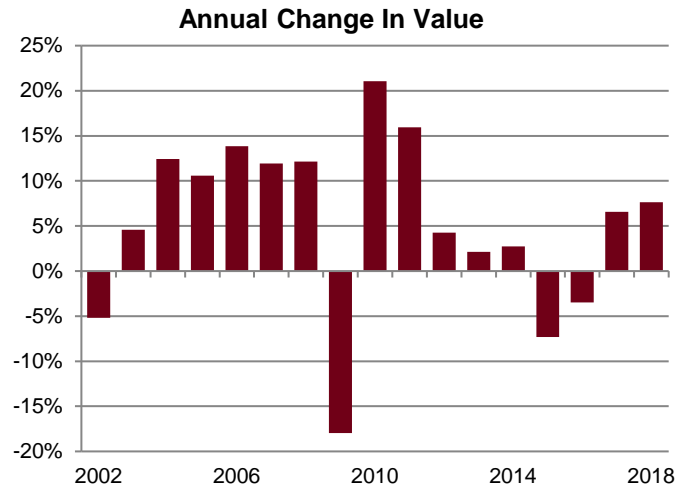


The Cincinnati-Middletown Metropolitan Area had exports of \$26.3 billion in 2016 which led the 14 metropolitan areas in Ohio. This figure represented a 9.1 percent increase over the previous year. Nearly 60 percent, \$15.6 billion, of the exports were in the transportation equipment sector with chemicals a distant second at \$3.0 billion. Canada was the leading destination with \$4.3 billion of the exports with Mexico second at \$4.0 billion.

The Cleveland-Elyria-Mentor Metropolitan Area was second in exports at \$8.8 billion, a decrease of 9.1 percent since 2015. Chemicals accounted for 18 percent of exports followed closely by machinery at 14 percent. With \$3.0 billion in exports, Canada was the leading destination while Mexico was next at \$1.7 billion.

Third in exports was the Columbus Metropolitan Area at \$5.7 billion, a decrease of 8.5 percent. Seventeen percent of the exports, \$976 million, were in the chemicals sector. Transportation accounted for \$830 million. Canada was the main recipient at \$2.0 billion followed by Mexico at \$915 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.

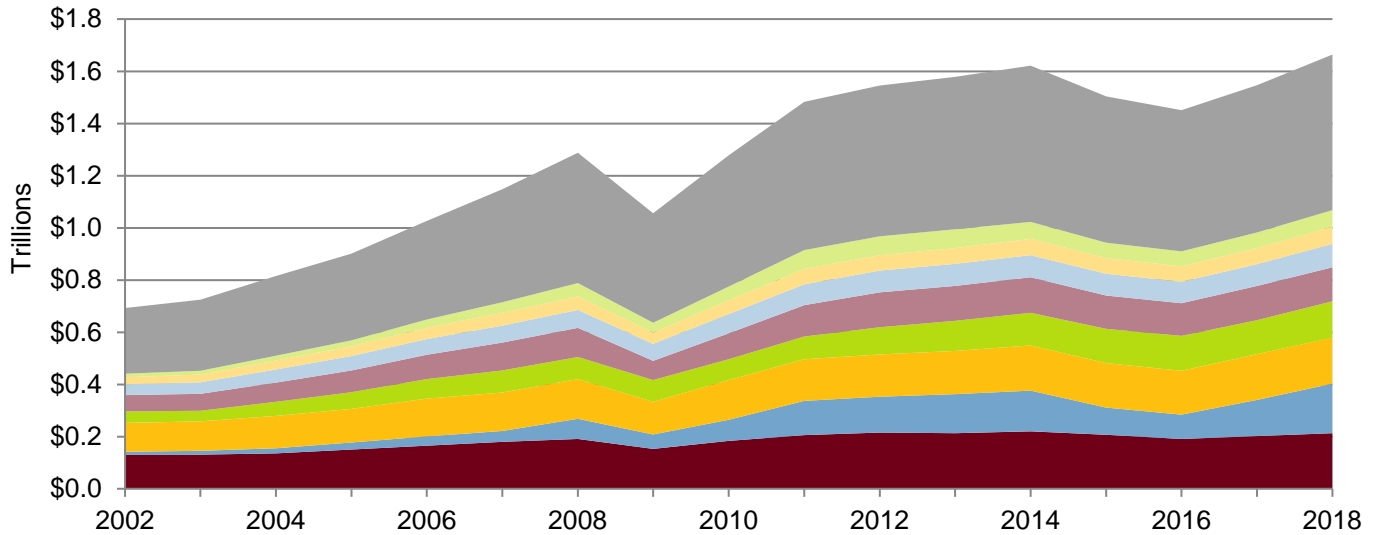


US Top 25 Exported Commodities: 2018

Harmonized
Schedule Code

	2016	2017	2018	% Chng. 17 to 18
Total All Commodities	\$1,451,023,529,686	\$1,546,272,961,061	\$1,664,055,580,908	7.6%
84 Industrial Machinery, Including Compi	\$190,729,618,046	\$202,035,662,651	\$213,115,437,067	5.5%
27 Mineral Fuel, Oil, etc	\$93,792,948,050	\$139,025,423,812	\$189,946,577,811	36.6%
85 Electric Machinery; Sound/TV Equip.	\$167,127,172,860	\$174,424,000,525	\$176,065,359,798	0.9%
88 Aircraft; Spacecraft and Parts	\$134,738,835,356	\$131,143,849,163	\$139,098,077,245	6.1%
87 Vehicles and Parts	\$124,565,895,657	\$130,179,115,971	\$130,589,322,456	0.3%
90 Optic, Photo; Medical Instruments	\$82,015,375,908	\$83,637,978,332	\$89,595,918,635	7.1%
39 Plastics and Articles Thereof	\$58,626,886,998	\$61,892,626,784	\$66,517,047,463	7.5%
71 Precious Stones/Metals; Jewelry	\$57,780,786,388	\$60,253,337,777	\$63,794,671,309	5.9%
30 Pharmaceutical Products	\$46,830,921,495	\$44,935,704,396	\$48,391,338,801	7.7%
29 Organic Chemicals	\$33,953,422,143	\$36,318,003,565	\$40,198,446,948	10.7%
38 Miscellaneous Chemical Products	\$25,316,196,080	\$27,664,602,897	\$30,398,489,333	9.9%
12 Oil Seed, Miscellaneous Grain	\$27,720,878,482	\$26,381,826,329	\$22,477,182,054	-14.8%
10 Cereals	\$18,939,843,118	\$18,605,959,202	\$21,042,360,380	13.1%
73 Iron and Steel Products	\$17,498,569,498	\$18,434,964,015	\$19,251,385,048	4.4%
2 Meat	\$14,657,612,328	\$16,398,414,893	\$17,232,001,047	5.1%
72 Iron and Steel	\$12,871,166,934	\$16,106,516,603	\$16,435,927,514	2.0%
48 Paper, Paperboard, Articles of Paper	\$14,866,870,598	\$15,768,043,623	\$16,381,162,031	3.9%
8 Edible Fruit and Nuts	\$14,054,311,463	\$14,876,140,714	\$14,693,869,705	-1.2%
97 Works of Art, Antiques, etc.	\$11,216,593,892	\$11,699,043,298	\$14,602,334,431	24.8%
40 Rubber and Articles Thereof	\$12,583,925,621	\$13,432,628,596	\$13,968,868,372	4.0%
33 Perfumery, Cosmetic, etc	\$12,048,202,095	\$12,954,557,445	\$13,607,647,493	5.0%
76 Aluminum and Articles Thereof	\$12,236,724,322	\$11,587,772,985	\$12,558,751,238	8.4%
28 Inorganic Chemicals; Rare-Earths	\$11,314,584,254	\$12,393,090,398	\$12,483,489,250	0.7%
23 Food Ind. Residues; Animal Feed	\$9,892,843,827	\$9,573,545,465	\$11,264,439,238	17.7%
94 Furniture and Bedding	\$11,016,415,707	\$10,812,187,697	\$10,795,616,293	-0.2%
Multi Remaining commodities	\$234,626,928,566	\$245,737,963,925	\$259,549,859,948	5.6%

US Exports
Top 8 Exported Products: 2018



Harmonized Schedule Code		2018 Value	% of All Exports
Total All Commodities		\$1,664,055,580,908	
84	Ind. Machinery, Incl. Computers	\$213,115,437,067	12.8%
27	Mineral Fuel, Oil, etc	\$189,946,577,811	11.4%
85	Elec. Machinery; Sound/TV Equip.	\$176,065,359,798	10.6%
88	Aircraft; Spacecraft and Parts	\$139,098,077,245	8.4%
87	Vehicles and Parts	\$130,589,322,456	7.8%
90	Optic, Photo; Medical Instruments	\$89,595,918,635	5.4%
39	Plastics and Articles Thereof	\$66,517,047,463	4.0%
71	Precious Stones/Metals; Jewelry	\$63,794,671,309	3.8%
Multi	Remaining commodities	\$595,333,169,124	35.8%

Top 10 Trading Partners - 2018

	2018 Value	Pct of Total
Total	\$1,664,055,580,908	
Canada	\$298,719,019,857	18.0%
Mexico	\$265,010,357,329	15.9%
China	\$120,341,425,641	7.2%
Japan	\$74,966,716,044	4.5%
United Kingdom	\$66,228,171,593	4.0%
Germany	\$57,653,807,554	3.5%
Korea	\$56,344,305,789	3.4%
Netherlands	\$49,390,541,239	3.0%
Brazil	\$39,494,176,727	2.4%
Hong Kong	\$37,459,619,921	2.3%
Others	\$598,447,439,214	36.0%

Top 10 Trading Partners - 2016 to 2018

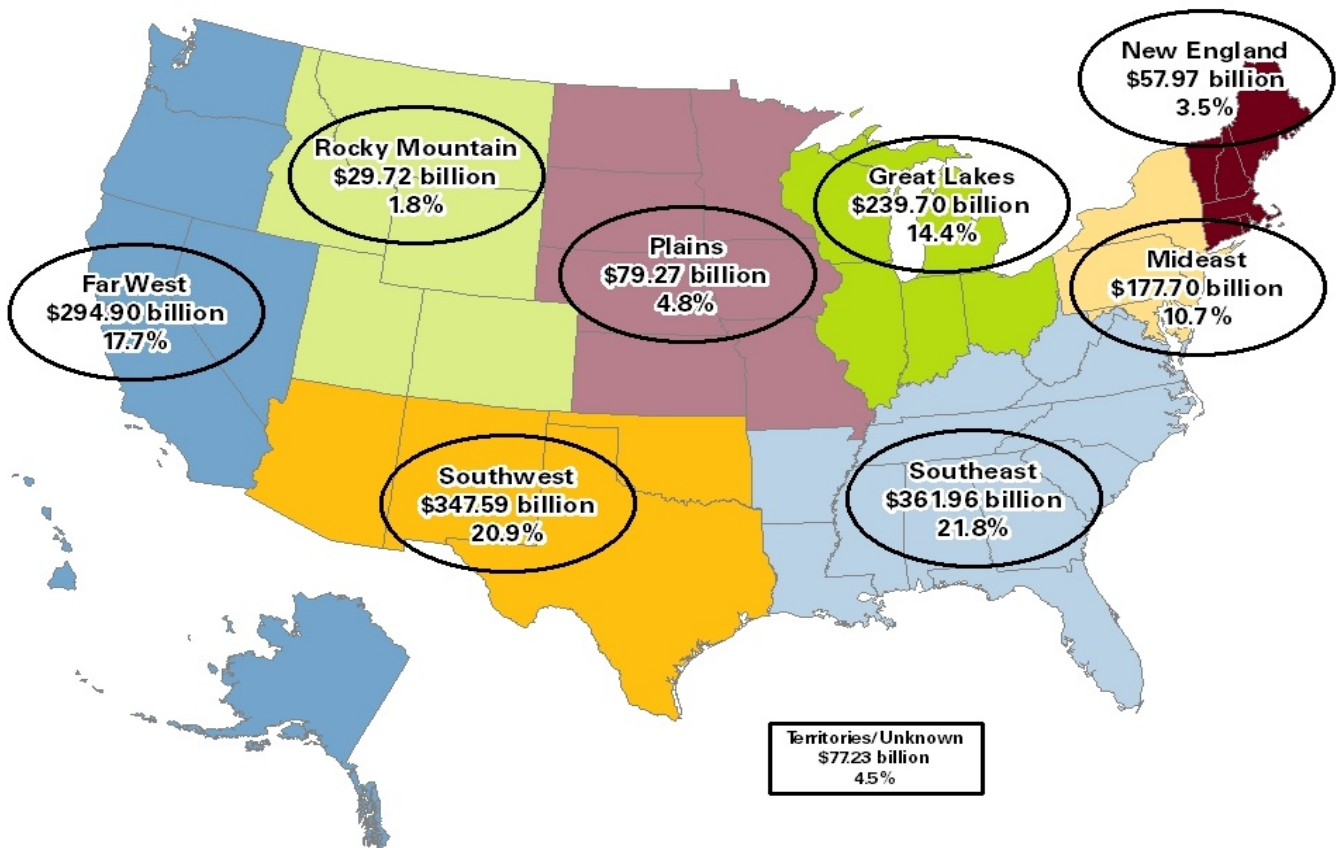
	2016 to 2018 Value	Pct of 3-yr Total
Total	\$4,661,352,071,655	
Canada	\$847,718,620,339	18.2%
Mexico	\$738,375,971,285	15.8%
China	\$365,780,520,017	7.8%
Japan	\$205,797,868,960	4.4%
United Kingdom	\$177,655,416,711	3.8%
Germany	\$160,982,694,800	3.5%
Korea	\$146,983,376,324	3.2%
Netherlands	\$130,506,003,382	2.8%
Hong Kong	\$112,293,948,788	2.4%
Brazil	\$106,782,041,061	2.3%
Others	\$1,668,475,609,988	35.8%

Regional Exports

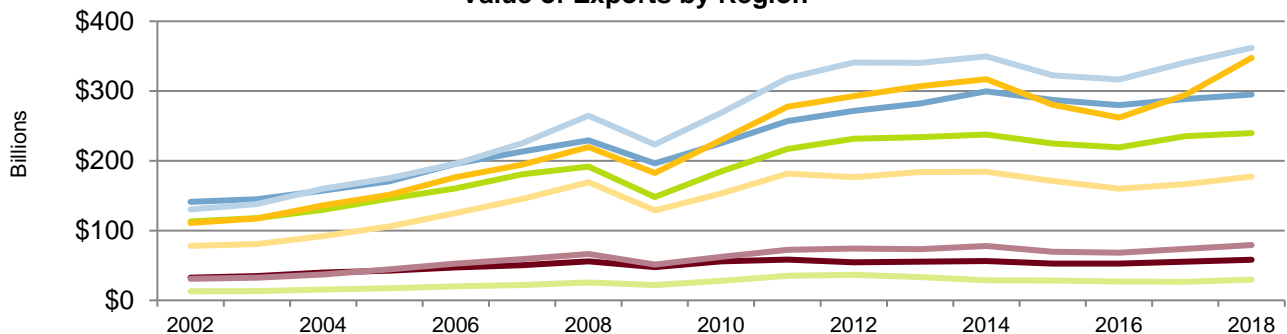


			% Share	% Chng.	Top Export	% Share
	2017	2018	U.S.	17 to 18		Region
U.S.	\$1,546,272,961,061	\$1,664,055,580,908	100.0%	7.6%	Industrial Machinery	12.8%
Far West	\$288,378,719,446	\$294,902,228,593	17.7%	2.3%	Aircraft and Parts	17.6%
Great Lakes	\$235,203,409,519	\$239,696,020,668	14.4%	1.9%	Vehicles and Parts	21.1%
Mideast	\$166,468,897,600	\$177,704,669,189	10.7%	6.7%	Prec. Stones; Jewelry	19.0%
New England	\$55,377,056,633	\$57,970,043,794	3.5%	4.7%	Electric Machinery	16.9%
Plains	\$73,942,182,618	\$79,272,019,888	4.8%	7.2%	Industrial Machinery	13.4%
Rocky Mountain	\$26,313,921,016	\$29,721,694,483	1.8%	13.0%	Prec. Stones; Jewelry	21.6%
Southeast	\$340,702,757,909	\$361,962,128,709	21.8%	6.2%	Aircraft and Parts	12.4%
Southwest	\$294,432,225,373	\$347,593,315,690	20.9%	18.1%	Mineral Fuel, Oil, etc	32.4%
Territories/Unknown	\$65,453,790,947	\$75,233,459,894	4.5%	14.9%	---	---

Value and Share of US Exports by Region: 2018



Value of Exports by Region



Exports by State Value and Top Export



	2017	2018	% Share U.S.	% Chng. 17 to 18	Top Export	% Share State
U.S.	\$1,546,272,961,061	\$1,664,055,580,908	100.0%	7.6%	Industrial Machinery	12.8%
Texas	\$264,541,375,151	\$315,447,759,163	19.0%	19.2%	Mineral Fuel, Oil, etc	35.7%
California	\$172,012,424,917	\$178,404,767,473	10.7%	3.7%	Electric Machinery	18.1%
New York	\$77,914,558,985	\$81,487,255,805	4.9%	4.6%	Prec. Stones; Jewelry	34.6%
Washington	\$76,413,737,305	\$77,700,205,691	4.7%	1.7%	Aircraft and Parts	53.9%
Louisiana	\$57,005,306,097	\$66,236,858,420	4.0%	16.2%	Mineral Fuel, Oil, etc	50.1%
Illinois	\$65,186,967,352	\$65,415,153,838	3.9%	0.4%	Industrial Machinery	20.1%
Michigan	\$59,870,398,343	\$57,940,086,683	3.5%	-3.2%	Vehicles and Parts	40.4%
Florida	\$54,914,286,865	\$57,240,939,285	3.4%	4.2%	Electric Machinery	17.7%
Ohio	\$50,102,778,107	\$54,292,819,066	3.3%	8.4%	Industrial Machinery	18.2%
Pennsylvania	\$38,701,910,724	\$41,049,629,223	2.5%	6.1%	Industrial Machinery	11.2%
Georgia	\$37,223,837,577	\$40,551,363,140	2.4%	8.9%	Aircraft and Parts	19.1%
Indiana	\$37,737,142,595	\$39,338,638,522	2.4%	4.2%	Vehicles and Parts	25.1%
New Jersey	\$34,486,254,219	\$35,662,505,800	2.1%	3.4%	Prec. Stones; Jewelry	11.8%
South Carolina	\$32,199,071,485	\$34,637,030,524	2.1%	7.6%	Vehicles and Parts	30.1%
North Carolina	\$32,622,498,537	\$32,729,772,321	2.0%	0.3%	Industrial Machinery	16.2%
Tennessee	\$33,246,125,960	\$32,703,145,963	2.0%	-1.6%	Industrial Machinery	17.1%
Kentucky	\$30,857,274,879	\$31,757,173,926	1.9%	2.9%	Aircraft and Parts	39.2%
Massachusetts	\$27,565,803,092	\$27,139,832,410	1.6%	-1.5%	Optic, Med. Instruments	23.6%
Wisconsin	\$22,306,123,122	\$22,709,322,559	1.4%	1.8%	Industrial Machinery	25.3%
Minnesota	\$20,691,899,142	\$22,684,570,870	1.4%	9.6%	Optic, Med. Instruments	19.9%
Arizona	\$20,916,891,074	\$22,388,342,080	1.3%	7.0%	Electric Machinery	31.8%
Oregon	\$21,895,180,035	\$22,292,684,148	1.3%	1.8%	Electric Machinery	27.3%
Alabama	\$21,786,302,247	\$21,349,242,744	1.3%	-2.0%	Vehicles and Parts	32.7%
Virginia	\$16,508,625,655	\$18,357,710,270	1.1%	11.2%	Industrial Machinery	12.3%
Connecticut	\$14,783,749,496	\$17,399,913,482	1.0%	17.7%	Aircraft and Parts	41.2%
Missouri	\$14,206,201,895	\$14,499,772,351	0.9%	2.1%	Vehicles and Parts	19.8%
Utah	\$11,583,303,332	\$14,373,259,620	0.9%	24.1%	Prec. Stones; Jewelry	43.9%
Iowa	\$13,398,999,818	\$14,323,740,520	0.9%	6.9%	Industrial Machinery	17.2%
Maryland	\$9,317,488,168	\$12,075,750,681	0.7%	29.6%	Mineral Fuel, Oil, etc	12.2%
Mississippi	\$10,994,562,973	\$11,808,274,981	0.7%	7.4%	Mineral Fuel, Oil, etc	27.0%
Kansas	\$11,243,466,985	\$11,603,585,517	0.7%	3.2%	Aircraft and Parts	20.4%
Nevada	\$12,162,489,116	\$11,084,526,515	0.7%	-8.9%	Prec. Stones; Jewelry	48.9%
Colorado	\$8,054,115,249	\$8,317,251,569	0.5%	3.3%	Optic, Med. Instruments	15.4%
West Virginia	\$7,110,478,863	\$8,124,173,880	0.5%	14.3%	Mineral Fuel, Oil, etc	55.0%
Nebraska	\$7,206,415,361	\$7,944,787,585	0.5%	10.2%	Meat	23.6%
North Dakota	\$5,835,485,591	\$6,778,336,090	0.4%	16.2%	Mineral Fuel, Oil, etc	63.9%
Arkansas	\$6,234,386,771	\$6,466,443,255	0.4%	3.7%	Aircraft and Parts	15.4%
Oklahoma	\$5,364,366,602	\$6,102,425,059	0.4%	13.8%	Industrial Machinery	30.7%
New Hampshire	\$5,147,883,719	\$5,285,593,546	0.3%	2.7%	Industrial Machinery	23.1%
Alaska	\$4,942,469,288	\$4,773,109,763	0.3%	-3.4%	Fish & Crustaceans	48.9%
Delaware	\$4,565,608,426	\$4,703,210,986	0.3%	3.0%	Pharmaceutical Products	21.1%
Idaho	\$3,864,104,256	\$4,021,593,440	0.2%	4.1%	Electric Machinery	28.4%
New Mexico	\$3,609,592,546	\$3,654,789,388	0.2%	1.3%	Electric Machinery	39.5%
Vermont	\$2,775,987,127	\$2,919,609,347	0.2%	5.2%	Electric Machinery	61.4%
Maine	\$2,711,926,781	\$2,825,336,083	0.2%	4.2%	Fish & Crustaceans	19.6%
District Of Columbia	\$1,483,077,078	\$2,726,316,694	0.2%	83.8%	Electric Machinery	21.4%
Rhode Island	\$2,391,706,418	\$2,399,758,926	0.1%	0.3%	Prec. Stones; Jewelry	31.2%
Montana	\$1,616,011,724	\$1,653,538,762	0.1%	2.3%	Mineral Fuel, Oil, etc	18.0%
South Dakota	\$1,359,713,826	\$1,437,226,955	0.1%	5.7%	Industrial Machinery	19.1%
Wyoming	\$1,196,386,455	\$1,356,051,092	0.1%	13.3%	Inorg. Chem.; Rare-Earths	77.4%
Hawaii	\$952,418,785	\$646,935,003	0.0%	-32.1%	Mineral Fuel, Oil, etc	45.0%
Territory/Unknown	\$65,453,790,947	\$75,233,459,894	4.5%	14.9%	---	---

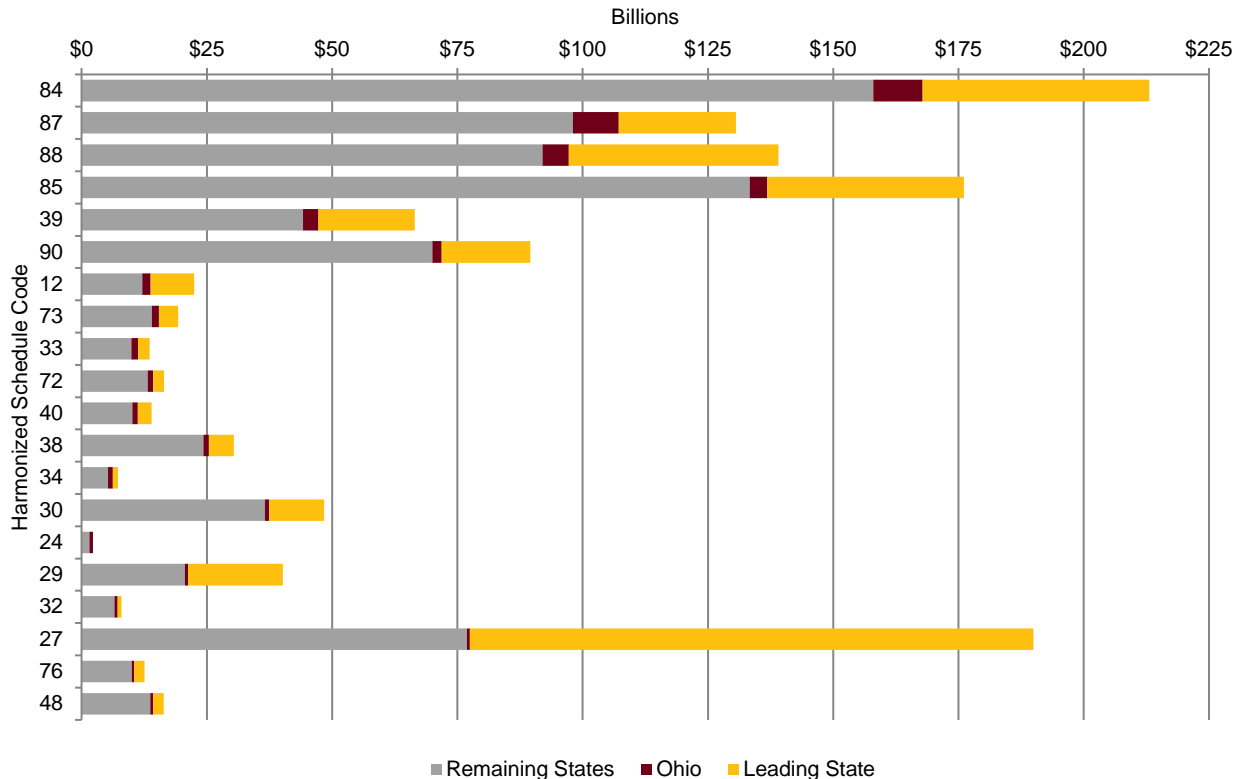
Ohio's Top Twenty Exports

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	4th	4.6%	Texas	21.2%
87	Vehicles and Parts	6th	7.0%	Michigan	17.9%
88	Aircraft; Spacecraft and Parts	9th	3.7%	Washington	30.1%
85	Electric Machinery; Sound Equip.; TV Equip.	11th	2.0%	Texas	22.3%
39	Plastics and Articles Thereof	3rd	4.6%	Texas	28.9%
90	Optic, Photo; Medical Instruments	15th	2.1%	California	19.8%
12	Oil Seed, Miscellaneous Grain	3rd	7.4%	Louisiana	38.7%
73	Iron and Steel Products	4th	7.4%	Texas	19.8%
33	Perfumery, Cosmetic, etc	4th	9.7%	New Jersey	17.0%
72	Iron and Steel	5th	6.7%	California	12.8%
40	Rubber and Articles Thereof	3rd	7.8%	Texas	19.5%
38	Miscellaneous Chemical Products	8th	3.5%	Texas	16.4%
34	Soap, Waxes, etc; Dental Preparations	2nd	13.6%	Texas	13.9%
30	Pharmaceutical Products	15th	1.6%	Puerto Rico	22.7%
24	Tobacco and Manufactured Substitutes	1st	32.0%	Ohio	32.0%
29	Organic Chemicals	12th	1.7%	Texas	47.1%
32	Tanning, Dye, Paint, Putty	2nd	7.5%	Mississippi	10.2%
27	Mineral Fuel, Oil, etc	18th	0.3%	Texas	59.2%
76	Aluminum and Articles Thereof	5th	4.5%	California	16.0%
48	Paper, Paperboard, Articles of Paper Pulp	12th	3.5%	Georgia	12.6%

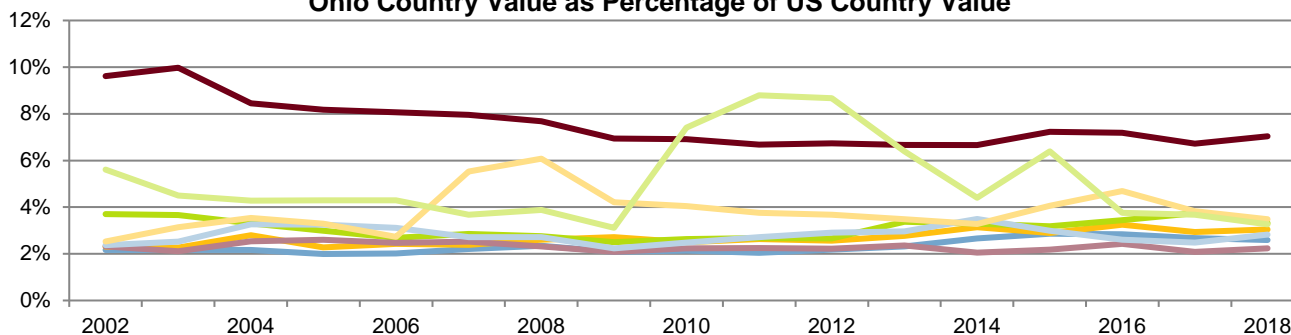
U.S. Distribution of Ohio's Top Twenty Exports



Ohio's Top 8 Destinations: 2018

Destination	Value of Ohio Exports (billions)	% of Ohio Exports	% Chng 17 to 18	US Rank	Value of US Exports (billions)	% of US Exports	% Chng 17 to 18
Total Exports	\$54.29	100.0%	8.4%		\$1,664.06	100.0%	7.6%
Canada	\$21.03	38.7%	10.9%	1st	\$298.72	18.0%	5.8%
Mexico	\$6.86	12.6%	5.7%	2nd	\$265.01	15.9%	8.9%
China	\$3.66	6.7%	-3.9%	3rd	\$120.34	7.2%	-7.4%
United Kingdom	\$2.20	4.1%	4.5%	5th	\$66.23	4.0%	17.7%
Japan	\$1.68	3.1%	19.5%	4th	\$74.97	4.5%	10.9%
Germany	\$1.63	3.0%	21.5%	6th	\$57.65	3.5%	7.0%
Brazil	\$1.38	2.5%	-3.3%	9th	\$39.49	2.4%	6.1%
France	\$1.18	2.2%	-4.1%	11th	\$36.33	2.2%	8.1%
Remainder	\$14.67	27.0%	10.1%		\$705.32	42.4%	9.8%

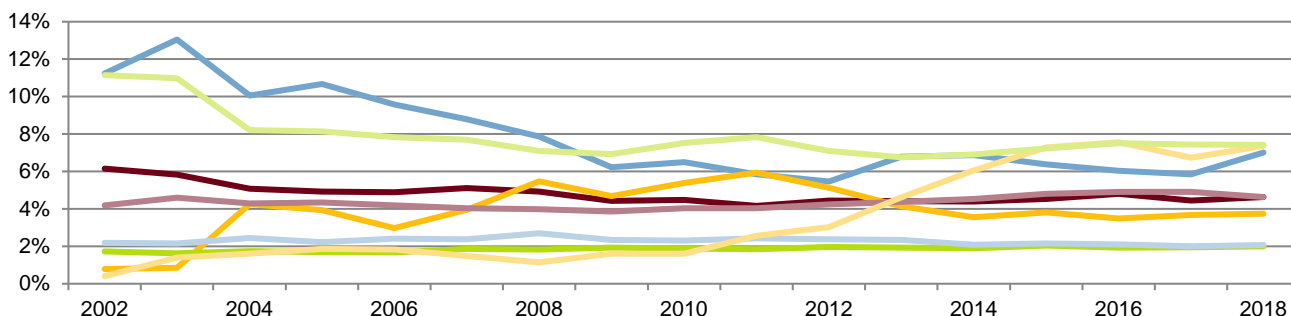
Ohio Country Value as Percentage of US Country Value



Ohio's Top 8 Exported Products: 2018

Harmonized Schedule Code	Commodity	Value of Ohio Exports (billions)	% of Ohio Exports	% Chng 17 to 18	US Rank	Value of US Exports (billions)	% of US Exports	% Chng 17 to 18
	Total Exports	\$54.29	100.0%	8.4%		\$1,664.06	100.0%	7.6%
84	Industrial Machinery	\$9.86	18.2%	9.7%	1st	\$213.12	12.8%	5.5%
87	Vehicles and Parts	\$9.14	16.8%	20.3%	5th	\$130.59	7.8%	0.3%
88	Aircraft and Parts	\$5.20	9.6%	7.6%	4th	\$139.10	8.4%	6.1%
85	Electric Machinery	\$3.52	6.5%	3.9%	3rd	\$176.07	10.6%	0.9%
39	Plastics	\$3.08	5.7%	1.4%	7th	\$66.52	4.0%	7.5%
90	Optic, Med. Instruments	\$1.86	3.4%	10.8%	6th	\$89.60	5.4%	7.1%
12	Oil Seed, Misc. Grain	\$1.66	3.0%	-7.0%	13th	\$22.48	1.4%	-14.8%
73	Iron and Steel Products	\$1.43	2.6%	4.1%	15th	\$19.25	1.2%	4.4%
Multi	Remaining commodities	\$18.56	34.2%	6.5%		\$807.35	48.5%	12.4%

Ohio Commodity Value as Percentage of US Commodity Value



Ohio and U.S. Exports by Country

Value in Millions

	Ohio			Ohio's Share of U.S.	US		
	2018	Total 2016-18	Change 2017-18		2018	Total 2016-18	Change 2017-18
Total	\$54,292.82	\$153,725.86	8.4%	3.3%	\$1,664,055.58	\$4,661,352.07	7.6%
Canada	\$21,026.23	\$59,161.85	10.9%	7.0%	\$298,719.02	\$847,718.62	5.8%
Mexico	\$6,862.42	\$19,885.72	5.7%	2.6%	\$265,010.36	\$738,375.97	8.9%
China	\$3,664.18	\$11,231.40	-3.9%	3.0%	\$120,341.43	\$365,780.52	-7.4%
United Kingdom	\$2,199.89	\$6,200.51	4.5%	3.3%	\$66,228.17	\$177,655.42	17.7%
Japan	\$1,680.16	\$4,622.69	19.5%	2.2%	\$74,966.72	\$205,797.87	10.9%
Germany	\$1,625.91	\$4,252.49	21.5%	2.8%	\$57,653.81	\$160,982.69	7.0%
Brazil	\$1,376.43	\$4,211.58	-3.3%	3.5%	\$39,494.18	\$106,782.04	6.1%
France	\$1,184.45	\$3,590.20	-4.1%	3.3%	\$36,326.33	\$101,075.12	8.1%
Korea, Republic Of	\$971.87	\$2,937.92	-10.6%	1.7%	\$56,344.31	\$146,983.38	16.6%
Netherlands	\$960.25	\$2,352.09	37.7%	1.9%	\$49,390.54	\$130,506.00	19.0%
Belgium	\$839.06	\$2,141.16	25.7%	2.7%	\$31,415.75	\$93,440.14	5.0%
Australia	\$706.59	\$2,038.93	9.5%	2.8%	\$25,306.45	\$71,982.56	3.2%
United Arab Emirates	\$686.45	\$2,125.25	12.8%	3.5%	\$19,548.34	\$61,956.03	-2.4%
Singapore	\$649.94	\$1,685.38	13.9%	2.0%	\$33,141.04	\$89,778.55	11.2%
Italy	\$621.70	\$1,590.60	29.1%	2.7%	\$23,153.30	\$58,282.14	25.8%
Taiwan	\$560.45	\$1,430.35	25.6%	1.9%	\$30,242.79	\$82,006.64	17.5%
India	\$553.90	\$1,517.91	-0.6%	1.7%	\$33,120.08	\$80,444.61	28.9%
Hong Kong	\$538.70	\$1,657.08	-15.5%	1.4%	\$37,459.62	\$112,293.95	-6.2%
Thailand	\$485.45	\$1,269.83	3.3%	3.9%	\$12,588.29	\$34,047.34	14.5%
Saudi Arabia	\$425.26	\$1,351.12	19.2%	3.1%	\$13,624.38	\$47,971.90	-16.7%
Argentina	\$383.92	\$709.91	110.7%	3.9%	\$9,919.88	\$28,017.33	3.5%
Malaysia	\$378.86	\$922.03	25.3%	2.9%	\$12,864.63	\$37,661.39	-0.8%
Switzerland	\$332.98	\$1,211.92	-27.6%	1.5%	\$22,230.66	\$66,713.08	2.5%
Indonesia	\$310.41	\$834.67	26.3%	3.8%	\$8,226.20	\$21,115.70	19.8%
Turkey	\$253.08	\$690.96	7.1%	2.5%	\$10,194.02	\$29,290.01	4.6%
Spain	\$241.85	\$753.35	-5.5%	1.9%	\$12,975.52	\$34,439.11	17.3%
Vietnam	\$229.34	\$586.92	49.3%	2.4%	\$9,683.74	\$27,915.79	19.1%
Sweden	\$228.91	\$724.72	21.9%	5.1%	\$4,483.02	\$12,031.58	20.0%
Chile	\$218.76	\$525.25	41.6%	1.4%	\$15,340.12	\$41,881.99	12.8%
Israel	\$217.62	\$630.77	3.9%	1.6%	\$13,715.25	\$39,463.05	9.3%
Russia	\$200.72	\$451.68	45.9%	3.0%	\$6,667.64	\$19,458.63	-4.7%
Poland	\$191.15	\$491.81	37.2%	3.5%	\$5,413.47	\$13,594.04	19.7%
Colombia	\$167.07	\$475.65	8.8%	1.1%	\$14,996.14	\$41,355.52	12.7%
Egypt	\$161.34	\$265.20	172.7%	3.2%	\$5,056.51	\$12,533.09	26.7%
Philippines	\$157.09	\$435.09	13.9%	1.8%	\$8,706.81	\$25,357.08	3.0%
Oman	\$151.31	\$302.35	60.0%	6.2%	\$2,421.28	\$6,210.45	22.0%
South Africa	\$148.20	\$443.07	-1.0%	2.7%	\$5,517.08	\$15,134.63	9.9%
Pakistan	\$141.98	\$315.13	5.9%	4.8%	\$2,929.19	\$7,845.13	4.3%
Bangladesh	\$133.70	\$542.49	-35.3%	6.3%	\$2,109.78	\$4,489.43	43.1%
Panama	\$124.37	\$255.62	69.3%	1.8%	\$6,884.89	\$19,255.49	9.3%
Qatar	\$123.17	\$308.13	21.3%	2.8%	\$4,423.32	\$12,474.36	41.6%
Peru	\$113.27	\$312.57	-7.9%	1.2%	\$9,633.78	\$26,223.35	11.2%
Finland	\$113.14	\$205.27	88.3%	6.0%	\$1,872.59	\$4,980.99	22.0%
Kuwait	\$103.98	\$377.90	-36.5%	3.5%	\$2,984.17	\$11,424.20	-42.0%
Guatemala	\$102.58	\$262.83	20.0%	1.5%	\$6,648.95	\$19,379.50	-3.6%

continued

Ohio and U.S. Exports by Country

Value in Millions

	Ohio			Ohio's Share of U.S.	US		
	2018	Total 2016-18	Change 2017-18		2018	Total 2016-18	Change 2017-18
Hungary	\$101.66	\$426.36	-38.3%	5.8%	\$1,751.65	\$5,484.38	-7.2%
Ireland	\$97.16	\$310.18	0.1%	0.9%	\$10,686.90	\$30,959.85	-0.2%
Costa Rica	\$93.82	\$223.46	28.9%	1.5%	\$6,345.52	\$18,384.69	2.9%
Dominican Republic	\$87.35	\$209.74	40.3%	1.0%	\$8,561.21	\$24,139.69	9.4%
New Zealand	\$81.32	\$231.53	9.6%	2.0%	\$4,067.16	\$11,566.69	3.6%
Norway	\$64.31	\$156.18	56.5%	1.2%	\$5,457.24	\$14,830.46	0.1%
Czech Republic	\$59.04	\$157.81	11.3%	2.0%	\$3,003.64	\$7,243.88	32.1%
Austria	\$54.03	\$181.70	6.4%	1.5%	\$3,569.04	\$11,639.91	-16.5%
Jordan	\$52.53	\$317.95	-75.3%	3.3%	\$1,606.49	\$4,986.52	-16.4%
Denmark	\$48.38	\$131.35	9.5%	1.9%	\$2,558.91	\$7,007.42	15.8%
Nigeria	\$46.45	\$117.23	25.2%	1.7%	\$2,668.39	\$6,732.96	23.0%
Ecuador	\$46.12	\$117.55	14.7%	0.8%	\$5,760.42	\$14,745.14	19.5%
Morocco	\$45.58	\$153.67	55.3%	1.5%	\$2,945.07	\$7,097.43	32.7%
Honduras	\$44.81	\$120.76	28.1%	0.8%	\$5,600.20	\$15,507.38	10.2%
Jamaica	\$44.56	\$114.37	2.2%	1.6%	\$2,720.88	\$6,476.13	29.2%
Bahrain	\$43.99	\$93.85	90.3%	2.2%	\$2,036.54	\$3,834.23	126.7%
Luxembourg	\$43.54	\$81.63	68.8%	4.2%	\$1,025.79	\$3,549.97	-4.8%
Haiti	\$41.90	\$134.30	-20.2%	3.0%	\$1,390.91	\$3,892.27	-1.4%
Tunisia	\$40.03	\$94.07	-1.5%	6.7%	\$596.61	\$1,667.15	9.8%
El Salvador	\$38.41	\$110.76	21.5%	1.1%	\$3,415.95	\$9,392.57	11.7%
Ukraine	\$32.96	\$96.70	3.2%	1.3%	\$2,465.07	\$5,329.77	37.9%
Portugal	\$30.73	\$94.41	-23.0%	2.1%	\$1,463.64	\$3,623.51	22.7%
Lithuania	\$30.31	\$64.37	22.5%	4.3%	\$707.55	\$1,780.52	16.1%
Trinidad And Tobago	\$29.83	\$89.51	1.8%	1.4%	\$2,109.60	\$6,267.83	16.1%
Romania	\$29.42	\$84.65	-2.8%	2.7%	\$1,108.24	\$2,759.16	16.1%
Azerbaijan	\$22.57	\$57.32	1002.5%	7.2%	\$313.38	\$1,101.47	-11.6%
Ethiopia	\$22.08	\$208.82	-69.3%	1.7%	\$1,310.89	\$3,014.13	49.4%
Lebanon	\$20.22	\$47.28	34.3%	1.5%	\$1,317.31	\$3,709.27	7.8%
Ghana	\$16.25	\$50.73	-5.7%	2.0%	\$793.03	\$2,485.00	-7.8%
Uruguay	\$16.03	\$46.34	-3.6%	1.1%	\$1,445.48	\$4,159.15	-9.6%
Macau	\$15.03	\$35.24	36.5%	2.5%	\$601.78	\$1,735.97	19.8%
Nicaragua	\$14.52	\$57.96	-38.4%	0.9%	\$1,603.22	\$4,672.58	0.9%
Estonia	\$12.72	\$29.90	13.5%	3.7%	\$346.91	\$877.42	26.6%
Bahamas	\$12.08	\$33.61	7.3%	0.4%	\$3,091.80	\$8,245.87	1.1%
Iraq	\$11.75	\$26.68	106.4%	0.9%	\$1,313.20	\$3,784.24	9.0%
Guyana	\$11.03	\$32.36	-4.4%	2.0%	\$540.84	\$1,362.64	43.3%
Slovakia	\$10.60	\$40.90	-28.5%	3.7%	\$289.61	\$1,024.42	-34.4%
Sri Lanka	\$9.75	\$28.27	3.9%	2.6%	\$372.16	\$1,076.27	10.7%
Uzbekistan	\$8.92	\$14.80	92.8%	3.0%	\$296.38	\$750.35	117.8%
Greece	\$8.65	\$31.03	-8.0%	0.8%	\$1,047.68	\$2,755.01	9.1%
Cambodia	\$8.35	\$16.19	141.0%	1.9%	\$446.60	\$1,207.55	11.6%
Kazakhstan	\$7.58	\$23.98	31.6%	1.0%	\$729.22	\$2,392.69	32.1%
Algeria	\$7.49	\$56.90	-30.1%	0.6%	\$1,250.22	\$4,501.32	18.0%
Latvia	\$7.29	\$17.23	51.6%	1.4%	\$510.37	\$1,164.98	33.7%
Slovenia	\$7.12	\$21.17	61.4%	2.2%	\$319.47	\$1,022.44	-14.0%
Paraguay	\$6.62	\$16.99	-2.8%	0.3%	\$2,378.91	\$7,068.47	-12.5%

continued

Ohio and U.S. Exports by Country

Value in Millions

	Ohio			Ohio's Share of U.S.	US		
	2018	Total 2016-18	Change 2017-18		2018	Total 2016-18	Change 2017-18
Bolivia	\$6.46	\$19.72	-5.0%	1.1%	\$577.83	\$1,829.82	-2.8%
Cayman Islands	\$6.33	\$25.60	14.6%	0.7%	\$949.04	\$2,588.13	7.1%
Barbados	\$6.05	\$19.08	-15.7%	1.0%	\$589.82	\$1,597.15	12.2%
Sudan	\$5.87	\$6.06	5679.8%	6.2%	\$95.07	\$220.25	36.5%
Serbia	\$5.39	\$18.65	-16.0%	3.3%	\$165.74	\$436.48	32.0%
Iceland	\$5.39	\$16.14	-4.0%	0.8%	\$644.22	\$1,491.26	61.4%
Venezuela	\$5.10	\$42.83	-69.3%	0.1%	\$5,861.12	\$15,204.79	41.8%
Georgia	\$4.66	\$68.33	196.8%	1.0%	\$478.70	\$1,186.02	25.0%
Bulgaria	\$4.47	\$17.25	83.0%	1.2%	\$370.28	\$1,020.79	-2.9%
Kenya	\$4.29	\$91.49	-94.8%	1.2%	\$365.15	\$1,217.07	-19.7%
Dominica	\$4.19	\$7.11	69.1%	0.8%	\$518.17	\$747.71	190.4%
Belarus	\$3.83	\$8.43	94.5%	2.9%	\$132.57	\$400.25	82.4%
Senegal	\$3.81	\$11.72	51.5%	1.3%	\$298.59	\$690.84	43.6%
Aruba	\$3.62	\$6.80	69.5%	0.6%	\$599.45	\$2,366.80	-38.0%
Belize	\$3.62	\$11.04	-10.0%	0.9%	\$403.06	\$965.00	36.7%
Sint Maarten	\$3.45	\$8.47	19.6%	0.5%	\$673.53	\$1,933.52	23.5%
Bermuda	\$3.14	\$9.51	-3.5%	0.5%	\$609.25	\$1,931.16	-12.2%
Croatia	\$3.04	\$7.82	6.8%	0.5%	\$615.15	\$1,354.02	37.3%
Afghanistan	\$2.72	\$6.34	22.6%	0.2%	\$1,233.90	\$3,088.05	31.1%
Libya	\$2.69	\$7.45	-12.0%	1.1%	\$244.12	\$569.18	80.9%
Burma (Myanmar)	\$2.50	\$9.77	-28.8%	0.9%	\$263.57	\$670.51	24.7%
Malta	\$2.49	\$7.01	40.8%	1.2%	\$200.72	\$786.20	-31.5%
Mongolia	\$2.43	\$3.52	282.0%	2.0%	\$120.92	\$258.37	47.1%
Curacao	\$2.40	\$6.21	-15.4%	0.3%	\$851.39	\$2,420.45	23.0%
Liechtenstein	\$2.26	\$5.07	71.0%	4.6%	\$49.38	\$101.70	78.0%
Guinea	\$2.19	\$6.11	45.7%	1.7%	\$127.17	\$314.38	23.4%
Botswana	\$2.18	\$3.52	68.8%	2.7%	\$81.90	\$217.37	-12.0%
Turks And Caicos Islands	\$2.13	\$4.13	47.5%	0.6%	\$356.45	\$1,022.92	-3.6%
Sierra Leone	\$2.12	\$5.25	53.4%	3.0%	\$71.47	\$213.83	-9.7%
Cyprus	\$2.11	\$5.94	8.7%	1.6%	\$131.27	\$396.18	59.3%
French Polynesia	\$1.82	\$4.24	149.1%	0.6%	\$287.92	\$507.76	140.3%
Nepal	\$1.73	\$4.65	-33.6%	3.1%	\$55.47	\$171.78	-26.9%
Ivory Coast	\$1.70	\$4.76	-12.4%	0.5%	\$311.39	\$922.61	-2.7%
Macedonia	\$1.64	\$3.70	13.0%	4.0%	\$41.37	\$128.46	0.4%
Angola	\$1.64	\$3.89	41.9%	0.3%	\$526.55	\$2,585.75	-34.9%
Grenada	\$1.60	\$7.01	-11.2%	1.3%	\$119.04	\$308.81	15.6%
Tanzania	\$1.55	\$5.95	-47.3%	0.5%	\$335.23	\$638.04	130.8%
Iran	\$1.51	\$8.82	-57.5%	0.3%	\$440.46	\$748.42	223.9%
Fiji	\$1.51	\$3.63	23.6%	1.4%	\$105.00	\$226.60	57.8%
Mauritius	\$1.50	\$3.77	10.9%	1.2%	\$123.58	\$271.96	101.2%
Benin	\$1.35	\$3.84	29.3%	0.5%	\$255.59	\$740.76	2.2%
Brunei	\$1.24	\$4.00	11.9%	0.5%	\$266.71	\$1,002.17	120.2%
Madagascar	\$1.14	\$2.95	-12.1%	1.0%	\$112.84	\$208.18	111.4%
Cuba	\$1.14	\$6.33	-70.2%	0.4%	\$275.88	\$808.99	-5.3%
British Virgin Islands	\$1.12	\$2.67	24.8%	0.1%	\$823.57	\$1,533.72	118.3%
Mauritania	\$1.02	\$3.00	4.6%	1.2%	\$88.17	\$332.20	-31.0%

continued

Ohio and U.S. Exports by Country

Value in Millions

	Ohio			Ohio's Share of U.S.	US		
	2018	Total 2016-18	Change 2017-18		2018	Total 2016-18	Change 2017-18
Suriname	\$1.02	\$2.86	-12.5%	0.3%	\$388.05	\$1,051.11	7.9%
Antigua And Barbuda	\$1.01	\$2.26	90.4%	0.2%	\$508.60	\$1,195.73	19.5%
Anguilla	\$0.98	\$1.73	190.8%	0.9%	\$115.37	\$217.67	94.2%
Uganda	\$0.97	\$2.34	1.0%	1.1%	\$87.35	\$264.28	-19.0%
Mozambique	\$0.93	\$1.94	55.7%	0.5%	\$184.99	\$513.56	3.3%
Maldives	\$0.90	\$2.71	-39.2%	2.4%	\$37.72	\$103.06	9.7%
Papua New Guinea	\$0.89	\$9.38	-86.5%	1.0%	\$86.71	\$318.88	-18.1%
Liberia	\$0.87	\$3.34	-13.4%	0.4%	\$217.11	\$513.47	56.9%
St. Lucia	\$0.87	\$5.17	-62.7%	0.2%	\$572.95	\$1,584.19	0.1%
Cameroon	\$0.83	\$2.99	-1.4%	0.4%	\$196.72	\$545.33	23.8%
Mali	\$0.83	\$3.32	-45.4%	1.0%	\$78.96	\$214.03	27.3%
St.Christopher-Nevis	\$0.81	\$1.39	123.7%	0.4%	\$210.01	\$598.07	-13.8%
Malawi	\$0.81	\$1.85	90.3%	4.7%	\$17.24	\$91.74	-38.2%
Zambia	\$0.81	\$2.47	55.7%	0.4%	\$195.38	\$362.15	129.5%
Gambia	\$0.80	\$1.76	68.4%	1.9%	\$41.42	\$120.66	5.6%
Zimbabwe	\$0.78	\$2.11	5.1%	2.3%	\$33.98	\$103.97	-14.9%
Gibraltar	\$0.75	\$0.86	574.5%	0.1%	\$1,290.15	\$4,050.75	14.5%
Gabon	\$0.66	\$1.47	192.4%	0.6%	\$113.03	\$287.05	27.0%
French Guiana	\$0.59	\$0.63	7133.3%	0.3%	\$228.82	\$1,069.58	40.6%
Burkina Faso	\$0.58	\$1.37	-11.5%	1.0%	\$59.50	\$155.86	-2.4%
Turkmenistan	\$0.57	\$2.90	-70.7%	1.8%	\$30.90	\$419.29	-89.0%
Togo	\$0.57	\$1.24	99.5%	0.1%	\$563.60	\$1,274.87	17.0%
Namibia	\$0.55	\$1.84	-13.3%	0.3%	\$202.65	\$534.15	70.9%
Congo, Democratic Republic Of T	\$0.52	\$2.22	-29.7%	0.7%	\$78.87	\$237.88	3.4%
Syria	\$0.46	\$0.57	284.5%	0.9%	\$50.67	\$61.13	628.0%
New Caledonia	\$0.44	\$1.91	19.4%	0.7%	\$63.93	\$189.20	7.7%
Congo, Republic Of The Congo	\$0.40	\$0.97	31.2%	0.4%	\$100.25	\$348.52	-14.6%
Rwanda	\$0.39	\$0.97	16.3%	1.5%	\$25.33	\$166.14	-61.7%
Swaziland	\$0.36	\$2.83	-1.0%	1.1%	\$33.34	\$83.02	38.5%
Moldova	\$0.36	\$2.82	165.1%	2.7%	\$13.42	\$46.03	-23.8%
East Timor	\$0.32	\$0.78	29.4%	21.4%	\$1.50	\$5.68	-41.5%
St. Vincent	\$0.32	\$1.25	-51.9%	0.4%	\$82.34	\$257.29	1.2%
Federated States Of Micronesia	\$0.26	\$1.29	55.7%	0.6%	\$46.81	\$134.61	4.4%
Albania	\$0.26	\$2.01	-60.8%	0.4%	\$59.25	\$171.63	-4.6%
South Sudan	\$0.25	\$0.41	282.1%	1.1%	\$23.49	\$46.81	73.1%
Seychelles	\$0.25	\$0.58	-2.6%	1.7%	\$14.29	\$42.26	-7.7%
Somalia	\$0.23	\$0.61	28.4%	0.5%	\$50.14	\$159.56	-29.0%
Armenia	\$0.19	\$0.92	-35.6%	0.4%	\$47.00	\$145.58	-14.6%
Andorra	\$0.19	\$0.19	5430.7%	6.0%	\$3.07	\$9.18	-6.7%
Burundi	\$0.16	\$0.27	98.2%	1.1%	\$14.59	\$31.13	79.3%
Montenegro	\$0.12	\$0.30	297.1%	0.2%	\$63.34	\$89.20	592.4%
Bosnia And Herzegovina	\$0.11	\$0.56	-23.6%	0.2%	\$46.60	\$103.11	71.7%
Niger	\$0.11	\$0.62	-35.7%	0.2%	\$61.71	\$172.10	40.0%
Martinique	\$0.11	\$0.86	-43.2%	0.0%	\$235.43	\$548.33	39.9%
Guadeloupe	\$0.11	\$1.24	-84.9%	0.0%	\$331.57	\$721.52	35.4%
Central African Republic	\$0.11	\$0.55	-72.0%	0.5%	\$22.93	\$43.53	105.1%

continued

Ohio and U.S. Exports by Country

Value in Millions

	Ohio			Ohio's Share of U.S.	US		
	2018	Total 2016-18	Change 2017-18		2018	Total 2016-18	Change 2017-18
Chad	\$0.10	\$0.40	257.0%	0.2%	\$52.68	\$116.84	68.1%
Palau	\$0.10	\$0.18	89.9%	0.5%	\$20.61	\$65.74	6.1%
Monaco	\$0.09	\$0.17	55.2%	0.0%	\$229.39	\$340.90	442.8%
Laos	\$0.09	\$0.29	4.5%	0.6%	\$15.06	\$71.60	-41.4%
Djibouti	\$0.08	\$0.64	-64.2%	0.1%	\$109.48	\$399.48	-30.5%
Tonga	\$0.08	\$0.10	n.a.	0.3%	\$24.13	\$56.06	44.3%
Guinea-Bissau	\$0.07	\$0.07	n.a.	0.4%	\$18.56	\$25.86	394.6%
Republic Of Yemen	\$0.07	\$0.37	-61.2%	0.0%	\$195.10	\$565.00	-2.0%
Western Samoa	\$0.06	\$0.12	25.2%	0.2%	\$39.05	\$105.33	1.9%
British Indian Ocean Terr.	\$0.05	\$0.41	-79.6%	0.6%	\$9.26	\$51.05	-74.5%
Tajikistan	\$0.05	\$0.17	125.5%	0.4%	\$14.37	\$53.61	-19.7%
Kyrgyzstan	\$0.05	\$0.68	-63.0%	0.3%	\$17.02	\$63.10	-34.7%
Gaza Strip Admin By Israel	\$0.05	\$0.05	n.a.	9.7%	\$0.48	\$1.21	-12.7%
Faroe Islands	\$0.04	\$0.20	32.4%	1.8%	\$2.41	\$7.03	18.4%
Bhutan	\$0.04	\$0.23	-73.8%	0.1%	\$55.90	\$92.77	60.2%
Montserrat	\$0.04	\$0.34	254.6%	0.2%	\$17.69	\$36.89	82.3%
Vanuatu	\$0.03	\$0.11	386.8%	0.3%	\$10.31	\$25.88	32.8%
Cabo Verde	\$0.02	\$0.54	-82.9%	0.3%	\$8.56	\$26.40	-6.4%
Greenland	\$0.02	\$0.02	n.a.	0.3%	\$6.72	\$20.66	-32.0%
Reunion	\$0.02	\$0.24	-89.8%	0.2%	\$8.63	\$466.57	3.0%
Fr.Sthern.,Antarctic Lands	\$0.02	\$0.02	n.a.	2.6%	\$0.82	\$8.57	-71.2%
Lesotho	\$0.02	\$0.12	24.9%	0.9%	\$2.31	\$7.05	21.6%
Kosovo	\$0.02	\$0.11	-52.7%	0.1%	\$18.89	\$47.31	87.5%
Eritrea	\$0.01	\$0.06	-64.4%	0.2%	\$8.19	\$16.26	63.1%
Marshall Islands	\$0.01	\$0.20	-86.6%	0.0%	\$290.07	\$1,130.38	-47.9%
Heard And Mcdonald Islands	\$0.01	\$0.01	n.a.	8.0%	\$0.12	\$0.54	-7.5%
Equatorial Guinea	\$0.01	\$0.06	76.5%	0.0%	\$139.46	\$529.83	24.6%
Comoros	\$0.00	\$0.09	-100.0%	0.0%	\$2.78	\$5.50	102.0%
Tokelau Islands	\$0.00	\$0.10	-100.0%	0.0%	\$2.92	\$6.56	151.4%
Solomon Islands	\$0.00	\$0.08	-100.0%	0.0%	\$11.72	\$30.92	26.0%
West Bank Admin By Israel	\$0.00	\$0.03	-100.0%	0.0%	\$2.15	\$5.51	-1.9%
Cocos Islands	\$0.00	\$0.02	-100.0%	0.0%	\$0.34	\$1.58	-23.7%
St. Helena	\$0.00	\$0.02	-100.0%	0.0%	\$0.72	\$2.05	22.4%
Falkland Islands	\$0.00	\$0.06	-100.0%	0.0%	\$0.21	\$2.18	-55.4%
Kiribati	\$0.00	\$0.01	-100.0%	0.0%	\$4.44	\$10.52	-9.9%
Cook Islands	\$0.00	\$0.02	-100.0%	0.0%	\$7.21	\$17.10	37.5%
Sao Tome And Principe	\$0.00	\$0.06	n.a.	0.0%	\$2.07	\$7.20	-34.1%
Norfolk Island	\$0.00	\$0.02	n.a.	0.0%	\$0.20	\$0.46	42.0%
Mayotte	\$0.00	\$0.01	n.a.	0.0%	\$0.87	\$4.19	76.3%
Nauru	\$0.00	\$0.01	n.a.	0.0%	\$0.80	\$1.49	300.6%
Christmas Island	\$0.00	\$0.00	n.a.	0.0%	\$0.78	\$2.40	63.1%
Niue	\$0.00	\$0.00	n.a.	0.0%	\$1.26	\$1.42	1353.8%
North Korea	\$0.00	\$0.00	n.a.	0.0%	\$0.00	\$0.13	62.2%
Pitcairn Island	\$0.00	\$0.00	n.a.	0.0%	\$0.08	\$0.14	5808.4%
San Marino	\$0.00	\$0.00	n.a.	0.0%	\$1.57	\$8.33	-25.7%
St. Pierre And Miquelon	\$0.00	\$0.00	n.a.	0.0%	\$0.13	\$0.59	-66.2%

continued

Ohio and U.S. Exports by Country

Value in Millions

	Ohio			Ohio's Share of U.S.	US		
	2018	Total 2016-18	Change 2017-18		2018	Total 2016-18	Change 2017-18
Svalbard, Jan Mayen Island	\$0.00	\$0.00	n.a.	0.0%	\$3.56	\$5.64	79.0%
Tuvalu Islands	\$0.00	\$0.00	n.a.	0.0%	\$1.36	\$3.29	70.7%
Unidentified Countries	\$0.00	\$0.00	n.a.	n.a.	\$0.00	\$1.77	n.a.
Vatican City	\$0.00	\$0.00	n.a.	0.0%	\$0.18	\$2.16	-84.0%
Wallis And Futuna	\$0.00	\$0.00	n.a.	0.0%	\$1.19	\$1.71	295.5%
Western Sahara	\$0.00	\$0.00	n.a.	0.0%	\$0.26	\$0.77	-37.9%

Ohio and U.S. Exports by Commodity

Value in Millions

Harmonized Tariff Schedule		Ohio			Ohio's Share of U.S.	US		
		2018	Total 2016-18	Change 2017-18		2018	Total 2016-18	Change 2017-18
	Total	\$54,292.82	\$153,725.86	8.4%	3.3%	\$1,664,055.58	\$4,661,352.07	7.6%
Section I: Live Animals; Animal Products								
01	Live Animals	\$14.73	\$32.03	42.6%	1.3%	\$1,092.30	\$2,883.57	8.4%
02	Meat	\$85.31	\$238.66	6.5%	0.5%	\$17,232.00	\$48,288.03	5.1%
03	Fish & Crustaceans	\$3.42	\$10.74	-27.3%	0.1%	\$5,247.60	\$15,609.07	-2.7%
04	Dairy Products; Eggs; Honey; Edible Animal Products Nesoi	\$53.18	\$130.07	34.1%	1.1%	\$4,626.05	\$13,014.58	3.2%
05	Products Of Animal Origin, Nesoi	\$77.91	\$218.67	6.5%	5.9%	\$1,313.23	\$3,507.29	11.2%
Section Totals		\$234.55	\$630.17	12.8%	0.8%	\$29,511.18	\$83,302.54	3.7%
Section II: Vegetable Products								
06	Live Trees, Plants, Bulbs Etc.; Cut Flowers Etc.	\$13.72	\$38.42	8.1%	3.0%	\$458.70	\$1,333.05	2.6%
07	Edible Vegetables & Certain Roots & Tubers	\$80.27	\$191.56	24.1%	1.8%	\$4,499.12	\$13,965.08	-6.0%
08	Edible Fruit & Nuts; Citrus Fruit Or Melon Peel	\$1.57	\$6.93	-47.9%	0.0%	\$14,693.87	\$43,624.32	-1.2%
09	Coffee, Tea, Mate & Spices	\$6.43	\$26.22	-36.9%	0.6%	\$1,149.70	\$3,540.99	-1.7%
10	Cereals	\$55.13	\$224.71	-19.2%	0.3%	\$21,042.36	\$58,588.16	13.1%
11	Milling Products; Malt; Starch; Inulin; Wheat Gluten	\$6.11	\$17.73	-11.0%	0.7%	\$916.47	\$2,706.93	0.4%
12	Oil Seeds Etc.; Miscellaneous Grain, Seed, Fruit, Plant Etc	\$1,655.03	\$5,529.04	-7.0%	7.4%	\$22,477.18	\$76,579.89	-14.8%
13	Lac; Gums, Resins & Other Vegetable Sap & Extract	\$15.87	\$41.05	29.2%	2.3%	\$690.78	\$1,808.06	23.1%
14	Vegetable Plaiting Materials & Products Nesoi	\$0.62	\$2.64	-22.2%	1.6%	\$38.35	\$107.13	-2.7%
Section Totals		\$1,834.76	\$6,078.28	-6.3%	2.8%	\$65,966.53	\$202,253.61	-2.7%
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	\$47.91	\$139.96	5.6%	1.5%	\$3,167.38	\$9,679.54	-4.5%
Section Totals		\$47.91	\$139.96	5.6%	1.5%	\$3,167.38	\$9,679.54	-4.5%

Nesoi - Not elsewhere specified or indicated

continued

Ohio and U.S. Exports by Commodity

Value in Millions

Harmonized Tariff Schedule		Ohio			Ohio's Share of U.S.	US		
		2018	Total 2016-18	Change 2017-18		2018	Total 2016-18	Change 2017-18
Section IV: Prepared Foodstuffs; Beverages, Spirits, and Vinegar; Tobacco and Manufactured Tobacco Substitutes								
16	Edible Preparations Of Meat, Fish, Crustaceans Etc	\$172.09	\$525.31	2.2%	7.9%	\$2,184.11	\$6,506.82	1.0%
17	Sugars & Sugar Confectionary	\$44.68	\$162.11	-24.1%	2.2%	\$1,999.22	\$5,936.75	-1.1%
18	Cocoa & Cocoa Preparations	\$13.61	\$27.41	79.7%	0.7%	\$1,931.14	\$5,957.07	-3.0%
19	Preparations Of Cereal, Flour, Starch Or Milk; Bakers Wares	\$220.04	\$621.11	9.2%	5.4%	\$4,075.44	\$12,196.80	0.2%
20	Preparations Vegetables, Fruit, Nuts Or Other Plant Parts	\$72.94	\$233.11	-7.8%	1.4%	\$5,074.28	\$15,123.99	1.7%
21	Miscellaneous Edible Preparations	\$213.87	\$572.03	7.4%	2.4%	\$8,895.77	\$26,039.05	4.5%
22	Beverages, Spirits & Vinegar	\$63.57	\$192.62	1.1%	0.7%	\$8,838.35	\$24,850.96	6.4%
23	Food Industry Residues & Waste; Prepared Animal Feed	\$309.74	\$840.59	23.0%	2.7%	\$11,264.44	\$30,730.83	17.7%
24	Tobacco & Manufactured Tobacco Substitutes	\$740.93	\$1,878.24	21.2%	32.0%	\$2,312.09	\$6,789.81	6.1%
Section Totals		\$1,851.46	\$5,052.52	12.9%	4.0%	\$46,574.84	\$134,132.09	6.3%
Section V: Mineral Products								
25	Salt; Sulfur; Earth & Stone; Lime & Cement Plaster	\$62.38	\$202.90	-16.6%	2.1%	\$3,019.11	\$8,276.21	6.2%
26	Ores, Slag & Ash	\$146.09	\$446.70	41.0%	2.2%	\$6,716.49	\$18,432.44	11.7%
27	Mineral Fuel, Oil Etc.; Bitumin Substances; Mineral Wax	\$590.31	\$1,598.66	12.0%	0.3%	\$189,946.58	\$422,764.95	36.6%
Section Totals		\$798.78	\$2,248.26	13.2%	0.4%	\$199,682.18	\$449,473.60	35.0%

continued

Ohio and U.S. Exports by Commodity

Value in Millions

Harmonized Tariff Schedule		Ohio			Ohio's Share of U.S.	US		
		2018	Total 2016-18	Change 2017-18		2018	Total 2016-18	Change 2017-18
Section VI: Products of the Chemical or Allied Industries								
28	Inorganic Chemicals; Precious & Rare-Earth Metals & Radioactive Compounds	\$269.98	\$712.99	16.8%	2.2%	\$12,483.49	\$36,191.16	0.7%
29	Organic Chemicals	\$665.62	\$1,904.88	-2.6%	1.7%	\$40,198.45	\$110,469.87	10.7%
30	Pharmaceutical Products	\$796.24	\$2,151.86	30.8%	1.6%	\$48,391.34	\$140,157.96	7.7%
31	Fertilizers	\$41.83	\$132.15	-6.8%	1.0%	\$4,111.80	\$11,301.49	8.8%
32	Tanning & Dye Extracts Etc; Dye, Paint, Putty Etc; Inks	\$598.54	\$1,758.25	1.2%	7.5%	\$7,991.34	\$23,288.46	1.7%
33	Essential Oils Etc; Perfumery, Cosmetic Preparations	\$1,320.64	\$3,481.74	15.4%	9.7%	\$13,607.65	\$38,610.41	5.0%
34	Soap Etc; Waxes, Polish Etc; Candles; Dental Preparations	\$989.09	\$2,779.50	9.6%	13.6%	\$7,267.50	\$21,438.15	0.8%
35	Albuminoidal Substances; Modified Starch; Glue; Enzymes	\$154.89	\$427.20	15.2%	4.3%	\$3,582.25	\$10,573.26	-0.4%
36	Explosives; Pyrotechnics; Matches; Pyrophoric Alloys Etc	\$15.45	\$37.51	44.7%	2.0%	\$762.03	\$2,369.48	-3.0%
37	Photographic Or Cinematographic Goods	\$42.82	\$123.01	-7.1%	1.9%	\$2,219.46	\$6,639.92	1.4%
38	Miscellaneous Chemical Products	\$1,065.90	\$2,872.54	11.2%	3.5%	\$30,398.49	\$83,379.29	9.9%
Section Totals		\$5,961.01	\$16,381.62	11.3%	3.5%	\$171,013.78	\$484,419.46	7.1%
Section VII: Plastics and Articles Thereof; Rubber and Articles Thereof								
39	Plastics & Articles Thereof	\$3,080.66	\$8,996.22	1.4%	4.6%	\$66,517.05	\$187,036.56	7.5%
40	Rubber & Articles Thereof	\$1,084.98	\$3,405.07	-5.1%	7.8%	\$13,968.87	\$39,985.42	4.0%
Section Totals		\$4,165.63	\$12,401.29	-0.4%	5.2%	\$80,485.92	\$227,021.98	6.9%

continued

Ohio and U.S. Exports by Commodity

Value in Millions

Harmonized Tariff Schedule		Ohio			Ohio's Share of U.S.	US		
		2018	Total 2016-18	Change 2017-18		2018	Total 2016-18	Change 2017-18
Section VIII: Raw Hides and Skins, Leather, Furskins and Articles Thereof; Saddlery and Harness; Travel Goods, Handbags and Similar Containers								
41	Raw Hides & Skins & Leather	\$6.56	\$17.94	27.5%	0.3%	\$2,210.98	\$7,650.18	-18.1%
42	Leather Articles; Saddlery Etc; Handbags	\$64.83	\$190.48	2.1%	3.8%	\$1,689.22	\$4,870.58	8.7%
43	Furskins & Artificial Fur; Manufactures Thereof	\$7.88	\$15.98	1164.4%	3.9%	\$199.99	\$860.95	-30.3%
Section Totals		\$79.28	\$224.40	14.4%	1.9%	\$4,100.19	\$13,381.71	-9.7%
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	\$325.60	\$979.93	-5.9%	3.3%	\$9,855.64	\$28,653.79	0.8%
45	Cork & Articles Of Cork	\$0.10	\$0.28	1.8%	0.4%	\$23.39	\$79.57	-5.3%
46	Manufactures Of Straw, Esparto Etc.; Basketware & Wickerwork	\$0.25	\$1.34	-45.1%	1.2%	\$20.40	\$55.18	12.3%
Section Totals		\$325.95	\$981.55	-5.9%	3.3%	\$9,899.43	\$28,788.54	0.8%
Section X: Pulp of Wood or Other Fibrous Cellulosic Material; Waste and Scrap of Paper or Paperboard; Paper and Paperboard and Articles Thereof								
47	Wood Pulp Etc; Recovered (Waste & Scrap) Paper & Paperboard	\$53.88	\$178.76	-16.4%	0.6%	\$9,452.37	\$26,650.43	7.8%
48	Paper & Paperboard & Articles (Including Paper Pulp Articles)	\$567.16	\$1,710.97	-1.3%	3.5%	\$16,381.16	\$47,016.08	3.9%
49	Printed Books, Newspapers Etc; Manuscripts Etc	\$107.39	\$371.99	-16.9%	2.5%	\$4,324.72	\$13,344.16	-2.9%
Section Totals		\$728.43	\$2,261.71	-5.2%	2.4%	\$30,158.26	\$87,010.67	4.0%

continued

Ohio and U.S. Exports by Commodity

Value in Millions

Harmonized Tariff Schedule		Ohio			Ohio's Share of U.S.	US		
		2018	Total 2016-18	Change 2017-18		2018	Total 2016-18	Change 2017-18
Section XI: Textile and Textile Articles								
50	Silk, Including Yarns & Woven Fabric Thereof	\$0.13	\$0.18	184.3%	1.7%	\$7.88	\$30.78	-39.8%
51	Wool & Animal Hair, Including Yarn & Woven Fabric	\$0.32	\$1.02	110.8%	0.4%	\$76.14	\$218.08	1.3%
52	Cotton, Including Yarn & Woven Fabric Thereof	\$4.89	\$10.27	83.5%	0.1%	\$8,393.98	\$21,723.78	9.9%
53	Other Vegetable Textile Fibers Nesoi; Paper Yarns & Woven Fabric	\$0.93	\$2.91	4.5%	4.7%	\$19.78	\$59.31	-1.6%
54	Manmade Filaments	\$5.96	\$22.73	-20.2%	0.3%	\$1,764.19	\$5,258.40	-0.7%
55	Manmade Staple Fibers	\$19.65	\$43.16	12.3%	0.9%	\$2,280.98	\$6,684.48	5.4%
56	Wadding, Felt Etc; Special Yarns; Twine, Ropes Etc.	\$59.05	\$169.86	4.7%	2.4%	\$2,481.84	\$7,204.83	3.0%
57	Carpets & Other Textile Floor Coverings	\$18.65	\$59.53	-9.2%	1.9%	\$975.74	\$2,951.04	-2.5%
58	Special Woven Fabrics; Tufted Fabrics; Lace; Tapestries Etc	\$8.23	\$20.86	17.0%	1.6%	\$504.97	\$1,461.78	2.6%
59	Impregnated/Coated Textile Fabrics; Textile Articles For Industrial Use	\$56.05	\$157.81	26.7%	2.4%	\$2,336.16	\$6,827.21	1.9%
60	Knitted Or Crocheted Fabrics	\$2.62	\$8.99	15.8%	0.3%	\$868.63	\$2,710.82	-1.6%
61	Apparel Articles & Accessories, Knit Or Crochet	\$183.01	\$552.93	-1.3%	6.3%	\$2,889.86	\$8,186.30	7.6%
62	Apparel Articles & Accessories, Not Knit Or Crochet	\$259.82	\$638.74	28.9%	11.0%	\$2,371.71	\$7,009.92	3.1%
63	Textile Articles Nesoi; Needlecraft Sets; Worn Textile Articles	\$28.38	\$96.97	-20.2%	1.3%	\$2,172.07	\$6,311.80	1.6%
Section Totals		\$647.69	\$1,785.97	11.3%	2.4%	\$27,143.94	\$76,638.53	4.9%

Nesoi - Not elsewhere specified or indicated

continued

Ohio and U.S. Exports by Commodity

Value in Millions

Harmonized Tariff Schedule		Ohio			Ohio's Share of U.S.	US		
		2018	Total 2016-18	Change 2017-18		2018	Total 2016-18	Change 2017-18
Section XII: Footwear, Headgear, Umbrellas, Sun Umbrellas, Walking Sticks, Seasticks, Whips, Riding-Crops and Parts Thereof; Prepared Feathers and Articles Made Therewith; Artificial Flowers; Articles of Human Hair								
64	Footwear, Gaiters Etc. & Parts Thereof	\$71.70	\$169.60	39.2%	4.6%	\$1,558.85	\$4,358.45	8.8%
65	Headgear & Parts Thereof	\$23.78	\$65.50	20.4%	7.3%	\$327.96	\$955.29	8.9%
66	Umbrellas, Walking-Sticks, Riding-Crops Etc, Parts	\$0.53	\$1.40	18.4%	1.4%	\$36.74	\$107.67	-4.0%
67	Prepared Feathers, Down Etc; Artificial Flowers; Human Hair Articles	\$1.18	\$3.48	19.6%	0.7%	\$160.87	\$455.53	5.3%
Section Totals		\$97.19	\$239.99	33.7%	4.7%	\$2,084.42	\$5,876.94	8.3%
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.	\$241.55	\$702.12	1.6%	5.9%	\$4,097.35	\$11,927.97	3.6%
69	Ceramic Products	\$85.55	\$231.88	12.3%	4.2%	\$2,048.66	\$5,708.15	6.2%
70	Glass And Glassware	\$460.76	\$1,381.75	-2.1%	8.0%	\$5,790.75	\$17,381.17	-0.6%
Section Totals		\$787.86	\$2,315.76	0.4%	6.6%	\$11,936.75	\$35,017.29	1.9%
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	\$160.11	\$594.00	-5.3%	0.3%	\$63,794.67	\$181,828.80	5.9%
Section Totals		\$160.11	\$594.00	-5.3%	0.3%	\$63,794.67	\$181,828.80	5.9%

continued

Ohio and U.S. Exports by Commodity

Value in Millions

Harmonized Tariff Schedule		Ohio			Ohio's Share of U.S.	US		
		2018	Total 2016-18	Change 2017-18		2018	Total 2016-18	Change 2017-18
Section XV: Base Metals and Articles of Base Metal								
72	Iron & Steel	\$1,099.64	\$3,373.95	-5.8%	6.7%	\$16,435.93	\$45,413.61	2.0%
73	Articles Of Iron Or Steel	\$1,428.21	\$4,113.73	4.1%	7.4%	\$19,251.39	\$55,184.92	4.4%
74	Copper & Articles Thereof	\$334.00	\$902.17	11.6%	4.0%	\$8,430.60	\$21,929.08	17.4%
75	Nickel & Articles Thereof	\$122.35	\$325.22	13.2%	4.4%	\$2,751.01	\$6,639.02	37.1%
76	Aluminum & Articles Thereof	\$568.61	\$1,565.07	7.7%	4.5%	\$12,558.75	\$36,383.25	8.4%
78	Lead & Articles Thereof	\$4.31	\$11.90	52.3%	1.6%	\$272.39	\$567.83	61.4%
79	Zinc & Articles Thereof	\$8.15	\$28.98	-9.4%	1.9%	\$424.15	\$1,377.67	-5.3%
80	Tin & Articles Thereof	\$5.91	\$17.05	3.2%	3.9%	\$151.91	\$456.97	1.6%
81	Base Metals Nesoi; Cermets; Articles Thereof	\$311.97	\$915.23	-0.3%	9.8%	\$3,179.12	\$8,737.06	10.5%
82	Tools, Cutlery Etc. Of Base Metal & Parts Thereof	\$434.43	\$1,258.44	3.6%	9.0%	\$4,813.61	\$14,041.46	3.6%
83	Miscellaneous Articles Of Base Metal	\$491.20	\$1,378.50	10.4%	9.6%	\$5,110.78	\$14,815.88	5.3%
Section Totals		\$4,808.79	\$13,890.24	3.0%	6.6%	\$73,379.63	\$205,546.76	7.2%
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	\$9,855.45	\$27,991.89	9.7%	4.6%	\$213,115.44	\$605,880.72	5.5%
85	Electric Machinery; Sound Equipment; TV Equipment; Parts	\$3,521.76	\$10,124.86	3.9%	2.0%	\$176,065.36	\$517,616.53	0.9%
Section Totals		\$13,377.21	\$38,116.75	8.1%	3.4%	\$389,180.80	\$1,123,497.25	3.4%
Section XVII: Vehicles, Aircraft, Vessels and Associated Transport Equipment								
86	Railway Stock Etc; Traffic Signal Equipment	\$107.97	\$310.63	9.4%	3.3%	\$3,287.80	\$9,943.17	3.1%
87	Vehicles, Except Railway & Parts Etc	\$9,143.55	\$24,251.20	20.3%	7.0%	\$130,589.32	\$385,334.33	0.3%
88	Aircraft, Spacecraft, & Parts Thereof	\$5,195.08	\$14,726.15	7.6%	3.7%	\$139,098.08	\$404,980.76	6.1%
89	Ships, Boats & Floating Structures	\$6.36	\$18.74	4.5%	0.2%	\$2,603.17	\$7,109.73	20.3%
Section Totals		\$14,452.96	\$39,306.72	15.3%	5.2%	\$275,578.38	\$807,368.00	3.3%

Nesoi - Not elsewhere specified or indicated

continued

Ohio and U.S. Exports by Commodity

Value in Millions

Harmonized Tariff Schedule		Ohio			Ohio's Share of U.S.	US		
		2018	Total 2016-18	Change 2017-18		2018	Total 2016-18	Change 2017-18
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	\$1,856.88	\$5,251.20	10.8%	2.1%	\$89,595.92	\$255,249.27	7.1%
91	Clocks & Watches & Parts Thereof	\$4.65	\$15.17	10.4%	0.3%	\$1,548.47	\$4,190.90	11.3%
92	Musical Instruments; Parts & Accessories Thereof	\$7.28	\$20.97	4.4%	1.0%	\$748.41	\$2,233.05	3.8%
Section Totals		\$1,868.80	\$5,287.34	10.8%	2.0%	\$91,892.80	\$261,673.22	7.2%
Section XIX: Arms and Ammunition; Parts and Accessories Thereof								
93	Arms & Ammunition; Parts & Accessories Thereof	\$15.44	\$60.42	-44.9%	0.3%	\$5,626.53	\$16,314.13	6.7%
Section Totals		\$15.44	\$60.42	-44.9%	0.3%	\$5,626.53	\$16,314.13	6.7%
Section XX: Miscellaneous Manufactured Articles								
94	Furniture; Bedding Etc; Lamps Nesoi Etc; Prefabricated Buildings	\$475.69	\$1,637.79	-13.4%	4.4%	\$10,795.62	\$32,624.22	-0.2%
95	Toys, Games & Sport Equipment; Parts & Accessories	\$184.17	\$464.69	25.6%	2.7%	\$6,769.93	\$19,905.65	-2.0%
96	Miscellaneous Manufactured Articles	\$369.55	\$1,024.06	10.8%	14.5%	\$2,550.16	\$7,351.77	5.0%
Section Totals		\$1,029.41	\$3,126.54	0.0%	5.1%	\$20,115.71	\$59,881.64	-0.1%
Section XXI: Works of Art, Collectors' Pieces and Antiques								
97	Works Of Art, Collectors Pieces And Antiques	\$42.13	\$77.14	91.2%	0.3%	\$14,602.33	\$37,517.97	24.8%
Section Totals		\$42.13	\$77.14	91.2%	0.3%	\$14,602.33	\$37,517.97	24.8%
Section XXII: Special Classification Provisions								
98	Special Classification Provisions, Nesoi	\$977.47	\$2,525.21	12.6%	2.0%	\$48,159.94	\$130,727.79	13.5%
Section Totals		\$977.47	\$2,525.21	12.6%	2.0%	\$48,159.94	\$130,727.79	13.5%

Nesoi - Not elsewhere specified or indicated

Guide to Export Data

Prepared by the U.S. Department of Commerce, International Trade Administration

State Export Data (Origin state based)

The Census Bureau's Origin of Movement (OM) series is based on information supplied by U.S. exporters on official Shippers Export Declarations (SEDs) for goods leaving the United States. All statistics in the OM series are on a free-alongside-ship (f.a.s.) basis and include both domestic exports and re-exports.

The OM series seeks to measure state exports on the basis of transportation origin – i.e., the location from which exports begin their journey to the port (or other point) of exit from the United States.

The OM series covers exports of merchandise only. Exports of services are excluded from the data.

The OM series covers direct exports only. A direct export is one consisting of final goods shipped to a destination outside the United States. So-called indirect exports are excluded from the data. Indirect exports are typically intermediate goods, parts, or other inputs that are shipped within the United States, and subsequently incorporated in final export goods. Such shipments represent domestic transactions – they are not considered exports in U.S. trade statistics.

Cross-border shipments made by foreign affiliates of U.S. companies (e.g., a shipment from a French subsidiary to a German customer) are not U.S. exports. These transactions may affect the finances of U.S. firms and reflect a global business strategy, but they are not exports. Exports include only goods and services that are outbound from the United States and which transit its borders.

The OM series was not designed to measure the state distribution of U.S. export production or export-related jobs. The focus is transportation origin, not manufacturing origin.

There are nonetheless many cases when the state origin of movement and the state of production happen to be the same. The origin of movement and origin of production often coincide because many manufacturers ship exports directly from the factory gate or from a nearby distribution facility.

There is no listing of states for which the Origin of Movement series is a good proxy for export production. Additional research is needed in this area. As a general rule, however, it appears that the OM series is indicative of export production when (1) intermediaries are minor exporters in a state, (2) manufacturers – especially single-establishment firms – dominate exports, and (3) the state is a known producer of the goods being exported.

The OM series in some cases will show considerable manufactured exports from states known to have little manufacturing capability. This is partly attributable to export marketing by in-state intermediaries. These exporters frequently ship manufactures produced by out-of-state suppliers from in-state distribution centers. Another factor is shipments of manufactures from in-state warehouses and other distribution centers that are arranged by exporters located out of state. In both cases, manufactured exports from the non-industrial state are magnified on an origin-of-movement basis.

Another limitation of the OM series is that, in certain cases, it falls short of its goal of measuring transportation origin. The problem stems from the fact that many intermediaries have traditionally listed the state which they are located - which is not necessarily the origin of movement – as the “state of origin” on SEDs. For many other transactions, intermediaries specify the state location of the port of exit – which very often is not the state where goods began their export journey.

The result is significant inconsistencies in the state-level allocation of exports sold by intermediaries. The primary impact is on the state distribution of non-manufactured exports,

where intermediaries are overwhelmingly dominant. Most affected is the allocation of exports of farm products, minerals, and other bulk commodities – virtually all of which are sold abroad by intermediaries. The impact on manufactured exports is much more limited, due to the fact that intermediaries account for only about one-third of U.S. exports of manufactures.

The most visible result of the problem is a tendency to understate exports from agricultural states and inflate exports from states having ports that handle high-value shipments of farm products (e.g., Louisiana).

Yet another data issue is that some shippers fail to fill in the “state of origin” block on the SED, or furnish invalid or illegible entries. Consequently, the Census Bureau is presently unable to determine the state origin of movement for about five percent of the value of U.S. exports.

Metropolitan Export Data (ZIP code based)

All metropolitan export numbers were tabulated by matching the five-digit ZIP codes entered on the U.S. export declarations with the five-digit ZIP codes specified for each metropolitan area using concordance files from the Census Bureau’s Geography Division and the U.S. Postal Service.

In 2005, there were cases where two or more adjacent metro areas share the same five-digit ZIP code where it is impossible to assign export transactions for the ZIP code to any single metropolitan area. In such cases, export transactions for the ZIP code in question were assigned to a catch-all “crossovers” category. The crossovers category in 2005 accounted for about 2 percent of total merchandise exports. In 2006, the Office of Management and Budget eliminated this issue and assigned a single metropolitan area to each five-digit ZIP code.

Regarding comparability with other U.S. trade data, the export figures can be used in conjunction with the **OM-ZIP-based state-level data** issued by the U.S. Census Bureau. Using these data together it is possible to show Cleveland’s share of Ohio’s export sales.

For the metro areas for which it is possible to release some export data, disclosure regulations still limit or prevent the release of much detail on foreign markets and the industry composition of exports. Manufactured product detail, even for the largest exporting metropolitan area, is limited to broad three-digit NAICS categories. Information on market destinations, while generally more complete than data on product composition, is also subject to important disclosure-induced limitations.

For additional information on the Origin of Movement series, visit the Census Bureau’s website at <http://www.census.gov/foreign-trade/aip/elom.html> .