

# Ohio

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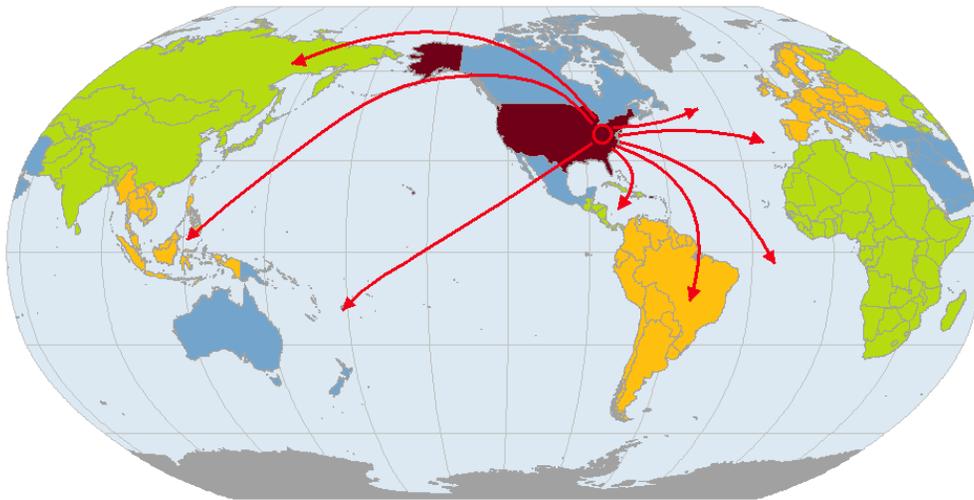
## Ohio Exports Report: 2015

February 2016



# **Ohio Exports 2015**

## **Origin of Movement Series**



**February 2015**

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# Ohio Exports 2015

## Executive Summary



Ohio merchandise exports were valued at \$50.7 billion in 2015, a decrease of 3.0 percent from 2014. By comparison, the United States experienced a decrease of 7.2 percent in exports since 2014.

### According to this report, in 2015:

- Ohio was the 8<sup>th</sup> largest exporting state.
- 215 countries and territories received exports from Ohio.
- 9 countries received over \$1 billion in Ohio exports.
- 42 of the 98 commodity groups recorded exports exceeding \$100 million with 10 surpassing \$1 billion.

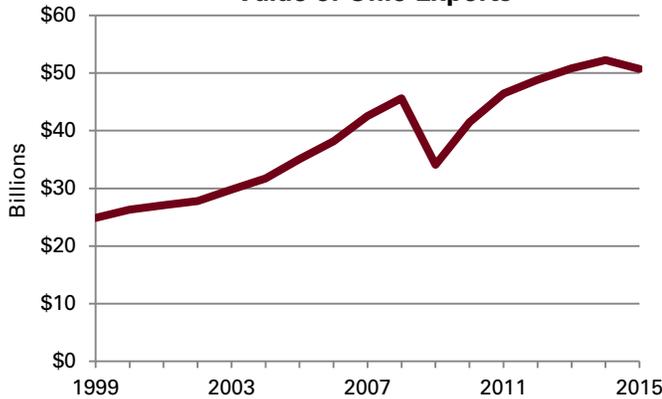
### Leading Destinations:

- Exports to Canada totaled \$20.1 billion, 40 percent of the state figure. By comparison, U.S. exports to Canada were 19 percent of the national total.
- Shipments to Mexico totaled \$6.5 billion, Ohio's second largest market, which was an increase of 8 percent from 2014.
- European countries accounted for 18 percent of Ohio's exports. The four largest markets were France (\$1.9 billion), United Kingdom (\$1.8 billion), Germany (\$1.5 billion), and The Netherlands (\$0.7 billion). Total shipments to Europe decreased 3 percent compared to 2014.
- Asian countries received 13 percent of Ohio's shipments. China was Ohio's third largest market at \$3.3 billion a decrease of 15 percent. Japan was Ohio's seventh largest market in 2015 at \$1.4 billion.
- Exports to Southeast Asia accounted for 6 percent (\$2.8 billion) of the state figure, an increase of 3 percent. Exports to South America and the Middle East both saw an annual decrease of 11 percent.

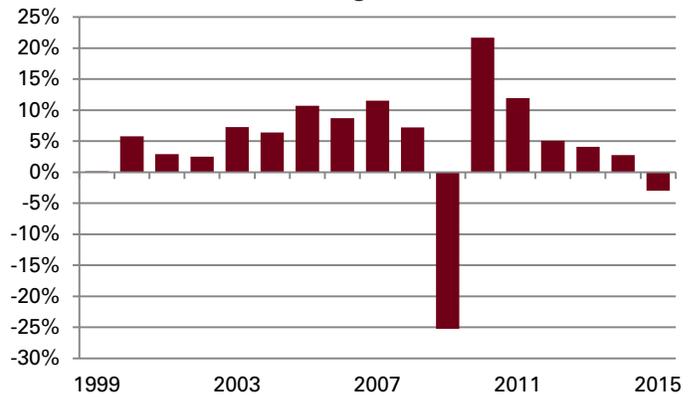
### Top Products:

- Machinery was Ohio's leading export (\$9.1 billion). Ohio was 4<sup>th</sup> among the 50 states in this category with 4.4 percent of the U.S. total.
- The top six categories (machinery, vehicles, aircraft, electrical machinery, plastics, and optics) accounted for 60 percent (\$30.3 billion) of the state total.
- Aircraft/Parts increased 12 percent from last year, the largest percentage increase of the top six categories. Electrical Machinery grew by 5 percent while Plastics and Optics grew slightly. Further down the list, Perfume/Cosmetics and Organic Chemicals had strong percentage gains though from a smaller base.

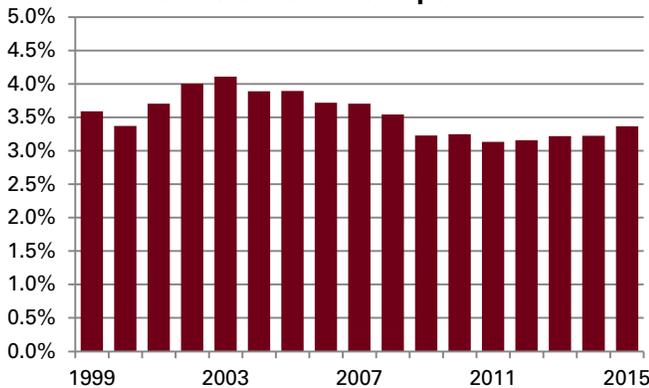
### Value of Ohio Exports



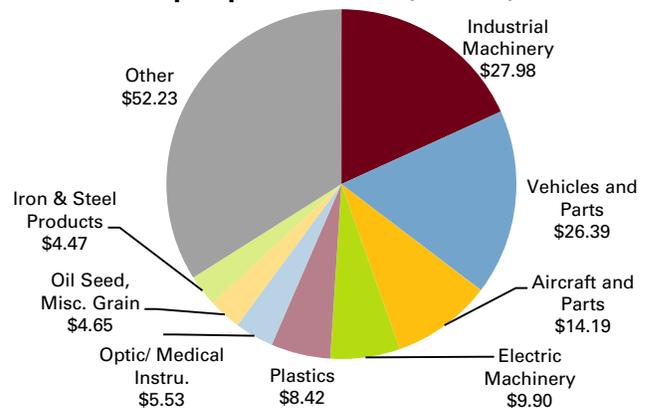
### Annual Change In Value



### Share of Total US Exports



### Top Exports 2013-15 (billions)



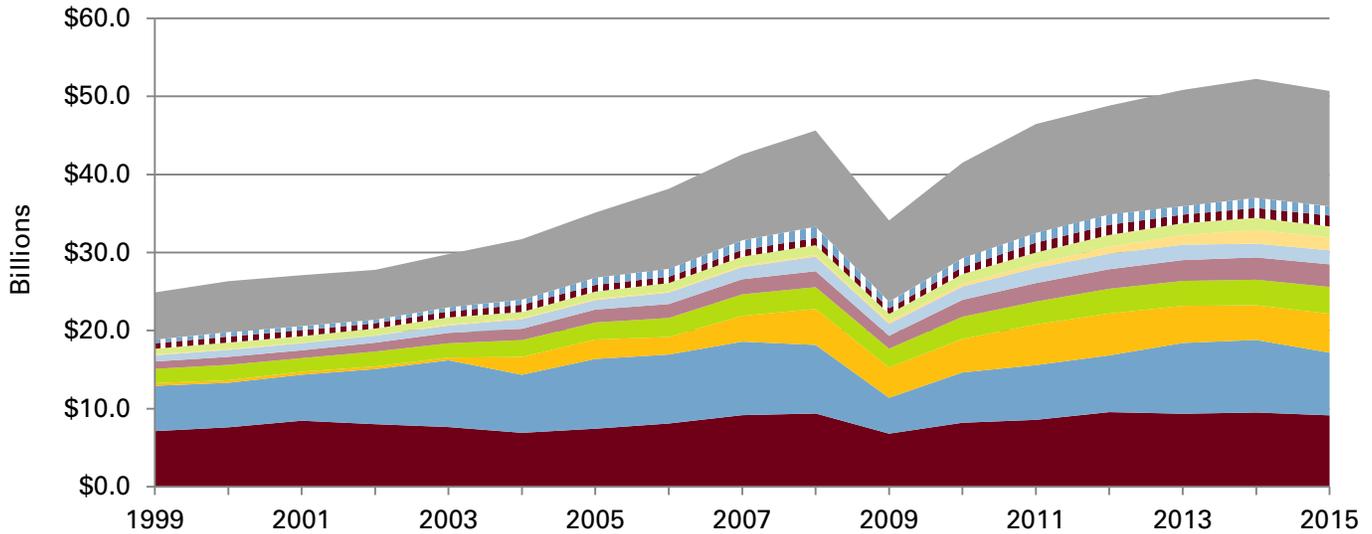
## Ohio's Top 20 Exported Commodities: 2015

Harmonized  
Schedule Code

	2013	2014	2015	% Chng. 14 to 15
<b>Total All Commodities</b>	<b>\$50,826,901,883</b>	<b>\$52,240,104,252</b>	<b>\$50,694,149,147</b>	<b>-3.0%</b>
84 Industrial Machinery, Including Computers	\$9,340,908,078	\$9,498,860,488	\$9,135,525,235	-3.8%
87 Vehicles and Parts	\$9,068,746,430	\$9,297,865,061	\$8,026,653,738	-13.7%
88 Aircraft; Spacecraft and Parts	\$4,752,447,330	\$4,444,623,265	\$4,988,588,853	12.2%
85 Electric Machinery; Sound Equip.; TV Equip.	\$3,196,681,341	\$3,268,175,508	\$3,435,106,201	5.1%
39 Plastics and Articles Thereof	\$2,665,229,381	\$2,860,378,097	\$2,895,962,967	1.2%
90 Optic, Photo; Medical Instruments	\$1,972,385,680	\$1,764,081,020	\$1,794,248,065	1.7%
12 Oil Seed, Miscellaneous Grain	\$1,245,967,934	\$1,748,268,038	\$1,657,816,479	-5.2%
73 Iron and Steel Products	\$1,489,108,607	\$1,560,103,087	\$1,420,367,884	-9.0%
40 Rubber and Articles Thereof	\$1,121,881,897	\$1,264,283,895	\$1,358,618,399	7.5%
72 Iron and Steel	\$1,084,332,842	\$1,296,328,525	\$1,201,187,785	-7.3%
38 Miscellaneous Chemical Products	\$1,098,482,422	\$1,085,910,745	\$948,930,883	-12.6%
33 Perfumery, Cosmetic, etc	\$822,803,464	\$806,640,948	\$940,157,008	16.6%
34 Soap, Waxes, etc; Dental Preparations	\$980,566,238	\$932,297,103	\$908,865,686	-2.5%
30 Pharmaceutical Products	\$955,571,497	\$947,458,752	\$898,947,782	-5.1%
29 Organic Chemicals	\$669,197,455	\$675,938,195	\$759,273,377	12.3%
48 Paper, Paperboard, Articles of Paper Pulp	\$626,812,256	\$616,067,365	\$630,375,203	2.3%
94 Furniture and Bedding	\$510,051,011	\$590,748,285	\$629,854,234	6.6%
32 Tanning, Dye, Paint, Putty	\$787,532,211	\$662,379,132	\$600,707,124	-9.3%
71 Precious Stones/Metals; Jewelry	\$342,206,176	\$562,245,532	\$520,398,665	-7.4%
82 Tools, Implements, Cutlery of Base Metals	\$497,800,171	\$503,694,857	\$506,123,657	0.5%
Multi Remaining commodities	\$7,598,189,462	\$7,853,756,354	\$7,436,439,922	-5.3%

# Ohio Exports

## Exported Products Over \$1 Billion Value: 2015



Harmonized Schedule Code		2015 Value	% of All Exports
84	Industrial Machinery, Incl. Computers	\$9,135,525,235	18.0%
87	Vehicles and Parts	\$8,026,653,738	15.8%
88	Aircraft; Spacecraft and Parts	\$4,988,588,853	9.8%
85	Electric Machinery; Sound/TV Equip.	\$3,435,106,201	6.8%
39	Plastics and Articles Thereof	\$2,895,962,967	5.7%
90	Optic, Photo; Medical Instruments	\$1,794,248,065	3.5%
12	Oil Seed, Miscellaneous Grain	\$1,657,816,479	3.3%
73	Iron and Steel Products	\$1,420,367,884	2.8%
40	Rubber and Articles Thereof	\$1,358,618,399	2.7%
72	Iron and Steel	\$1,201,187,785	2.4%
Multi	Remaining commodities	\$14,780,073,541	29.2%

### Top 10 Trading Partners - 2015

	2015 Value	Pct of 2015 Total
Total	\$50,694,149,147	
Canada	\$20,084,320,928	39.6%
Mexico	\$6,495,147,539	12.8%
China	\$3,314,482,735	6.5%
France	\$1,904,000,045	3.8%
United Kingdom	\$1,790,513,594	3.5%
Germany	\$1,492,291,232	2.9%
Japan	\$1,369,396,505	2.7%
Brazil	\$1,284,176,014	2.5%
Korea	\$1,062,767,395	2.1%
Australia	\$792,161,892	1.6%
Others	\$11,104,891,268	21.9%

### Top 10 Trading Partners - 2013 to 2015

	2013 to 2015 Value	Pct of 3-yr Total
Total	\$153,761,155,282	
Canada	\$60,975,527,594	39.7%
Mexico	\$17,518,382,043	11.4%
China	\$10,569,779,478	6.9%
France	\$5,314,420,463	3.5%
United Kingdom	\$5,163,823,580	3.4%
Germany	\$4,621,800,809	3.0%
Japan	\$4,278,883,918	2.8%
Brazil	\$4,210,896,889	2.7%
Korea	\$3,053,741,681	2.0%
Australia	\$2,457,914,726	1.6%
Others	\$35,595,984,101	23.2%

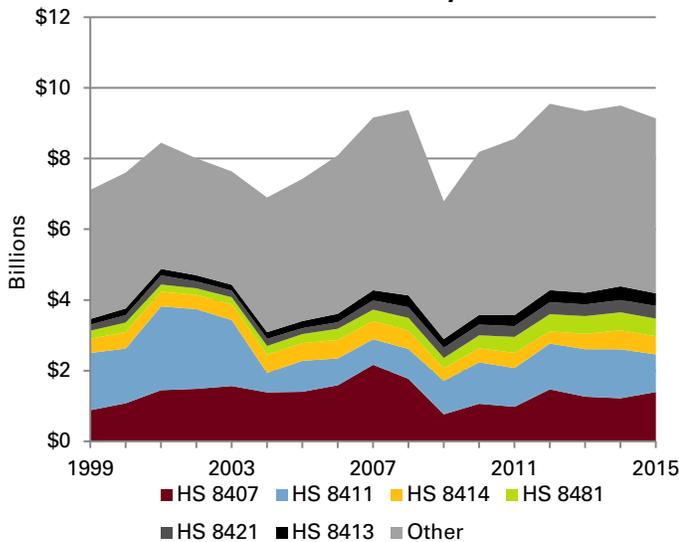
# Machinery, Including Computers (HS 84)



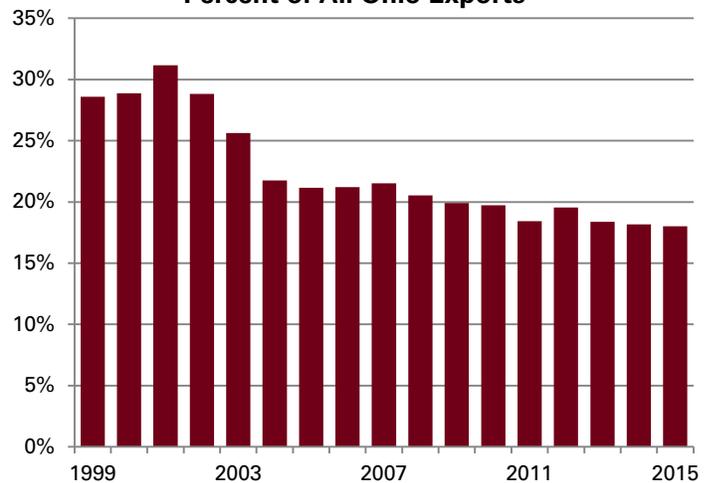
Harmonized  
Tariff Schedule

	2013	2014	2015	% Chng. 14 to 15
<b>TOTAL</b>	<b>\$9,340,908,078</b>	<b>\$9,498,860,488</b>	<b>\$9,135,525,235</b>	<b>-3.8%</b>
<b>8407</b> Spark Ignition; Piston Engines	\$1,266,265,183	\$1,221,529,132	\$1,398,322,370	14.5%
<b>8411</b> Turbojets and Other Gas Turbines, Parts	\$1,342,827,668	\$1,384,771,796	\$1,062,451,766	-23.3%
<b>8414</b> Air Related Pumps/Compressors	\$432,760,603	\$536,095,228	\$513,131,451	-4.3%
<b>8481</b> Taps, Cocks, Valves for Pipes, Tanks	\$502,489,390	\$509,746,946	\$498,645,322	-2.2%
<b>8421</b> Centrifuges/Filters for Liquid or Gases	\$329,868,393	\$349,490,259	\$358,771,807	2.7%
<b>8413</b> Liquid Pumps/Elevators	\$330,890,819	\$385,233,365	\$358,197,757	-7.0%
<b>8409</b> Parts for Engines of Heading 8407 or 8408	\$293,296,168	\$308,802,294	\$313,295,313	1.5%
<b>8483</b> Transmission Products	\$229,836,286	\$248,983,964	\$261,564,215	5.1%
<b>8479</b> Machines Having Individual Functions Nesoi	\$241,289,791	\$237,703,670	\$247,991,686	4.3%
<b>8466</b> Parts for Machine Tools of Head 8456 to 8465	\$220,850,733	\$256,605,383	\$236,387,939	-7.9%
<b>8477</b> Machinery for Working Rubber & Plastic Nesoi	\$208,459,633	\$243,588,603	\$234,796,888	-3.6%
<b>8415</b> Air Conditioning Machines	\$250,274,894	\$247,002,603	\$229,689,547	-7.0%
<b>8471</b> Automatic Data Process Machines	\$256,729,357	\$212,902,771	\$212,572,809	-0.2%
<b>8427</b> Fork-Lift Trucks/Trucks with Lifts	\$199,697,002	\$214,399,708	\$207,273,452	-3.3%
<b>8482</b> Ball or Roller Bearings	\$188,186,470	\$216,189,726	\$206,365,192	-4.5%
<b>8419</b> Machinery for Temperature Changing	\$211,370,453	\$208,858,432	\$203,728,177	-2.5%
<b>8431</b> Parts for Machinery of Headings 8425 to 8430	\$280,441,451	\$238,014,427	\$198,728,873	-16.5%
<b>8443</b> Printing Machinery Nesoi	\$196,768,929	\$193,443,143	\$189,066,542	-2.3%
<b>8450</b> Washing Machines	\$171,238,455	\$181,204,635	\$179,581,102	-0.9%
<b>Multi</b> Remaining commodities	\$2,187,366,400	\$2,104,294,403	\$2,024,963,027	-3.8%

**Value of Machinery**



**Percent of All Ohio Exports**



## Top 5 Trading Partners - 2015

	2015 Value	Pct of 2015 Total
Total	\$9,135,525,235	
Canada	\$3,405,042,116	37.3%
Mexico	\$1,196,371,373	13.1%
China	\$412,875,586	4.5%
Japan	\$291,851,666	3.2%
U.K.	\$264,845,928	2.9%
Others	\$3,564,538,566	39.0%

## Top 5 Trading Partners - 2013 to 2015

	2013 to 2015 Value	Pct of 3-yr Total
Total	\$27,975,293,801	
Canada	\$10,123,469,870	36.2%
Mexico	\$3,115,794,070	11.1%
China	\$1,510,451,979	5.4%
Japan	\$916,097,686	3.3%
Brazil	\$880,304,736	3.1%
Others	\$11,429,175,460	40.9%

Nesoi - Not elsewhere specified or indicated

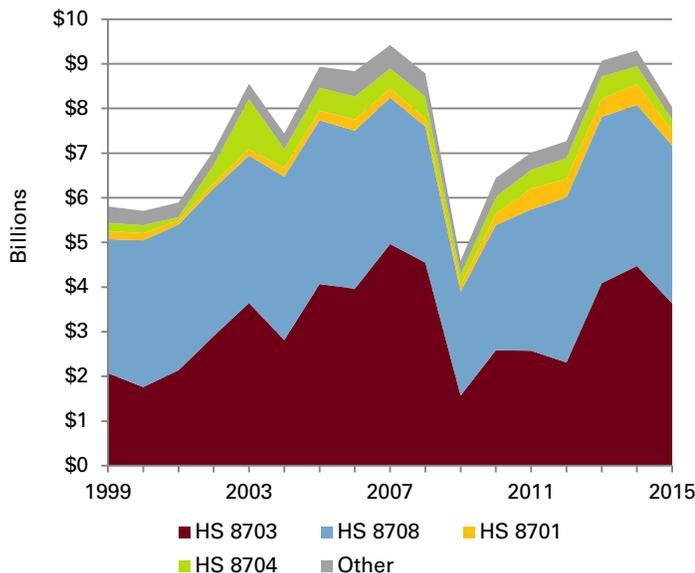
# Vehicles and Parts (HS 87)



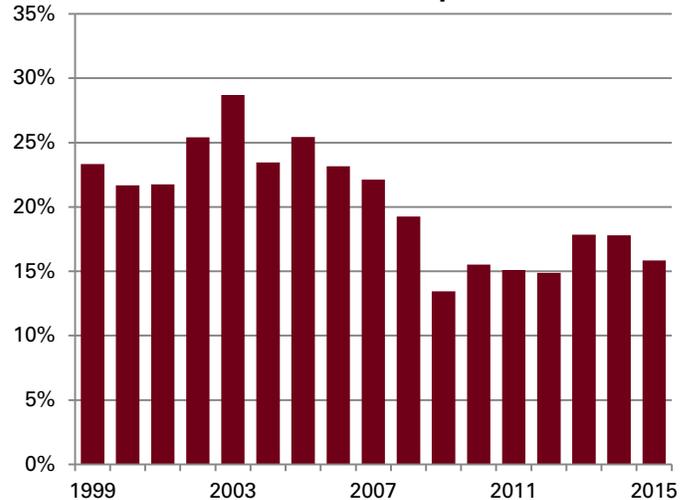
Harmonized  
Tariff Schedule

	2013	2014	2015	% Chng. 14 to 15
<b>TOTAL</b>	<b>\$9,068,746,430</b>	<b>\$9,297,865,061</b>	<b>\$8,026,653,738</b>	<b>-13.7%</b>
<b>8703</b> Passenger Cars & Vehicles	\$4,086,314,345	\$4,472,406,833	\$3,631,887,436	-18.8%
<b>8708</b> Parts & Accessories for Headings 8701-8705	\$3,723,551,603	\$3,605,997,368	\$3,535,273,875	-2.0%
<b>8701</b> Tractors	\$407,630,475	\$463,484,874	\$328,582,466	-29.1%
<b>8704</b> Motor Vehicles For Transport Of Goods	\$497,172,083	\$402,406,106	\$254,983,695	-36.6%
<b>8716</b> Trailers; Non-Mechanical	\$221,427,209	\$223,612,023	\$166,936,669	-25.3%
<b>8710</b> Tank & Other Armored Fight Vehicles	\$8,701,652	\$14,590,343	\$29,665,013	103.3%
<b>8705</b> Special Purpose Motor Vehicles Nesoi	\$35,717,079	\$28,144,251	\$22,648,207	-19.5%
<b>8714</b> Parts & Accessories for Motorcycles	\$12,490,982	\$14,439,571	\$15,705,194	8.8%
<b>8706</b> Chassis With Engine	\$5,815,750	\$14,830,691	\$11,039,101	-25.6%
<b>8711</b> Motorcycles	\$21,150,470	\$20,710,171	\$8,994,570	-56.6%
<b>8702</b> Transport Vehicles for > Ten Persons	\$20,277,038	\$14,662,936	\$7,026,635	-52.1%
<b>8707</b> Bodies for Specif Motor Vehicles	\$10,876,157	\$7,155,158	\$5,612,269	-21.6%
<b>8713</b> Carriages For Disabled Persons	\$4,272,049	\$4,722,437	\$3,360,389	-28.8%
<b>8712</b> Bicycles & Other Cycles with No Motor	\$4,907,299	\$1,791,028	\$2,465,243	37.6%
<b>8709</b> Various Work-Related Vehicles	\$7,871,161	\$8,489,358	\$2,150,446	-74.7%
<b>8715</b> Baby Carriages/Strollers	\$571,078	\$421,913	\$322,530	-23.6%

**Value of Vehicles and Parts**



**Percent of All Ohio Exports**



## Top 5 Trading Partners - 2015

	2015 Value	Pct of 2015 Total
Total	\$8,026,653,738	
Canada	\$5,158,401,118	64.3%
Mexico	\$1,335,723,066	16.6%
Japan	\$131,771,765	1.6%
Brazil	\$131,275,905	1.6%
U.K.	\$124,837,688	1.6%
Others	\$1,144,644,196	14.3%

## Top 5 Trading Partners - 2013 to 2015

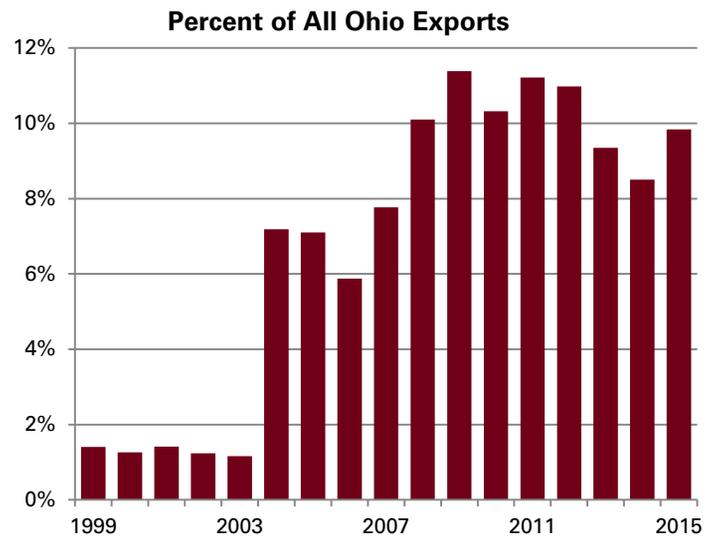
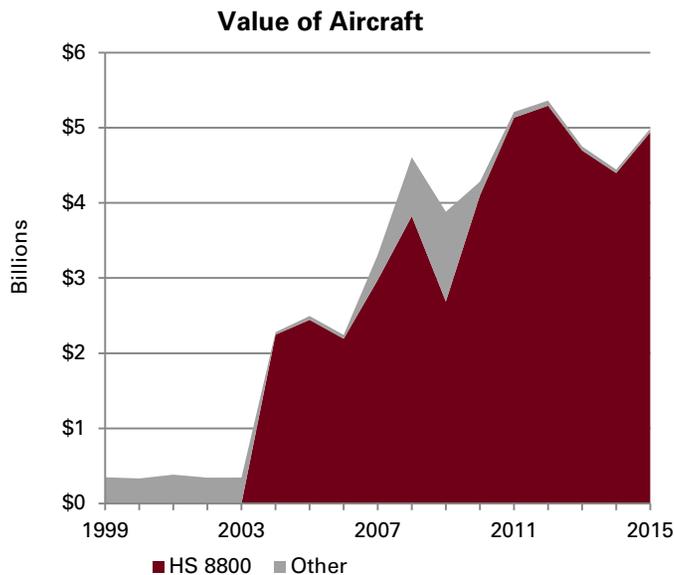
	2013 to 2015 Value	Pct of 3-yr Total
Total	\$26,393,265,229	
Canada	\$15,743,613,307	59.7%
Mexico	\$3,857,357,541	14.6%
Saudi Arabia	\$545,851,797	2.1%
Russia	\$540,185,913	2.0%
China	\$495,442,471	1.9%
Others	\$5,210,814,200	19.7%

Nesoi - Not elsewhere specified or indicated

# Aircraft; Spacecraft & Parts (HS 88)



Harmonized Tariff Schedule		2013	2014	2015	% Chng. 14 to 15
	<b>TOTAL</b>	<b>\$4,752,447,330</b>	<b>\$4,444,623,265</b>	<b>\$4,988,588,853</b>	<b>12.2%</b>
<b>8800</b>	Civilian Aircraft, Engines, And Parts	\$4,699,015,177	\$4,398,111,694	\$4,940,144,367	12.3%
<b>8803</b>	Parts of Balloons, Aircraft, Spacecraft	\$52,442,276	\$46,366,373	\$48,399,978	4.4%
<b>8805</b>	Aircraft Launch Gear; Deck-Arrestor Gear	\$969,655	\$94,388	\$35,023	-62.9%
<b>8804</b>	Parachutes	\$20,222	\$50,810	\$9,485	-81.3%
<b>8802</b>	Aircraft, Powered; Spacecraft/Launch Veh.	\$0	\$0	\$0	n.a.
<b>8801</b>	Balloons/Dirigibles; Gliders	\$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 - 2015

	2015 Value	Pct of 2015 Total
Total	\$4,988,588,853	
France	\$1,296,276,394	26.0%
Canada	\$554,896,991	11.1%
Brazil	\$451,324,298	9.0%
United Kingdom	\$413,190,076	8.3%
China	\$374,913,802	7.5%
Others	\$1,897,987,292	38.0%

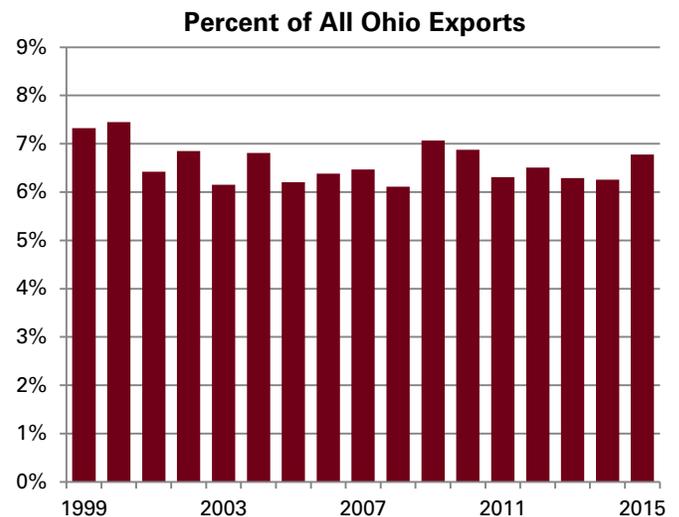
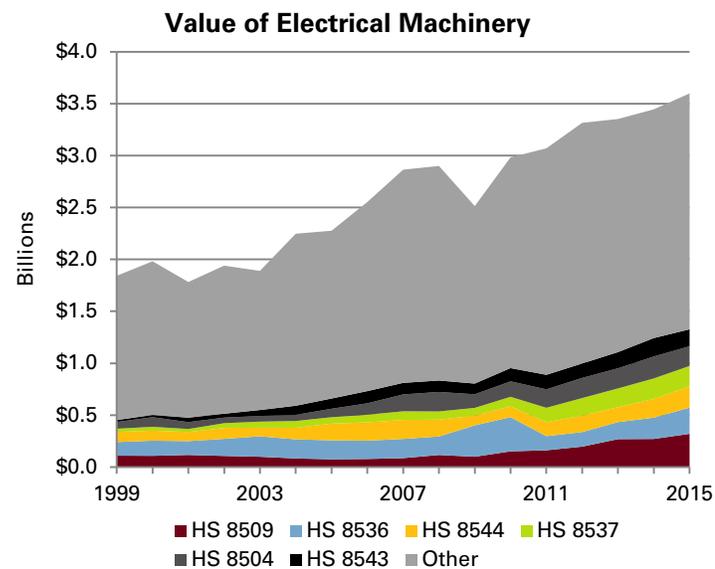
## Top 5 Trading Partners - 2013 to 2015

	2013 to 2015 Value	Pct of 3-yr Total
Total	\$14,185,659,448	
France	\$3,305,937,936	23.3%
Canada	\$1,575,113,518	11.1%
Brazil	\$1,458,722,869	10.3%
United Kingdom	\$1,361,067,920	9.6%
China	\$1,017,991,004	7.2%
Others	\$5,466,826,201	38.5%

# Electrical Machinery (HS 85)



Harmonized Tariff Schedule		2013	2014	2015	% Chng. 14 to 15
<b>TOTAL</b>		<b>\$3,196,681,341</b>	<b>\$3,268,175,508</b>	<b>\$3,435,106,201</b>	<b>5.1%</b>
<b>8509</b>	Electro-Mechanical Domestic Appliances	\$268,915,472	\$270,779,748	\$320,197,631	18.3%
<b>8536</b>	Apparatus for Switching (fuses,relays,plugs)	\$164,190,394	\$205,168,813	\$252,288,224	23.0%
<b>8544</b>	Insulated Wire, Cable, Optical Fiber Cables	\$144,187,414	\$180,178,031	\$205,947,157	14.3%
<b>8537</b>	Boards, Panels, Consoles, Electrical Switches	\$180,217,140	\$197,524,693	\$195,554,426	-1.0%
<b>8504</b>	Electrical Transformers, Converters, Inductors	\$193,836,507	\$211,434,017	\$189,256,166	-10.5%
<b>8543</b>	Elec. machines with Individual Functions Nesoi	\$155,844,454	\$177,342,981	\$163,655,490	-7.7%
<b>8526</b>	Radar Appar./Radio Navig. Aid/Remote Control	\$172,796,490	\$165,692,677	\$144,574,374	-12.7%
<b>8512</b>	Light Equip./Wipers/Defrosters for Vehicles	\$95,431,207	\$99,699,334	\$135,469,545	35.9%
<b>8525</b>	Transceivers, etc; TV Cameras, Digital Cameras	\$21,722,945	\$144,464,732	\$135,446,662	-6.2%
<b>8517</b>	Apparatus for Telephony (wired or wireless)	\$155,894,259	\$116,658,429	\$132,950,534	14.0%
<b>8507</b>	Electric Storage Batteries, Including Separators	\$131,195,226	\$134,589,397	\$118,614,570	-11.9%
<b>8515</b>	Electric, Laser or Other Light or Photon Beam	\$127,576,172	\$109,065,389	\$112,550,156	3.2%
<b>8501</b>	Electric Motors And Generators	\$98,749,423	\$104,152,744	\$111,484,154	7.0%
<b>8529</b>	Parts for Television, Radio, Radar Apparatus	\$90,048,848	\$86,102,244	\$109,475,799	27.1%
<b>8538</b>	Parts for Headings 8535, 8536 & 8537	\$76,759,477	\$88,509,288	\$96,375,878	8.9%
<b>8506</b>	Primary Cells & Batteries	\$114,246,941	\$89,699,820	\$93,316,833	4.0%
<b>8511</b>	Electric Ignition Equipment	\$133,389,233	\$99,426,267	\$89,913,801	-9.6%
<b>8541</b>	Semiconductor Devices; Light-Emit Diodes Etc	\$27,392,982	\$47,572,313	\$87,402,791	83.7%
<b>8531</b>	Elec. Sound/Visual Signaling Apparatus (alarms)	\$59,720,553	\$78,111,913	\$83,129,045	6.4%
<b>Multi</b>	Remaining commodities	\$784,566,204	\$662,002,678	\$657,502,965	-0.7%



## Top 5 Trading Partners - 2015

	2015 Value	Pct of 2015 Total
Total	\$3,435,106,201	
Canada	\$1,105,698,949	32.2%
Mexico	\$652,154,655	19.0%
China	\$225,042,151	6.6%
Brazil	\$124,674,655	3.6%
Belgium	\$112,536,670	3.3%
Others	\$1,214,999,121	35.4%

## Top 5 Trading Partners - 2013 to 2015

	2013 to 2015 Value	Pct of 3-yr Total
Total	\$9,899,963,050	
Canada	\$3,556,913,822	35.9%
Mexico	\$1,468,825,768	14.8%
China	\$715,280,568	7.2%
Brazil	\$315,749,990	3.2%
Netherlands	\$297,679,178	3.0%
Others	\$3,545,513,724	35.8%

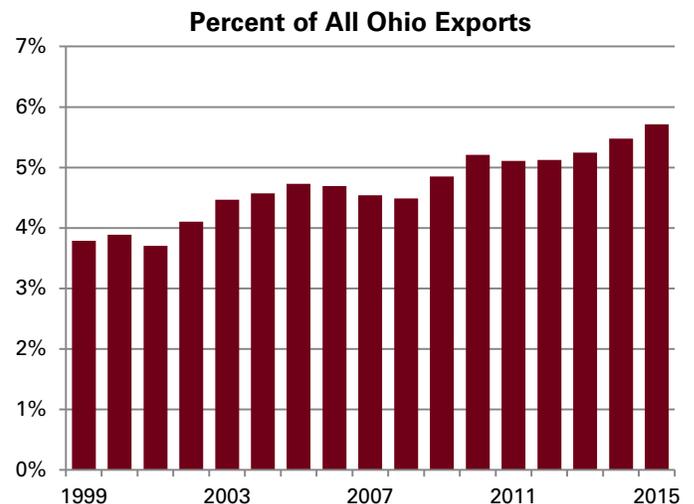
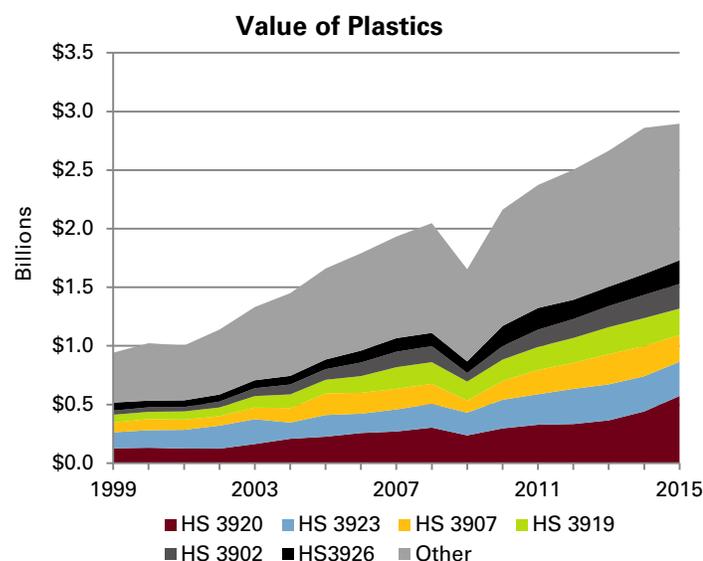
Nesoi - Not elsewhere specified or indicated

# Plastics & Articles Thereof (HS 39)



Harmonized  
Tariff Schedule

		2013	2014	2015	% Chng. 14 to 15
<b>TOTAL</b>		<b>\$2,665,229,381</b>	<b>\$2,860,378,097</b>	<b>\$2,895,962,967</b>	<b>1.2%</b>
<b>3920</b>	Plates, Sheets, Film Not Supported/Combined	\$364,682,354	\$440,777,601	\$572,914,065	30.0%
<b>3923</b>	Containers (Boxes, Bags Etc), Closurers	\$307,357,150	\$300,420,024	\$291,901,216	-2.8%
<b>3907</b>	Polyethers/Expoxides/Polyesters in primary forms	\$257,034,208	\$258,785,228	\$227,315,661	-12.2%
<b>3919</b>	Self-Adhesive Plates, Sheets, Film Etc	\$230,884,490	\$237,211,984	\$226,125,511	-4.7%
<b>3902</b>	Polymers Of Propylene/Olefins in primary form	\$179,763,341	\$197,709,860	\$210,705,920	6.6%
<b>3926</b>	Articles Of Plastics (Inc Polymers & Resins) Nesoi	\$165,519,646	\$178,522,948	\$201,919,958	13.1%
<b>3904</b>	Polymers Of Vinyl Chloride Etc. in primary form	\$171,711,836	\$146,956,806	\$144,407,815	-1.7%
<b>3906</b>	Acrylic Polymers in primary form	\$116,878,159	\$122,981,637	\$133,183,356	8.3%
<b>3921</b>	Plates, Sheets, Film, Foil & Strip Nesoi	\$111,939,425	\$128,676,898	\$131,271,640	2.0%
<b>3909</b>	Amino-Resins/Phenolics/Polyurethanes, prim form	\$103,322,573	\$119,941,913	\$130,548,843	8.8%
<b>3903</b>	Polymers Of Styrene in primary form	\$144,640,470	\$152,019,645	\$127,241,233	-16.3%
<b>3917</b>	Tubes, Pipes & Hoses & Their Fittings	\$92,924,998	\$90,196,494	\$104,156,329	15.5%
<b>3924</b>	Tableware & Other Household Articles Etc	\$68,573,937	\$85,226,225	\$70,136,739	-17.7%
<b>3911</b>	Petro Resins, Polysulfides Nesoi in primary form	\$52,594,214	\$102,567,919	\$57,008,249	-44.4%
<b>3901</b>	Polymers Of Ethylene in primary form	\$51,725,180	\$52,848,408	\$52,661,280	-0.4%
<b>3915</b>	Waste, Parings And Scrap of Plastics	\$40,179,825	\$53,245,571	\$47,955,328	-9.9%
<b>3925</b>	Builders Ware (doors, shutters, blinds), Nesoi	\$44,434,591	\$39,075,111	\$42,708,830	9.3%
<b>3908</b>	Polyamides in primary form	\$37,381,939	\$37,894,407	\$36,465,328	-3.8%
<b>3910</b>	Silicones, In Primary Forms	\$30,073,593	\$30,242,381	\$29,837,823	-1.3%
<b>Multi</b>	Remaining commodities	\$93,607,452	\$85,077,037	\$57,497,843	-32.4%



## Top 5 Trading Partners - 2015

	2015 Value	Pct of 2015 Total
Total	\$2,895,962,967	
Canada	\$995,339,887	34.4%
Mexico	\$563,007,280	19.4%
China	\$282,756,804	9.8%
Taiwan	\$118,884,767	4.1%
Germany	\$99,922,879	3.5%
Others	\$836,051,350	28.9%

## Top 5 Trading Partners - 2013 to 2015

	2013 to 2015 Value	Pct of 3-yr Total
Total	\$8,421,570,445	
Canada	\$3,100,193,327	36.8%
Mexico	\$1,560,758,592	18.5%
China	\$698,205,262	8.3%
Taiwan	\$306,808,083	3.6%
Belgium	\$268,948,789	3.2%
Others	\$2,486,656,392	29.5%

Nesoi - Not elsewhere specified or indicated

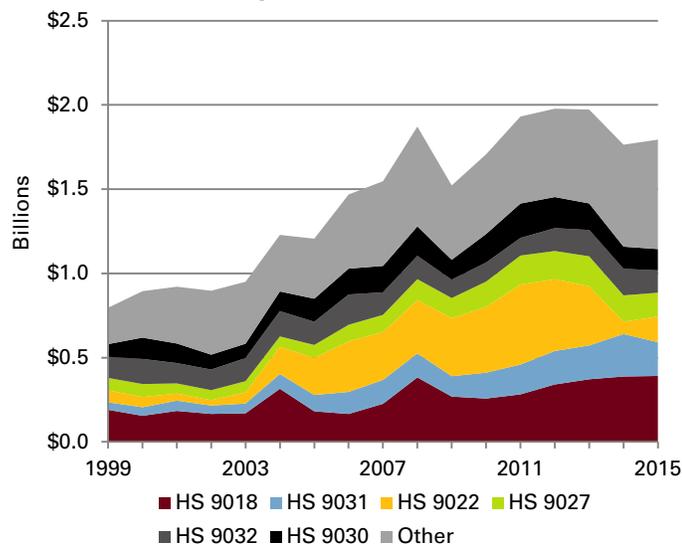
# Optic, Photo; Medical Instruments (HS 90)



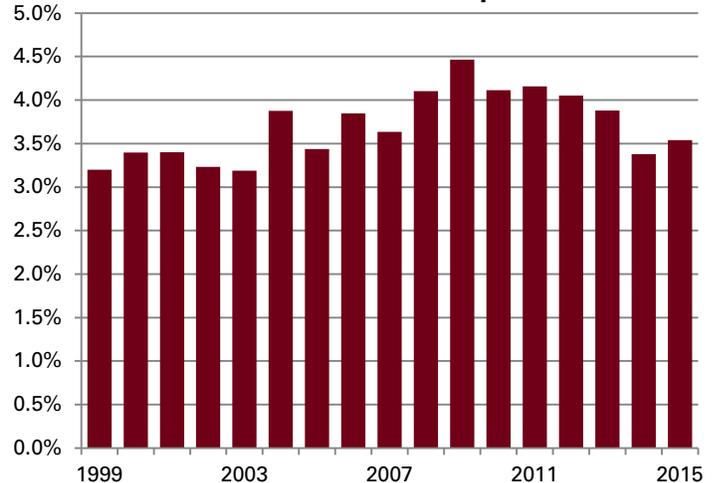
Harmonized  
Tariff Schedule

		2013	2014	2015	% Chng. 14 to 15
<b>TOTAL</b>		<b>\$1,972,385,680</b>	<b>\$1,764,081,020</b>	<b>\$1,794,248,065</b>	<b>1.7%</b>
<b>9018</b>	Medical, Surgical, Dental or Vet Instruments	\$371,822,499	\$388,298,885	\$391,654,475	0.9%
<b>9031</b>	Measuring or Checking Instruments Nesoi	\$200,783,310	\$251,943,183	\$200,341,917	-20.5%
<b>9022</b>	X-Ray Etc Apparatus; Tubes, Panels, Screen etc	\$351,385,869	\$73,265,335	\$152,222,525	107.8%
<b>9027</b>	Instru./Apparatus for Physical/Chemical Analysis	\$177,683,432	\$156,180,232	\$141,389,556	-9.5%
<b>9032</b>	Automatic Regulating or Control Instruments	\$156,326,426	\$157,630,327	\$132,531,468	-15.9%
<b>9030</b>	Oscilloscopes, Spectrum Analyzers etc	\$157,580,718	\$131,770,315	\$126,475,558	-4.0%
<b>9014</b>	Compasses and Navigation Instruments	\$37,995,116	\$37,017,672	\$89,852,238	142.7%
<b>9026</b>	Instruments for Measuring Liquids and Gases	\$74,358,362	\$107,989,553	\$87,228,091	-19.2%
<b>9015</b>	Survey/Hydro./ Meteorological Instruments	\$95,143,745	\$91,328,689	\$82,115,630	-10.1%
<b>9029</b>	Revolution/Production Counters, Odometers etc	\$63,724,135	\$66,295,419	\$74,280,818	12.0%
<b>9001</b>	Optic Fibers; Polarizing Sheets; Optic Elements	\$71,445,673	\$54,670,200	\$60,081,319	9.9%
<b>9021</b>	Orthopedic Appliances; Artificial Body Parts; etc	\$40,038,979	\$42,908,446	\$48,766,416	13.7%
<b>9024</b>	Machines for Testing Mechanical Properties	\$39,240,535	\$43,669,834	\$35,978,329	-17.6%
<b>9025</b>	Hydrometers, Thermometers, Pyrometers etc	\$22,782,785	\$31,149,309	\$35,438,356	13.8%
<b>9013</b>	Liquid Crystal Devices Nesoi; Lasers	\$12,137,628	\$20,470,751	\$29,737,726	45.3%
<b>9023</b>	Instruments/Models for Demonstrational Use	\$24,391,890	\$20,666,803	\$29,606,994	43.3%
<b>9004</b>	Spectacles, Goggles etc, Corrective/Protective	\$18,226,756	\$25,126,615	\$14,092,131	-43.9%
<b>9019</b>	Mechanical, Respiration Therapy Appliances	\$11,462,659	\$13,572,828	\$13,029,289	-4.0%
<b>Multi</b>	Remaining commodities	\$45,855,163	\$50,126,624	\$49,425,229	-1.4%

Value of Optic/Photo/Med. Instruments



Percent of All Ohio Exports



Top 5 Trading Partners - 2015

	2015 Value	Pct of 2015 Total
Total	\$1,794,248,065	
Canada	\$357,412,792	19.9%
China	\$229,304,133	12.8%
Germany	\$118,265,799	6.6%
Mexico	\$103,024,421	5.7%
Brazil	\$94,337,453	5.3%
Others	\$891,903,467	49.7%

Top 5 Trading Partners - 2013 to 2015

	2013 to 2015 Value	Pct of 3-yr Total
Total	\$5,530,714,765	
Canada	\$1,104,158,317	20.0%
China	\$726,932,948	13.1%
Germany	\$362,464,672	6.6%
Mexico	\$303,213,133	5.5%
Japan	\$293,650,241	5.3%
Others	\$2,740,295,454	49.5%

Nesoi - Not elsewhere specified or indicated

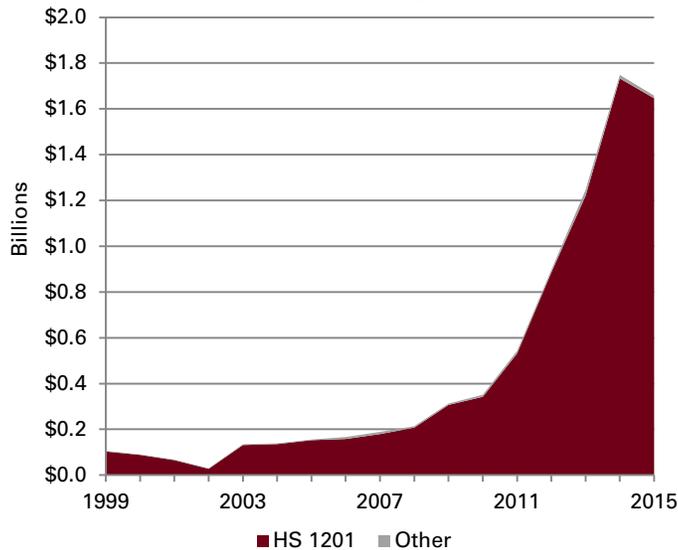
# Oil Seed, Misc. Grain, Fruit (HS 12)



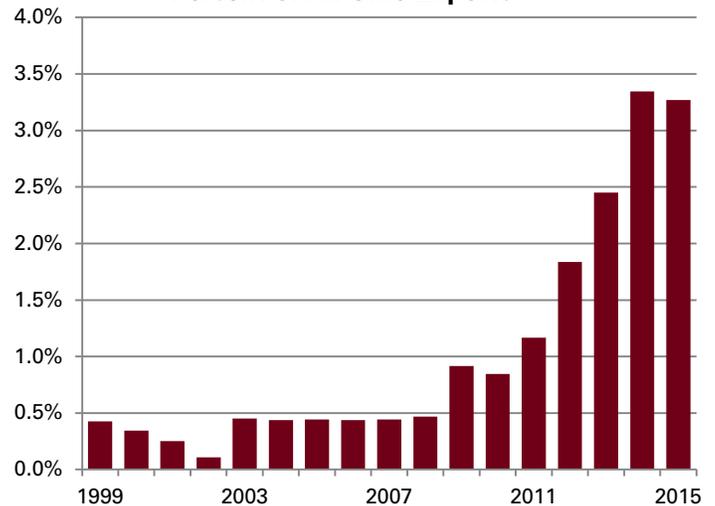
Harmonized  
Tariff Schedule

	2013	2014	2015	% Chng. 14 to 15
<b>TOTAL</b>	<b>\$1,245,967,934</b>	<b>\$1,748,268,038</b>	<b>\$1,657,816,479</b>	<b>-5.2%</b>
<b>1201</b> Soybeans, Whether or Not Broken	\$1,220,381,017	\$1,732,695,509	\$1,646,049,662	-5.0%
<b>1209</b> Seeds, Fruit And Spores, For Sowing	\$6,466,962	\$3,431,985	\$4,449,566	29.6%
<b>1211</b> Plants etc for Pharmacy, Perfume, Insecticides	\$6,665,858	\$9,974,599	\$3,425,090	-65.7%
<b>1208</b> Flour & Meal Of Oil Seed (no mustard seed)	\$10,998,276	\$231,695	\$2,706,388	1068.1%
<b>1207</b> Oil Seeds & Oleaginous Fruits Nesoi, Broken/Not	\$284,203	\$451,134	\$487,100	8.0%
<b>1214</b> Rutabagas, Hay, Clover & Other Forage Products	\$276,084	\$476,722	\$410,043	-14.0%
<b>1210</b> Hop Cones, Fresh or Dried; Lupulin	\$61,099	\$103,181	\$141,663	37.3%
<b>1206</b> Sunflower Seeds, Whether or Not Broken	\$618,424	\$53,531	\$59,317	10.8%
<b>1205</b> Rape or Colza Seeds, Whether or Not Broken	\$16,893	\$0	\$25,713	n.a.
<b>1204</b> Flaxseed (Linseed), Whether or Not Broken	\$0	\$11,479	\$22,237	93.7%
<b>1202</b> Peanuts (Ground-Nuts), Raw	\$121,375	\$171,159	\$20,868	-87.8%
<b>1212</b> Locust Beans, Sugar Beet; Fruit Pits Etc.	\$73,123	\$657,804	\$18,832	-97.1%
<b>1213</b> Cereal Straw & Husks Unprepared	\$4,620	\$9,240	\$0	-100.0%

Value of Oil Seeds, etc.



Percent of All Ohio Exports



## Top 5 Trading Partners - 2015

	2015 Value	Pct of 2015 Total
Total	\$1,657,816,479	
China	\$662,148,354	39.9%
Bangladesh	\$252,509,710	15.2%
Mexico	\$145,539,138	8.8%
Japan	\$116,876,529	7.1%
Taiwan	\$96,163,666	5.8%
Others	\$384,579,082	23.2%

## Top 5 Trading Partners - 2013 to 2015

	2013 to 2015 Value	Pct of 3-yr Total
Total	\$4,652,052,451	
China	\$2,215,042,252	47.6%
Bangladesh	\$333,003,713	7.2%
Japan	\$328,992,343	7.1%
Mexico	\$242,071,723	5.2%
Russia	\$188,450,336	4.1%
Others	\$1,344,492,084	28.9%

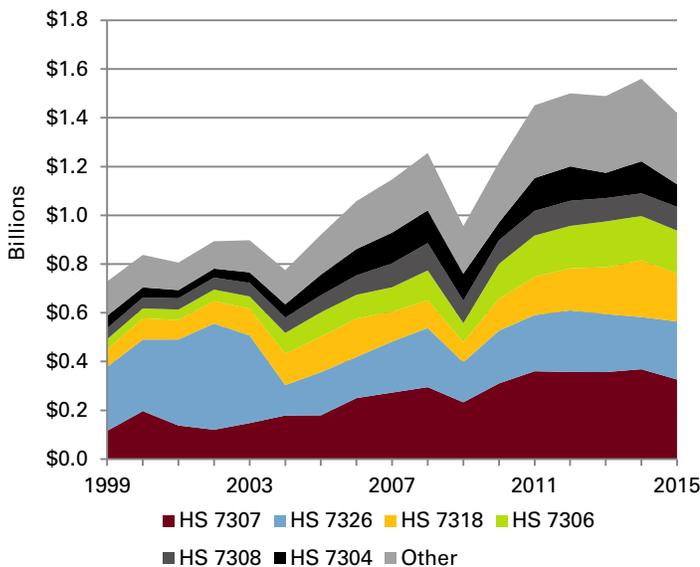
# Iron And Steel Products (HS 73)



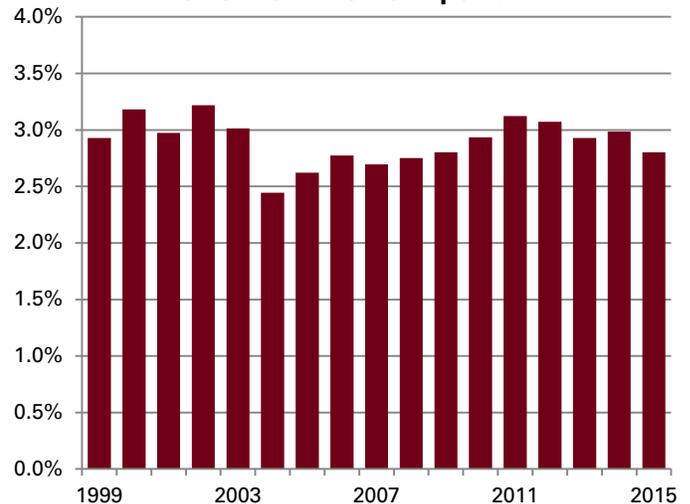
Harmonized  
Tariff Schedule

	2013	2014	2015	% Chng. 14 to 15
<b>TOTAL</b>	<b>\$1,489,108,607</b>	<b>\$1,560,103,087</b>	<b>\$1,420,367,884</b>	<b>-9.0%</b>
<b>7307</b> Tube Or Pipe Fittings	\$356,734,231	\$368,400,631	\$326,100,172	-11.5%
<b>7326</b> Articles Of Iron Or Steel, Nesoi	\$237,968,460	\$214,187,832	\$238,305,054	11.3%
<b>7318</b> Screws, Bolts, Nuts, Washers Etc	\$192,099,365	\$233,001,087	\$197,406,682	-15.3%
<b>7306</b> Tubes, Pipes & Hollow Profiles Nesoi	\$188,054,409	\$181,465,275	\$175,426,565	-3.3%
<b>7308</b> Structures Nesoi & Parts Thereof	\$95,718,207	\$92,888,785	\$97,527,820	5.0%
<b>7304</b> Tubes, Pipes Etc, Seamless	\$103,617,494	\$131,472,842	\$92,621,005	-29.6%
<b>7310</b> Tanks Etc, <= 300 Liter Capacity	\$45,808,354	\$58,994,281	\$51,568,311	-12.6%
<b>7320</b> Springs & Leaves For Springs	\$59,864,733	\$61,422,027	\$49,416,290	-19.5%
<b>7311</b> Containers for Compressed Liquified Gas	\$42,958,295	\$38,057,165	\$38,964,486	2.4%
<b>7301</b> Sheet Piling, Welded Angles Etc	\$42,293,002	\$44,114,672	\$38,889,400	-11.8%
<b>7303</b> Tubes, Pipes And Hollow Profiles Of Cast Iron	\$13,189,984	\$14,775,141	\$17,148,791	16.1%
<b>7312</b> Stranded Wire, Ropes Etc, Not Elec. Insulated	\$14,732,837	\$23,589,872	\$15,608,269	-33.8%
<b>7325</b> Cast Articles Nesoi	\$19,469,876	\$19,571,949	\$15,327,933	-21.7%
<b>7315</b> Chain & Parts	\$14,422,040	\$15,311,682	\$13,108,886	-14.4%
<b>7309</b> Tanks Etc, Over 300 Liter Capacity	\$13,091,689	\$12,408,397	\$10,158,163	-18.1%
<b>7324</b> Sanitary Ware (sinks/baths) & Parts	\$10,620,722	\$9,395,168	\$8,349,817	-11.1%
<b>7302</b> Railway Track Construction Material	\$10,106,587	\$11,609,479	\$6,935,372	-40.3%
<b>7323</b> Table, Kitchen, Household Articles	\$9,322,887	\$8,871,620	\$6,835,062	-23.0%
<b>7314</b> Cloth, Grill, Netting, Fencing, Etc; Of Iron Or Steel	\$4,067,645	\$5,477,184	\$6,155,022	12.4%
<b>Multi</b> Remaining commodities	\$14,967,790	\$15,087,998	\$14,514,784	-3.8%

Value of Iron/Steel Products



Percent of All Ohio Exports



## Top 5 Trading Partners - 2015

	2015 Value	Pct of 2015 Total
Total	\$1,420,367,884	
Canada	\$574,531,990	40.4%
Mexico	\$250,046,565	17.6%
Switzerland	\$73,689,749	5.2%
Japan	\$61,211,424	4.3%
China	\$54,114,473	3.8%
Others	\$406,773,683	28.6%

## Top 5 Trading Partners - 2013 to 2015

	2013 to 2015 Value	Pct of 3-yr Total
Total	\$4,469,579,578	
Canada	\$1,969,433,075	44.1%
Mexico	\$672,992,138	15.1%
Switzerland	\$211,850,438	4.7%
Japan	\$178,600,307	4.0%
China	\$152,803,557	3.4%
Others	\$1,283,900,063	28.7%

Nesoi - Not elsewhere specified or indicated

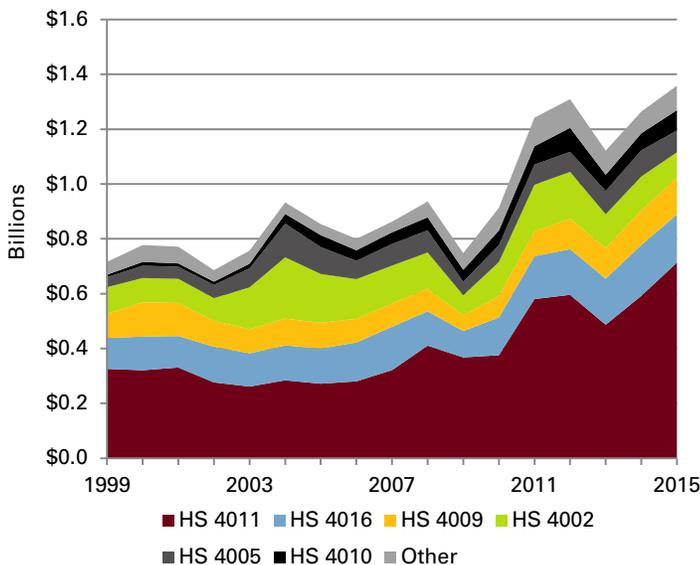
# Rubber & Articles Thereof (HS 40)



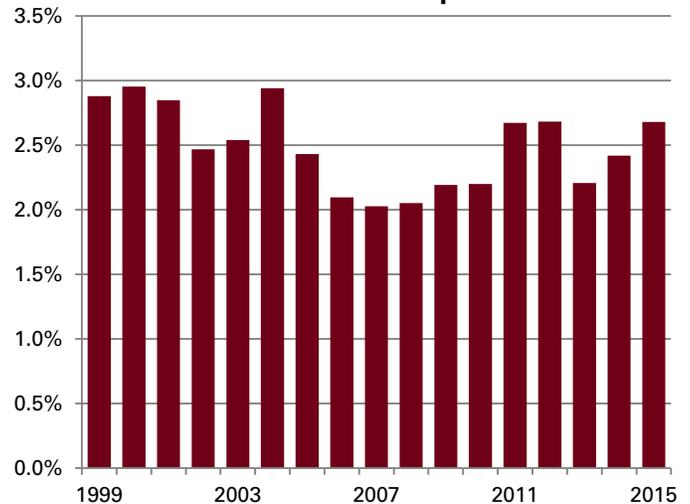
Harmonized  
Tariff Schedule

	2013	2014	2015	% Chng. 14 to 15
<b>TOTAL</b>	<b>\$1,121,881,897</b>	<b>\$1,264,283,895</b>	<b>\$1,358,618,399</b>	<b>7.5%</b>
<b>4011</b> New Pneumatic Tires, of Rubber	\$486,770,724	\$592,324,391	\$713,707,434	20.5%
<b>4016</b> Articles Nesoi of Unhard Vulcanized Rubber	\$168,181,339	\$185,621,097	\$175,589,764	-5.4%
<b>4009</b> Tubes/Pipes/Hoses of Unhard Vulcanized Rubber	\$111,356,113	\$125,554,226	\$134,442,093	7.1%
<b>4002</b> Synthetic Rubber/Factice, primary forms etc	\$123,257,651	\$123,998,476	\$92,134,853	-25.7%
<b>4005</b> Compounded Rubber, Unvulcanized, prim. forms	\$85,458,833	\$95,677,161	\$79,391,220	-17.0%
<b>4010</b> Conveyor/Transmission Belts of Vulcan. Rubber	\$58,860,075	\$61,872,500	\$74,199,580	19.9%
<b>4008</b> Plates/Sheets/Profile Shapes, Soft Vulc. Rubber	\$46,401,505	\$49,234,119	\$50,216,685	2.0%
<b>4012</b> Retread/Used Pneumatic Tires, Solid Tires etc,	\$3,423,553	\$4,208,869	\$16,335,987	288.1%
<b>4006</b> Unvulcanized Rubber Forms/Articles Nesoi	\$14,206,772	\$9,844,542	\$5,917,042	-39.9%
<b>4015</b> Apparel & Accessories of Unhard Vulc. Rubber	\$2,309,990	\$3,146,521	\$4,259,627	35.4%
<b>4001</b> Natural Rubber/Balata/Chicle etc, primary form	\$12,472,181	\$4,018,581	\$3,949,517	-1.7%
<b>4004</b> Waste of Rubber, Excluding Hard Rubber	\$3,198,884	\$3,522,615	\$3,066,825	-12.9%
<b>4017</b> Hard Rubber All Forms; Articles Of Hard Rubber	\$1,498,867	\$1,824,128	\$2,550,484	39.8%
<b>4014</b> Hygienic/Pharma. Articles Unhard Vulc. Rubber	\$3,189,485	\$2,138,653	\$1,612,218	-24.6%
<b>4003</b> Reclaimed Rubber in Primary Forms	\$348,598	\$260,875	\$470,820	80.5%
<b>4013</b> Inner Tubes for Tires, of Rubber	\$424,624	\$395,943	\$452,296	14.2%
<b>4007</b> Vulcanized Rubber Thread and Cord	\$522,703	\$641,198	\$321,954	-49.8%

**Value of Rubber Products**



**Percent of All Ohio Exports**



## Top 5 Trading Partners - 2015

	2015 Value	Pct of 2015 Total
Total	\$1,358,618,399	
Canada	\$633,675,173	46.6%
Mexico	\$491,088,431	36.1%
China	\$38,254,255	2.8%
Brazil	\$15,998,676	1.2%
U.K.	\$14,147,599	1.0%
Others	\$165,454,265	12.2%

## Top 5 Trading Partners - 2013 to 2015

	2013 to 2015 Value	Pct of 3-yr Total
Total	\$3,744,784,191	
Canada	\$1,813,288,433	48.4%
Mexico	\$1,140,615,403	30.5%
China	\$122,521,457	3.3%
Brazil	\$50,779,431	1.4%
Australia	\$50,507,838	1.3%
Others	\$567,071,629	15.1%

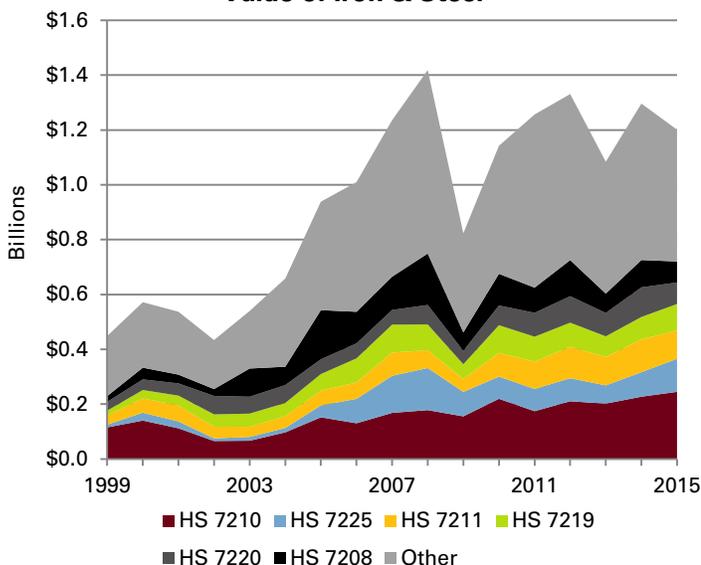
# Iron And Steel (HS 72)



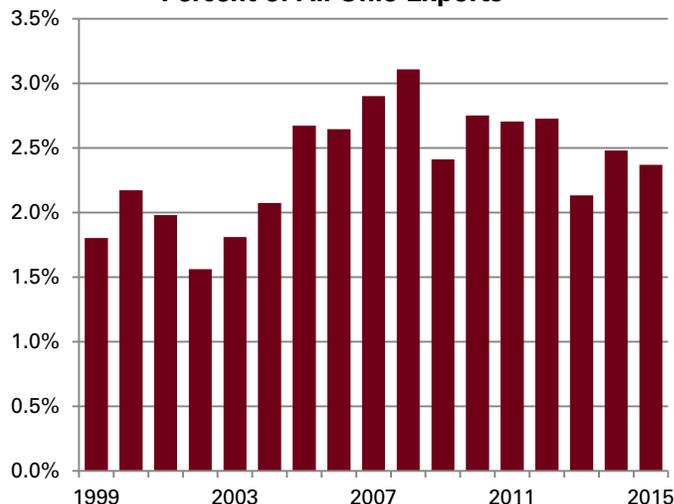
Harmonized  
Tariff Schedule

		2013	2014	2015	% Chng. 14 to 15
<b>TOTAL</b>		<b>\$1,084,332,842</b>	<b>\$1,296,328,525</b>	<b>\$1,201,187,785</b>	<b>-7.3%</b>
<b>7210</b>	Flat-roll Iron/Nonalloy Steel, 600+mm wd, clad	\$202,015,725	\$227,327,116	\$244,992,085	7.8%
<b>7225</b>	Flat-rolled Alloy Steel Nesoi 600+mm wide	\$66,545,020	\$89,360,957	\$120,547,326	34.9%
<b>7211</b>	Flat-roll Iron/Nonalloy Steel, <600mm wd, nt clad	\$103,507,603	\$119,733,348	\$103,143,305	-13.9%
<b>7219</b>	Flat-roll Stainless Steel Products, 600+mm wide	\$75,319,842	\$81,641,024	\$96,573,104	18.3%
<b>7220</b>	Flat-rolled Stainless Steel, <600mm wide	\$85,274,588	\$108,051,081	\$78,627,163	-27.2%
<b>7208</b>	Flat-roll Iron/NA Steel,600+mm Hot-roll, not clad	\$70,798,565	\$99,648,575	\$76,644,101	-23.1%
<b>7202</b>	Ferroalloys	\$42,809,170	\$65,556,070	\$60,055,717	-8.4%
<b>7226</b>	Flat-rolled Alloy Steel Nesoi <600mm wide	\$26,645,191	\$46,974,730	\$50,527,384	7.6%
<b>7228</b>	Alloy Steel Nesoi Bars, Angles, Hollow Bars etc	\$60,558,895	\$76,470,941	\$48,965,593	-36.0%
<b>7204</b>	Ferrous Waste & Scrap; Remelt Scrap Iron/Steel	\$56,672,234	\$67,153,369	\$41,989,903	-37.5%
<b>7217</b>	Wire of Iron & Nonalloy Steel	\$37,964,979	\$40,011,917	\$36,540,140	-8.7%
<b>7212</b>	Flat-roll Iron/Nonalloy Steel, <600mm wd, clad	\$46,686,256	\$52,859,079	\$35,102,185	-33.6%
<b>7214</b>	Bars/Rods, Iron/Nonalloy Steel Nesoi, Hot-roll etc	\$33,540,253	\$32,581,716	\$35,025,385	7.5%
<b>7209</b>	Flat-roll Iron/NA Steel <600mm Cold-roll,not clad	\$30,705,518	\$33,459,582	\$29,117,614	-13.0%
<b>7227</b>	Bars/Rods Alloy Steel Nesoi, Hot-roll irreg coils	\$20,447,797	\$24,822,056	\$26,918,561	8.4%
<b>7229</b>	Wire of Alloy Steel Nesoi	\$21,404,606	\$25,199,885	\$25,051,609	-0.6%
<b>7213</b>	Bars/Rods, Iron/NA Steel, Hot-roll irregular coils	\$34,541,633	\$31,201,782	\$22,178,991	-28.9%
<b>7222</b>	Bars/Rods, Stainless Steel Nesoi; Angles, Shapes	\$18,143,057	\$23,083,818	\$20,276,679	-12.2%
<b>7224</b>	Alloy Steel Nesoi, Ingots Or Other Primary Forms	\$10,778,691	\$11,925,411	\$12,953,805	8.6%
<b>Multi</b>	Remaining commodities	\$39,973,219	\$39,266,068	\$35,957,135	-8.4%

Value of Iron & Steel



Percent of All Ohio Exports



## Top 5 Trading Partners - 2015

	2015 Value	Pct of 2015 Total
Total	\$1,201,187,785	
Canada	\$768,504,850	64.0%
Mexico	\$229,925,765	19.1%
China	\$54,912,037	4.6%
U.K.	\$20,597,588	1.7%
Brazil	\$19,007,729	1.6%
Others	\$108,239,816	9.0%

## Top 5 Trading Partners - 2013 to 2015

	2013 to 2015 Value	Pct of 3-yr Total
Total	\$3,581,849,152	
Canada	\$2,377,773,768	66.4%
Mexico	\$605,118,081	16.9%
China	\$158,028,336	4.4%
Brazil	\$50,180,498	1.4%
United Kingdom	\$49,450,697	1.4%
Others	\$341,297,772	9.5%

Nesoi - Not elsewhere specified or indicated

# Chemical Products (HS 38)

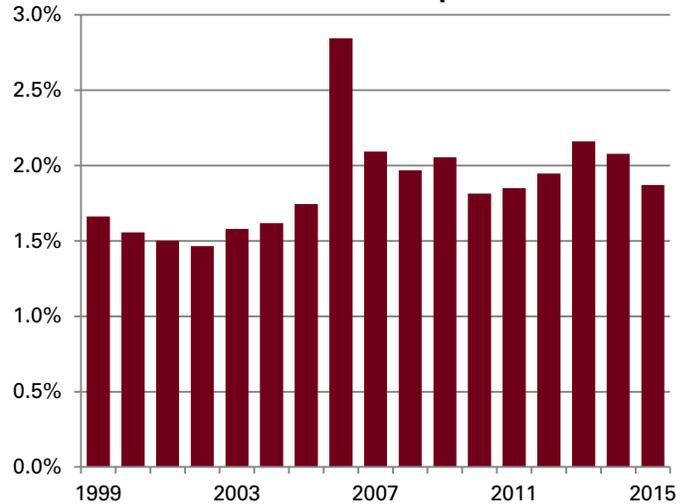
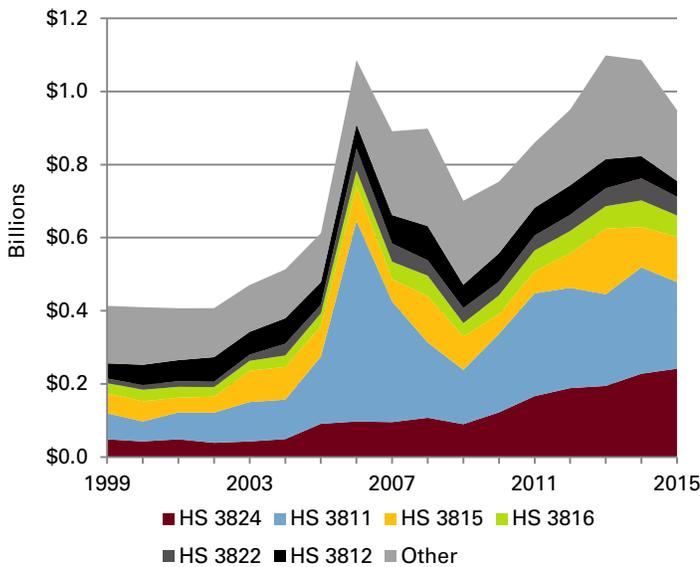


Harmonized  
Tariff Schedule

	2013	2014	2015	% Chng. 14 to 15
<b>TOTAL</b>	<b>\$1,098,482,422</b>	<b>\$1,085,910,745</b>	<b>\$948,930,883</b>	<b>-12.6%</b>
<b>3824</b> Binders for Foundry Molds; Chemical Prod. Nesoi	\$194,523,438	\$227,832,293	\$241,497,063	6.0%
<b>3811</b> Antiknock Preps./Oth. Additives for Mineral Oils	\$250,608,923	\$290,916,201	\$236,940,284	-18.6%
<b>3815</b> Reaction Initiators/Accelerators/Catalysts Nesoi	\$179,677,098	\$110,399,554	\$123,742,596	12.1%
<b>3816</b> Refractory Cements, Mortars, Concretes Nesoi	\$61,273,880	\$72,719,081	\$58,625,297	-19.4%
<b>3822</b> Comp. Diagnostic/Lab Reagents, Excl. Pharma.	\$48,949,102	\$60,113,060	\$51,001,964	-15.2%
<b>3812</b> Prepared Rubber Accelerators; Plasticizers etc	\$79,887,608	\$61,017,025	\$43,277,537	-29.1%
<b>3809</b> Finishing Agents for Textiles, Paper etc Nesoi	\$57,004,879	\$49,215,994	\$41,595,978	-15.5%
<b>3801</b> Artificial Graphite; Collodial Graphite etc	\$106,531,568	\$95,267,532	\$41,065,717	-56.9%
<b>3823</b> Ind. Monocarboxylic Fatty Acids; Acid Oil, etc	\$32,795,688	\$36,696,494	\$34,646,709	-5.6%
<b>3810</b> Pickling Preps For Metal; Soldering etc	\$38,489,771	\$33,808,304	\$34,277,292	1.4%
<b>3808</b> Insecticides, Rodenticides; Fungicides etc, Retail	\$22,884,769	\$24,097,249	\$23,636,930	-1.9%
<b>3802</b> Activated Carbon Etc.; Animal Black	\$8,265,459	\$7,392,907	\$6,248,349	-15.5%
<b>3814</b> Organic Composite Solvents & Thinners, Nesoi	\$7,087,252	\$5,178,177	\$3,473,285	-32.9%
<b>3819</b> Hydraulic Brake Fluids/Transmission Liquids	\$2,357,982	\$2,534,487	\$2,405,928	-5.1%
<b>3821</b> Prep. Culture Media for Devel. Microorganisms	\$1,998,731	\$2,914,389	\$1,914,093	-34.3%
<b>3820</b> Antifreezing Preparations & Deicing Fluids	\$3,286,920	\$1,713,554	\$1,834,038	7.0%
<b>3806</b> Rosin & Resin Acids etc; Rosin Spirit; Run Gums	\$982,257	\$1,235,563	\$1,517,287	22.8%
<b>3818</b> Chem. Elem. Doped, Used In Electronics, Discs	\$1,215,622	\$2,240,316	\$574,719	-74.3%
<b>3807</b> Wood Tar, Vegetable Pitch etc & Similar Preps.	\$413,593	\$253,267	\$293,051	15.7%
<b>Multi</b> Remaining commodities	\$661,475	\$618,565	\$655,817	6.0%

Value of Chemical Products

Percent of All Ohio Exports



## Top 5 Trading Partners - 2015

## Top 5 Trading Partners - 2013 to 2015

	2015 Value	Pct of 2015 Total
Total	\$948,930,883	
Canada	\$223,526,460	23.6%
Mexico	\$126,362,680	13.3%
China	\$84,999,275	9.0%
France	\$69,500,119	7.3%
Korea	\$61,903,416	6.5%
Others	\$382,638,933	40.3%

	2013 to 2015 Value	Pct of 3-yr Total
Total	\$3,133,324,050	
Canada	\$779,217,637	24.9%
Mexico	\$411,691,070	13.1%
Korea	\$317,574,266	10.1%
China	\$236,700,721	7.6%
France	\$188,718,712	6.0%
Others	\$1,199,421,644	38.3%

Nesoi - Not elsewhere specified or indicated

## Employment and Businesses Related to Exports



Goods exported from Ohio supported an estimated 263,000 jobs in 2014.

A total of 16,452 companies exported from Ohio in 2013. Of those, 14,707 (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 2013.

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

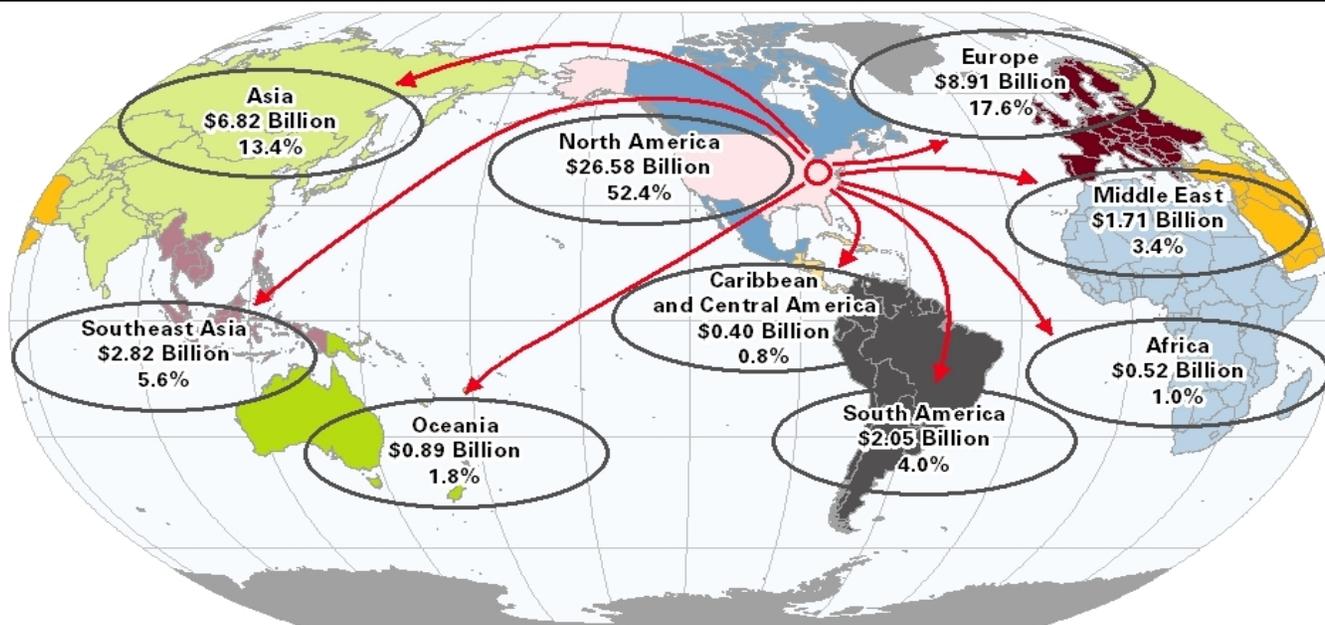
Baked goods  
Jams and jellies

Pepperidge Farm  
JM Smucker

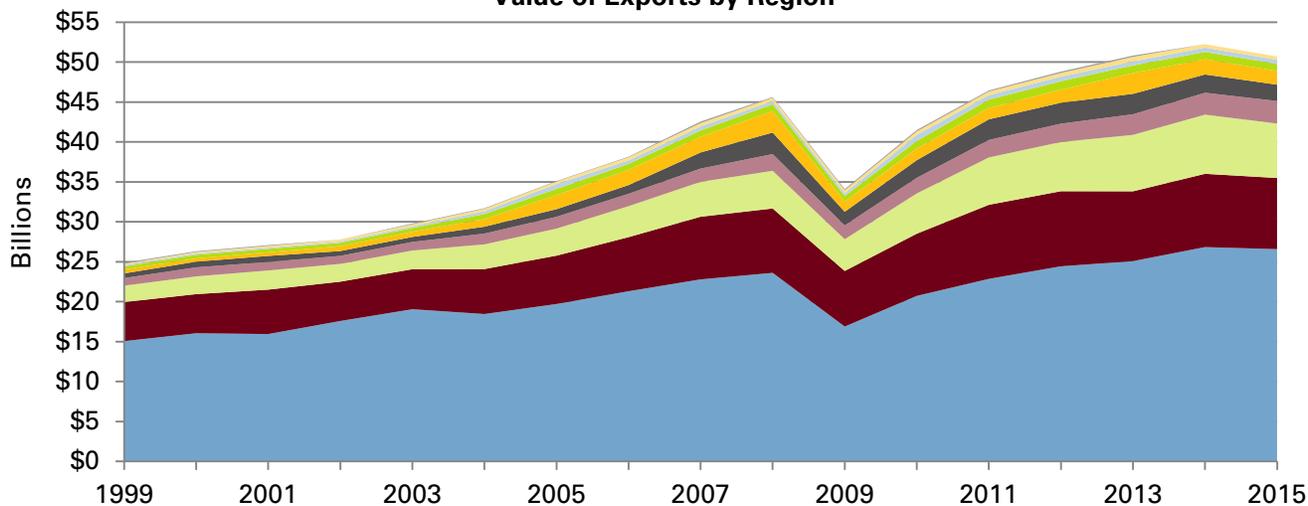
This list is derived from self-disclosure of the companies through news media. Neither the federal or state government maintains public databases of individual companies and their export values or destinations.

# Ohio Exports

## Regional Destinations: 2015



Value of Exports by Region

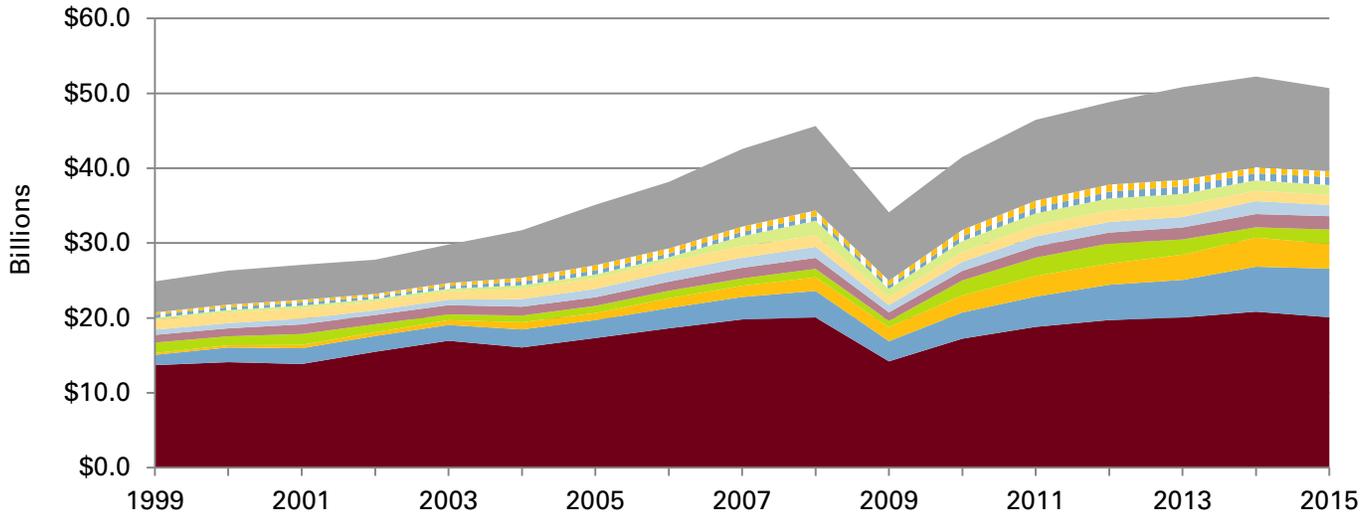


	2013	2014	2015	% of 2015 Exports	% Chng. 14 to 15
North America	\$25,083,447,175	\$26,840,788,993	\$26,582,430,528	52.4%	-1.0%
Europe	\$8,743,942,452	\$9,177,220,876	\$8,912,211,548	17.6%	-2.9%
Asia	\$7,063,404,473	\$7,406,867,998	\$6,815,117,739	13.4%	-8.0%
Southeast Asia	\$2,580,825,779	\$2,740,604,165	\$2,822,286,618	5.6%	3.0%
South America	\$2,561,378,758	\$2,290,102,520	\$2,048,155,314	4.0%	-10.6%
Middle East	\$2,592,474,440	\$1,908,032,572	\$1,706,657,986	3.4%	-10.6%
Oceania	\$965,696,571	\$912,307,326	\$889,128,571	1.8%	-2.5%
Africa	\$503,448,165	\$541,354,697	\$516,039,251	1.0%	-4.7%
Caribbean/Central America	\$555,535,061	\$417,462,116	\$397,166,102	0.8%	-4.9%
Unidentified/Other	\$176,749,009	\$5,362,989	\$4,955,490	0.0%	-7.6%

**Ohio Export Destinations**  
**Top 10 Destinations: 2015**

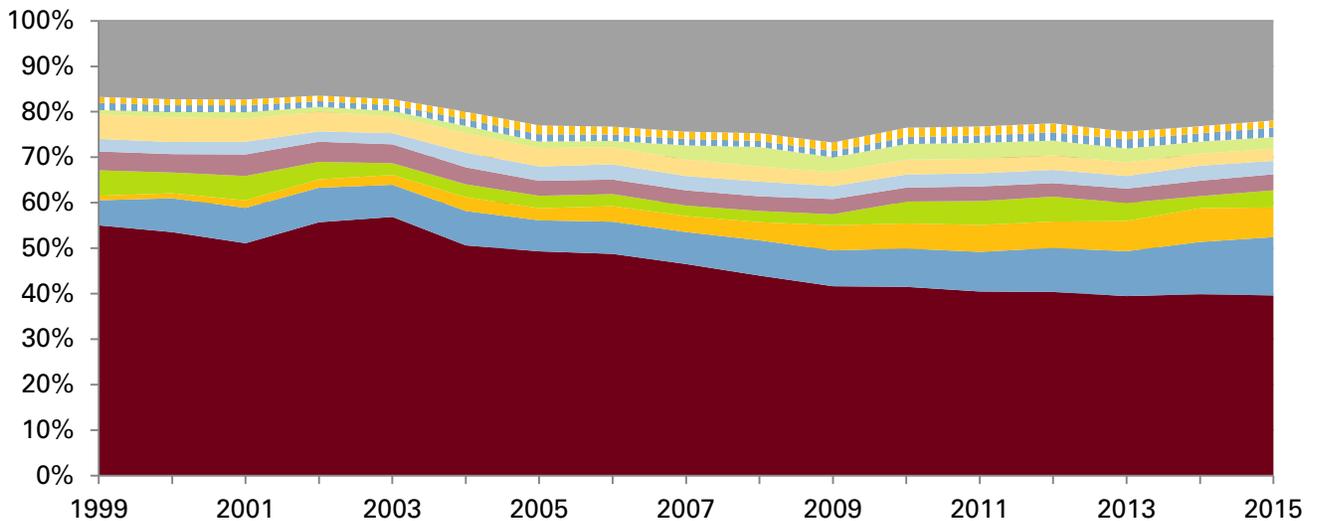


**Value of Exports**

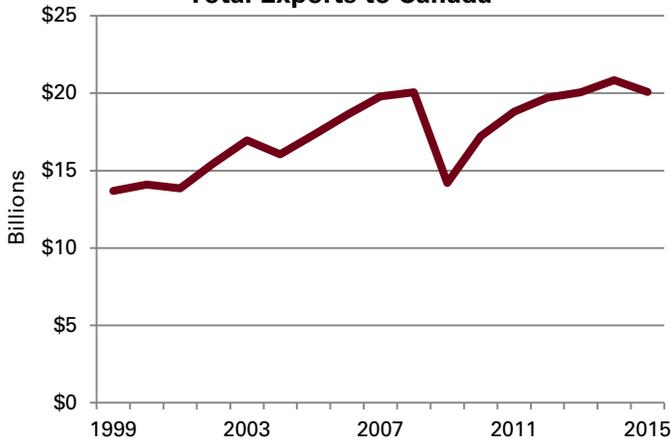


Destination	2015 Value	% of All Exports	% Change 14 to 15
Canada	\$20,084,320,928	39.6%	-3.6%
Mexico	\$6,495,147,539	12.8%	8.2%
China	\$3,314,482,735	6.5%	-14.6%
France	\$1,904,000,045	3.8%	37.8%
United Kingdom	\$1,790,513,594	3.5%	1.0%
Germany	\$1,492,291,232	2.9%	-13.5%
Japan	\$1,369,396,505	2.7%	-0.1%
Brazil	\$1,284,176,014	2.5%	-7.7%
Korea	\$1,062,767,395	2.1%	11.2%
Australia	\$792,161,892	1.6%	-3.3%
Remainder	\$11,104,891,268	21.9%	-8.2%

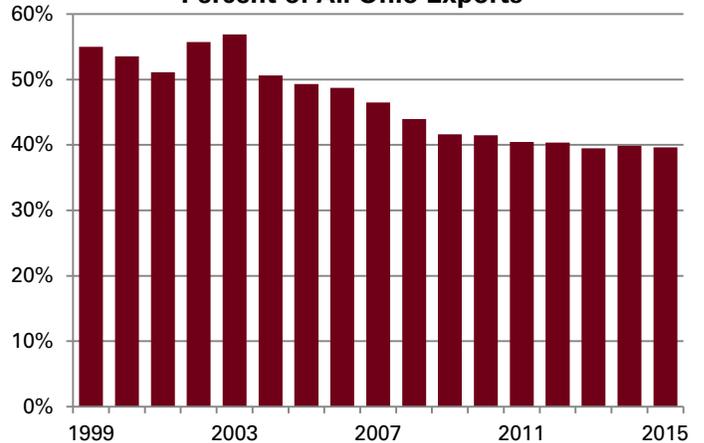
**Distribution of Exports**



Total Exports to Canada



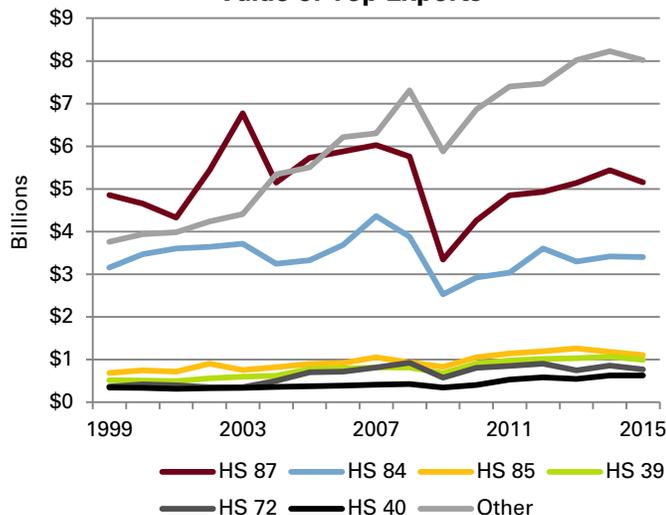
Percent of All Ohio Exports



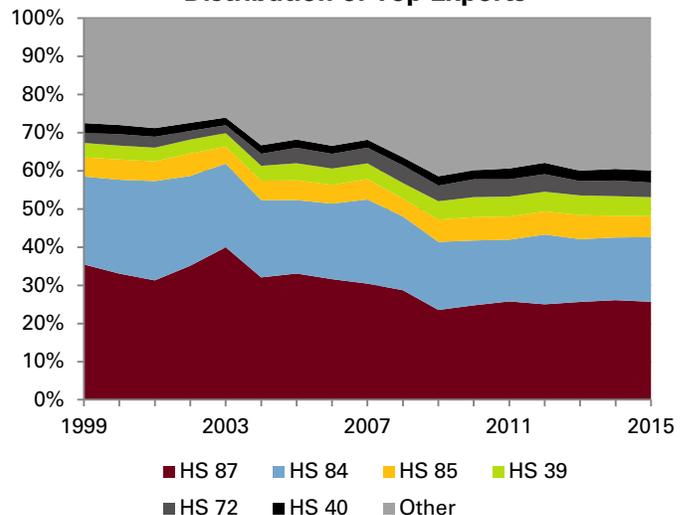
Harmonized  
Tariff Schedule

	2013	2014	2015	% Chng. 14 to 15
<b>TOTAL</b>	<b>\$20,059,238,618</b>	<b>\$20,831,968,048</b>	<b>\$20,084,320,928</b>	<b>-3.6%</b>
<b>87</b> Vehicles and Parts	\$5,144,583,235	\$5,440,628,954	\$5,158,401,118	-5.2%
<b>84</b> Industrial Machinery, Including Computers	\$3,299,405,685	\$3,419,022,069	\$3,405,042,116	-0.4%
<b>85</b> Electric Machinery; Sound Equip.; TV Equip.	\$1,266,894,013	\$1,184,320,860	\$1,105,698,949	-6.6%
<b>39</b> Plastics and Articles Thereof	\$1,032,529,530	\$1,072,323,910	\$995,339,887	-7.2%
<b>72</b> Iron and Steel	\$751,054,681	\$858,214,237	\$768,504,850	-10.5%
<b>40</b> Rubber and Articles Thereof	\$547,636,497	\$631,976,763	\$633,675,173	0.3%
<b>34</b> Soap, Waxes, etc; Dental Preparations	\$669,812,933	\$596,305,617	\$613,975,642	3.0%
<b>73</b> Iron and Steel Products	\$715,044,872	\$679,856,213	\$574,531,990	-15.5%
<b>88</b> Aircraft; Spacecraft and Parts	\$483,531,701	\$536,684,826	\$554,896,991	3.4%
<b>33</b> Perfumery, Cosmetic, etc	\$477,453,674	\$429,338,468	\$473,000,328	10.2%
<b>27</b> Mineral Fuel, Oil, etc	\$330,475,830	\$466,590,136	\$410,625,845	-12.0%
<b>94</b> Furniture and Bedding	\$269,524,576	\$316,944,638	\$392,052,832	23.7%
<b>48</b> Paper, Paperboard, Articles of Paper Pulp	\$426,639,165	\$402,014,158	\$374,893,202	-6.7%
<b>90</b> Optic, Photo; Medical Instruments	\$389,025,813	\$357,719,712	\$357,412,792	-0.1%
<b>24</b> Tobacco and Manufactured Substitutes	\$135,466,695	\$147,514,388	\$300,064,726	103.4%
<b>Multi</b> Remaining commodities	\$4,120,159,718	\$4,292,513,099	\$3,966,204,487	-7.6%

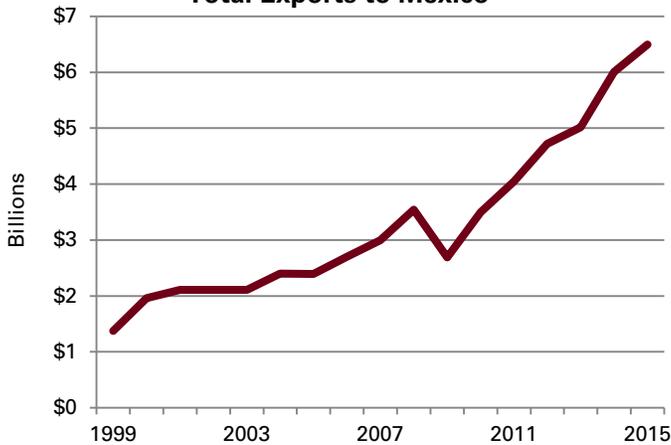
Value of Top Exports



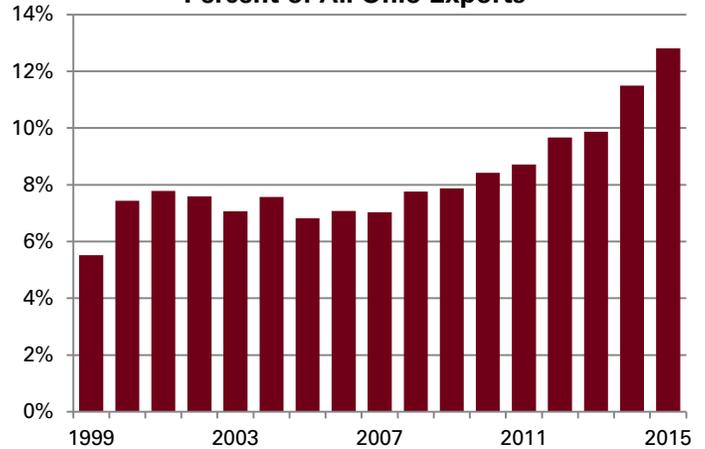
Distribution of Top Exports



Total Exports to Mexico



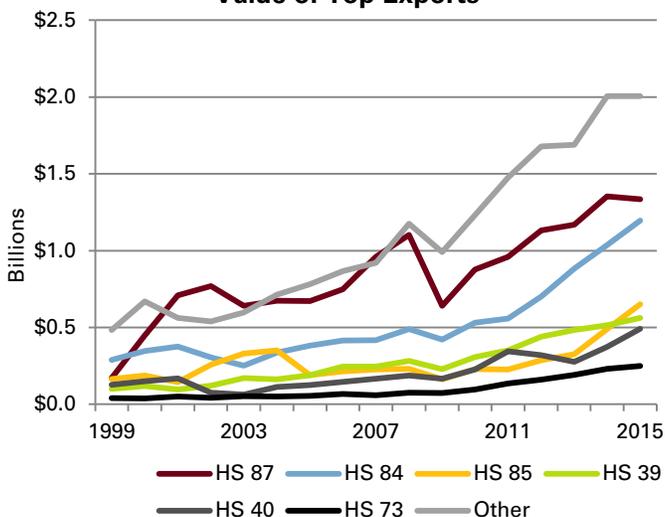
Percent of All Ohio Exports



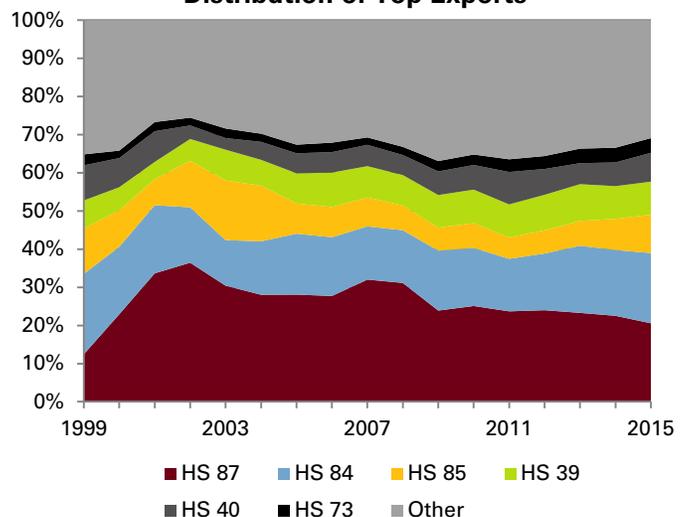
Harmonized  
Tariff Schedule

	2013	2014	2015	% Chng. 14 to 15
<b>TOTAL</b>	<b>\$5,018,216,299</b>	<b>\$6,005,018,205</b>	<b>\$6,495,147,539</b>	<b>8.2%</b>
<b>87</b> Vehicles and Parts	\$1,168,840,795	\$1,352,793,680	\$1,335,723,066	-1.3%
<b>84</b> Industrial Machinery, Including Computers	\$883,436,090	\$1,035,986,607	\$1,196,371,373	15.5%
<b>85</b> Electric Machinery; Sound Equip.; TV Equip.	\$326,171,996	\$490,499,117	\$652,154,655	33.0%
<b>39</b> Plastics and Articles Thereof	\$483,400,861	\$514,350,451	\$563,007,280	9.5%
<b>40</b> Rubber and Articles Thereof	\$276,354,968	\$373,172,004	\$491,088,431	31.6%
<b>73</b> Iron and Steel Products	\$191,358,624	\$231,586,949	\$250,046,565	8.0%
<b>72</b> Iron and Steel	\$155,064,532	\$220,127,784	\$229,925,765	4.5%
<b>88</b> Aircraft; Spacecraft and Parts	\$134,046,304	\$305,873,670	\$185,342,713	-39.4%
<b>12</b> Oil Seed, Miscellaneous Grain	\$55,872,650	\$40,659,935	\$145,539,138	257.9%
<b>32</b> Tanning, Dye, Paint, Putty	\$175,917,383	\$154,959,726	\$130,009,262	-16.1%
<b>38</b> Miscellaneous Chemical Products	\$142,237,549	\$143,090,841	\$126,362,680	-11.7%
<b>48</b> Paper, Paperboard, Articles of Paper Pulp	\$89,208,739	\$93,629,775	\$110,422,825	17.9%
<b>94</b> Furniture and Bedding	\$115,065,593	\$132,079,974	\$104,474,544	-20.9%
<b>90</b> Optic, Photo; Medical Instruments	\$102,014,265	\$98,174,447	\$103,024,421	4.9%
<b>76</b> Aluminum and Articles Thereof	\$63,499,994	\$73,415,544	\$79,468,788	8.2%
<b>Multi</b> Remaining commodities	\$655,725,956	\$744,617,701	\$792,186,033	6.4%

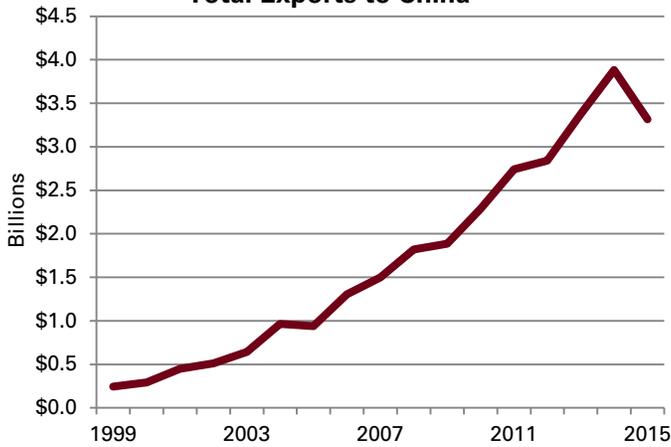
Value of Top Exports



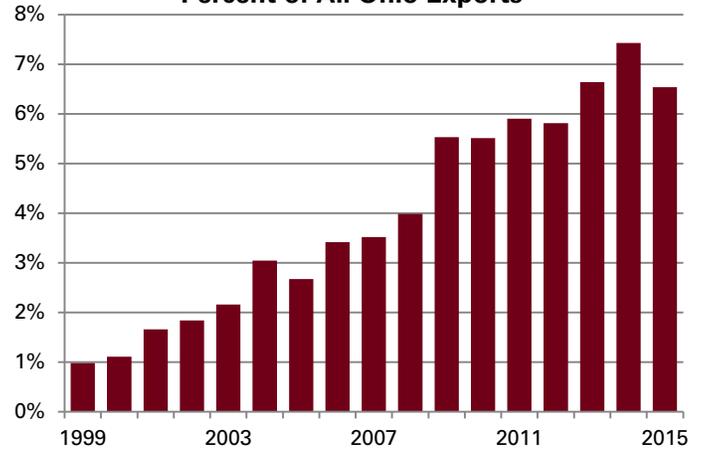
Distribution of Top Exports



Total Exports to China



Percent of All Ohio Exports

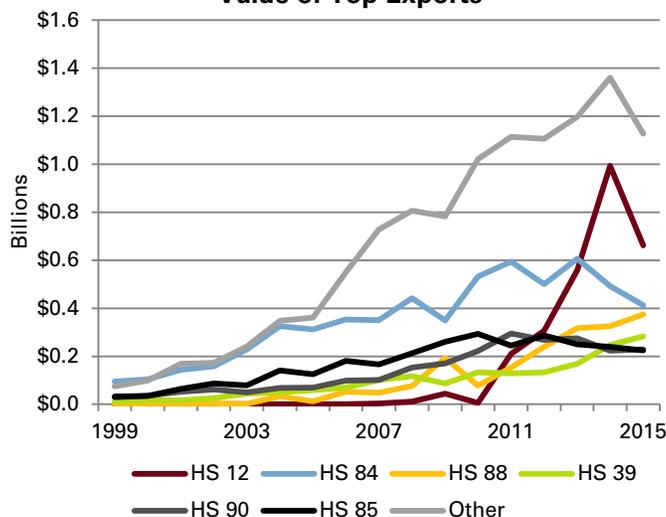


Harmonized  
Tariff Schedule

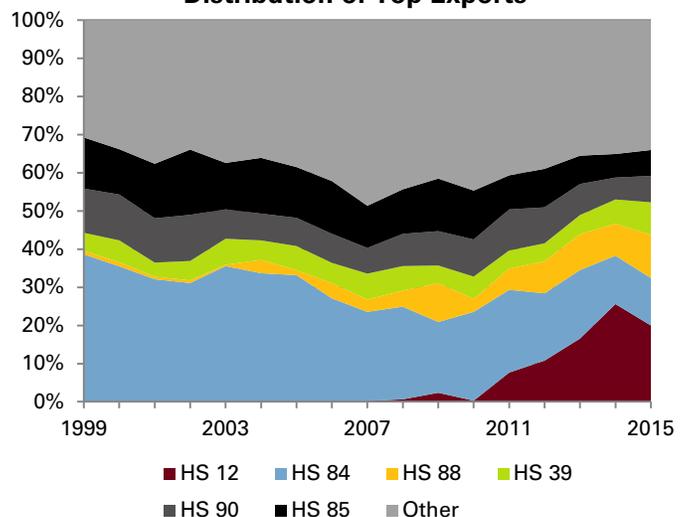
TOTAL

	2013	2014	2015	% Chng. 14 to 15
<b>TOTAL</b>	<b>\$3,373,644,894</b>	<b>\$3,881,651,849</b>	<b>\$3,314,482,735</b>	<b>-14.6%</b>
<b>12</b> Oil Seed, Miscellaneous Grain	\$558,864,420	\$994,029,478	\$662,148,354	-33.4%
<b>84</b> Industrial Machinery, Including Computers	\$605,798,829	\$491,777,564	\$412,875,586	-16.0%
<b>88</b> Aircraft; Spacecraft and Parts	\$317,533,284	\$325,543,918	\$374,913,802	15.2%
<b>39</b> Plastics and Articles Thereof	\$168,843,273	\$246,605,185	\$282,756,804	14.7%
<b>90</b> Optic, Photo; Medical Instruments	\$274,568,721	\$223,060,094	\$229,304,133	2.8%
<b>85</b> Electric Machinery; Sound Equip.; TV Equip.	\$250,421,971	\$239,816,446	\$225,042,151	-6.2%
<b>87</b> Vehicles and Parts	\$172,860,991	\$211,934,618	\$110,646,862	-47.8%
<b>38</b> Miscellaneous Chemical Products	\$72,939,974	\$78,761,472	\$84,999,275	7.9%
<b>44</b> Wood and Articles of Wood; Wood Charcoal	\$59,428,255	\$86,882,546	\$83,295,495	-4.1%
<b>29</b> Organic Chemicals	\$51,442,130	\$57,645,482	\$71,923,198	24.8%
<b>74</b> Copper and Articles Thereof	\$126,780,195	\$92,215,960	\$69,022,404	-25.2%
<b>72</b> Iron and Steel	\$46,590,960	\$56,525,339	\$54,912,037	-2.9%
<b>73</b> Iron and Steel Products	\$47,454,981	\$51,234,103	\$54,114,473	5.6%
<b>76</b> Aluminum and Articles Thereof	\$110,630,725	\$79,127,445	\$53,529,437	-32.4%
<b>23</b> Food Industry Residues; Prep. Animal Feed	\$48,593,831	\$57,251,526	\$44,646,892	-22.0%
<b>Multi</b> Remaining commodities	\$460,892,354	\$589,240,673	\$500,351,832	-15.1%

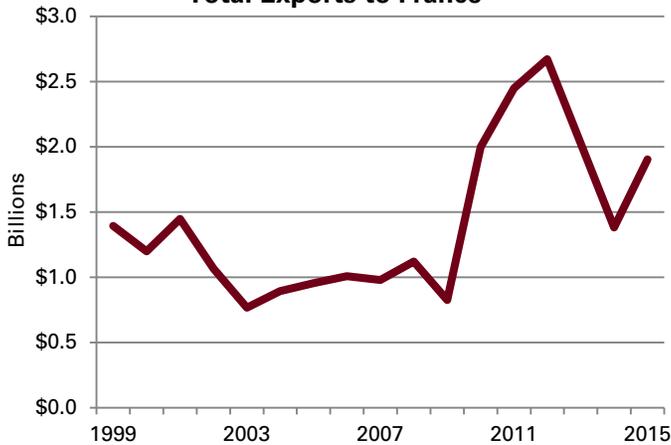
Value of Top Exports



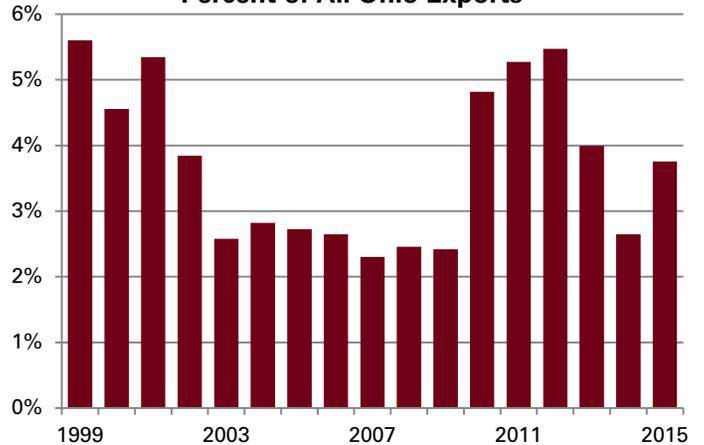
Distribution of Top Exports



Total Exports to France



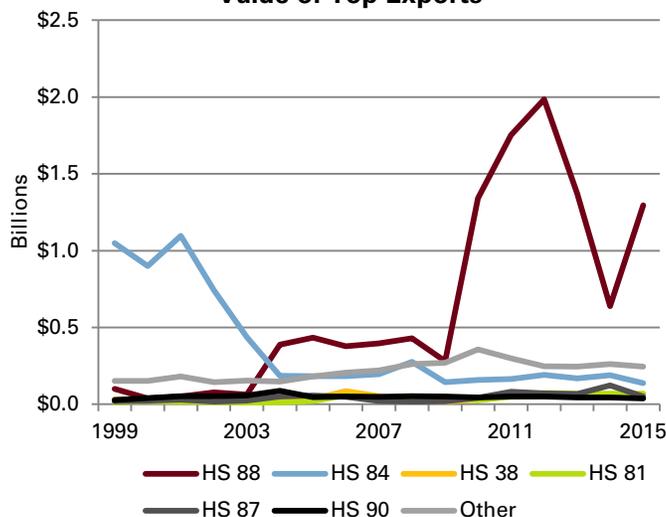
Percent of All Ohio Exports



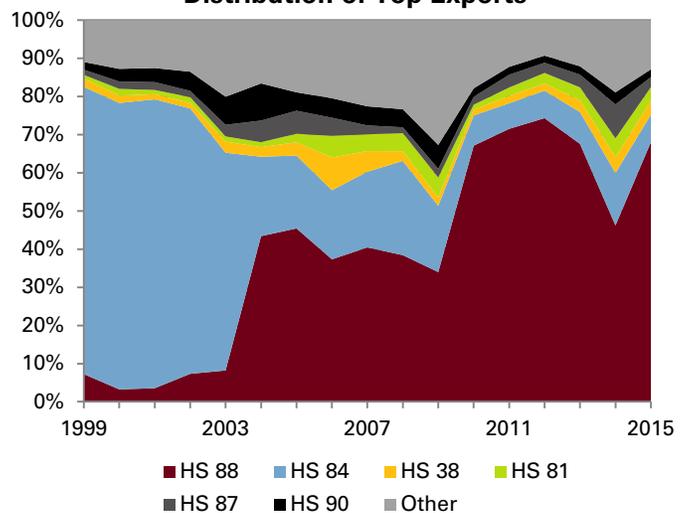
Harmonized  
Tariff Schedule

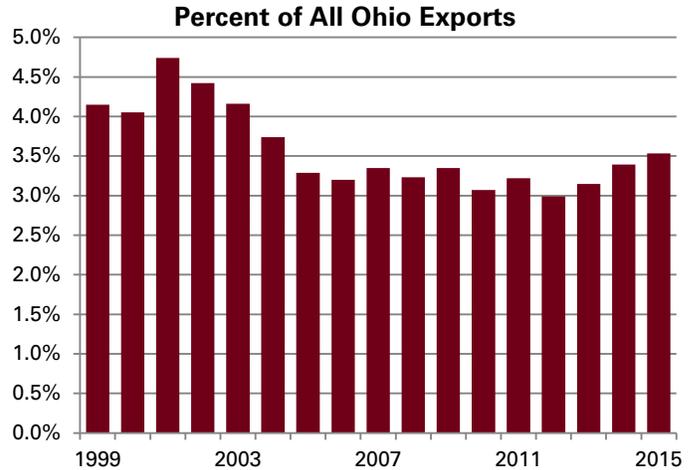
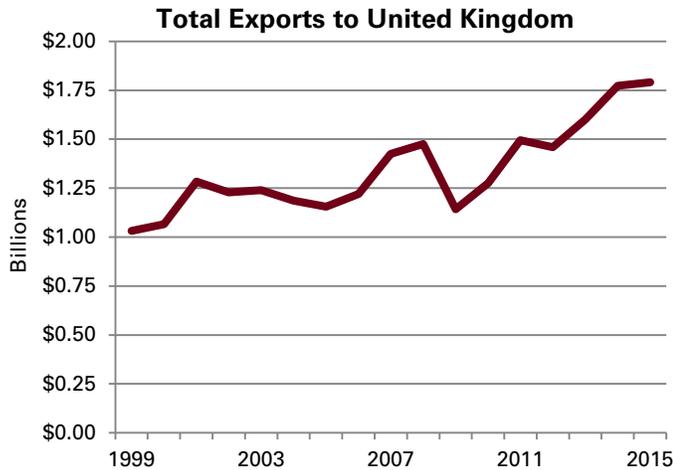
	2013	2014	2015	% Chng. 14 to 15
<b>TOTAL</b>	<b>\$2,028,683,849</b>	<b>\$1,381,736,569</b>	<b>\$1,904,000,045</b>	<b>37.8%</b>
<b>88</b> Aircraft; Spacecraft and Parts	\$1,371,024,016	\$638,637,526	\$1,296,276,394	103.0%
<b>84</b> Industrial Machinery, Including Computers	\$169,378,543	\$190,092,033	\$136,716,767	-28.1%
<b>38</b> Miscellaneous Chemical Products	\$62,415,825	\$56,802,768	\$69,500,119	22.4%
<b>81</b> Base Metals Nesoi; Cermets; Articles Thereof	\$68,722,687	\$68,493,514	\$67,723,372	-1.1%
<b>87</b> Vehicles and Parts	\$67,700,578	\$122,733,572	\$50,025,587	-59.2%
<b>90</b> Optic, Photo; Medical Instruments	\$44,738,226	\$44,018,014	\$38,814,048	-11.8%
<b>85</b> Electric Machinery; Sound Equip.; TV Equip.	\$32,250,241	\$31,431,237	\$36,682,352	16.7%
<b>39</b> Plastics and Articles Thereof	\$31,109,538	\$29,728,576	\$33,089,476	11.3%
<b>76</b> Aluminum and Articles Thereof	\$35,413,271	\$46,406,121	\$31,377,162	-32.4%
<b>29</b> Organic Chemicals	\$23,893,195	\$29,113,601	\$26,410,726	-9.3%
<b>98</b> Special Classification Provisions, Nesoi	\$25,467,826	\$23,703,305	\$24,403,332	3.0%
<b>73</b> Iron and Steel Products	\$23,727,529	\$21,067,871	\$19,673,708	-6.6%
<b>70</b> Glass and Glassware	\$10,671,858	\$13,419,975	\$10,441,548	-22.2%
<b>74</b> Copper and Articles Thereof	\$7,695,256	\$8,519,048	\$7,754,072	-9.0%
<b>68</b> Articles of Stone, Plaster, Cement, Asbestos	\$1,033,546	\$2,557,101	\$6,470,935	153.1%
<b>Multi</b> Remaining commodities	\$53,441,714	\$55,012,307	\$48,640,447	-11.6%

Value of Top Exports



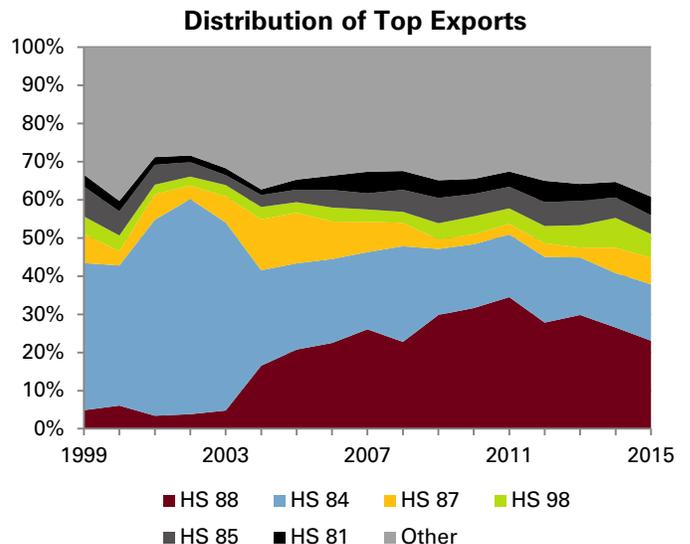
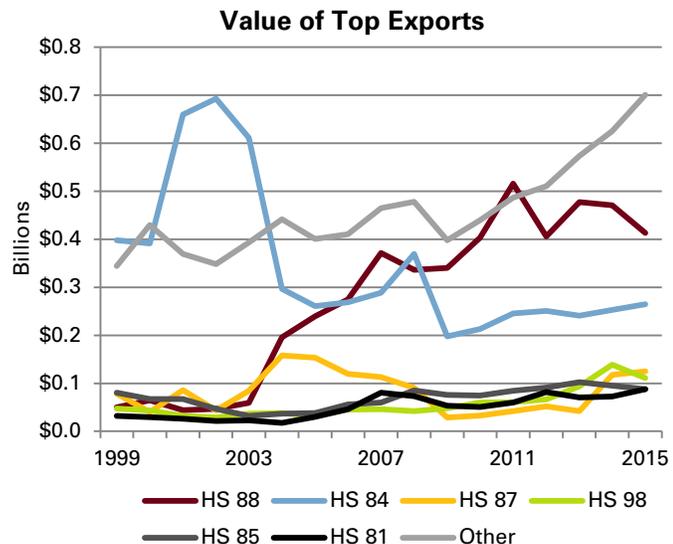
Distribution of Top Exports





Harmonized  
Tariff Schedule

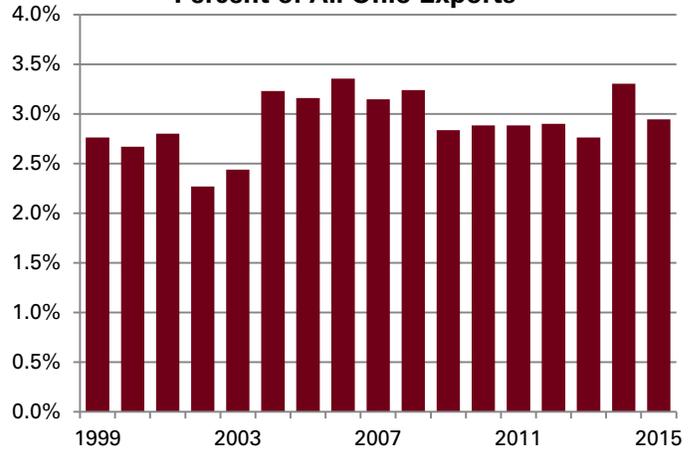
	2013	2014	2015	% Chng. 14 to 15
<b>TOTAL</b>	<b>\$1,600,402,085</b>	<b>\$1,772,907,901</b>	<b>\$1,790,513,594</b>	<b>1.0%</b>
<b>88</b> Aircraft; Spacecraft and Parts	\$477,204,110	\$470,673,734	\$413,190,076	-12.2%
<b>84</b> Industrial Machinery, Including Computers	\$241,233,990	\$252,693,335	\$264,845,928	4.8%
<b>87</b> Vehicles and Parts	\$41,769,126	\$117,929,702	\$124,837,688	5.9%
<b>98</b> Special Classification Provisions, Nesoi	\$93,711,220	\$138,608,169	\$111,161,588	-19.8%
<b>85</b> Electric Machinery; Sound Equip.; TV Equip.	\$102,276,122	\$94,836,982	\$87,875,926	-7.3%
<b>81</b> Base Metals Nesoi; Cermets; Articles Thereof	\$70,874,704	\$72,583,473	\$87,568,221	20.6%
<b>33</b> Perfumery, Cosmetic, etc	\$52,582,689	\$53,458,936	\$78,522,135	46.9%
<b>71</b> Precious Stones/Metals; Jewelry	\$8,640,699	\$3,539,311	\$76,935,868	2073.8%
<b>90</b> Optic, Photo; Medical Instruments	\$72,649,255	\$65,009,376	\$69,691,807	7.2%
<b>39</b> Plastics and Articles Thereof	\$54,662,254	\$66,628,364	\$66,744,361	0.2%
<b>61</b> Apparel Articles, etc, Knit or Crochet	\$33,711,294	\$39,732,366	\$44,332,547	11.6%
<b>73</b> Iron and Steel Products	\$46,984,705	\$53,827,381	\$43,286,491	-19.6%
<b>32</b> Tanning, Dye, Paint, Putty	\$23,757,739	\$24,367,249	\$25,910,731	6.3%
<b>76</b> Aluminum and Articles Thereof	\$19,964,345	\$23,683,911	\$24,092,338	1.7%
<b>82</b> Tools, Implements, Cutlery of Base Metals	\$23,100,269	\$24,549,553	\$21,994,096	-10.4%
<b>Multi</b> Remaining commodities	\$237,279,564	\$270,786,059	\$249,523,793	-7.9%



Total Exports to Germany



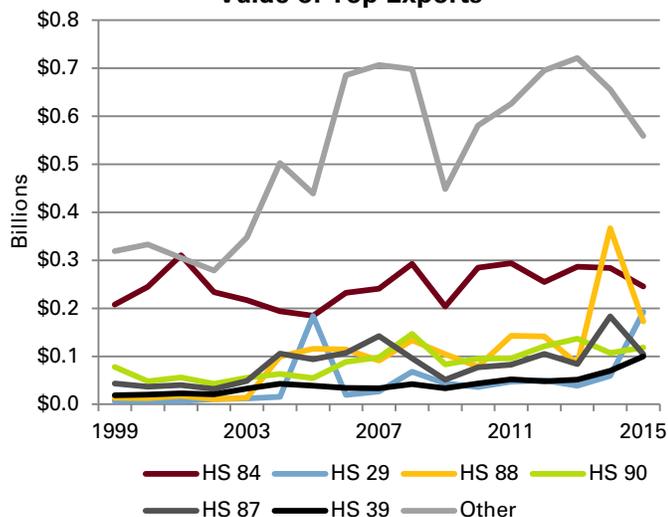
Percent of All Ohio Exports



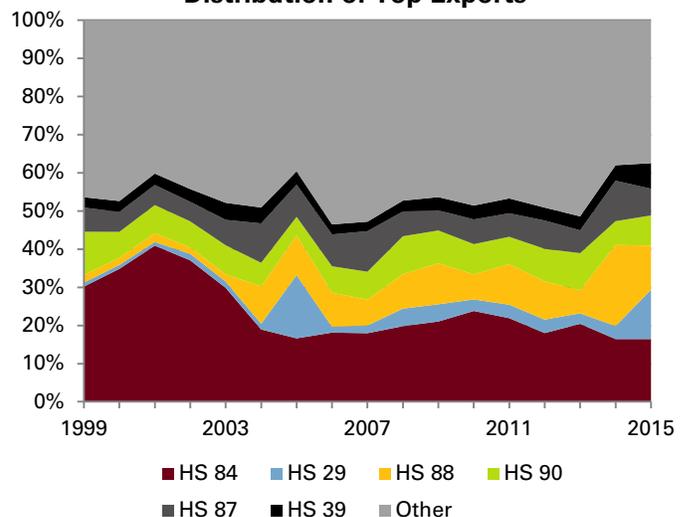
Harmonized  
Tariff Schedule

	2013	2014	2015	% Chng. 14 to 15
<b>TOTAL</b>	<b>\$1,403,844,810</b>	<b>\$1,725,664,767</b>	<b>\$1,492,291,232</b>	<b>-13.5%</b>
<b>84</b> Industrial Machinery, Including Computers	\$286,601,939	\$283,736,214	\$245,261,758	-13.6%
<b>29</b> Organic Chemicals	\$38,828,092	\$59,061,303	\$192,652,408	226.2%
<b>88</b> Aircraft; Spacecraft and Parts	\$84,505,911	\$366,867,909	\$172,615,466	-52.9%
<b>90</b> Optic, Photo; Medical Instruments	\$136,917,235	\$107,281,638	\$118,265,799	10.2%
<b>87</b> Vehicles and Parts	\$83,955,442	\$183,037,636	\$104,589,226	-42.9%
<b>39</b> Plastics and Articles Thereof	\$51,531,483	\$69,911,507	\$99,922,879	42.9%
<b>82</b> Tools, Implements, Cutlery of Base Metals	\$59,160,295	\$79,147,990	\$74,760,988	-5.5%
<b>85</b> Electric Machinery; Sound Equip.; TV Equip.	\$84,324,862	\$67,141,381	\$73,255,800	9.1%
<b>33</b> Perfumery, Cosmetic, etc	\$27,682,163	\$45,945,207	\$47,060,392	2.4%
<b>30</b> Pharmaceutical Products	\$145,558,468	\$95,062,211	\$46,671,874	-50.9%
<b>98</b> Special Classification Provisions, Nesoi	\$30,344,862	\$31,429,591	\$35,568,416	13.2%
<b>73</b> Iron and Steel Products	\$38,221,764	\$44,359,519	\$33,725,834	-24.0%
<b>74</b> Copper and Articles Thereof	\$41,522,683	\$44,864,814	\$31,483,944	-29.8%
<b>12</b> Oil Seed, Miscellaneous Grain	\$72,530,271	\$57,685	\$28,184,895	48760.0%
<b>72</b> Iron and Steel	\$13,694,345	\$15,714,575	\$17,434,963	10.9%
<b>Multi</b> Remaining commodities	\$208,464,995	\$232,045,587	\$170,836,590	-26.4%

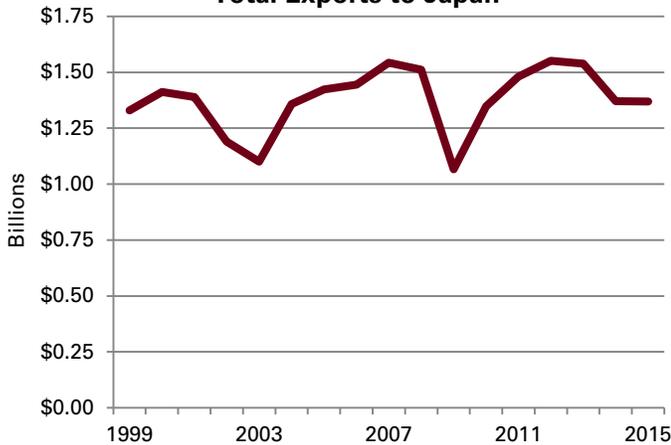
Value of Top Exports



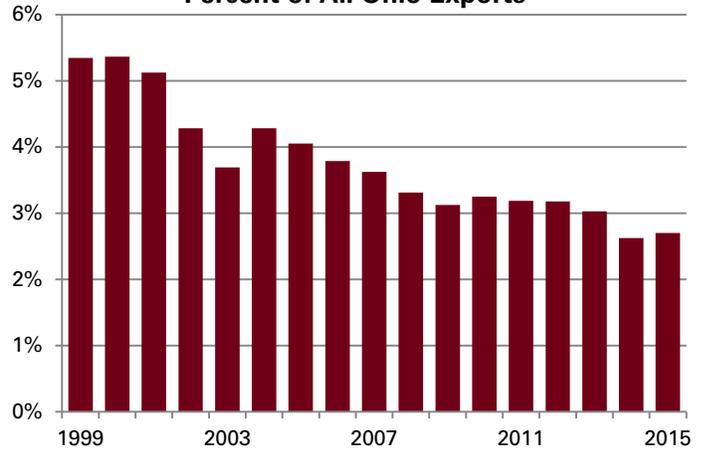
Distribution of Top Exports



Total Exports to Japan



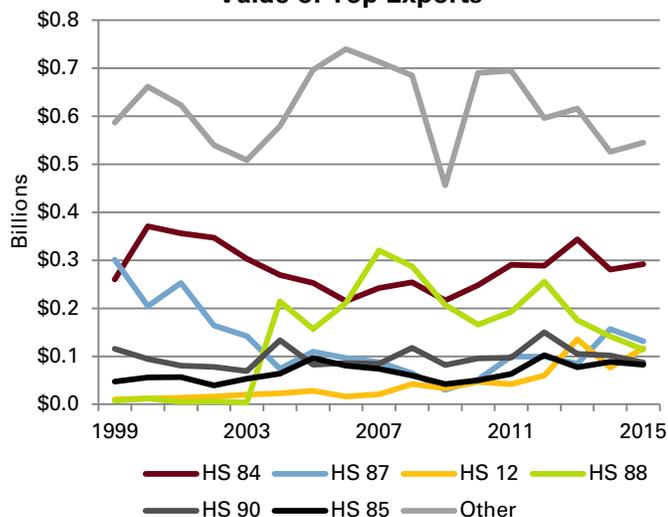
Percent of All Ohio Exports



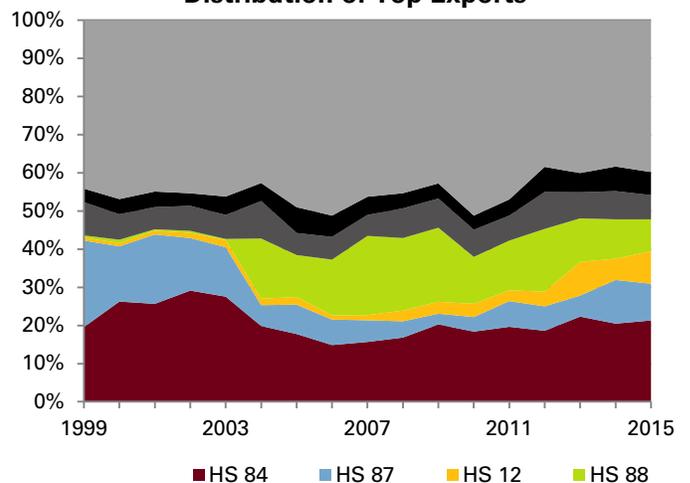
Harmonized  
Tariff Schedule

	2013	2014	2015	% Chng. 14 to 15
<b>TOTAL</b>	<b>\$1,538,211,609</b>	<b>\$1,371,275,804</b>	<b>\$1,369,396,505</b>	<b>-0.1%</b>
<b>84</b> Industrial Machinery, Including Computers	\$343,429,113	\$280,816,907	\$291,851,666	3.9%
<b>87</b> Vehicles and Parts	\$84,752,650	\$156,976,374	\$131,771,765	-16.1%
<b>12</b> Oil Seed, Miscellaneous Grain	\$135,683,030	\$76,432,784	\$116,876,529	52.9%
<b>88</b> Aircraft; Spacecraft and Parts	\$175,620,873	\$141,461,823	\$114,381,256	-19.1%
<b>90</b> Optic, Photo; Medical Instruments	\$105,236,829	\$101,546,253	\$86,867,159	-14.5%
<b>85</b> Electric Machinery; Sound Equip.; TV Equip.	\$77,265,896	\$88,373,244	\$82,819,114	-6.3%
<b>73</b> Iron and Steel Products	\$55,503,596	\$61,885,287	\$61,211,424	-1.1%
<b>39</b> Plastics and Articles Thereof	\$57,971,059	\$58,574,172	\$55,610,653	-5.1%
<b>38</b> Miscellaneous Chemical Products	\$50,713,786	\$50,912,655	\$50,395,114	-1.0%
<b>29</b> Organic Chemicals	\$16,650,358	\$30,362,420	\$40,334,792	32.8%
<b>82</b> Tools, Implements, Cutlery of Base Metals	\$19,138,217	\$16,054,772	\$31,966,797	99.1%
<b>76</b> Aluminum and Articles Thereof	\$11,870,087	\$24,056,607	\$25,413,306	5.6%
<b>30</b> Pharmaceutical Products	\$38,745,960	\$30,308,579	\$24,241,813	-20.0%
<b>70</b> Glass and Glassware	\$23,701,509	\$21,891,550	\$19,955,822	-8.8%
<b>98</b> Special Classification Provisions, Nesoi	\$18,181,223	\$23,497,100	\$19,518,900	-16.9%
<b>Multi</b> Remaining commodities	\$323,747,423	\$208,125,277	\$216,180,395	3.9%

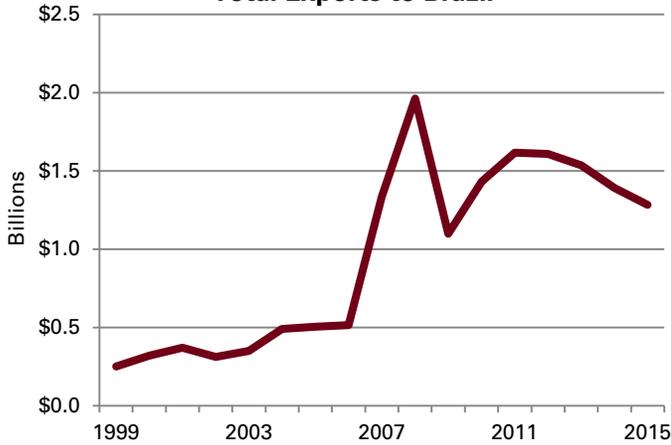
Value of Top Exports



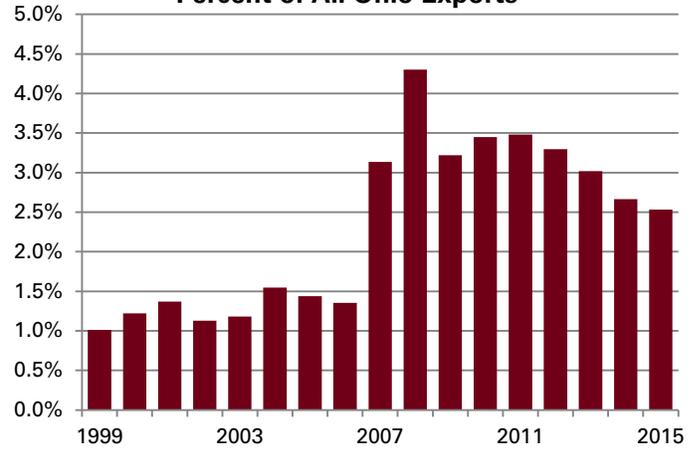
Distribution of Top Exports



Total Exports to Brazil



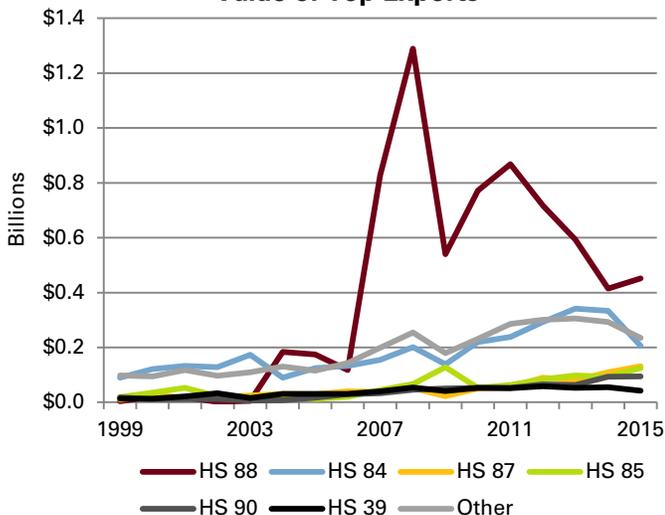
Percent of All Ohio Exports



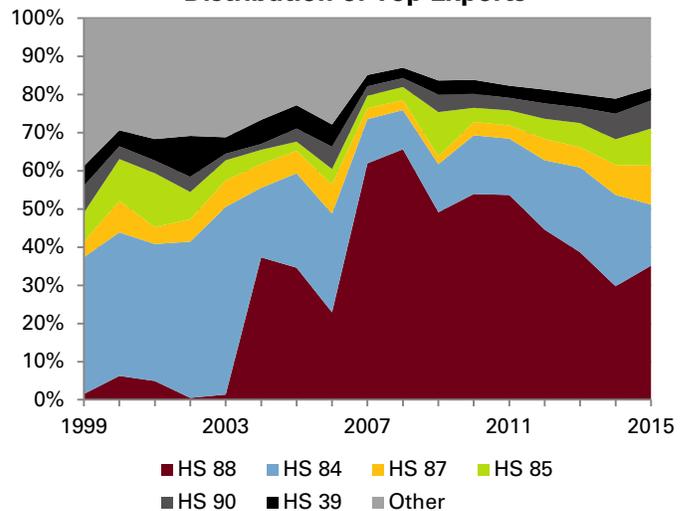
Harmonized  
Tariff Schedule

	2013	2014	2015	% Chng. 14 to 15
<b>TOTAL</b>	<b>\$1,534,708,726</b>	<b>\$1,392,012,149</b>	<b>\$1,284,176,014</b>	<b>-7.7%</b>
<b>88</b> Aircraft; Spacecraft and Parts	\$593,259,796	\$414,138,775	\$451,324,298	9.0%
<b>84</b> Industrial Machinery, Including Computers	\$341,250,893	\$333,329,987	\$205,723,856	-38.3%
<b>87</b> Vehicles and Parts	\$80,967,531	\$109,476,472	\$131,275,905	19.9%
<b>85</b> Electric Machinery; Sound Equip.; TV Equip.	\$97,500,393	\$93,574,942	\$124,674,655	33.2%
<b>90</b> Optic, Photo; Medical Instruments	\$62,658,598	\$93,158,002	\$94,337,453	1.3%
<b>39</b> Plastics and Articles Thereof	\$53,128,894	\$54,936,626	\$41,756,177	-24.0%
<b>38</b> Miscellaneous Chemical Products	\$33,547,218	\$37,221,733	\$29,750,011	-20.1%
<b>73</b> Iron and Steel Products	\$31,736,803	\$35,850,409	\$20,273,782	-43.4%
<b>98</b> Special Classification Provisions, Nesoi	\$12,157,431	\$15,795,955	\$19,477,738	23.3%
<b>72</b> Iron and Steel	\$12,691,275	\$18,481,494	\$19,007,729	2.8%
<b>40</b> Rubber and Articles Thereof	\$16,774,393	\$18,006,362	\$15,998,676	-11.1%
<b>29</b> Organic Chemicals	\$21,156,499	\$19,045,976	\$15,995,721	-16.0%
<b>34</b> Soap, Waxes, etc; Dental Preparations	\$26,045,346	\$19,360,959	\$15,493,617	-20.0%
<b>32</b> Tanning, Dye, Paint, Putty	\$23,010,855	\$10,824,571	\$12,972,910	19.8%
<b>33</b> Perfumery, Cosmetic, etc	\$8,024,200	\$11,275,510	\$10,238,070	-9.2%
<b>Multi</b> Remaining commodities	\$120,798,601	\$107,534,376	\$75,875,416	-29.4%

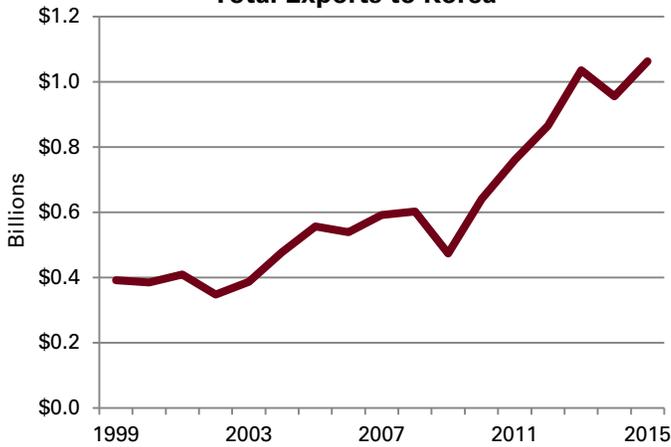
Value of Top Exports



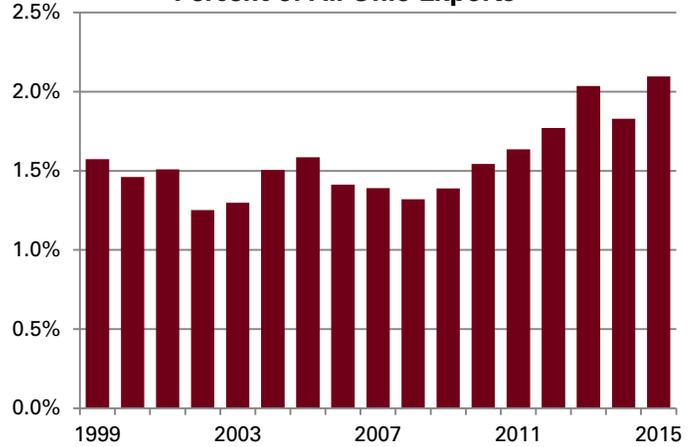
Distribution of Top Exports



Total Exports to Korea



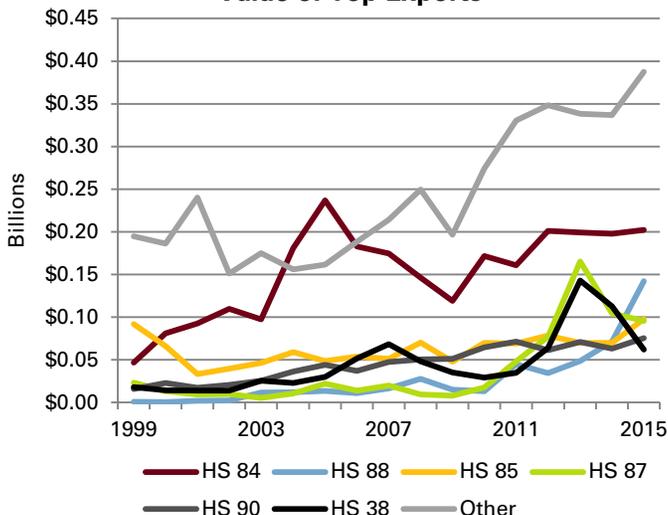
Percent of All Ohio Exports



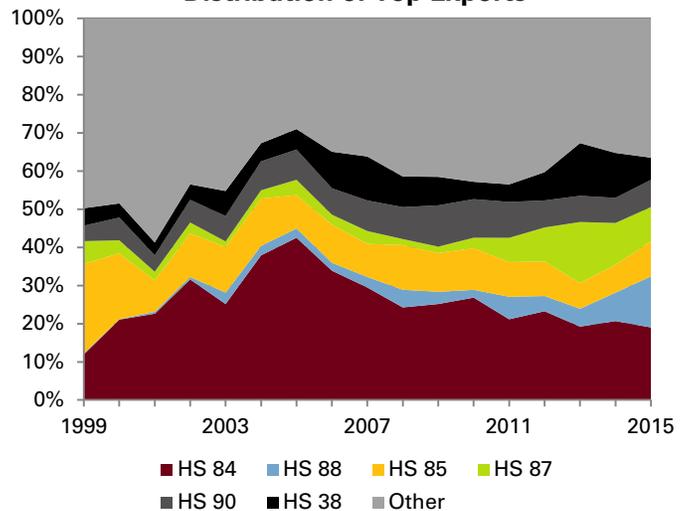
Harmonized  
Tariff Schedule

	2013	2014	2015	% Chng. 14 to 15
<b>TOTAL</b>	<b>\$1,035,161,176</b>	<b>\$955,813,110</b>	<b>\$1,062,767,395</b>	<b>11.2%</b>
<b>84</b> Industrial Machinery, Including Computers	\$199,114,882	\$197,637,573	\$202,093,981	2.3%
<b>88</b> Aircraft; Spacecraft and Parts	\$48,540,414	\$71,289,828	\$142,233,647	99.5%
<b>85</b> Electric Machinery; Sound Equip.; TV Equip.	\$69,801,246	\$69,880,440	\$97,684,867	39.8%
<b>87</b> Vehicles and Parts	\$165,457,747	\$104,587,534	\$95,502,893	-8.7%
<b>90</b> Optic, Photo; Medical Instruments	\$71,077,213	\$63,010,893	\$75,639,681	20.0%
<b>38</b> Miscellaneous Chemical Products	\$142,994,326	\$112,676,524	\$61,903,416	-45.1%
<b>73</b> Iron and Steel Products	\$16,058,213	\$23,714,789	\$50,298,768	112.1%
<b>39</b> Plastics and Articles Thereof	\$24,750,682	\$31,401,337	\$39,740,029	26.6%
<b>30</b> Pharmaceutical Products	\$31,832,881	\$39,779,790	\$36,455,915	-8.4%
<b>70</b> Glass and Glassware	\$25,052,072	\$15,201,525	\$21,707,496	42.8%
<b>34</b> Soap, Waxes, etc; Dental Preparations	\$25,246,719	\$28,631,609	\$19,277,346	-32.7%
<b>82</b> Tools, Implements, Cutlery of Base Metals	\$10,572,014	\$13,737,501	\$17,705,477	28.9%
<b>29</b> Organic Chemicals	\$15,042,930	\$17,075,876	\$17,320,104	1.4%
<b>32</b> Tanning, Dye, Paint, Putty	\$25,073,462	\$20,084,844	\$11,786,216	-41.3%
<b>98</b> Special Classification Provisions, Nesoi	\$1,651,305	\$4,251,934	\$10,612,799	149.6%
<b>Multi</b> Remaining commodities	\$162,895,070	\$142,851,113	\$162,804,760	14.0%

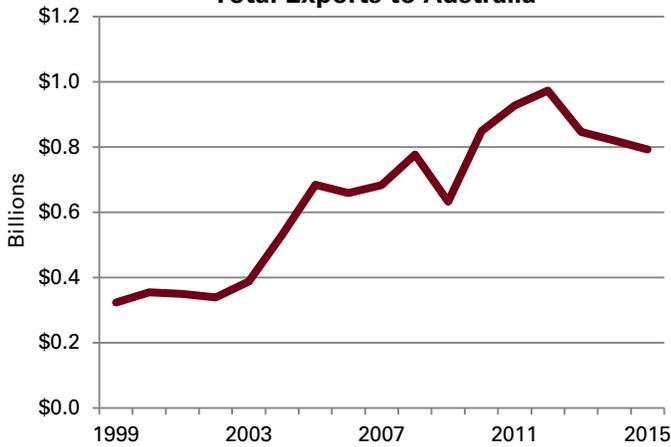
Value of Top Exports



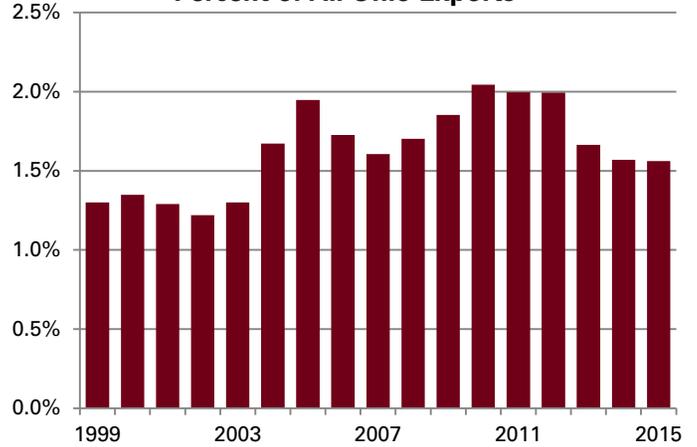
Distribution of Top Exports



Total Exports to Australia



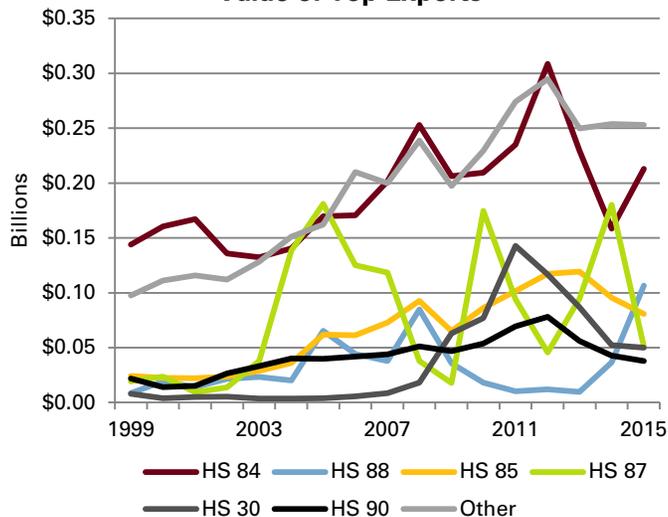
Percent of All Ohio Exports



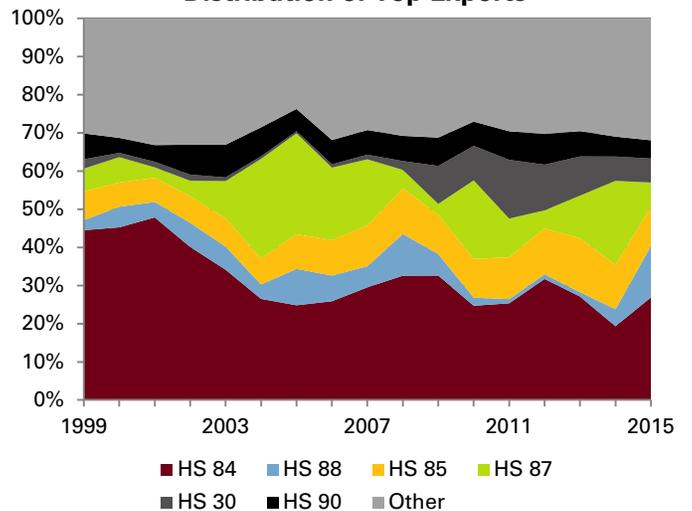
Harmonized  
Tariff Schedule

	2013	2014	2015	% Chng. 14 to 15
<b>TOTAL</b>	<b>\$846,162,177</b>	<b>\$819,590,657</b>	<b>\$792,161,892</b>	<b>-3.3%</b>
<b>84</b> Industrial Machinery, Including Computers	\$229,382,493	\$158,517,733	\$213,064,613	34.4%
<b>88</b> Aircraft; Spacecraft and Parts	\$9,741,334	\$36,572,581	\$106,540,851	191.3%
<b>85</b> Electric Machinery; Sound Equip.; TV Equip.	\$119,318,931	\$95,446,821	\$80,706,427	-15.4%
<b>87</b> Vehicles and Parts	\$94,794,838	\$180,183,639	\$51,231,235	-71.6%
<b>30</b> Pharmaceutical Products	\$86,922,410	\$52,280,353	\$49,894,265	-4.6%
<b>90</b> Optic, Photo; Medical Instruments	\$56,081,915	\$42,809,751	\$37,800,327	-11.7%
<b>33</b> Perfumery, Cosmetic, etc	\$18,755,275	\$27,656,981	\$34,592,727	25.1%
<b>39</b> Plastics and Articles Thereof	\$32,830,238	\$31,951,825	\$32,595,635	2.0%
<b>71</b> Precious Stones/Metals; Jewelry	\$25,244,608	\$23,438,029	\$23,524,337	0.4%
<b>73</b> Iron and Steel Products	\$16,072,917	\$20,594,257	\$17,035,634	-17.3%
<b>32</b> Tanning, Dye, Paint, Putty	\$12,532,059	\$11,693,813	\$14,832,018	26.8%
<b>38</b> Miscellaneous Chemical Products	\$11,994,757	\$9,782,942	\$13,548,092	38.5%
<b>34</b> Soap, Waxes, etc; Dental Preparations	\$9,675,070	\$11,311,875	\$12,647,546	11.8%
<b>40</b> Rubber and Articles Thereof	\$25,831,898	\$12,211,754	\$12,464,186	2.1%
<b>49</b> Printed Books, Newspapers, Manuscripts etc	\$6,930,757	\$11,680,780	\$10,466,942	-10.4%
<b>Multi</b> Remaining commodities	\$90,052,677	\$93,457,523	\$81,217,057	-13.1%

Value of Top Exports



Distribution of Top Exports



## Metropolitan Area Exports: 2014



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

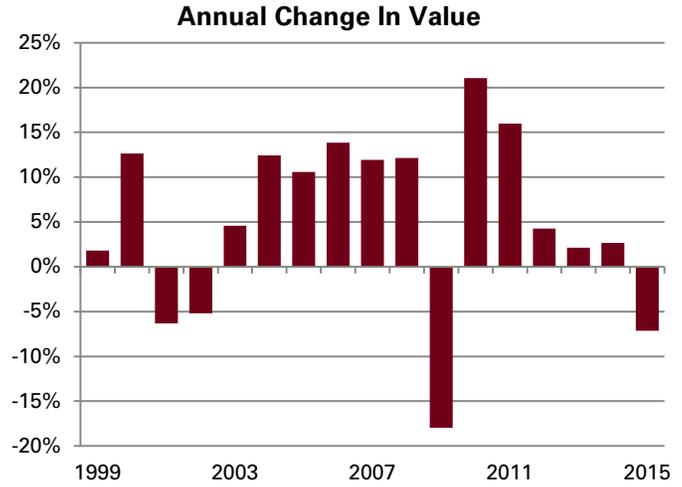


The Cincinnati-Middletown Metropolitan Area had exports of \$22.3 billion in 2014 which led the 14 metropolitan areas in Ohio. This figure represented a 6.2 percent increase over the previous year. More than half, \$11.5 billion, of the exports were in the transportation equipment sector with chemicals a distant second at \$2.8 billion. Canada was the leading destination with \$4.3 billion of the exports with Mexico second at \$3.2 billion.

The Cleveland-Elyria-Mentor Metropolitan Area was second in exports at \$10.7 billion, a decrease of 3.9 percent since 2013. Chemicals accounted for 21 percent of exports followed closely by machinery at 16 percent. With nearly \$3.1 billion in exports, Canada was the leading destination while Mexico was next at \$1.9 billion.

Third in exports was the Columbus Metropolitan Area at \$6.2 billion, an increase of 9.0 percent. Twenty percent of the exports, \$1.3 billion, were in the chemicals sector. Transportation accounted for \$877 million. Canada was the main recipient at \$2.0 billion followed by Mexico at \$1.1 billion.

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.

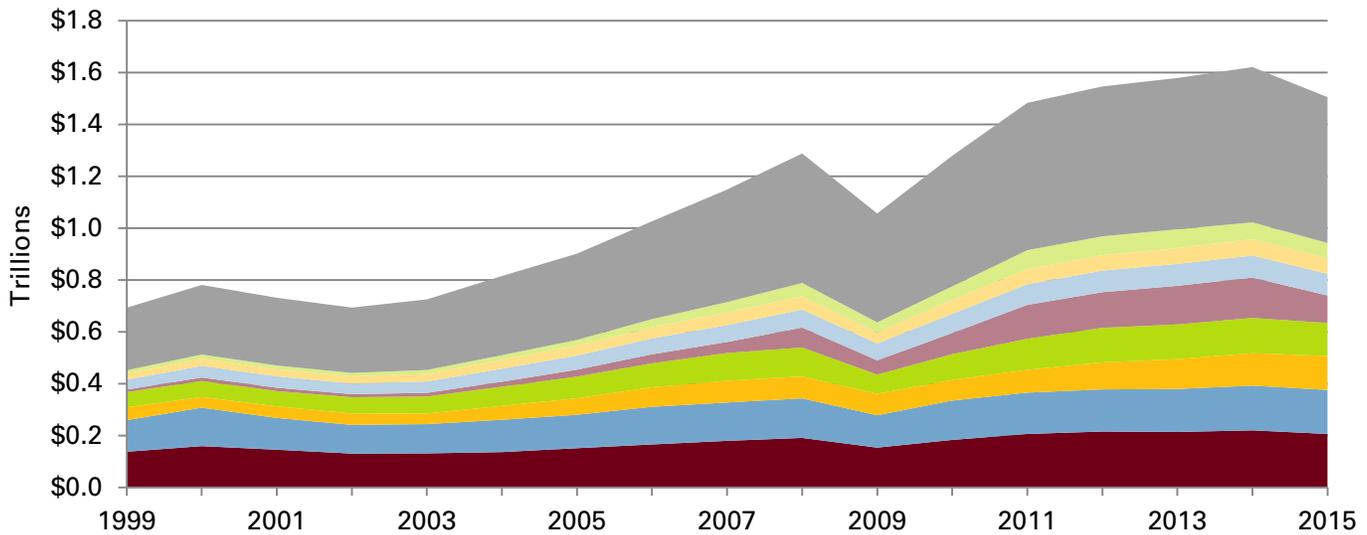


**US Top 25 Exported Commodities: 2015**

Harmonized Schedule Code		2013	2014	2015	% Chng. 14 to 15
	<b>Total All Commodities</b>	<b>\$1,578,439,230,852</b>	<b>\$1,620,531,899,958</b>	<b>\$1,504,597,470,614</b>	<b>-7.2%</b>
84	Ind. Machinery, Incl. Computers	\$213,482,188,398	\$219,766,258,659	\$205,821,018,248	-6.3%
85	Elec. Machinery; Sound/TV Equip.	\$165,841,745,974	\$172,368,326,841	\$169,754,568,815	-1.5%
88	Aircraft; Spacecraft and Parts	\$114,898,028,421	\$125,186,256,701	\$131,090,901,461	4.7%
87	Vehicles and Parts	\$134,084,551,978	\$135,972,388,386	\$127,113,562,372	-6.5%
27	Mineral Fuel, Oil, etc	\$148,872,444,476	\$155,608,248,140	\$106,143,320,090	-31.8%
90	Optic, Photo; Medical Instruments	\$84,353,330,091	\$84,966,350,298	\$83,385,720,661	-1.9%
39	Plastics and Articles Thereof	\$60,980,811,310	\$63,037,373,979	\$60,251,810,972	-4.4%
71	Precious Stones/Metals; Jewelry	\$72,493,904,123	\$64,878,657,499	\$58,726,497,549	-9.5%
30	Pharmaceutical Products	\$39,708,540,935	\$43,995,519,899	\$47,303,358,193	7.5%
98	Special Classification Provisions	\$42,135,938,136	\$43,237,138,519	\$42,888,023,597	-0.8%
29	Organic Chemicals	\$46,600,464,525	\$42,340,487,402	\$38,834,820,350	-8.3%
38	Miscellaneous Chemical Products	\$27,028,663,573	\$27,259,322,305	\$25,926,563,370	-4.9%
12	Oil Seed, Miscellaneous Grain	\$26,955,339,281	\$28,862,024,879	\$23,625,684,275	-18.1%
73	Iron and Steel Products	\$22,056,098,105	\$22,628,933,223	\$19,643,603,082	-13.2%
10	Cereals	\$20,300,976,057	\$22,850,742,210	\$18,821,765,563	-17.6%
48	Paper, Paperboard, etc	\$16,400,341,464	\$16,337,334,253	\$15,681,017,067	-4.0%
72	Iron and Steel	\$19,681,568,902	\$18,565,399,894	\$14,614,653,599	-21.3%
08	Edible Fruit and Nuts	\$14,533,192,331	\$14,858,265,029	\$14,472,233,547	-2.6%
02	Meat	\$16,276,931,868	\$17,570,516,824	\$14,260,711,366	-18.8%
40	Rubber and Articles Thereof	\$14,789,369,096	\$14,923,992,645	\$13,617,986,324	-8.8%
28	Inorganic Chemicals; Rare-Earths	\$12,435,825,208	\$12,665,077,658	\$12,380,046,337	-2.3%
76	Aluminum and Articles Thereof	\$13,053,200,275	\$12,736,128,398	\$12,039,672,792	-5.5%
33	Perfumery, Cosmetic, etc	\$11,133,098,893	\$11,551,622,120	\$11,804,951,359	2.2%
94	Furniture and Bedding	\$11,103,951,821	\$11,843,287,224	\$11,523,698,933	-2.7%
23	Food Ind. Residues; Animal Feed	\$11,780,243,469	\$11,957,904,602	\$11,226,645,576	-6.1%
Multi	Remaining commodities	\$217,458,482,142	\$224,564,342,371	\$213,644,635,116	-4.9%

# US Exports

## Top 8 Exported Products: 2015



Harmonized Schedule Code		2015 Value	% of All Exports
<b>Total All Commodities</b>		<b>\$1,504,597,470,614</b>	
<b>84</b>	Industrial Machinery	\$205,821,018,248	13.7%
<b>85</b>	Electric Machinery	\$169,754,568,815	11.3%
<b>88</b>	Aircraft and Parts	\$131,090,901,461	8.7%
<b>87</b>	Vehicles and Parts	\$127,113,562,372	8.4%
<b>27</b>	Mineral Fuel, Oil, etc	\$106,143,320,090	7.1%
<b>90</b>	Optic, Med. Instruments	\$83,385,720,661	5.5%
<b>39</b>	Plastics	\$60,251,810,972	4.0%
<b>71</b>	Precious Stones/Metals;Jewelry	\$58,726,497,549	3.9%
<b>Multi</b>	Remaining commodities	\$562,310,070,446	37.4%

### Top 10 Trading Partners - 2015

	2015 Value	Pct of 2015 Total
Total	\$1,504,597,470,614	
Canada	\$280,016,650,255	18.6%
Mexico	\$236,377,370,534	15.7%
China	\$116,186,262,295	7.7%
Japan	\$62,471,831,284	4.2%
United Kingdom	\$56,352,934,979	3.7%
Germany	\$49,946,651,212	3.3%
Korea	\$43,498,710,367	2.9%
Netherlands	\$40,706,219,362	2.7%
Hong Kong	\$37,174,296,010	2.5%
Belgium	\$34,114,716,653	2.3%
Others	\$547,751,827,663	36.4%

### Top 10 Trading Partners - 2013 to 2015

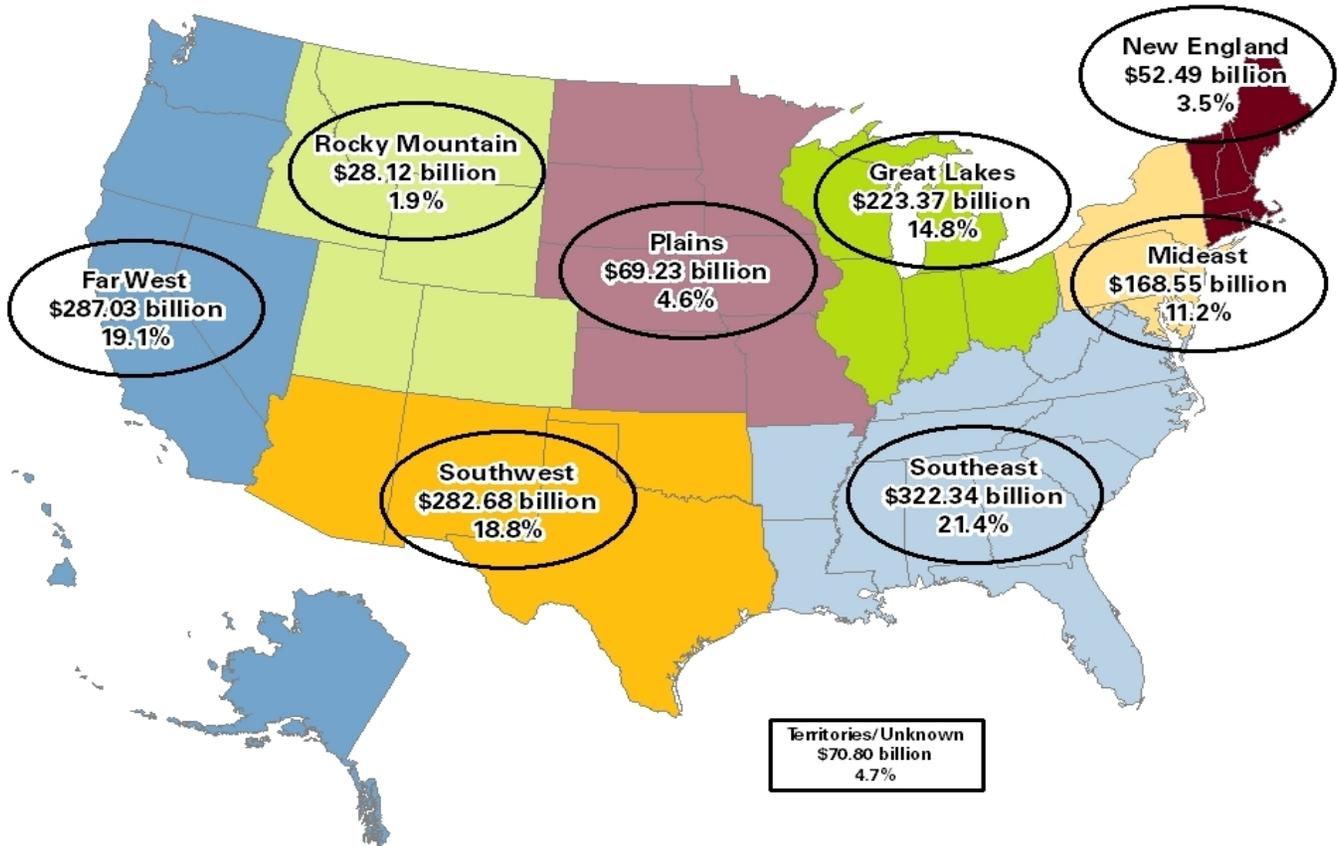
	2013 to 2015 Value	Pct of 3-yr Total
Total	\$4,703,568,601,424	
Canada	\$893,192,324,277	19.0%
Mexico	\$702,696,291,210	14.9%
China	\$361,583,078,588	7.7%
Japan	\$194,515,316,304	4.1%
United Kingdom	\$157,524,461,434	3.3%
Germany	\$146,671,977,066	3.1%
Korea	\$129,656,626,543	2.8%
Netherlands	\$126,288,479,237	2.7%
Hong Kong	\$120,372,330,323	2.6%
Brazil	\$118,188,025,164	2.5%
Others	\$1,752,879,691,278	37.3%

# Regional Exports

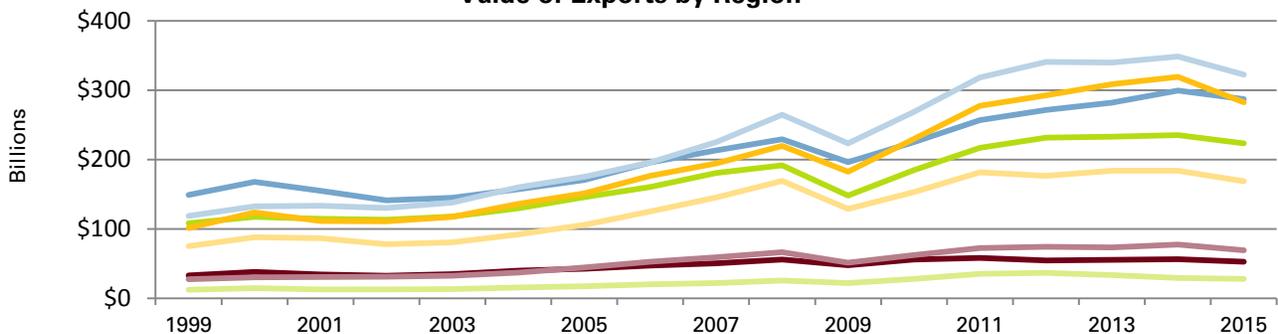


	2014	2015	% Share U.S.	% Chng. 14 to 15	Top Export	% Share Region
<b>U.S.</b>	<b>\$1,620,531,899,958</b>	<b>\$1,504,597,470,614</b>	<b>100.0%</b>	<b>-7.2%</b>	<b>Industrial Machinery</b>	<b>13.7%</b>
Far West	\$299,497,482,156	\$287,033,204,360	19.1%	-4.2%	Aircraft and Parts	22.2%
Great Lakes	\$235,310,538,248	\$223,365,447,012	14.8%	-5.1%	Vehicles and Parts	20.1%
Mideast	\$183,944,800,827	\$168,549,682,373	11.2%	-8.4%	Prec. Stones; Jewelry	19.5%
New England	\$56,309,842,521	\$52,493,664,535	3.5%	-6.8%	Electric Machinery	18.5%
Plains	\$77,636,933,335	\$69,228,147,266	4.6%	-10.8%	Industrial Machinery	15.0%
Rocky Mountain	\$29,082,861,533	\$28,115,360,760	1.9%	-3.3%	Prec. Stones; Jewelry	19.6%
Southeast	\$348,678,262,014	\$322,336,973,890	21.4%	-7.6%	Industrial Machinery	13.1%
Southwest	\$319,405,673,828	\$282,679,989,199	18.8%	-11.5%	Mineral Fuel, Oil, etc	20.5%
Territories/Unknown	\$70,665,505,496	\$70,795,001,219	4.7%	0.2%	---	---

Value and Share of US Exports by Region: 2015



Value of Exports by Region



**Exports by State**  
**Value and Top Export**



	2014	2015	% Share U.S.	% Chng. 14 to 15	Top Export	% Share State
<b>U.S.</b>	<b>\$1,620,531,899,958</b>	<b>\$1,504,597,470,614</b>	<b>100.0%</b>	<b>-7.2%</b>	<b>Industrial Machinery</b>	<b>13.7%</b>
Texas	\$288,048,985,741	\$251,087,317,313	16.7%	-12.8%	Mineral Fuel, Oil, etc	22.9%
California	\$173,811,625,400	\$165,367,013,266	11.0%	-4.9%	Electric Machinery	18.3%
Washington	\$90,547,036,334	\$86,353,155,264	5.7%	-4.6%	Aircraft and Parts	59.7%
New York	\$88,535,524,804	\$80,548,514,074	5.4%	-9.0%	Prec. Stones; Jewelry	35.6%
Illinois	\$68,246,837,088	\$63,402,314,659	4.2%	-7.1%	Industrial Machinery	19.4%
Florida	\$58,506,528,733	\$53,843,762,000	3.6%	-8.0%	Industrial Machinery	16.9%
Michigan	\$55,928,500,991	\$53,171,398,477	3.5%	-4.9%	Vehicles and Parts	40.6%
<b>Ohio</b>	<b>\$52,240,104,252</b>	<b>\$50,694,149,147</b>	<b>3.4%</b>	<b>-3.0%</b>	<b>Industrial Machinery</b>	<b>18.0%</b>
Louisiana	\$64,813,659,468	\$49,183,228,988	3.3%	-24.1%	Mineral Fuel, Oil, etc	33.8%
Pennsylvania	\$40,354,943,154	\$39,402,716,984	2.6%	-2.4%	Industrial Machinery	13.1%
Georgia	\$39,376,825,754	\$38,548,128,185	2.6%	-2.1%	Aircraft and Parts	18.1%
Indiana	\$35,467,036,651	\$33,652,462,197	2.2%	-5.1%	Vehicles and Parts	21.1%
Tennessee	\$32,940,171,718	\$32,430,880,458	2.2%	-1.5%	Industrial Machinery	20.8%
New Jersey	\$36,616,205,166	\$32,076,376,508	2.1%	-12.4%	Prec. Stones; Jewelry	11.0%
South Carolina	\$29,624,187,799	\$30,861,290,407	2.1%	4.2%	Vehicles and Parts	36.3%
North Carolina	\$31,376,674,756	\$30,017,528,435	2.0%	-4.3%	Industrial Machinery	17.1%
Kentucky	\$27,548,974,706	\$27,563,481,812	1.8%	0.1%	Aircraft and Parts	31.5%
Massachusetts	\$27,382,732,078	\$25,205,987,758	1.7%	-7.9%	Optic, Med. Instruments	22.7%
Arizona	\$21,247,546,752	\$22,563,229,110	1.5%	6.2%	Electric Machinery	27.6%
Wisconsin	\$23,428,059,266	\$22,445,122,532	1.5%	-4.2%	Industrial Machinery	26.0%
Oregon	\$20,889,449,679	\$20,083,833,371	1.3%	-3.9%	Electric Machinery	35.5%
Minnesota	\$21,408,254,499	\$19,988,332,220	1.3%	-6.6%	Optic, Med. Instruments	18.6%
Alabama	\$19,439,656,976	\$19,369,519,763	1.3%	-0.4%	Vehicles and Parts	40.1%
Virginia	\$19,255,244,148	\$18,136,736,372	1.2%	-5.8%	Industrial Machinery	12.8%
Connecticut	\$15,930,667,663	\$15,255,894,729	1.0%	-4.2%	Aircraft and Parts	44.1%
Missouri	\$14,140,665,981	\$13,616,732,443	0.9%	-3.7%	Vehicles and Parts	15.1%
Utah	\$12,305,529,420	\$13,281,643,416	0.9%	7.9%	Prec. Stones; Jewelry	40.3%
Iowa	\$15,092,200,558	\$13,113,615,750	0.9%	-13.1%	Industrial Machinery	17.4%
Mississippi	\$11,450,139,890	\$10,785,878,879	0.7%	-5.8%	Mineral Fuel, Oil, etc	30.4%
Kansas	\$12,045,822,292	\$10,685,939,963	0.7%	-11.3%	Aircraft and Parts	21.2%
Maryland	\$12,233,389,310	\$10,029,748,846	0.7%	-18.0%	Vehicles and Parts	15.8%
Nevada	\$7,691,517,557	\$8,658,322,005	0.6%	12.6%	Prec. Stones; Jewelry	54.5%
Colorado	\$8,337,260,753	\$7,977,922,451	0.5%	-4.3%	Optic, Med. Instruments	16.0%
Nebraska	\$7,863,497,581	\$6,555,848,972	0.4%	-16.6%	Meat	21.4%
Arkansas	\$6,860,016,662	\$5,874,322,405	0.4%	-14.4%	Electric Machinery	13.5%
West Virginia	\$7,486,181,404	\$5,722,216,186	0.4%	-23.6%	Mineral Fuel, Oil, etc	31.6%
Delaware	\$5,266,627,084	\$5,403,038,540	0.4%	2.6%	Pharmaceutical Products	25.0%
Oklahoma	\$6,308,690,348	\$5,257,794,259	0.3%	-16.7%	Industrial Machinery	37.2%
Alaska	\$5,110,729,449	\$4,675,197,667	0.3%	-8.5%	Fish & Crustaceans	50.2%
Idaho	\$5,137,445,142	\$4,295,520,434	0.3%	-16.4%	Electric Machinery	31.1%
New Hampshire	\$4,226,842,551	\$4,006,835,625	0.3%	-5.2%	Electric Machinery	33.0%
North Dakota	\$5,492,795,154	\$3,863,161,201	0.3%	-29.7%	Mineral Fuel, Oil, etc	40.2%
New Mexico	\$3,800,450,987	\$3,771,648,517	0.3%	-0.8%	Electric Machinery	42.5%
Vermont	\$3,669,277,804	\$3,176,214,931	0.2%	-13.4%	Electric Machinery	61.3%
Maine	\$2,711,573,626	\$2,724,103,343	0.2%	0.5%	Fish & Crustaceans	16.3%
Rhode Island	\$2,388,748,799	\$2,124,628,149	0.1%	-11.1%	Prec. Stones; Jewelry	26.4%
Hawaii	\$1,447,123,737	\$1,895,682,787	0.1%	31.0%	Aircraft and Parts	62.5%
South Dakota	\$1,593,697,270	\$1,404,516,717	0.1%	-11.9%	Industrial Machinery	24.0%
Montana	\$1,545,427,741	\$1,386,275,199	0.1%	-10.3%	Inorg. Chem.; Rare-Earths	19.6%
Wyoming	\$1,757,198,477	\$1,173,999,260	0.1%	-33.2%	Inorg. Chem.; Rare-Earths	77.4%
Dist. of Columbia	\$938,111,309	\$1,089,287,421	0.1%	16.1%	Electric Machinery	36.8%
Territories/Unknown	\$70,665,505,496	\$70,795,001,219	4.7%	0.2%	---	---

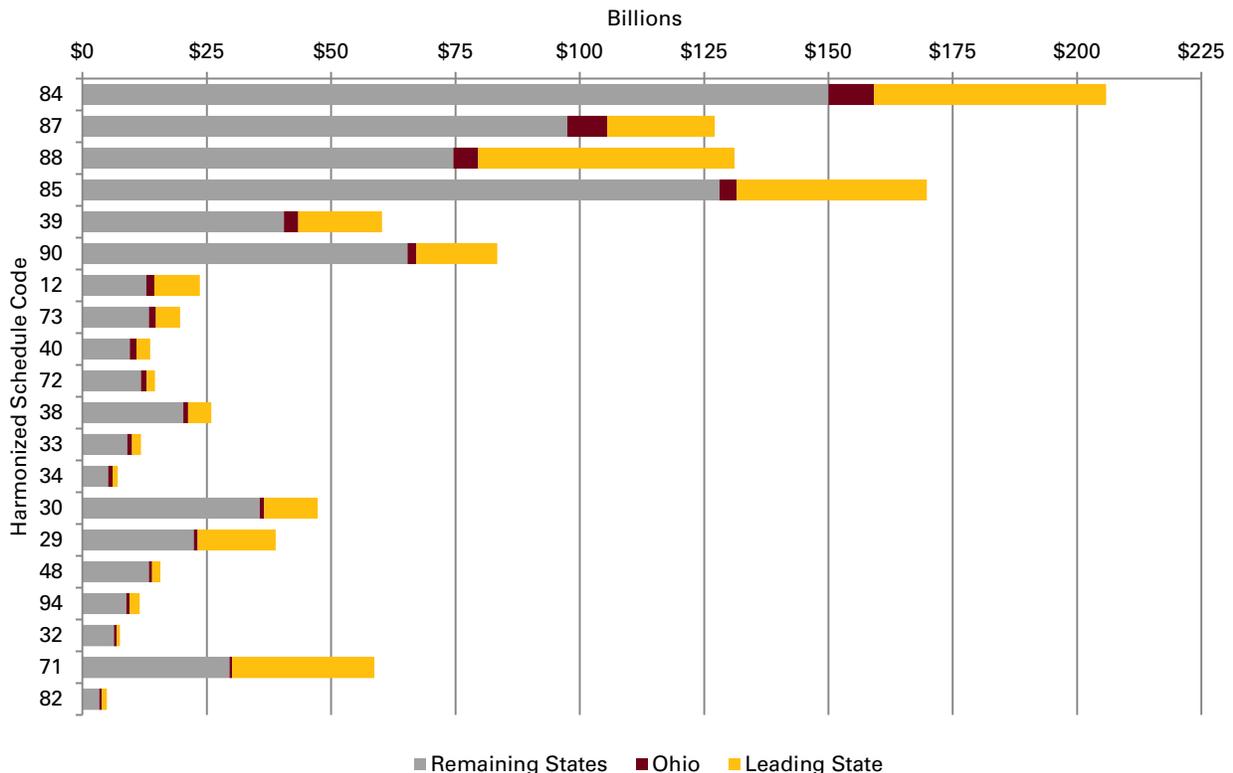
# Ohio's Top Twenty Exports

## State Rank and Share of U.S. Exports



Harmonized Schedule Code	Commodity	State Rank	Share of U.S. Exports	Leading State	Share of U.S. Exports
84	Industrial Machinery	4th	4.4%	Texas	22.7%
87	Vehicles and Parts	5th	6.3%	Michigan	17.0%
88	Aircraft; Spacecraft and Parts	8th	3.8%	Washington	39.3%
85	Electric Machinery; Sound/TV Equip.	11th	2.0%	Texas	22.5%
39	Plastics and Articles Thereof	3rd	4.8%	Texas	27.9%
90	Optic, Photo; Medical Instruments	14th	2.2%	California	19.5%
12	Oil Seed, Miscellaneous Grain	3rd	7.0%	Louisiana	38.7%
73	Iron and Steel Products	4th	7.2%	Texas	24.8%
40	Rubber and Articles Thereof	3rd	10.0%	Texas	20.0%
72	Iron and Steel	4th	8.2%	Texas	11.4%
38	Miscellaneous Chemical Products	7th	3.7%	Texas	18.1%
33	Perfumery, Cosmetic, etc	5th	8.0%	New Jersey	15.6%
34	Soap, Waxes, etc; Dental Preparations	2nd	12.8%	Texas	14.5%
30	Pharmaceutical Products	14th	1.9%	Puerto Rico	22.8%
29	Organic Chemicals	11th	2.0%	Texas	40.3%
48	Paper, Paperboard, Articles of Paper Pulp	11th	4.0%	Georgia	10.6%
94	Furniture and Bedding	4th	5.5%	Texas	17.8%
32	Tanning, Dye, Paint, Putty	2nd	7.9%	Mississippi	8.9%
71	Precious Stones/Metals; Jewelry	10th	0.9%	New York	48.8%
82	Tools, Implements, Cutlery of Base Metals	2nd	10.2%	Texas	21.0%

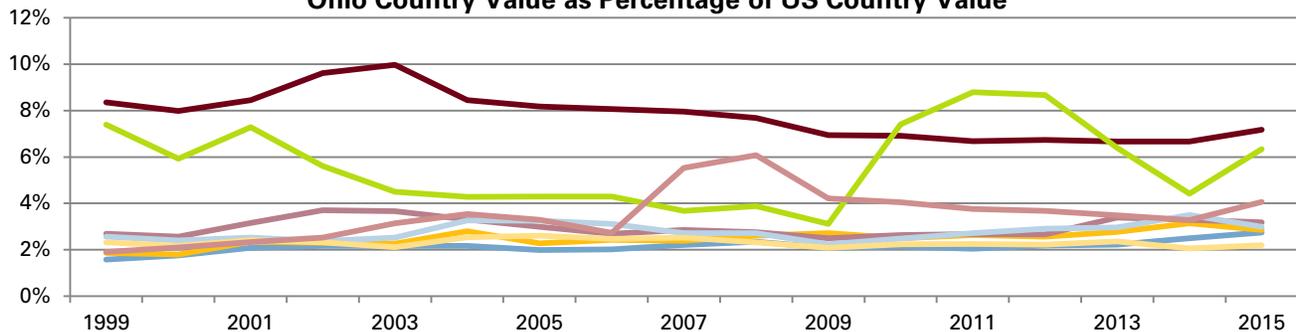
### U.S. Distribution of Ohio's Top Twenty Exports



## Ohio's Top 8 Destinations: 2015

Destination	Value of Ohio Exports (billions)	% of Ohio Exports	% Chng 14 to 15	US Rank	Value of US Exports (billions)	% of US Exports	% Chng 14 to 15
<b>Total Exports</b>	<b>\$50.69</b>	<b>100.0%</b>	<b>-3.0%</b>		<b>\$1,504.60</b>	<b>100.0%</b>	<b>-7.2%</b>
<b>Canada</b>	\$20.08	39.6%	-3.6%	1st	\$280.02	18.6%	-10.4%
<b>Mexico</b>	\$6.50	12.8%	8.2%	2nd	\$236.38	15.7%	-1.6%
<b>China</b>	\$3.31	6.5%	-14.6%	3rd	\$116.19	7.7%	-6.1%
<b>France</b>	\$1.90	3.8%	37.8%	12th	\$30.08	2.0%	-3.9%
<b>United Kingdom</b>	\$1.79	3.5%	1.0%	5th	\$56.35	3.7%	4.7%
<b>Germany</b>	\$1.49	2.9%	-13.5%	6th	\$49.95	3.3%	1.2%
<b>Japan</b>	\$1.37	2.7%	-0.1%	4th	\$62.47	4.2%	-6.5%
<b>Brazil</b>	\$1.28	2.5%	-7.7%	11th	\$31.67	2.1%	-25.4%
<b>Remainder</b>	\$12.96	25.6%	-6.6%		\$641.50	42.6%	-8.4%

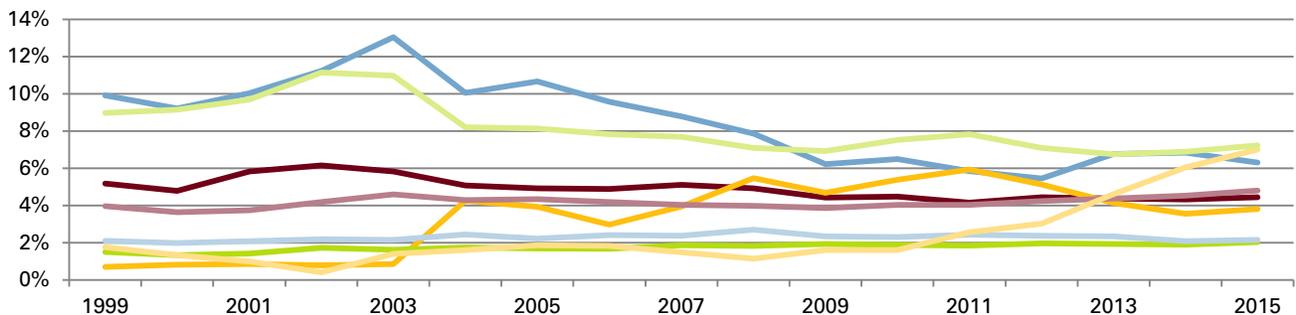
Ohio Country Value as Percentage of US Country Value



## Ohio's Top 8 Exported Products: 2015

Harmonized Schedule Code	Commodity	Value of Ohio Exports (billions)	% of Ohio Exports	% Chng 14 to 15	US Rank	Value of US Exports (billions)	% of US Exports	% Chng 14 to 15
	<b>Total Exports</b>	<b>\$50.69</b>	<b>100.0%</b>	<b>-3.0%</b>		<b>\$1,504.60</b>	<b>100.0%</b>	<b>-7.2%</b>
<b>84</b>	Industrial Machinery	\$9.14	18.0%	-3.8%	1st	\$205.82	13.7%	-6.3%
<b>87</b>	Vehicles and Parts	\$8.03	15.8%	-13.7%	4th	\$127.11	8.4%	-6.5%
<b>88</b>	Aircraft and Parts	\$4.99	9.8%	12.2%	3rd	\$131.09	8.7%	4.7%
<b>85</b>	Electric Machinery	\$3.44	6.8%	5.1%	2nd	\$169.75	11.3%	-1.5%
<b>39</b>	Plastics	\$2.90	5.7%	1.2%	7th	\$60.25	4.0%	-4.4%
<b>90</b>	Optic, Med. Instruments	\$1.79	3.5%	1.7%	6th	\$83.39	5.5%	-1.9%
<b>12</b>	Oil Seed, Misc. Grain	\$1.66	3.3%	-5.2%	13th	\$23.63	1.6%	-18.1%
<b>73</b>	Iron and Steel Products	\$1.42	2.8%	-9.0%	14th	\$19.64	1.3%	-13.2%
<b>Multi</b>	Remaining commodities	\$17.34	34.2%	-2.6%		\$683.91	45.5%	-10.9%

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		
	2015	Total 2013-15	Change 2014-15		2015	Total 2013-15	Change 2014-15
<b>Total</b>	<b>\$50,694.15</b>	<b>\$153,761.16</b>	<b>-3.0%</b>	<b>3.4%</b>	<b>\$1,504,597.47</b>	<b>\$4,703,568.60</b>	<b>-7.2%</b>
Canada	\$20,084.32	\$60,975.53	-3.6%	7.2%	\$280,016.65	\$893,192.32	-10.4%
Mexico	\$6,495.15	\$17,518.38	8.2%	2.7%	\$236,377.37	\$702,696.29	-1.6%
China	\$3,314.48	\$10,569.78	-14.6%	2.9%	\$116,186.26	\$361,583.08	-6.1%
France	\$1,904.00	\$5,314.42	37.8%	6.3%	\$30,077.23	\$93,113.30	-3.9%
United Kingdom	\$1,790.51	\$5,163.82	1.0%	3.2%	\$56,352.93	\$157,524.46	4.7%
Germany	\$1,492.29	\$4,621.80	-13.5%	3.0%	\$49,946.65	\$146,671.98	1.2%
Japan	\$1,369.40	\$4,278.88	-0.1%	2.2%	\$62,471.83	\$194,515.32	-6.5%
Brazil	\$1,284.18	\$4,210.90	-7.7%	4.1%	\$31,665.66	\$118,188.03	-25.4%
Korea, Republic Of	\$1,062.77	\$3,053.74	11.2%	2.4%	\$43,498.71	\$129,656.63	-2.2%
Australia	\$792.16	\$2,457.91	-3.3%	3.2%	\$25,037.75	\$77,741.92	-5.8%
Netherlands	\$656.98	\$2,198.03	-16.1%	1.6%	\$40,706.22	\$126,288.48	-5.5%
Singapore	\$568.26	\$1,820.12	-17.9%	2.0%	\$28,656.70	\$89,560.89	-5.2%
Switzerland	\$565.05	\$1,692.15	-8.6%	2.5%	\$22,287.48	\$71,022.58	0.5%
Belgium	\$546.23	\$1,582.96	-4.5%	1.6%	\$34,114.72	\$100,831.91	-1.9%
Italy	\$534.36	\$1,787.71	-28.5%	3.3%	\$16,249.16	\$49,971.22	-4.2%
Taiwan	\$512.08	\$1,418.10	12.8%	2.0%	\$25,928.70	\$78,069.18	-2.8%
United Arab Emirates	\$500.87	\$1,749.30	-12.2%	2.2%	\$22,979.15	\$69,500.88	4.1%
India	\$445.46	\$1,218.06	14.8%	2.1%	\$21,529.61	\$64,948.47	-0.4%
Hong Kong	\$431.48	\$1,383.77	-13.6%	1.2%	\$37,174.30	\$120,372.33	-9.0%
Thailand	\$426.38	\$1,144.12	9.2%	3.8%	\$11,246.97	\$34,853.89	-4.8%
Saudi Arabia	\$332.02	\$1,751.16	-37.8%	1.7%	\$19,690.18	\$57,355.25	5.3%
Malaysia	\$298.71	\$863.35	7.9%	2.4%	\$12,292.55	\$38,367.54	-5.9%
Indonesia	\$274.23	\$740.82	45.9%	3.9%	\$7,122.88	\$24,503.73	-14.0%
Bangladesh	\$269.03	\$406.81	112.8%	28.4%	\$948.08	\$2,770.26	-14.8%
Hungary	\$262.33	\$677.87	6.1%	15.3%	\$1,714.32	\$5,284.04	-7.0%
Spain	\$238.65	\$624.08	10.5%	2.3%	\$10,248.89	\$30,693.39	0.5%
Turkey	\$233.49	\$740.63	-12.2%	2.4%	\$9,556.33	\$33,275.12	-17.9%
Russia	\$232.04	\$1,288.71	-53.2%	3.3%	\$7,086.66	\$28,983.95	-34.1%
Israel	\$223.07	\$683.23	-7.6%	1.6%	\$13,561.52	\$42,386.75	-10.1%
Sweden	\$203.53	\$725.02	-20.1%	5.2%	\$3,931.95	\$12,590.31	-9.4%
Chile	\$188.19	\$747.03	-26.3%	1.2%	\$15,587.08	\$49,619.36	-5.6%
South Africa	\$182.62	\$539.73	3.2%	3.3%	\$5,459.16	\$19,122.23	-14.3%
Colombia	\$174.91	\$515.28	1.8%	1.1%	\$16,503.13	\$54,979.04	-17.9%
Qatar	\$169.54	\$455.15	74.3%	4.0%	\$4,231.84	\$14,363.63	-18.2%
Poland	\$167.95	\$443.44	8.0%	4.5%	\$3,718.12	\$11,156.60	1.6%
Vietnam	\$162.05	\$348.47	54.1%	2.3%	\$7,071.70	\$17,842.34	23.3%
Argentina	\$142.36	\$449.07	-3.7%	1.5%	\$9,335.73	\$30,509.76	-13.8%
Philippines	\$130.31	\$373.60	8.4%	1.6%	\$7,908.85	\$24,765.71	-6.4%
Ireland	\$96.78	\$346.36	-14.5%	1.1%	\$8,945.72	\$23,384.45	14.6%
Venezuela	\$86.53	\$350.14	-21.0%	1.0%	\$8,317.20	\$32,656.11	-25.3%
Peru	\$86.06	\$309.51	-22.0%	1.0%	\$8,811.44	\$28,984.18	-12.4%
Austria	\$85.31	\$265.27	-15.8%	2.1%	\$4,025.94	\$11,370.48	5.3%
Egypt	\$84.62	\$213.19	54.4%	1.8%	\$4,748.30	\$16,396.23	-26.6%
Guatemala	\$77.17	\$220.14	6.6%	1.3%	\$5,863.82	\$17,380.00	-1.7%
New Zealand	\$72.71	\$268.07	-15.2%	2.0%	\$3,634.12	\$11,117.39	-14.6%

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## Ohio and U.S. Exports by Country

Value in Millions

	Ohio			Ohio's Share of U.S.	US		
	2015	Total 2013-15	Change 2014-15		2015	Total 2013-15	Change 2014-15
Oman	\$66.68	\$184.71	103.7%	2.8%	\$2,364.23	\$5,951.40	17.3%
Kuwait	\$62.54	\$264.39	-7.2%	2.3%	\$2,750.63	\$8,996.79	-24.6%
Jordan	\$61.82	\$111.13	95.9%	4.5%	\$1,367.92	\$5,502.35	-33.3%
Panama	\$60.42	\$214.59	-6.9%	0.8%	\$7,836.32	\$28,868.19	-25.1%
Costa Rica	\$60.10	\$201.85	-11.8%	1.0%	\$6,149.87	\$20,337.35	-11.7%
Ethiopia	\$56.66	\$133.29	-21.7%	3.6%	\$1,554.72	\$3,912.20	-6.8%
Ecuador	\$51.59	\$188.46	-15.1%	0.9%	\$5,891.50	\$21,721.51	-27.8%
Finland	\$48.46	\$148.85	-1.9%	3.1%	\$1,572.49	\$6,071.69	-26.9%
Georgia	\$48.36	\$54.81	1262.3%	14.1%	\$341.88	\$1,570.67	-45.5%
Portugal	\$47.95	\$115.19	68.3%	5.1%	\$939.75	\$2,919.76	-17.2%
Dominican Republic	\$46.52	\$147.47	-0.9%	0.7%	\$7,134.17	\$22,211.89	-9.9%
Czech Republic	\$46.25	\$148.04	-2.1%	2.3%	\$1,978.50	\$6,224.25	-14.1%
Norway	\$44.27	\$250.80	-61.8%	1.2%	\$3,598.11	\$12,636.40	-18.6%
Nigeria	\$42.50	\$246.36	-53.0%	1.2%	\$3,410.33	\$15,766.96	-42.9%
Denmark	\$37.74	\$136.90	-33.4%	1.7%	\$2,224.11	\$6,815.89	-5.8%
Algeria	\$35.55	\$66.25	33.8%	1.9%	\$1,876.46	\$6,342.16	-28.3%
Luxembourg	\$35.49	\$106.79	-23.4%	2.5%	\$1,402.76	\$4,767.77	-7.5%
Honduras	\$34.79	\$113.67	-14.0%	0.7%	\$5,238.38	\$16,571.96	-12.1%
El Salvador	\$34.27	\$101.83	7.1%	1.1%	\$3,258.25	\$9,836.78	-1.4%
Romania	\$31.84	\$94.04	21.8%	4.2%	\$754.36	\$2,478.35	-22.8%
Tunisia	\$29.34	\$87.22	4.1%	5.2%	\$559.75	\$2,261.33	-32.7%
Morocco	\$28.41	\$70.11	40.1%	1.8%	\$1,608.42	\$6,194.39	-23.5%
Pakistan	\$26.36	\$84.17	-13.9%	1.4%	\$1,837.84	\$4,995.77	21.5%
Trinidad And Tobago	\$25.88	\$112.36	-4.6%	1.0%	\$2,511.61	\$7,326.81	4.2%
Azerbaijan	\$22.33	\$52.17	72.5%	4.8%	\$469.84	\$1,801.11	-50.6%
Bahrain	\$21.90	\$111.14	36.4%	1.7%	\$1,274.05	\$3,351.72	20.2%
Papua New Guinea	\$19.74	\$25.88	1402.1%	9.5%	\$207.50	\$517.47	44.9%
Lebanon	\$19.28	\$63.30	-3.1%	1.5%	\$1,256.34	\$3,559.15	-1.0%
Uruguay	\$16.18	\$68.85	-32.0%	1.2%	\$1,301.91	\$4,662.39	-18.9%
Slovakia	\$15.07	\$39.21	18.7%	4.0%	\$380.81	\$1,121.77	-14.5%
Jamaica	\$12.96	\$80.35	-21.9%	0.8%	\$1,705.91	\$5,867.54	-21.8%
Nicaragua	\$12.23	\$39.96	2.8%	1.0%	\$1,256.51	\$3,324.78	24.6%
Ukraine	\$10.66	\$122.81	-64.1%	1.2%	\$859.58	\$4,024.15	-30.7%
Iraq	\$10.64	\$72.80	-54.4%	0.5%	\$1,969.64	\$6,097.12	-6.5%
Ghana	\$10.53	\$38.57	1.7%	1.2%	\$887.25	\$3,055.88	-25.2%
Kazakhstan	\$9.98	\$157.76	-91.3%	2.0%	\$508.71	\$2,667.82	-49.6%
Macao	\$9.55	\$25.74	8.6%	1.8%	\$542.28	\$1,326.89	25.1%
Sri Lanka	\$8.88	\$22.98	14.0%	2.4%	\$372.12	\$1,034.38	6.2%
Bahamas	\$8.26	\$23.48	19.5%	0.3%	\$2,388.84	\$9,163.62	-28.1%
Lithuania	\$7.90	\$25.88	7.7%	1.5%	\$528.10	\$2,063.54	-22.5%
Bolivia	\$7.60	\$24.53	17.9%	0.8%	\$910.01	\$2,970.74	-9.9%
Slovenia	\$7.57	\$19.06	22.5%	2.1%	\$367.38	\$938.13	22.0%
Paraguay	\$7.16	\$19.76	0.3%	0.5%	\$1,503.48	\$5,551.97	-28.9%
Greece	\$6.13	\$54.02	-67.4%	0.8%	\$729.53	\$2,241.76	-5.6%
Estonia	\$5.36	\$27.71	-39.1%	1.9%	\$288.72	\$890.35	-6.4%
Iceland	\$4.95	\$14.25	-0.8%	1.3%	\$388.61	\$1,266.47	6.6%

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## Ohio and U.S. Exports by Country

Value in Millions

	Ohio			Ohio's Share of U.S.	US		
	2015	Total 2013-15	Change 2014-15		2015	Total 2013-15	Change 2014-15
Barbados	\$4.64	\$14.69	9.5%	0.8%	\$591.57	\$1,583.65	9.6%
Cayman Islands	\$4.50	\$14.46	12.6%	0.7%	\$684.79	\$2,179.37	-15.9%
Haiti	\$4.47	\$22.40	-27.7%	0.4%	\$1,143.95	\$3,647.34	-10.4%
Serbia	\$4.23	\$16.59	-0.1%	3.4%	\$126.11	\$403.19	-6.7%
Cambodia	\$4.23	\$8.65	177.5%	1.1%	\$392.37	\$961.53	19.6%
Belarus	\$3.91	\$12.81	8.4%	6.6%	\$59.26	\$247.79	-36.5%
Senegal	\$3.77	\$6.74	142.5%	1.9%	\$196.88	\$598.67	14.1%
Tanzania	\$3.73	\$8.36	36.3%	2.2%	\$171.12	\$885.24	-43.4%
Kenya	\$3.69	\$19.15	-33.9%	0.4%	\$936.76	\$3,213.35	-42.9%
Latvia	\$3.63	\$18.69	-56.2%	1.2%	\$294.81	\$1,217.55	-31.1%
Croatia	\$3.23	\$7.33	13.8%	1.0%	\$331.93	\$980.49	-2.3%
Brunei	\$3.05	\$10.76	-18.2%	2.3%	\$133.42	\$1,240.92	-75.7%
Bermuda	\$2.96	\$12.76	-22.1%	0.5%	\$600.89	\$1,784.69	-7.0%
Bulgaria	\$2.88	\$20.68	-57.5%	1.0%	\$289.47	\$955.57	-19.3%
Benin	\$2.68	\$8.24	-13.3%	0.4%	\$632.08	\$2,018.39	-19.1%
Niger	\$2.57	\$3.10	587.0%	3.6%	\$71.60	\$176.21	22.4%
Angola	\$2.52	\$13.62	-64.9%	0.2%	\$1,163.51	\$4,646.07	-42.9%
Iran	\$2.37	\$8.78	-37.9%	0.8%	\$282.17	\$776.86	51.3%
Guinea	\$2.29	\$4.89	51.7%	1.7%	\$134.53	\$279.17	106.4%
Guyana	\$2.19	\$11.85	-38.3%	0.6%	\$367.40	\$1,055.75	-0.7%
Cyprus	\$1.94	\$6.43	-24.7%	1.9%	\$101.83	\$396.71	-32.9%
Sint Maarten	\$1.85	\$6.48	-8.2%	0.3%	\$732.05	\$2,347.31	-6.4%
Afghanistan	\$1.79	\$13.80	-69.2%	0.4%	\$499.75	\$2,701.78	-36.9%
New Caledonia	\$1.75	\$6.14	-36.6%	2.0%	\$88.56	\$282.62	-26.9%
Liberia	\$1.73	\$5.39	-30.1%	1.3%	\$135.85	\$493.50	-26.3%
Malta And Gozo	\$1.67	\$4.78	-18.5%	0.4%	\$471.50	\$1,952.68	-48.6%
Sierra Leone	\$1.61	\$3.87	80.2%	2.1%	\$77.91	\$248.23	-11.4%
Liechtenstein	\$1.57	\$6.93	-50.2%	4.4%	\$35.93	\$89.07	15.5%
Curacao	\$1.54	\$6.57	39.5%	0.3%	\$502.65	\$1,802.18	-17.8%
Burma (Myanmar)	\$1.47	\$5.28	154.1%	0.6%	\$227.31	\$466.00	144.8%
Cameroon	\$1.47	\$4.57	-16.5%	0.7%	\$220.88	\$857.68	-26.6%
Ivory Coast	\$1.25	\$4.43	34.8%	0.5%	\$264.02	\$670.68	10.4%
Congo, Democratic Republic	\$1.24	\$3.84	-13.6%	0.9%	\$136.38	\$488.03	-25.0%
Zambia	\$1.24	\$7.81	-71.5%	1.5%	\$84.17	\$339.44	-26.2%
Uganda	\$1.16	\$3.45	11.4%	1.3%	\$89.58	\$290.59	14.5%
Djibouti	\$1.14	\$2.25	42.4%	0.7%	\$152.73	\$428.09	37.8%
Belize	\$1.11	\$5.95	-24.0%	0.4%	\$284.50	\$762.38	20.2%
Fiji	\$1.11	\$3.05	-3.0%	1.9%	\$57.42	\$203.87	-27.8%
Mozambique	\$1.09	\$13.98	-85.1%	0.4%	\$264.56	\$942.74	-29.5%
Armenia	\$1.04	\$4.33	58.7%	2.1%	\$50.24	\$201.93	-16.9%
Gabon	\$1.04	\$3.97	-37.4%	0.5%	\$203.93	\$929.26	-51.1%
Mali	\$1.03	\$2.70	114.7%	1.4%	\$72.23	\$160.59	87.8%
French Polynesia	\$1.01	\$3.18	-10.6%	0.8%	\$120.11	\$375.94	-7.3%
Grenada	\$0.98	\$2.79	49.8%	1.1%	\$90.10	\$269.33	7.3%
Suriname	\$0.96	\$3.84	-27.0%	0.2%	\$444.14	\$1,412.60	-14.4%
Namibia	\$0.91	\$2.44	67.0%	0.7%	\$127.93	\$705.92	-62.7%

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## Ohio and U.S. Exports by Country

Value in Millions

	Ohio			Ohio's Share of U.S.	US		
	2015	Total 2013-15	Change 2014-15		2015	Total 2013-15	Change 2014-15
Turkmenistan	\$0.79	\$5.32	19.7%	1.0%	\$80.59	\$797.89	-82.3%
Malawi	\$0.78	\$1.76	73.4%	2.2%	\$36.01	\$141.17	-28.9%
Mauritius	\$0.77	\$2.86	8.7%	1.3%	\$58.46	\$135.74	66.0%
Uzbekistan	\$0.77	\$63.28	-91.1%	0.6%	\$138.01	\$707.39	-35.2%
Togo	\$0.76	\$1.25	194.1%	0.3%	\$234.02	\$2,266.21	-77.2%
Cape Verde	\$0.74	\$0.99	259.5%	10.2%	\$7.30	\$23.72	0.3%
Swaziland	\$0.74	\$2.21	-6.5%	2.6%	\$28.63	\$77.03	11.3%
Aruba	\$0.74	\$7.55	-74.6%	0.1%	\$1,154.79	\$3,612.72	-15.0%
British Virgin Islands	\$0.73	\$2.25	35.2%	0.3%	\$259.53	\$958.97	-32.9%
Libya	\$0.69	\$9.58	-74.2%	0.3%	\$218.00	\$1,614.37	-59.0%
Dominica	\$0.68	\$3.18	-6.5%	1.0%	\$67.27	\$209.14	4.8%
Zimbabwe	\$0.67	\$2.28	-10.1%	1.9%	\$36.47	\$145.69	-25.1%
St. Lucia	\$0.67	\$2.95	-41.6%	0.1%	\$495.51	\$1,783.63	-28.6%
Albania	\$0.66	\$1.49	139.5%	2.2%	\$30.82	\$156.47	-39.9%
Mauritania	\$0.63	\$4.01	-65.5%	0.5%	\$126.97	\$521.69	-14.9%
St.Christopher-Nevis	\$0.63	\$2.20	81.4%	0.4%	\$149.77	\$477.31	-18.9%
Madagascar	\$0.61	\$5.60	-71.2%	1.1%	\$54.56	\$165.37	16.6%
Mongolia	\$0.56	\$5.77	-52.3%	0.8%	\$69.36	\$516.40	-58.6%
Antigua	\$0.56	\$2.70	-42.0%	0.1%	\$670.37	\$1,032.13	209.5%
Republic Of Yemen	\$0.49	\$4.98	-75.8%	0.3%	\$158.79	\$1,045.92	-57.0%
Turks And Caicos Islands	\$0.46	\$2.03	-62.0%	0.2%	\$279.62	\$787.31	-0.8%
Burkina	\$0.44	\$1.52	52.2%	0.8%	\$54.44	\$204.34	-24.7%
Reunion	\$0.43	\$1.36	-51.9%	6.2%	\$6.90	\$26.74	-37.7%
Rwanda	\$0.37	\$0.80	160.0%	2.6%	\$14.30	\$60.71	-32.6%
St. Vincent	\$0.35	\$13.37	-23.2%	0.4%	\$84.82	\$281.58	-18.1%
Nepal	\$0.35	\$1.12	-1.0%	0.9%	\$36.48	\$105.26	0.6%
The Gambia	\$0.34	\$0.81	20.8%	0.9%	\$37.84	\$113.51	-8.9%
Moldova	\$0.33	\$3.69	-87.8%	2.0%	\$16.26	\$97.13	-53.9%
Tajikistan	\$0.32	\$1.23	-15.2%	1.7%	\$18.76	\$95.14	-23.4%
Anguilla	\$0.32	\$0.73	8.6%	0.7%	\$47.57	\$141.78	-24.7%
Congo, Republic Of	\$0.31	\$1.51	-57.0%	0.1%	\$248.52	\$792.39	-22.7%
San Marino	\$0.28	\$0.33	n.a.	5.6%	\$5.01	\$12.86	-16.2%
Marshall Islands	\$0.26	\$0.38	2279.6%	0.3%	\$81.02	\$241.22	-14.5%
Monaco	\$0.26	\$0.28	9102.6%	0.4%	\$71.24	\$664.76	-44.2%
Martinique	\$0.26	\$1.18	-69.6%	0.2%	\$118.97	\$791.37	-59.1%
French Guiana	\$0.26	\$0.40	126.2%	0.0%	\$1,073.32	\$1,985.54	281.9%
Botswana	\$0.25	\$0.95	-54.3%	0.6%	\$39.04	\$174.00	-26.1%
East Timor	\$0.25	\$0.40	113.3%	9.3%	\$2.69	\$5.34	109.1%
South Sudan	\$0.25	\$0.60	13.8%	1.3%	\$19.07	\$79.10	-59.1%
Vatican City	\$0.24	\$0.29	n.a.	10.8%	\$2.23	\$7.27	-13.5%
Macedonia	\$0.22	\$1.55	-74.6%	0.7%	\$30.94	\$119.57	-8.6%
Faroe Island	\$0.21	\$0.28	198.0%	8.8%	\$2.34	\$7.15	-1.0%
Somalia	\$0.20	\$1.35	-83.0%	0.4%	\$45.80	\$97.41	28.5%
Laos	\$0.19	\$0.49	87.6%	0.8%	\$24.58	\$77.47	-13.7%
Kyrgyzstan	\$0.16	\$1.82	-58.5%	0.5%	\$31.65	\$209.58	-55.8%
Bhutan	\$0.14	\$0.24	433.0%	5.4%	\$2.64	\$7.41	9.0%

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## Ohio and U.S. Exports by Country

Value in Millions

	Ohio			Ohio's Share of U.S.	US		
	2015	Total 2013-15	Change 2014-15		2015	Total 2013-15	Change 2014-15
Bosnia-Herzegovina	\$0.14	\$4.22	-9.8%	0.5%	\$27.55	\$112.11	-40.2%
Palau	\$0.14	\$0.33	190.0%	0.5%	\$25.74	\$64.50	25.4%
Chad	\$0.13	\$0.65	-27.7%	0.2%	\$56.53	\$164.49	-15.0%
Central African Republic	\$0.11	\$0.22	633.6%	0.3%	\$33.92	\$70.35	5.0%
Maldiv Islands	\$0.10	\$0.59	-58.8%	0.3%	\$35.19	\$92.95	21.4%
Equatorial Guinea	\$0.10	\$0.80	-81.8%	0.1%	\$158.54	\$1,489.47	-72.4%
Mayotte	\$0.09	\$0.34	-55.0%	1.5%	\$5.76	\$26.47	-52.8%
Sudan	\$0.08	\$0.74	-22.1%	0.1%	\$60.28	\$225.73	-21.9%
Western Samoa	\$0.07	\$0.48	-76.7%	0.3%	\$22.69	\$74.04	-1.1%
Montenegro	\$0.06	\$0.59	-15.9%	0.5%	\$11.13	\$51.00	-38.8%
Comoros	\$0.06	\$0.06	n.a.	3.9%	\$1.51	\$8.45	-56.4%
Seychelles	\$0.05	\$0.34	-47.7%	0.3%	\$18.54	\$43.42	46.2%
Guadeloupe	\$0.05	\$1.10	-93.5%	0.1%	\$101.67	\$1,170.72	-76.2%
Tokelau Islands	\$0.04	\$0.17	-65.2%	13.2%	\$0.34	\$2.52	-74.6%
Burundi	\$0.03	\$0.25	-72.7%	0.6%	\$5.85	\$28.16	4.6%
Fedrated States Of Micronesia	\$0.03	\$1.27	-31.5%	0.1%	\$40.07	\$123.18	-3.5%
Montserrat	\$0.03	\$0.17	-36.9%	0.5%	\$6.64	\$24.44	-27.7%
Tuvalu Islands	\$0.03	\$0.03	n.a.	4.1%	\$0.63	\$1.78	5.7%
Vanuatu	\$0.02	\$0.07	557.6%	0.4%	\$5.87	\$61.49	-72.3%
Christmas Island	\$0.02	\$0.03	n.a.	1.5%	\$1.55	\$2.19	818.2%
Kosovo	\$0.02	\$0.09	-59.5%	0.1%	\$19.74	\$50.63	20.8%
Lesotho	\$0.02	\$0.06	-2.3%	2.5%	\$0.88	\$3.90	-64.0%
Solomon Islands	\$0.02	\$0.03	74.2%	0.4%	\$5.86	\$21.39	-11.2%
Tonga	\$0.02	\$0.09	143.4%	0.2%	\$13.80	\$53.07	-31.1%
Syria	\$0.01	\$0.01	n.a.	0.3%	\$3.36	\$31.80	-50.5%
Svalbard, Jan Mayen Island	\$0.01	\$0.01	n.a.	2.6%	\$0.38	\$5.41	-88.8%
Gibraltar	\$0.01	\$0.52	-98.2%	0.0%	\$2,005.49	\$8,112.76	-20.8%
Cook Islands	\$0.01	\$0.01	137.8%	0.2%	\$4.25	\$14.61	-22.5%
Cocos Islands	\$0.01	\$0.01	-39.4%	0.9%	\$0.56	\$28.77	-90.8%
Falkland Islands	\$0.00	\$0.02	-59.8%	0.1%	\$2.92	\$12.00	-62.8%
North Korea	\$0.00	\$0.00	n.a.	0.1%	\$4.75	\$35.36	-80.2%
Eritrea	\$0.00	\$0.39	-100.0%	0.0%	\$3.50	\$22.30	-34.4%
Fr.Sthern.,Antarctic Lands	\$0.00	\$0.35	-100.0%	0.0%	\$8.03	\$18.03	-2.7%
Cuba	\$0.00	\$1.74	-100.0%	0.0%	\$180.33	\$839.01	-39.7%
Greenland	\$0.00	\$0.07	-100.0%	0.0%	\$9.48	\$41.34	-25.4%
Nauru	\$0.00	\$0.05	-100.0%	0.0%	\$1.73	\$3.30	113.4%
Sao Tome And Principe	\$0.00	\$0.05	-100.0%	0.0%	\$0.85	\$3.94	-21.5%
Andorra	\$0.00	\$0.02	-100.0%	0.0%	\$3.41	\$13.00	-10.0%
Wallis And Futuna	\$0.00	\$0.01	-100.0%	0.0%	\$0.38	\$1.36	7.6%
Kiribati	\$0.00	\$0.00	-100.0%	0.0%	\$7.32	\$17.60	122.3%
Unidentified Countries	\$0.00	\$172.39	n.a.	n.a.	\$0.00	\$179.97	-100.0%
West Bank Admin By Israel	\$0.00	\$0.01	n.a.	0.0%	\$0.90	\$3.55	-48.5%
Guinea-Bissau	\$0.00	\$0.00	n.a.	0.0%	\$2.20	\$11.75	-24.1%
St. Helena	\$0.00	\$0.00	n.a.	0.0%	\$3.72	\$7.08	659.6%
Heard And Mcdonald Islands	\$0.00	\$0.00	n.a.	0.0%	\$0.91	\$2.60	-22.6%
British Indian Ocean Terr.	\$0.00	\$0.00	n.a.	0.0%	\$0.58	\$3.44	-72.3%

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## Ohio and U.S. Exports by Country

Value in Millions

	Ohio			Ohio's Share of U.S.	US		
	2015	Total 2013-15	Change 2014-15		2015	Total 2013-15	Change 2014-15
Norfolk Island	\$0.00	\$0.00	n.a.	0.0%	\$0.35	\$2.91	-57.8%
St. Pierre And Miquelon	\$0.00	\$0.00	n.a.	0.0%	\$0.23	\$0.49	5112.2%
Gaza Strip Admin By Israel	\$0.00	\$0.00	n.a.	0.0%	\$0.18	\$0.53	8.8%
Niue	\$0.00	\$0.00	n.a.	0.0%	\$0.07	\$0.43	-36.0%
Western Sahara	\$0.00	\$0.00	n.a.	0.0%	\$0.03	\$0.47	-88.4%
Pitcairn Island	\$0.00	\$0.00	n.a.	0.0%	\$0.02	\$0.07	-68.7%

## Ohio and U.S. Exports by Commodity

Value in Millions

Harmonized Tariff Schedule		Ohio			Ohio's Share of U.S.	US		
		2015	Total 2013-15	Change 2014-15		2015	Total 2013-15	Change 2014-15
	<b>Total</b>	<b>\$50,694.15</b>	<b>\$153,761.16</b>	<b>-3.0%</b>	<b>3.4%</b>	<b>\$1,504,597.47</b>	<b>\$4,703,568.60</b>	<b>-7.2%</b>
<b>Section I: Live Animals; Animal Products</b>								
01	Live Animals	\$13.29	\$109.07	-54.3%	1.7%	\$762.81	\$2,726.74	-19.2%
02	Meat	\$63.14	\$185.46	19.1%	0.4%	\$14,260.71	\$48,108.16	-18.8%
03	Fish & Crustaceans	\$2.15	\$6.66	-5.9%	0.0%	\$5,086.15	\$15,476.87	-3.2%
04	Dairy Products; Eggs; Honey; Edible Animal Products Nesoi	\$98.33	\$221.57	30.1%	2.2%	\$4,449.12	\$16,383.97	-27.8%
05	Products Of Animal Origin, Nesoi	\$70.53	\$224.46	-5.0%	6.1%	\$1,159.41	\$3,420.27	-6.2%
<b>Section Totals</b>		<b>\$247.44</b>	<b>\$747.21</b>	<b>5.6%</b>	<b>1.0%</b>	<b>\$25,718.20</b>	<b>\$86,116.01</b>	<b>-17.5%</b>
<b>Section II: Vegetable Products</b>								
06	Live Trees, Plants, Bulbs Etc.; Cut Flowers Etc.	\$8.78	\$29.43	-16.5%	2.1%	\$409.86	\$1,248.87	-2.7%
07	Edible Vegetables & Certain Roots & Tubers	\$51.48	\$151.51	-1.3%	1.2%	\$4,367.95	\$13,284.05	-3.2%
08	Edible Fruit & Nuts; Citrus Fruit Or Melon Peel	\$2.12	\$11.82	-56.6%	0.0%	\$14,472.23	\$43,863.69	-2.6%
09	Coffee, Tea, Mate & Spices	\$6.86	\$14.62	39.9%	0.6%	\$1,216.92	\$3,626.34	-0.7%
10	Cereals	\$88.86	\$432.44	-51.6%	0.5%	\$18,821.77	\$61,973.48	-17.6%
11	Milling Products; Malt; Starch; Inulin; Wheat Gluten	\$4.56	\$13.28	-5.3%	0.5%	\$887.94	\$2,736.57	-5.2%
12	Oil Seeds Etc.; Miscellaneous Grain, Seed, Fruit, Plant Etc	\$1,657.82	\$4,652.05	-5.2%	7.0%	\$23,625.68	\$79,443.05	-18.1%
13	Lac; Gums, Resins & Other Vegetable Sap & Extract	\$8.15	\$24.22	5.7%	1.4%	\$571.91	\$1,796.38	-5.5%
14	Vegetable Plaiting Materials & Products Nesoi	\$0.83	\$1.74	74.8%	2.6%	\$32.30	\$120.11	0.5%
<b>Section Totals</b>		<b>\$1,829.47</b>	<b>\$5,331.12</b>	<b>-9.3%</b>	<b>2.8%</b>	<b>\$64,406.56</b>	<b>\$208,092.54</b>	<b>-13.3%</b>
<b>Section III: Animal or Vegetable Fats and Oils and Their Cleavage Products; Prepared Edible Fats; Animal or Vegetable Waxes</b>								
15	Animal Or Vegetable Fats, Oils & Waxes	\$44.95	\$175.54	-33.2%	1.4%	\$3,175.37	\$10,367.55	-6.6%
<b>Section Totals</b>		<b>\$44.95</b>	<b>\$175.54</b>	<b>-33.2%</b>	<b>1.4%</b>	<b>\$3,175.37</b>	<b>\$10,367.55</b>	<b>-6.6%</b>

Nesoi - Not elsewhere specified or indicated

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## Ohio and U.S. Exports by Commodity

Value in Millions

Harmonized Tariff Schedule		Ohio			Ohio's Share of U.S.	US		
		2015	Total 2013-15	Change 2014-15		2015	Total 2013-15	Change 2014-15
<b>Section IV: Prepared Foodstuffs; Beverages, Spirits, and Vinegar; Tobacco and Manufactured Tobacco Substitutes</b>								
16	Edible Preparations Of Meat, Fish, Crustaceans Etc	\$161.23	\$489.81	-10.7%	7.0%	\$2,298.52	\$6,934.94	-4.6%
17	Sugars & Sugar Confectionary	\$56.01	\$162.76	8.3%	2.9%	\$1,963.19	\$6,707.77	-13.4%
18	Cocoa & Cocoa Preparations	\$7.56	\$26.93	-29.2%	0.4%	\$1,942.86	\$5,930.28	-8.2%
19	Preparations Of Cereal, Flour, Starch Or Milk; Bakers Wares	\$184.51	\$558.80	-5.1%	4.4%	\$4,210.57	\$12,659.18	-1.0%
20	Preparations Vegetables, Fruit, Nuts Or Other Plant Parts	\$83.05	\$295.14	-23.9%	1.5%	\$5,422.63	\$15,688.01	4.4%
21	Miscellaneous Edible Preparations	\$154.38	\$396.10	27.3%	1.9%	\$8,232.54	\$24,583.69	-1.3%
22	Beverages, Spirits & Vinegar	\$72.47	\$230.00	-9.1%	1.0%	\$7,598.77	\$22,177.17	-0.4%
23	Food Industry Residues & Waste; Prepared Animal Feed	\$294.15	\$904.21	-3.0%	2.6%	\$11,226.65	\$34,964.79	-6.1%
24	Tobacco & Manufactured Tobacco Substitutes	\$300.07	\$583.18	103.4%	14.9%	\$2,020.59	\$5,735.93	11.9%
<b>Section Totals</b>		<b>\$1,313.41</b>	<b>\$3,646.93</b>	<b>9.6%</b>	<b>2.9%</b>	<b>\$44,916.31</b>	<b>\$135,381.74</b>	<b>-2.3%</b>
<b>Section V: Mineral Products</b>								
25	Salt; Sulfur; Earth & Stone; Lime & Cement Plaster	\$70.49	\$214.56	-3.6%	2.6%	\$2,675.76	\$8,128.16	-6.3%
26	Ores, Slag & Ash	\$89.15	\$447.18	-53.1%	1.3%	\$6,812.80	\$22,496.74	-18.5%
27	Mineral Fuel, Oil Etc.; Bitumin Substances; Mineral Wax	\$479.35	\$1,476.58	-11.3%	0.5%	\$106,143.32	\$410,624.01	-31.8%
<b>Section Totals</b>		<b>\$638.99</b>	<b>\$2,138.32</b>	<b>-20.5%</b>	<b>0.6%</b>	<b>\$115,631.87</b>	<b>\$441,248.92</b>	<b>-30.7%</b>

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## Ohio and U.S. Exports by Commodity

Value in Millions

Harmonized Tariff Schedule		Ohio			Ohio's Share of U.S.	US		
		2015	Total 2013-15	Change 2014-15		2015	Total 2013-15	Change 2014-15
<b>Section VI: Products of the Chemical or Allied Industries</b>								
28	Inorganic Chemicals; Precious & Rare-Earth Metals & Radioactive Compounds	\$215.12	\$666.01	-3.5%	1.7%	\$12,380.05	\$37,480.95	-2.3%
29	Organic Chemicals	\$759.27	\$2,104.41	12.3%	2.0%	\$38,834.82	\$127,775.77	-8.3%
30	Pharmaceutical Products	\$898.95	\$2,801.98	-5.1%	1.9%	\$47,303.36	\$131,007.42	7.5%
31	Fertilizers	\$61.30	\$223.16	-17.7%	1.4%	\$4,399.55	\$14,053.92	-5.0%
32	Tanning & Dye Extracts Etc; Dye, Paint, Putty Etc; Inks	\$600.71	\$2,050.62	-9.3%	7.9%	\$7,578.24	\$23,369.64	-4.9%
33	Essential Oils Etc; Perfumery, Cosmetic Preparations	\$940.16	\$2,569.60	16.6%	8.0%	\$11,804.95	\$34,489.67	2.2%
34	Soap Etc; Waxes, Polish Etc; Candles; Dental Preparations	\$908.87	\$2,821.73	-2.5%	12.8%	\$7,105.44	\$21,602.50	-3.7%
35	Albuminoidal Substances; Modified Starch; Glue; Enzymes	\$140.89	\$441.61	-5.4%	4.1%	\$3,421.21	\$10,173.51	-1.6%
36	Explosives; Pyrotechnics; Matches; Pyrophoric Alloys Etc	\$15.36	\$45.92	-3.5%	1.7%	\$882.01	\$2,586.71	2.1%
37	Photographic Or Cinematographic Goods	\$39.65	\$100.28	19.6%	1.7%	\$2,362.57	\$7,294.15	-0.3%
38	Miscellaneous Chemical Products	\$948.93	\$3,133.32	-12.6%	3.7%	\$25,926.56	\$80,214.55	-4.9%
<b>Section Totals</b>		<b>\$5,529.19</b>	<b>\$16,958.64</b>	<b>-1.4%</b>	<b>3.4%</b>	<b>\$161,998.77</b>	<b>\$490,048.79</b>	<b>-1.5%</b>
<b>Section VII: Plastics and Articles Thereof; Rubber and Articles Thereof</b>								
39	Plastics & Articles Thereof	\$2,895.96	\$8,421.57	1.2%	4.8%	\$60,251.81	\$184,270.00	-4.4%
40	Rubber & Articles Thereof	\$1,358.62	\$3,744.78	7.5%	10.0%	\$13,617.99	\$43,331.35	-8.8%
<b>Section Totals</b>		<b>\$4,254.58</b>	<b>\$12,166.35</b>	<b>3.1%</b>	<b>5.8%</b>	<b>\$73,869.80</b>	<b>\$227,601.34</b>	<b>-5.2%</b>

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## Ohio and U.S. Exports by Commodity

Value in Millions

Harmonized Tariff Schedule		Ohio			Ohio's Share of U.S.	US		
		2015	Total 2013-15	Change 2014-15		2015	Total 2013-15	Change 2014-15
<b>Section VIII: Raw Hides and Skins, Leather, Furskins and Articles Thereof; Saddlery and Harness; Travel Goods, Handbags and Similar Containers</b>								
41	Raw Hides & Skins & Leather	\$5.71	\$26.76	-35.8%	0.2%	\$3,187.92	\$10,779.42	-16.8%
42	Leather Articles; Saddlery Etc;	\$63.78	\$162.43	21.5%	3.8%	\$1,671.68	\$4,940.68	2.9%
43	Furskins & Artificial Fur; Manufactures Thereof	\$1.65	\$10.92	-77.6%	0.3%	\$533.21	\$1,818.89	-8.6%
<b>Section Totals</b>		<b>\$71.15</b>	<b>\$200.11</b>	<b>3.4%</b>	<b>1.3%</b>	<b>\$5,392.81</b>	<b>\$17,538.99</b>	<b>-10.7%</b>
<b>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</b>								
44	Wood & Articles Of Wood; Wood Charcoal	\$284.79	\$849.97	-9.3%	3.2%	\$8,912.66	\$27,621.66	-8.5%
45	Cork & Articles Of Cork	\$0.21	\$0.88	-42.2%	0.7%	\$30.91	\$90.41	1.1%
46	Manufactures Of Straw, Esparto Etc.; Basketware & Wickerwork	\$0.73	\$2.72	-36.4%	4.0%	\$18.36	\$61.64	-13.2%
<b>Section Totals</b>		<b>\$285.73</b>	<b>\$853.57</b>	<b>-9.4%</b>	<b>3.2%</b>	<b>\$8,961.93</b>	<b>\$27,773.71</b>	<b>-8.5%</b>
<b>Section X: Pulp of Wood or Other Fibrous Cellulosic Material; Waste and Scrap of Paper or Paperboard; Paper and Paperboard and Articles Thereof</b>								
47	Wood Pulp Etc; Recovered (Waste & Scrap) Paper & Paperboard	\$64.04	\$212.90	-11.3%	0.7%	\$8,731.26	\$26,664.52	-2.6%
48	Paper & Paperboard & Articles (Including Paper Pulp Articles)	\$630.38	\$1,873.25	2.3%	4.0%	\$15,681.02	\$48,418.69	-4.0%
49	Printed Books, Newspapers Etc; Manuscripts Etc	\$129.26	\$378.57	4.0%	2.7%	\$4,863.35	\$15,662.66	-6.8%
<b>Section Totals</b>		<b>\$823.67</b>	<b>\$2,464.72</b>	<b>1.4%</b>	<b>2.8%</b>	<b>\$29,275.62</b>	<b>\$90,745.87</b>	<b>-4.1%</b>

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## Ohio and U.S. Exports by Commodity

Value in Millions

Harmonized Tariff Schedule		Ohio			Ohio's Share of U.S.	US		
		2015	Total 2013-15	Change 2014-15		2015	Total 2013-15	Change 2014-15
<b>Section XI: Textile and Textile Articles</b>								
50	Silk, Including Yarns & Woven Fabric Thereof	\$0.12	\$0.12	n.a.	1.0%	\$12.63	\$38.69	0.3%
51	Wool & Animal Hair, Including Yarn & Woven Fabric	\$1.16	\$2.65	35.5%	1.3%	\$86.27	\$269.01	3.9%
52	Cotton, Including Yarn & Woven Fabric Thereof	\$3.28	\$42.61	-82.6%	0.1%	\$5,880.72	\$20,039.00	-9.8%
53	Other Vegetable Textile Fibers Nesoi; Paper Yarns & Woven Fabric	\$1.10	\$2.32	73.7%	4.9%	\$22.37	\$59.21	11.6%
54	Manmade Filaments	\$9.15	\$23.00	14.9%	0.5%	\$1,787.16	\$5,441.64	-4.9%
55	Manmade Staple Fibers	\$6.91	\$47.37	-62.4%	0.3%	\$2,463.68	\$7,915.41	-9.1%
56	Wadding, Felt Etc; Special Yarns; Twine, Ropes Etc.	\$53.47	\$149.94	6.0%	2.3%	\$2,338.04	\$7,296.46	-7.0%
57	Carpets & Other Textile Floor Coverings	\$12.91	\$37.85	6.7%	1.3%	\$1,030.37	\$3,274.19	-7.9%
58	Special Woven Fabrics; Tufted Fabrics; Lace; Tapestries Etc	\$6.02	\$18.57	-3.1%	1.2%	\$493.10	\$1,481.02	-1.8%
59	Impregnated/Coated Textile Fabrics; Textile Articles For Industrial Use	\$66.70	\$202.20	-4.2%	3.0%	\$2,240.28	\$6,594.85	0.1%
60	Knitted Or Crocheted Fabrics	\$7.28	\$18.79	15.8%	0.7%	\$1,059.66	\$3,193.92	0.1%
61	Apparel Articles & Accessories, Knit Or Crochet	\$190.52	\$527.20	1.8%	7.0%	\$2,721.76	\$8,098.07	-0.3%
62	Apparel Articles & Accessories, Not Knit Or Crochet	\$172.50	\$489.59	-0.4%	6.7%	\$2,570.52	\$7,563.49	-0.1%
63	Textile Articles Nesoi; Needlecraft Sets; Worn Textile Articles	\$31.79	\$107.01	-9.9%	1.5%	\$2,178.51	\$6,570.69	-2.1%
<b>Section Totals</b>		<b>\$562.90</b>	<b>\$1,669.23</b>	<b>-4.1%</b>	<b>2.3%</b>	<b>\$24,885.07</b>	<b>\$77,835.64</b>	<b>-5.0%</b>

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		
		2015	Total 2013-15	Change 2014-15		2015	Total 2013-15	Change 2014-15
<b>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</b>								
64	Footwear, Gaiters Etc. & Parts Thereof	\$45.20	\$133.50	-0.5%	3.1%	\$1,458.16	\$4,304.81	0.2%
65	Headgear & Parts Thereof	\$15.67	\$43.96	9.0%	5.3%	\$298.00	\$834.73	9.2%
66	Umbrellas, Walking-Sticks, Riding-Crops Etc, Parts	\$0.36	\$2.72	-55.7%	1.1%	\$33.20	\$94.90	3.0%
67	Prepared Feathers, Down Etc; Artificial Flowers; Human Hair Articles	\$0.87	\$3.24	-7.3%	0.6%	\$138.02	\$387.27	7.5%
<b>Section Totals</b>		<b>\$62.10</b>	<b>\$183.41</b>	<b>0.9%</b>	<b>3.2%</b>	<b>\$1,927.37</b>	<b>\$5,621.71</b>	<b>2.0%</b>
<b>Section XIII: Articles of Stone, Plaster, Cement, Asbestos, Mica or Similar Materials; Ceramic Products; Glass and Glassware</b>								
68	Articles Of Stone, Plaster, Cement, Asbestos, Mica Etc.	\$223.35	\$666.09	-1.0%	5.8%	\$3,879.60	\$11,254.61	0.4%
69	Ceramic Products	\$75.61	\$244.97	-13.2%	4.2%	\$1,811.86	\$5,477.00	-4.6%
70	Glass And Glassware	\$378.34	\$1,161.69	-2.9%	6.5%	\$5,779.75	\$17,162.15	0.0%
<b>Section Totals</b>		<b>\$677.29</b>	<b>\$2,072.76</b>	<b>-3.5%</b>	<b>5.9%</b>	<b>\$11,471.22</b>	<b>\$33,893.76</b>	<b>-0.6%</b>
<b>Section XIV: Natural or Cultured Pearls, Precious or Semiprecious Stones, Precious Metals, Metals Clad With Precious Metal, and Articles Thereof; Imitation Jewelry; Coin</b>								
71	Natural/Cultured Pearls, Precious Stones/Metals; Coin	\$520.40	\$1,424.85	-7.4%	0.9%	\$58,726.50	\$196,099.06	-9.5%
<b>Section Totals</b>		<b>\$520.40</b>	<b>\$1,424.85</b>	<b>-7.4%</b>	<b>0.9%</b>	<b>\$58,726.50</b>	<b>\$196,099.06</b>	<b>-9.5%</b>

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## Ohio and U.S. Exports by Commodity

Value in Millions

Harmonized Tariff Schedule		Ohio			Ohio's Share of U.S.	US		
		2015	Total 2013-15	Change 2014-15		2015	Total 2013-15	Change 2014-15
<b>Section XV: Base Metals and Articles of Base Metal</b>								
72	Iron & Steel	\$1,201.19	\$3,581.85	-7.3%	8.2%	\$14,614.65	\$52,861.62	-21.3%
73	Articles Of Iron Or Steel	\$1,420.37	\$4,469.58	-9.0%	7.2%	\$19,643.60	\$64,328.63	-13.2%
74	Copper & Articles Thereof	\$331.56	\$1,124.95	-14.5%	4.7%	\$7,082.85	\$24,868.43	-18.3%
75	Nickel & Articles Thereof	\$97.41	\$330.23	-16.8%	4.4%	\$2,190.61	\$6,503.86	-0.7%
76	Aluminum & Articles Thereof	\$475.09	\$1,566.69	-11.6%	3.9%	\$12,039.67	\$37,829.00	-5.5%
78	Lead & Articles Thereof	\$13.87	\$29.96	92.5%	8.8%	\$158.19	\$555.06	-23.8%
79	Zinc & Articles Thereof	\$8.28	\$24.60	0.5%	2.4%	\$350.53	\$1,116.49	-20.9%
80	Tin & Articles Thereof	\$6.35	\$39.32	-61.5%	4.0%	\$158.65	\$556.21	-23.6%
81	Base Metals Nesoi; Cermets; Articles Thereof	\$231.76	\$732.11	-2.9%	8.6%	\$2,696.84	\$8,300.48	-6.0%
82	Tools, Cutlery Etc. Of Base Metal & Parts Thereof	\$506.12	\$1,507.62	0.5%	10.2%	\$4,952.10	\$15,908.13	-9.3%
83	Miscellaneous Articles Of Base Metal	\$464.34	\$1,428.43	-3.8%	9.5%	\$4,866.31	\$14,411.37	-1.3%
<b>Section Totals</b>		<b>\$4,756.33</b>	<b>\$14,835.33</b>	<b>-7.8%</b>	<b>6.9%</b>	<b>\$68,753.99</b>	<b>\$227,239.29</b>	<b>-12.9%</b>
<b>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</b>								
84	Industrial Machinery, Including Computers	\$9,135.53	\$27,975.29	-3.8%	4.4%	\$205,821.02	\$639,069.47	-6.3%
85	Electric Machinery; Sound Equipment; TV Equipment; Parts	\$3,435.11	\$9,899.96	5.1%	2.0%	\$169,754.57	\$507,964.64	-1.5%
<b>Section Totals</b>		<b>\$12,570.63</b>	<b>\$37,875.26</b>	<b>-1.5%</b>	<b>3.3%</b>	<b>\$375,575.59</b>	<b>\$1,147,034.11</b>	<b>-4.2%</b>
<b>Section XVII: Vehicles, Aircraft, Vessels and Associated Transport Equipment</b>								
86	Railway Stock Etc; Traffic Signal Equipment	\$127.61	\$332.48	12.9%	3.1%	\$4,158.43	\$12,077.35	2.8%
87	Vehicles, Except Railway & Parts Etc	\$8,026.65	\$26,393.27	-13.7%	6.3%	\$127,113.56	\$397,170.50	-6.5%
88	Aircraft, Spacecraft, & Parts Thereof	\$4,988.59	\$14,185.66	12.2%	3.8%	\$131,090.90	\$371,175.19	4.7%
89	Ships, Boats & Floating Structures	\$7.32	\$29.69	-25.5%	0.2%	\$3,097.42	\$9,175.87	-8.9%
<b>Section Totals</b>		<b>\$13,150.17</b>	<b>\$40,941.10</b>	<b>-5.2%</b>	<b>5.0%</b>	<b>\$265,460.31</b>	<b>\$789,598.91</b>	<b>-1.2%</b>

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		
		2015	Total 2013-15	Change 2014-15		2015	Total 2013-15	Change 2014-15
<b>Section XVIII: Optical, Photographic, Cinematographic, Measuring, Checking, Precision, Medical or Surgical Instruments and Apparatus; Clocks and Watches; Musical Instruments; Parts and Accessories Thereof</b>								
90	Optic, Photo Etc, Medical Or Surgical Instruments Etc	\$1,794.25	\$5,530.71	1.7%	2.2%	\$83,385.72	\$252,705.40	-1.9%
91	Clocks & Watches & Parts Thereof	\$10.56	\$22.89	52.6%	0.8%	\$1,314.15	\$3,872.07	-1.0%
92	Musical Instruments; Parts & Accessories Thereof	\$6.76	\$22.92	-24.2%	0.9%	\$774.30	\$2,425.67	-5.8%
<b>Section Totals</b>		<b>\$1,811.57</b>	<b>\$5,576.53</b>	<b>1.8%</b>	<b>2.1%</b>	<b>\$85,474.17</b>	<b>\$259,003.14</b>	<b>-1.9%</b>
<b>Section XIX: Arms and Ammunition; Parts and Accessories Thereof</b>								
93	Arms & Ammunition; Parts & Accessories Thereof	\$12.02	\$74.18	-30.9%	0.2%	\$5,022.13	\$14,207.21	10.4%
<b>Section Totals</b>		<b>\$12.02</b>	<b>\$74.18</b>	<b>-30.9%</b>	<b>0.2%</b>	<b>\$5,022.13</b>	<b>\$14,207.21</b>	<b>10.4%</b>
<b>Section XX: Miscellaneous Manufactured Articles</b>								
94	Furniture; Bedding Etc; Lamps Nesoi Etc; Prefabricated Buildings	\$629.85	\$1,730.65	6.6%	5.5%	\$11,523.70	\$34,470.94	-2.7%
95	Toys, Games & Sport Equipment; Parts & Accessories	\$145.42	\$432.59	1.6%	2.4%	\$6,187.03	\$19,516.96	-6.2%
96	Miscellaneous Manufactured Articles	\$334.51	\$970.09	16.7%	14.4%	\$2,321.80	\$6,946.26	-0.8%
<b>Section Totals</b>		<b>\$1,109.78</b>	<b>\$3,133.34</b>	<b>8.7%</b>	<b>5.5%</b>	<b>\$20,032.53</b>	<b>\$60,934.15</b>	<b>-3.6%</b>
<b>Section XXI: Works of Art, Collectors' Pieces and Antiques</b>								
97	Works Of Art, Collectors Pieces And Antiques	\$5.49	\$20.21	-39.9%	0.0%	\$11,033.33	\$28,925.04	8.2%
<b>Section Totals</b>		<b>\$5.49</b>	<b>\$20.21</b>	<b>-39.9%</b>	<b>0.0%</b>	<b>\$11,033.33</b>	<b>\$28,925.04</b>	<b>8.2%</b>
<b>Section XXII: Special Classification Provisions</b>								
98	Special Classification Provisions, Nesoi	\$416.89	\$1,272.43	-10.1%	1.0%	\$42,888.02	\$128,261.10	-0.8%
<b>Section Totals</b>		<b>\$416.89</b>	<b>\$1,272.43</b>	<b>-10.1%</b>	<b>1.0%</b>	<b>\$42,888.02</b>	<b>\$128,261.10</b>	<b>-0.8%</b>

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> .