

**Ohio**

**Department of  
Development**

Policy Research and Strategic Planning Office  
A State Affiliate of the U.S. Census Bureau

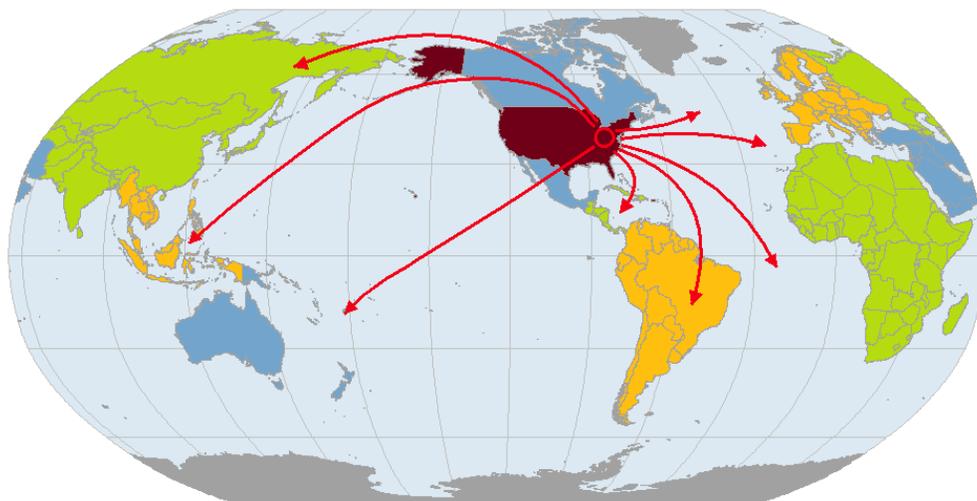
**Ohio Exports 2011  
Origin of Movement Series**

March 2012



# **Ohio Exports 2011**

## **Origin of Movement Series**



**March 2012**

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# Ohio Exports 2011

## Executive Summary



Ohio merchandise exports were valued at \$46.4 billion in 2011, an increase of 11.8 percent from 2010. By comparison, the United States experienced a 15.8 percent increase in exports since 2010.

### According to this report, in 2011:

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

### Leading Destinations:

- Exports to Canada totaled \$18.7 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 \$4.0 billion, Ohio's second largest market, an increase of 16 percent from 2010.
- European countries accounted for 20 percent of Ohio's exports. The four largest markets were France (\$2.4 billion), the United Kingdom (\$1.5 billion), Germany (\$1.3 billion), and The Netherlands (\$0.7 billion). Total shipments to Europe were up 19 percent compared to 2010.
- Asian and Southeast Asian countries received 17 percent of Ohio's shipments. China was Ohio's third largest market with exports increasing 20 percent to \$2.7 billion. Japan was Ohio's seventh largest market in 2011.
- Exports to South America accounted for 6 percent (\$2.6 billion) of the state figure, an increase of 18 percent over the previous year. Shipments to the Middle East decreased 1 percent for a 3.1 percent share of Ohio's exports.

### Top Products:

- Machinery was Ohio's leading export (\$8.5 billion). Ohio was 5<sup>th</sup> among the 50 states in this category with 4.2 percent of the U.S. total.
- The top six categories (machinery, vehicles, aircraft, electrical machinery, plastics, and optics) accounted for 60 percent (\$28.0 billion) of the state total.
- Rubber products increased 31 percent from last year, the largest percentage increase of the top ten categories. Vehicles increased 14 percent while iron/steel products jumped 15 percent. Both electrical machinery and machinery had modest increases of 8 percent and 3 percent respectively.



# 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, American Showa, 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, Interstate Brands  
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.

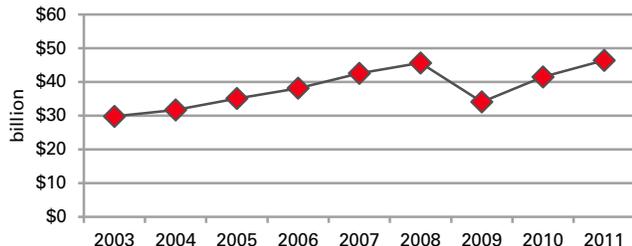
## Employment Related to Manufactured Exports



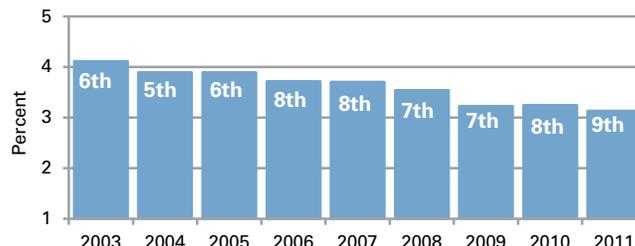
Ohio had 307,900 jobs linked to manufactured exports in 2009. These jobs accounted for 7.1 percent of the private sector employment. For the U.S., manufactured-exports linked employment represented 4.8 percent of private sector employment.

Source: International Trade Administration and Bureau of the Census, U.S. Department of Commerce; [http://ita.doc.gov/td/industry/otea/state\\_reports/index.html](http://ita.doc.gov/td/industry/otea/state_reports/index.html) .

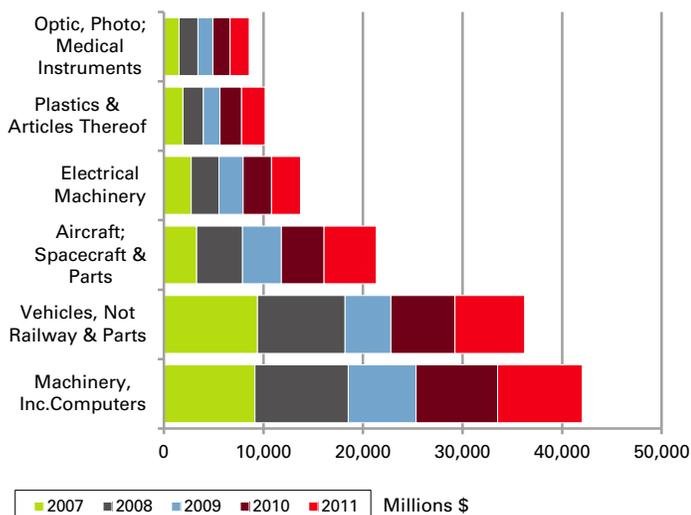
### Export Trends



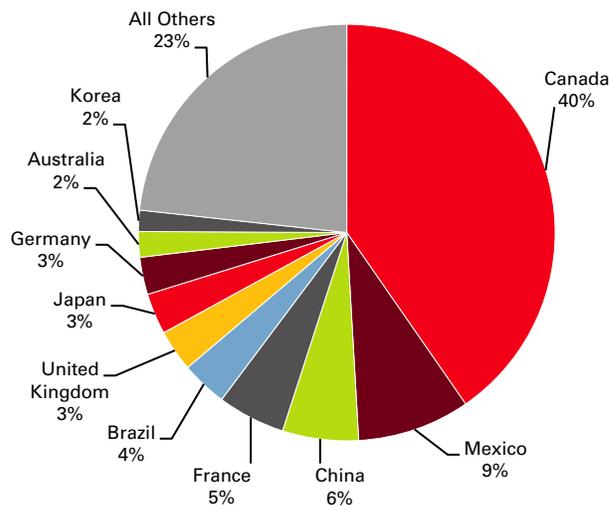
### Share of U.S. Exports & Rank



### Total Exports: 2007 to 2011



### Top Export Destinations: 2011



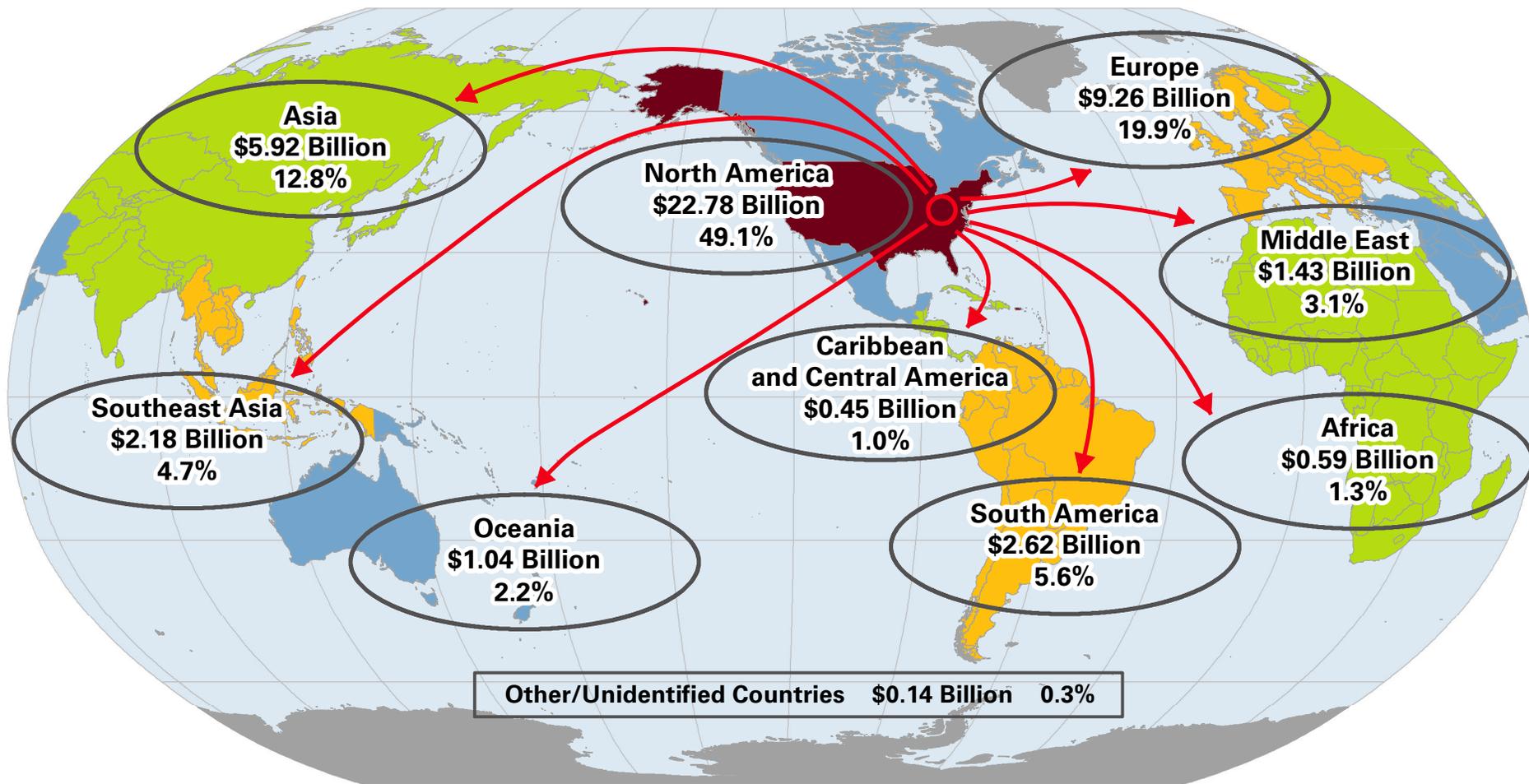
HS Code	Description	2007 Exports	2008 Exports	2009 Exports	2010 Exports	2011 Exports	% Change 10 to 11
<b>Total</b>		<b>\$42,562,233,016</b>	<b>\$45,627,982,845</b>	<b>\$34,104,484,238</b>	<b>\$41,493,512,722</b>	<b>\$46,407,887,826</b>	<b>11.8%</b>
84	Machinery, Computers	\$9,158,000,657	\$9,373,085,220	\$6,791,788,842	\$8,186,393,659	\$8,526,694,146	4.2%
87	Vehicles, Not Railway	\$9,419,172,824	\$8,782,832,321	\$4,589,193,316	\$6,434,901,228	\$7,000,581,829	8.8%
88	Aircraft; Spacecraft & Parts	\$3,308,690,070	\$4,608,615,759	\$3,883,096,577	\$4,283,040,063	\$5,243,521,253	22.4%
85	Electrical Machinery	\$2,753,188,598	\$2,790,044,152	\$2,411,040,196	\$2,854,927,600	\$2,925,837,789	2.5%
39	Plastics & Articles Thereof	\$1,933,051,844	\$2,047,444,823	\$1,654,002,941	\$2,164,622,082	\$2,369,182,282	9.5%
90	Optic/Medical Instruments	\$1,547,303,921	\$1,871,499,269	\$1,522,597,229	\$1,706,336,626	\$1,919,117,150	12.5%
73	Iron/Steel Products	\$1,147,207,889	\$1,255,768,803	\$955,725,288	\$1,217,283,985	\$1,450,314,284	19.1%
72	Iron & Steel	\$1,235,684,399	\$1,418,757,431	\$823,155,205	\$1,141,663,574	\$1,254,432,854	9.9%
40	Rubber & Articles Thereof	\$862,736,063	\$936,313,686	\$747,960,562	\$913,449,427	\$1,235,389,817	35.2%
30	Pharmaceutical Products	\$376,308,244	\$437,385,559	\$544,267,536	\$640,246,252	\$1,018,630,128	59.1%
34	Soap, Waxes, etc	\$596,447,630	\$765,906,630	\$774,522,678	\$873,618,394	\$889,957,898	1.9%
38	Misc. Chemical Products	\$891,030,128	\$898,217,212	\$700,913,567	\$753,072,133	\$857,220,868	13.8%
48	Paper, Paperboard	\$683,235,505	\$745,074,397	\$711,301,217	\$794,891,529	\$802,943,679	1.0%
32	Tanning, Dye, Paint, Putty	\$575,505,292	\$645,765,849	\$496,817,068	\$653,383,229	\$780,398,593	19.4%
33	Perfumery, Cosmetic, etc	\$501,969,377	\$615,137,734	\$600,103,433	\$688,266,108	\$740,885,855	7.6%
76	Aluminum & Art. Thereof	\$423,990,963	\$597,709,177	\$462,954,668	\$563,819,389	\$656,817,869	16.5%
29	Organic Chemicals	\$473,238,870	\$527,284,842	\$358,075,418	\$519,577,326	\$636,874,792	22.6%
12	Misc. Grain, Seed, Fruit	\$188,750,006	\$213,714,027	\$312,354,957	\$351,244,625	\$542,229,485	54.4%
27	Mineral Fuel, Oil, etc	\$536,415,421	\$751,894,754	\$508,328,882	\$540,987,879	\$515,971,377	-4.6%
70	Glass & Glassware	\$534,618,819	\$476,787,124	\$351,137,754	\$535,835,359	\$502,775,556	-6.2%

# Ohio Exports to Selected Destinations



Region/Country	2009	2010	2011	2011	% Change
				10 to 11	
<b>North America</b>	<b>\$16,892,519,138</b>	<b>\$20,721,949,660</b>	<b>\$22,784,633,801</b>	<b>49.1%</b>	<b>10.0%</b>
Canada	\$14,198,824,521	\$17,221,364,113	\$18,731,481,346	40.4%	8.8%
Mexico	\$2,686,551,638	\$3,494,691,311	\$4,048,001,201	8.7%	15.8%
Remainder of North America	\$7,142,979	\$5,894,236	\$5,151,254	0.0%	-12.6%
<b>Europe</b>	<b>\$6,960,445,982</b>	<b>\$7,795,330,939</b>	<b>\$9,257,401,314</b>	<b>19.9%</b>	<b>18.8%</b>
France	\$824,942,324	\$1,998,244,018	\$2,436,859,599	5.3%	22.0%
United Kingdom	\$1,142,071,300	\$1,276,296,207	\$1,495,692,762	3.2%	17.2%
Germany	\$967,379,758	\$1,196,779,428	\$1,336,993,939	2.9%	11.7%
Netherlands	\$566,173,355	\$541,999,439	\$721,761,397	1.6%	33.2%
Switzerland	\$234,993,298	\$403,937,202	\$631,801,532	1.4%	56.4%
Belgium	\$469,406,327	\$521,537,462	\$527,788,151	1.1%	1.2%
Italy	\$522,321,975	\$611,020,835	\$464,844,182	1.0%	-23.9%
Sweden	\$143,047,103	\$195,767,618	\$331,322,943	0.7%	69.2%
Spain	\$163,616,634	\$208,472,807	\$236,113,922	0.5%	13.3%
Ireland	\$156,889,062	\$150,047,623	\$186,538,276	0.4%	24.3%
Hungary	\$85,945,436	\$95,157,233	\$155,419,542	0.3%	63.3%
Poland	\$143,150,611	\$100,965,966	\$137,354,007	0.3%	36.0%
Remainder of Europe	\$1,540,508,799	\$495,105,101	\$594,911,062	1.3%	20.2%
<b>Asia</b>	<b>\$3,971,682,368</b>	<b>\$5,030,653,934</b>	<b>\$5,921,303,657</b>	<b>12.8%</b>	<b>17.7%</b>
China	\$1,886,249,748	\$2,288,521,708	\$2,739,294,031	5.9%	19.7%
Japan	\$1,066,420,978	\$1,343,017,593	\$1,475,913,308	3.2%	9.9%
Korea, Republic Of	\$473,459,378	\$640,242,280	\$757,896,860	1.6%	18.4%
India	\$380,207,416	\$566,399,930	\$589,997,108	1.3%	4.2%
Russia	\$77,916,220	\$81,246,509	\$200,449,343	0.4%	146.7%
Remainder of Asia	\$87,428,628	\$111,225,914	\$157,753,007	0.3%	41.8%
<b>South America</b>	<b>\$1,709,341,149</b>	<b>\$2,214,238,064</b>	<b>\$2,620,286,229</b>	<b>5.6%</b>	<b>18.3%</b>
Brazil	\$1,098,248,009	\$1,431,994,048	\$1,654,891,764	3.6%	15.6%
Chile	\$112,239,855	\$161,559,719	\$235,493,081	0.5%	45.8%
Venezuela	\$149,292,197	\$190,151,424	\$217,035,420	0.5%	14.1%
Argentina	\$95,276,760	\$135,961,640	\$161,786,250	0.3%	19.0%
Colombia	\$105,897,482	\$121,283,655	\$148,136,045	0.3%	22.1%
Remainder of South America	\$148,386,846	\$173,287,578	\$202,943,669	0.4%	17.1%
<b>Southeast Asia</b>	<b>\$1,729,576,106</b>	<b>\$1,953,521,794</b>	<b>\$2,183,560,556</b>	<b>4.7%</b>	<b>11.8%</b>
Singapore	\$447,722,998	\$461,672,638	\$526,541,053	1.1%	14.1%
Hong Kong	\$394,405,191	\$402,818,740	\$414,981,158	0.9%	3.0%
Taiwan	\$279,898,142	\$379,171,956	\$386,725,442	0.8%	2.0%
Thailand	\$228,242,272	\$251,721,442	\$289,384,524	0.6%	15.0%
Malaysia	\$155,299,918	\$158,308,621	\$181,485,448	0.4%	14.6%
Indonesia	\$84,167,393	\$139,424,943	\$176,337,980	0.4%	26.5%
Philippines	\$70,067,431	\$90,675,834	\$122,190,160	0.3%	34.8%
Remainder of Southeast Asia	\$69,772,761	\$69,727,620	\$85,914,791	0.2%	23.2%
<b>Middle East</b>	<b>\$1,271,217,276</b>	<b>\$1,440,007,470</b>	<b>\$1,426,397,478</b>	<b>3.1%</b>	<b>-0.9%</b>
Saudi Arabia	\$229,190,014	\$262,180,942	\$359,869,060	0.8%	37.3%
United Arab Emirates	\$215,147,639	\$304,410,857	\$327,497,222	0.7%	7.6%
Israel	\$353,554,859	\$226,764,893	\$239,257,249	0.5%	5.5%
Turkey	\$197,803,037	\$359,291,262	\$234,698,456	0.5%	-34.7%
Remainder of Middle East	\$275,521,727	\$287,359,516	\$265,075,491	0.6%	-7.8%
<b>Oceania</b>	<b>\$698,371,606</b>	<b>\$963,299,873</b>	<b>\$1,037,015,255</b>	<b>2.2%</b>	<b>7.7%</b>
Australia	\$632,336,813	\$848,492,184	\$924,769,524	2.0%	9.0%
Remainder of Oceania	\$66,034,793	\$114,807,689	\$112,245,731	0.2%	-2.2%
<b>Africa</b>	<b>\$346,124,272</b>	<b>\$756,035,208</b>	<b>\$587,568,290</b>	<b>1.3%</b>	<b>-22.3%</b>
Republic Of South Africa	\$132,605,803	\$239,460,045	\$250,243,413	0.5%	4.5%
Egypt	\$46,205,845	\$291,678,679	\$120,534,555	0.3%	-58.7%
Remainder of Africa	\$167,312,624	\$224,896,484	\$216,790,322	0.5%	-3.6%
<b>Central America and Caribbean</b>	<b>\$373,219,817</b>	<b>\$438,697,886</b>	<b>\$449,526,798</b>	<b>1.0%</b>	<b>2.5%</b>
<b>Other/Unidentified Countries</b>	<b>\$151,986,524</b>	<b>\$179,777,894</b>	<b>\$140,194,448</b>	<b>0.3%</b>	<b>-22.0%</b>
<b>Total All Countries</b>	<b>\$34,104,484,238</b>	<b>\$41,493,512,722</b>	<b>\$46,407,887,826</b>	<b>100.0%</b>	<b>11.8%</b>

# Ohio Exports By Region 2011



Total Exports - \$46.41 Billion

# Ohio's Top Twenty Exports

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

### 2011



Description	State Rank	Share of U.S. Exports	Leading State	Share of U.S. Exports
<b>Machinery, Inc.Computers</b>	<b>5th</b>	<b>4.2%</b>	Texas	19.3%
Vehicles, Not Railway & Parts	7th	5.8%	Michigan	17.4%
<b>Aircraft; Spacecraft &amp; Parts</b>	<b>5th</b>	<b>6.0%</b>	Washington	31.0%
Electrical Machinery	11th	1.8%	Texas	23.1%
<b>Plastics &amp; Articles Thereof</b>	<b>4th</b>	<b>4.0%</b>	Texas	27.9%
Optic, Photo; Medical Instruments	12th	2.4%	California	21.1%
<b>Iron/Steel Products</b>	<b>2nd</b>	<b>7.9%</b>	Texas	25.3%
Iron & Steel	6th	5.0%	California	14.6%
<b>Rubber &amp; Articles Thereof</b>	<b>3rd</b>	<b>8.3%</b>	Texas	23.2%
Pharmaceutical Products	9th	2.6%	Puerto Rico	23.8%
<b>Soap, Waxes, etc; Dental Preps</b>	<b>1st</b>	<b>13.8%</b>	<b>Ohio</b>	<b>13.8%</b>
Misc. Chemical Products	6th	3.6%	Texas	19.3%
Paper, Paperboard	9th	4.7%	Texas	9.8%
<b>Tanning, Dye, Paint, Putty</b>	<b>3rd</b>	<b>8.9%</b>	Mississippi	12.2%
<b>Perfumery, Cosmetic, etc</b>	<b>5th</b>	<b>7.7%</b>	New Jersey	17.5%
<b>Aluminum &amp; Articles Thereof</b>	<b>4th</b>	<b>5.1%</b>	California	12.8%
Organic Chemicals	15th	1.4%	Texas	45.3%
Misc. Grain, Seed, Fruit	8th	2.6%	Louisiana	39.6%
Mineral Fuel, Oil, etc	19th	0.4%	Texas	44.3%
<b>Glass &amp; Glassware</b>	<b>2nd</b>	<b>9.4%</b>	Michigan	15.2%

**Size, Growth, and Concentration** are three types of measures used to assess the importance of an export to a state's economy.

In the "circle chart" that follows, circles are sized in proportion to export sales volume. Machinery, the 2011 sales leader, is represented by a circle with the largest diameter --- machinery is followed by vehicles and aircraft.

Growth is measured by the percentage change in product sales value from 2007 to 2011.

Concentration is a measure of a product's share of total state exports compared to the product's share of U.S. exports. The larger the concentration ratio, the more Ohio specializes in exporting that product. (In the chart, the larger the concentration ratio, the higher the center of the circle.)

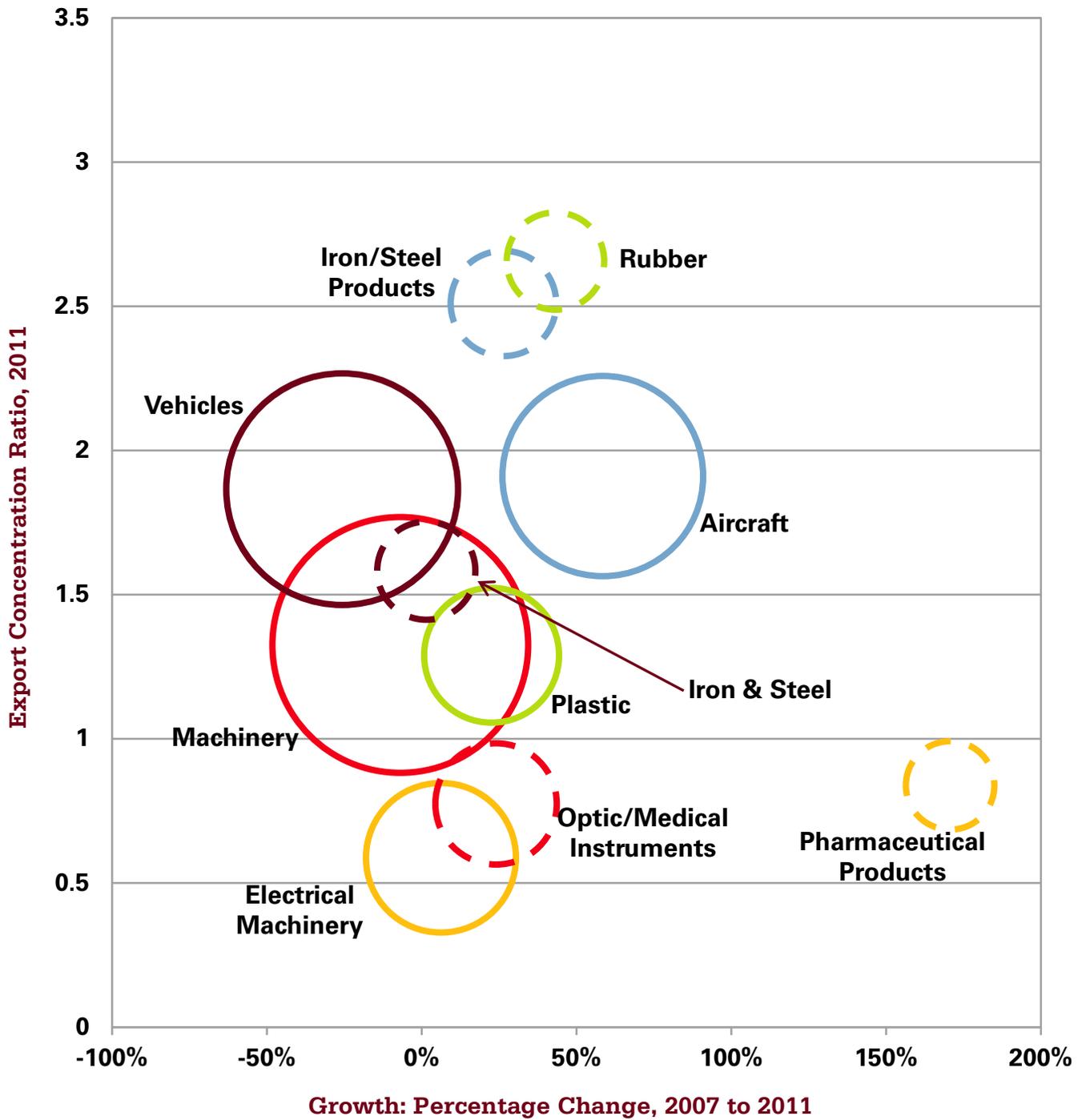
Vehicles is the second largest Ohio export product group and is highly concentrated with a ratio of 1.9 (vehicles' share of Ohio's export total is nearly two times greater than vehicles' share of U.S. exports).

The table that follows the circle chart includes products with more than \$75 million in 2011 total export sales. The table is organized by degree of concentration and then sorted by growth from 2010 to 2011.

Canada is the leading market in 37 out of the 46 largest product categories. Looking at the 26 products that are relatively concentrated in Ohio, Canada is the market leader in all but three.

The last column lists growth markets. Selection took into account both absolute growth and percentage change from 2010 to 2011 as well as past trends. Growth markets vary widely. Canada had 34 entries while China had 5 and Mexico had 3.

# Ohio's Ten Largest Exporting Products Size, Growth and Concentration



## Products (exports exceeding \$75 million) Sorted by Concentration and Growth



Commodity Description	Exports 2011	Concentration Ratio	% Change 10 to 11	Leading Market	Leader's Share	Growth Market
All Ohio Exports	\$46,407,887,826		12%	Canada	40%	
<b>High Concentration</b>						
Rubber & Articles Thereof	\$1,235,389,817	2.7	35%	Canada	43%	Mexico
Tanning, Dye, Paint, Putty	\$780,398,593	2.8	19%	Canada	36%	Mexico
Iron/Steel Products	\$1,450,314,284	2.5	19%	Canada	47%	Canada
Tools/Cutlry Of Base Metals	\$487,444,502	2.9	19%	Canada	27%	Canada
Other Base Metals, etc	\$251,646,640	3.1	19%	U.K.	24%	France
Misc. Articles Of Base Metal	\$445,753,347	3.4	13%	Canada	53%	Canada
Stone, Plaster, Cement, etc	\$259,076,783	2.6	9%	Canada	37%	Canada
Perfumery, Cosmetic, etc	\$740,885,855	2.5	8%	Canada	62%	Canada
Soap, Waxes, etc; Dental Preps	\$889,957,898	4.4	2%	Canada	73%	Canada
Glass & Glassware	\$502,775,556	3.0	-6%	Canada	43%	Canada
<b>Concentrated</b>						
Knit Apparel	\$78,169,902	1.1	51%	Canada	46%	Canada
Nickel & Articles Thereof	\$116,747,134	1.7	47%	Canada	23%	Canada
Prepared Meat, Fish, etc	\$98,778,380	1.7	28%	Canada	82%	Canada
Copper & Articles Thereof	\$478,862,148	1.6	23%	China	31%	China
Aircraft; Spacecraft & Parts	\$5,243,521,253	1.9	22%	France	33%	Brazil
Aluminum & Articles Thereof	\$656,817,869	1.6	16%	Canada	44%	Canada
Misc. Chemical Products	\$857,220,868	1.1	14%	Canada	33%	Canada
Ceramic Products	\$100,064,940	1.8	13%	Canada	37%	Mexico
Iron & Steel	\$1,254,432,854	1.6	10%	Canada	68%	Canada
Baking Related Products	\$223,064,285	2.0	9%	Canada	73%	Canada
Plastics & Articles Thereof	\$2,369,182,282	1.3	9%	Canada	41%	Canada
Vehicles, Not Railway & Parts	\$7,000,581,829	1.9	9%	Canada	69%	Canada
Albumins; Modified Starch; Glue	\$140,316,872	1.5	8%	Canada	33%	Canada
Machinery, Inc.Computers	\$8,526,694,146	1.3	4%	Canada	35%	Canada
Paper, Paperboard	\$802,943,679	1.5	1%	Canada	76%	Canada
Furniture & Bedding	\$388,614,123	1.3	-2%	Canada	60%	Canada
<b>Low Concentration</b>						
Ores, Slag, Ash	\$123,523,332	0.5	184%	China	56%	Canada
Pharmaceutical Products	\$1,018,630,128	0.8	59%	Switzerland	38%	Switzerland
Railway;Traffic Signal Equip.	\$85,275,866	0.9	55%	Canada	73%	Canada
Misc. Grain, Seed, Fruit	\$542,229,485	0.8	54%	China	39%	China
Inorg. Chem.;Rare Earth Metals	\$298,778,111	0.6	30%	Canada	28%	Canada
Toys & Sports Equipment	\$137,192,027	0.6	17%	Canada	52%	Canada
Optic, Photo; Medical Instruments	\$1,919,117,150	0.8	12%	Canada	15%	China
Misc. Edible Preparations	\$107,464,052	0.5	10%	Canada	57%	Canada
Book & Newspaper; Manuscript	\$130,161,569	0.7	6%	Canada	33%	Canada
Wood & Articles of Wood	\$252,452,741	1.0	4%	Canada	27%	China
Electrical Machinery	\$2,925,837,789	0.6	2%	Canada	39%	Canada
Preparations of Vege.,Fruit,Nuts	\$113,844,111	0.8	1%	Canada	88%	Canada
Food Waste; Animal Feed	\$163,022,617	0.6	-5%	Canada	52%	Canada
<b>Very Low Concentration</b>						
Meat	\$76,057,222	0.2	55%	Canada	40%	Canada
Wood Pulp, etc	\$100,824,922	0.3	49%	China	34%	China
Fertilizers	\$94,468,689	0.5	23%	Canada	44%	Canada
Organic Chemicals	\$636,874,792	0.4	23%	Canada	33%	Canada
Precious Stones, Metals	\$277,624,195	0.1	11%	Japan	38%	Japan
Special Other	\$388,519,251	0.3	4%	U.K.	16%	Canada
Mineral Fuel, Oil, etc	\$515,971,377	0.1	-5%	Canada	80%	Canada

The top 10 export categories, based on shipment value, are highlighted in red.

# Metropolitan Area Exports



The Cincinnati-Middletown Metropolitan Area had exports of \$15.5 billion in 2009 which led the 16 metropolitan areas in or partially-in Ohio. This figure represented a 12 percent decrease over the previous year. Nearly half, \$7.0 billion, of the exports were in the transportation equipment sector with chemicals a distant second at \$2.6 billion. Canada was the destination of \$3.5 billion of the exports with Mexico receiving \$1.9 billion.

The Cleveland-Elyria-Mentor Metropolitan Area was second in exports at \$8.0 billion, a decrease of 18 percent over 2008. Chemicals accounted for 21 percent of exports followed closely by machinery at 17 percent. Nearly \$2.2 billion in exports were sent to Canada while Mexico was next at \$1.1 billion.

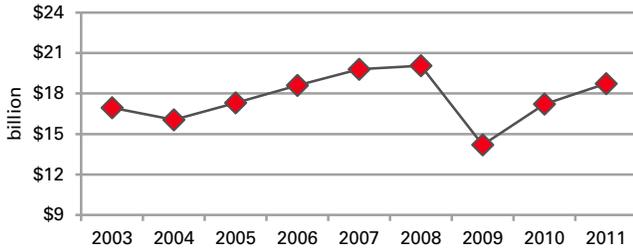
Third in exports was the Dayton Metropolitan Area at \$3.8 billion, a decrease of 17 percent. Half of the exports, \$1.9 billion, were transportation equipment. Computer and electronic equipment accounted for \$504 million.

Metropolitan Area	2008 Exports	2009 Exports	Leading Sector (3-digit NAICS)	2009 Sector Value
Cincinnati-Middletown, OH-KY-IN	\$17,533,875,802	\$15,488,673,599	Transportation Equip.	\$7,049,956,127
Cleveland-Elyria-Mentor, OH	\$9,726,063,648	\$8,012,639,472	Chemicals	\$1,656,045,727
Dayton, OH	\$4,525,269,743	\$3,771,032,292	Transportation Equip.	\$1,878,269,537
Akron, OH	\$4,049,441,845	\$2,957,651,782	Plastics & Rubber Prod.	\$897,898,006
Columbus, OH	\$3,881,798,953	\$2,872,727,669	Transportation Equip.	\$505,913,144
Toledo, OH	\$2,641,826,562	\$1,410,668,486	Nonmetallic Mineral Prod.	\$218,981,371
Canton-Massillon, OH	\$1,849,939,833	\$1,211,647,963	Fabricated Metal Prod.	\$399,296,608
Youngstown-Warren-Boardman, OH-PA	\$1,561,196,798	\$787,877,954	Primary Metal Mfg.	\$227,238,645
Parkersburg-Marietta-Vienna, WV-OH	\$1,012,499,313	\$704,920,170	Chemicals	\$563,847,252
Lima, OH	\$684,810,676	\$486,817,441	Transportation Equip.	\$349,756,949
Huntington-Ashland, WV-KY-OH	\$449,037,045	\$323,088,377	Primary Metal Mfg.	\$81,843,378
Mansfield, OH	\$356,959,527	\$236,413,244	Transportation Equip.	\$72,195,557
Springfield, OH	\$258,340,142	\$215,246,785	Transportation Equip.	\$100,910,751
Sandusky, OH	\$270,027,428	\$200,109,938	Machinery, Except Elec.	\$37,710,709
Weirton-Steubenville, WV-OH	\$188,846,208	\$110,128,759	Primary Metal Mfg.	\$47,543,569
Wheeling, WV-OH	\$59,134,433	\$61,972,228	Plastics & Rubber Prod.	\$5,075,376

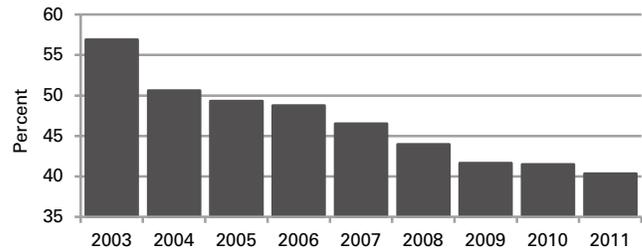
It should be noted that metropolitan area exports are ZIP code based while the rest of this report is origin state based. While the original source of the data is the same the totals for the state can differ because of how the export declarations are completed.

Source: International Trade Administration, U.S. Department of Commerce;  
<http://www.trade.gov/mas/ian/otii/index.asp> .

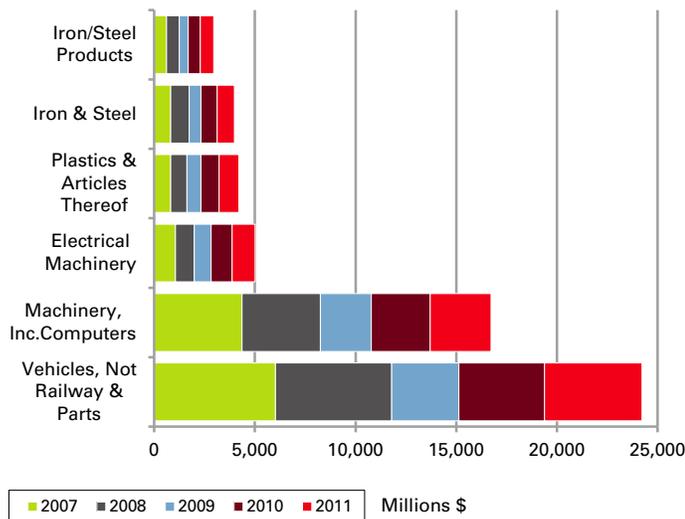
### Export Trends



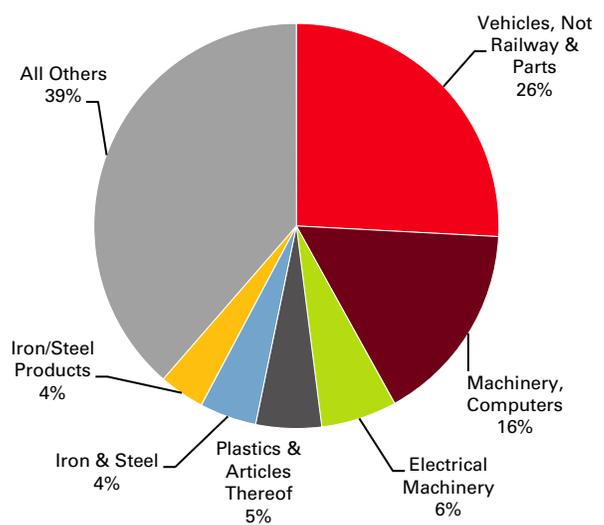
### Share of Ohio Exports



### Total Exports: 2007 to 2011



### Distribution of Exports: 2011



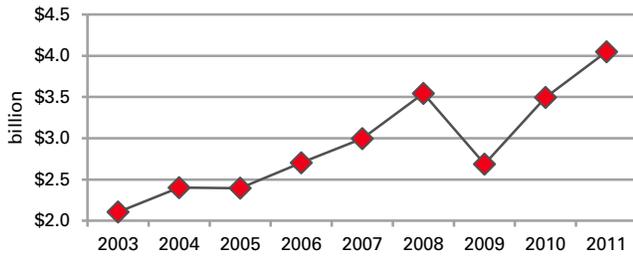
HS Code	Description	2007 Exports	2008 Exports	2009 Exports	2010 Exports	2011 Exports	% Change 10 to 11
<b>Total</b>		<b>\$19,796,654,928</b>	<b>\$20,062,236,608</b>	<b>\$14,198,824,521</b>	<b>\$17,221,364,113</b>	<b>\$18,731,481,346</b>	<b>8.8%</b>
87	Vehicles, Not Railway	\$6,025,611,037	\$5,760,545,213	\$3,342,726,405	\$4,254,422,161	\$4,839,627,846	13.8%
84	Machinery, Computers	\$4,366,429,755	\$3,878,893,745	\$2,534,493,635	\$2,927,194,358	\$3,018,128,777	3.1%
85	Electrical Machinery	\$1,057,269,482	\$938,817,284	\$828,813,824	\$1,054,031,503	\$1,134,841,822	7.7%
39	Plastics & Articles Thereof	\$816,762,078	\$817,216,765	\$682,952,410	\$903,984,595	\$978,484,741	8.2%
72	Iron & Steel	\$814,707,891	\$929,054,693	\$581,015,296	\$807,216,037	\$849,663,518	5.3%
73	Iron/Steel Products	\$616,630,594	\$635,186,701	\$442,049,129	\$590,381,631	\$677,158,257	14.7%
34	Soap, Waxes, etc	\$468,051,827	\$609,719,450	\$582,008,059	\$649,730,210	\$649,610,733	0.0%
48	Paper, Paperboard	\$550,685,605	\$599,073,156	\$590,930,862	\$645,812,898	\$609,387,461	-5.6%
40	Rubber & Articles Thereof	\$410,751,340	\$427,831,691	\$350,337,407	\$405,348,325	\$529,588,056	30.7%
33	Perfumery, Cosmetic, etc	\$344,986,030	\$429,253,768	\$419,919,099	\$490,336,279	\$461,385,078	-5.9%
88	Aircraft; Spacecraft & Parts	\$336,145,541	\$403,111,655	\$345,682,376	\$396,275,522	\$418,779,541	5.7%
27	Mineral Fuel, Oil, etc	\$505,651,501	\$694,126,657	\$374,713,012	\$409,433,092	\$414,040,917	1.1%
90	Optic/Medical Instruments	\$288,694,014	\$315,436,030	\$205,523,143	\$252,779,869	\$292,881,657	15.9%
76	Aluminum & Art. Thereof	\$202,916,266	\$233,337,092	\$146,943,043	\$196,063,388	\$288,195,209	47.0%
38	Misc. Chemical Products	\$222,248,041	\$246,502,972	\$221,101,517	\$245,350,626	\$284,952,649	16.1%
32	Tanning, Dye, Paint, Putty	\$231,284,465	\$227,033,470	\$213,582,201	\$274,427,610	\$277,829,449	1.2%
83	Misc. Articles Base Metal	\$215,210,901	\$145,349,033	\$169,018,759	\$203,489,494	\$235,303,820	15.6%
94	Furniture & Bedding	\$306,918,442	\$301,983,488	\$244,558,976	\$279,374,487	\$231,932,928	-17.0%
70	Glass & Glassware	\$254,078,460	\$215,412,208	\$198,447,229	\$219,186,733	\$218,051,016	-0.5%
29	Organic Chemicals	\$105,160,905	\$133,042,822	\$77,501,599	\$149,013,413	\$209,964,635	40.9%

# Mexico

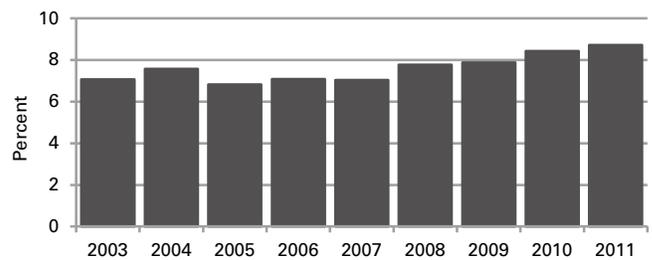
## Ohio Exports



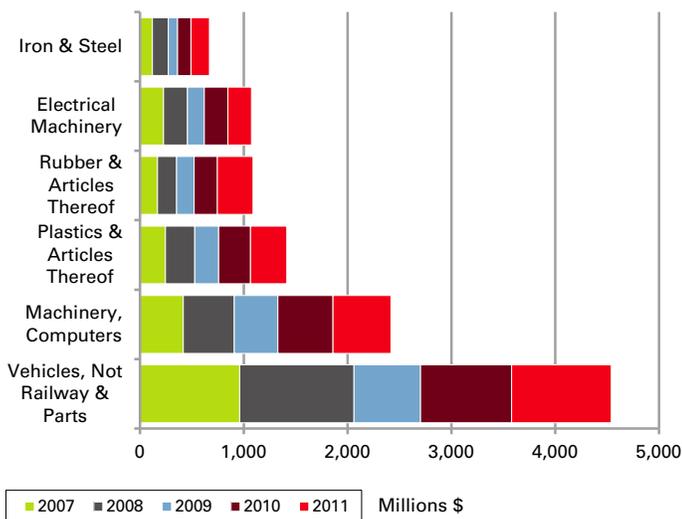
### Export Trends



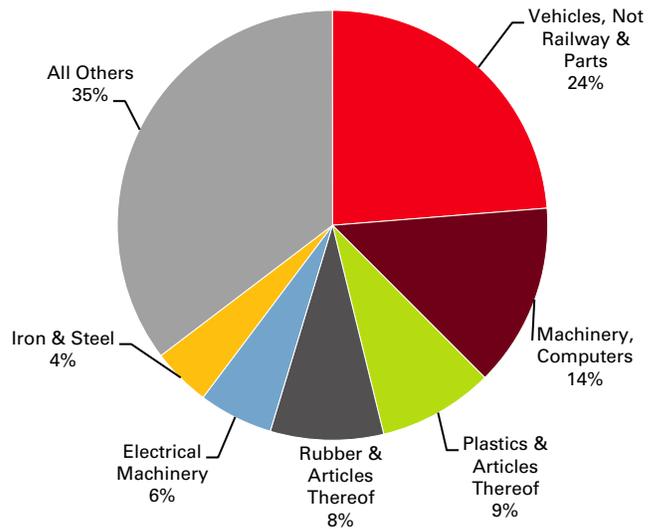
### Share of Ohio Exports



### Total Exports: 2007 to 2011



### Distribution of Exports: 2011



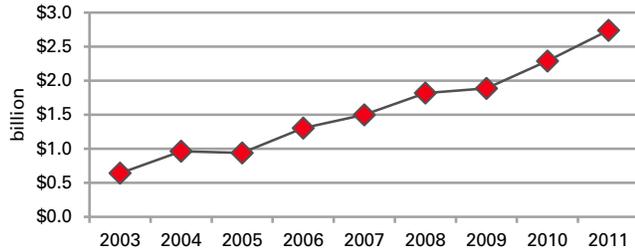
HS Code	Description	2007 Exports	2008 Exports	2009 Exports	2010 Exports	2011 Exports	% Change 10 to 11
<b>Total</b>		<b>\$2,995,489,054</b>	<b>\$3,543,577,311</b>	<b>\$2,686,551,638</b>	<b>\$3,494,691,311</b>	<b>\$4,048,001,201</b>	<b>15.8%</b>
87	Vehicles, Not Railway	\$959,025,483	\$1,103,515,408	\$641,993,096	\$877,496,733	\$960,417,136	9.4%
84	Machinery, Inc.Computers	\$417,883,874	\$489,529,645	\$422,151,846	\$530,513,496	\$557,426,548	5.1%
39	Plastics & Articles Thereof	\$245,583,375	\$281,918,520	\$229,316,595	\$307,368,036	\$351,682,227	14.4%
40	Rubber & Articles Thereof	\$167,316,781	\$186,426,486	\$166,434,099	\$225,951,580	\$343,594,025	52.1%
85	Electrical Machinery	\$227,301,937	\$230,469,986	\$162,062,015	\$227,952,841	\$226,343,329	-0.7%
72	Iron & Steel	\$120,156,774	\$152,141,273	\$90,404,005	\$128,965,070	\$178,266,741	38.2%
32	Tanning, Dye, Paint, Putty	\$100,670,554	\$115,239,028	\$125,665,354	\$139,212,761	\$169,747,162	21.9%
88	Aircraft; Spacecraft & Parts	\$35,404,214	\$50,352,981	\$62,315,631	\$84,015,000	\$156,781,892	86.6%
73	Iron/Steel Products	\$58,297,987	\$75,685,733	\$73,186,366	\$95,871,928	\$134,865,712	40.7%
76	Aluminum & Art. Thereof	\$49,941,230	\$65,751,207	\$109,266,867	\$158,151,597	\$128,641,182	-18.7%
38	Misc. Chemical Products	\$99,825,927	\$128,609,743	\$91,217,969	\$96,347,724	\$96,826,165	0.5%
48	Paper, Paperboard	\$34,786,754	\$42,902,351	\$49,306,067	\$65,557,554	\$82,634,161	26.0%
90	Optic/Medical Instruments	\$64,124,557	\$87,173,340	\$63,975,190	\$60,936,580	\$67,881,782	11.4%
30	Pharmaceutical Products	\$31,059,591	\$41,147,281	\$25,877,679	\$24,535,058	\$52,299,507	113.2%
94	Furniture & Bedding	\$28,608,102	\$27,696,837	\$20,515,110	\$22,018,592	\$41,150,005	86.9%
70	Glass & Glassware	\$19,602,532	\$25,446,519	\$25,731,504	\$44,981,637	\$36,034,460	-19.9%
83	Misc. Articles Base Metal	\$17,791,117	\$31,694,455	\$31,026,084	\$25,741,117	\$35,694,817	38.7%
82	Tools/Cutlry Base Metals	\$33,663,529	\$27,429,935	\$15,951,829	\$16,525,858	\$28,077,153	69.9%
33	Perfumery, Cosmetic, etc	\$37,890,747	\$56,623,221	\$44,086,612	\$23,773,467	\$27,988,527	17.7%
55	Manmade Staple Fibers	\$11,456,459	\$20,242,798	\$14,586,275	\$15,958,080	\$25,262,484	58.3%

# China

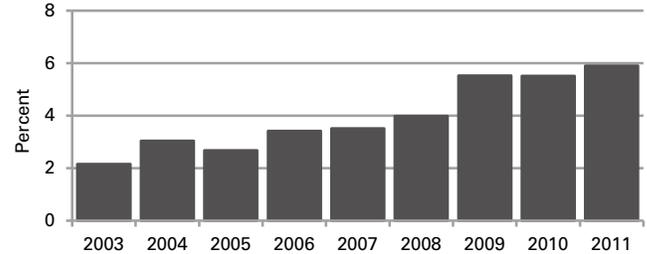
## Ohio Exports



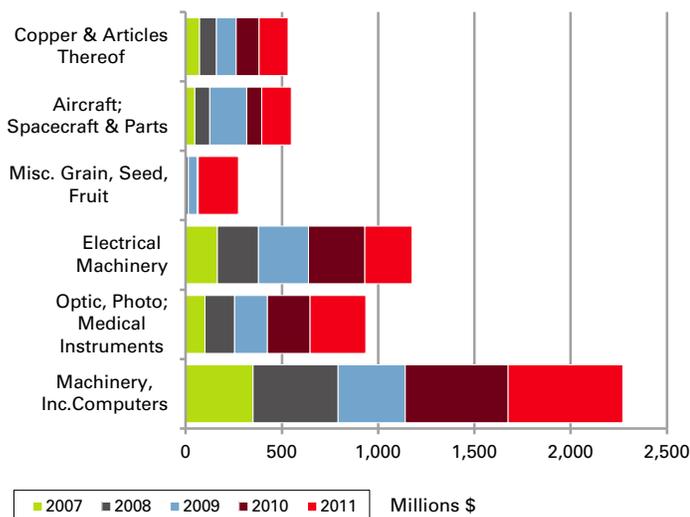
### Export Trends



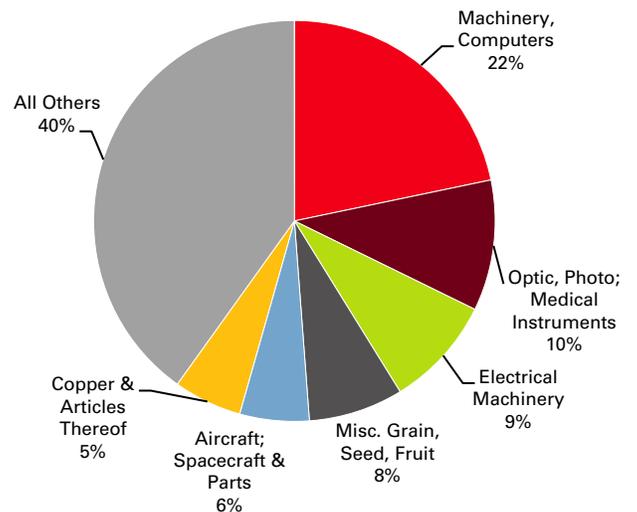
### Share of Ohio Exports



### Total Exports: 2007 to 2011



### Distribution of Exports: 2011



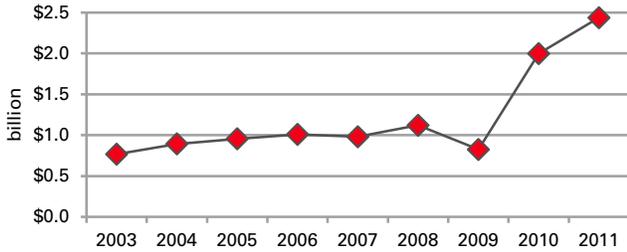
HS Code	Description	2007 Exports	2008 Exports	2009 Exports	2010 Exports	2011 Exports	% Change 10 to 11
<b>Total</b>		<b>\$1,498,252,418</b>	<b>\$1,818,908,552</b>	<b>\$1,886,249,748</b>	<b>\$2,288,521,708</b>	<b>\$2,739,294,031</b>	<b>19.7%</b>
84	Machinery, Inc. Computers	\$350,054,129	\$441,822,725	\$349,854,082	\$533,389,291	\$595,047,328	11.6%
90	Optic/Medical Instruments	\$100,837,654	\$153,587,504	\$169,851,410	\$222,692,309	\$288,370,324	29.5%
85	Electrical Machinery	\$165,786,428	\$212,476,401	\$260,015,886	\$293,342,841	\$244,757,990	-16.6%
12	Misc. Grain, Seed, Fruit	\$2,922,075	\$11,490,054	\$44,428,974	\$6,465,954	\$208,853,578	3130.1%
88	Aircraft; Spacecraft & Parts	\$48,325,272	\$76,568,014	\$192,434,920	\$78,031,509	\$153,045,466	96.1%
74	Copper & Articles Thereof	\$73,124,477	\$87,102,473	\$101,999,089	\$118,694,666	\$150,546,788	26.8%
39	Plastics & Articles Thereof	\$101,787,955	\$116,911,906	\$86,895,265	\$133,366,623	\$129,442,811	-2.9%
76	Aluminum & Art. Thereof	\$31,412,242	\$66,086,982	\$100,823,639	\$82,341,900	\$95,887,323	16.5%
26	Ores, Slag, Ash	\$573,118	\$884,487	\$607,475	\$1,908,981	\$68,646,141	3496.0%
87	Vehicles, Not Railway	\$77,769,677	\$51,829,377	\$144,310,607	\$177,187,436	\$67,145,304	-62.1%
73	Iron/Steel Products	\$26,587,666	\$45,678,462	\$24,618,537	\$49,937,301	\$58,968,394	18.1%
38	Misc. Chemical Products	\$52,034,588	\$57,386,492	\$43,335,270	\$54,775,025	\$56,527,401	3.2%
72	Iron & Steel	\$111,436,872	\$84,566,720	\$50,464,310	\$54,198,482	\$53,569,044	-1.2%
29	Organic Chemicals	\$89,858,058	\$68,847,436	\$38,925,352	\$43,180,916	\$52,525,919	21.6%
44	Wood & Articles of Wood	\$13,620,774	\$17,098,363	\$15,983,898	\$31,323,844	\$46,701,484	49.1%
40	Rubber & Articles Thereof	\$17,606,393	\$24,013,172	\$25,177,189	\$43,581,795	\$44,297,752	1.6%
70	Glass & Glassware	\$37,906,980	\$39,613,341	\$20,889,743	\$70,045,239	\$40,319,267	-42.4%
47	Wood Pulp, etc	\$5,151,913	\$7,505,674	\$10,963,700	\$14,239,026	\$34,728,519	143.9%
82	Tools/Cutlry Base Metals	\$13,266,832	\$12,633,556	\$13,537,820	\$19,775,897	\$32,351,382	63.6%
28	Inorganic Chemicals	\$18,431,925	\$28,217,591	\$20,897,748	\$26,587,442	\$31,788,050	19.6%

# France

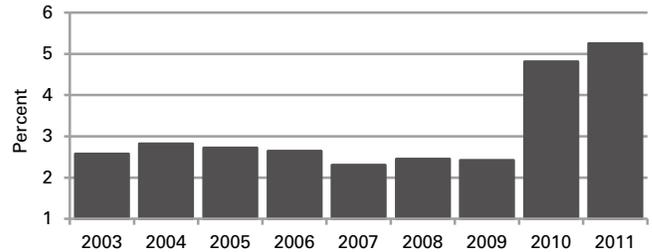
## Ohio Exports

# Ohio

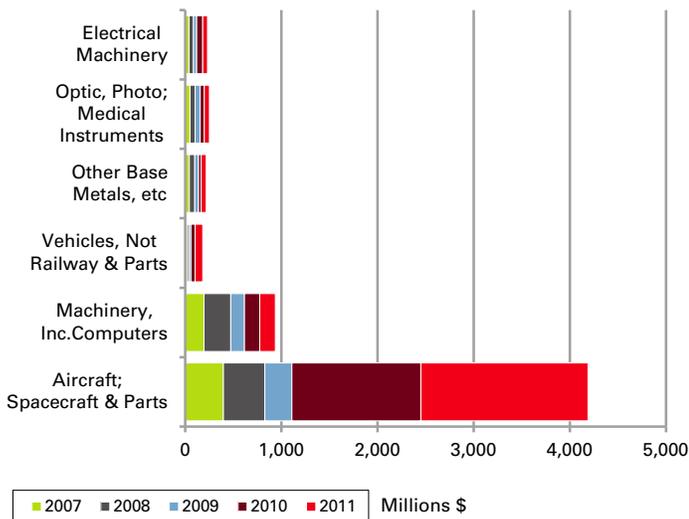
### Export Trends



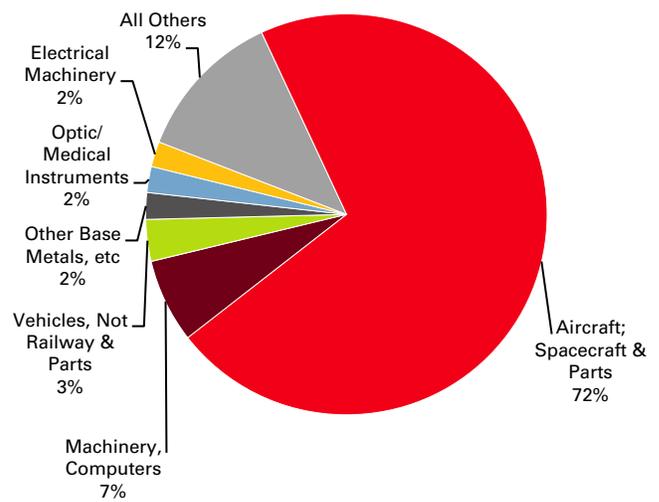
### Share of Ohio Exports



### Total Exports: 2007 to 2011



### Distribution of Exports: 2011



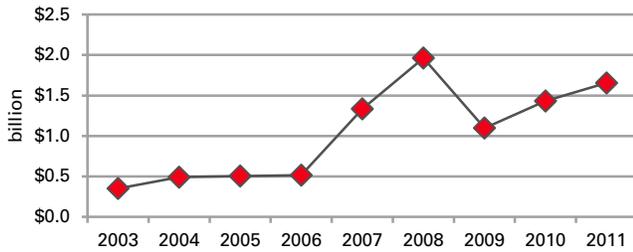
HS Code	Description	2007 Exports	2008 Exports	2009 Exports	2010 Exports	2011 Exports	% Change 10 to 11
<b>Total</b>		<b>\$980,506,744</b>	<b>\$1,120,514,591</b>	<b>\$824,942,324</b>	<b>\$1,998,244,018</b>	<b>\$2,436,859,599</b>	<b>22.0%</b>
88	Aircraft; Spacecraft & Parts	\$396,566,612	\$430,624,933	\$280,391,840	\$1,341,266,637	\$1,740,588,843	29.8%
84	Machinery, Inc. Computers	\$194,726,848	\$276,719,027	\$143,322,359	\$158,346,603	\$164,519,932	3.9%
87	Vehicles, Not Railway	\$22,700,072	\$17,168,202	\$18,835,723	\$41,477,358	\$81,776,586	97.2%
81	Other Base Metals, etc	\$43,203,734	\$53,152,774	\$42,589,947	\$25,988,883	\$52,561,502	102.2%
90	Optic/Medical Instruments	\$49,228,215	\$53,066,957	\$51,659,973	\$44,615,769	\$50,902,679	14.1%
85	Electrical Machinery	\$37,644,191	\$45,503,054	\$36,200,089	\$60,618,258	\$49,490,763	-18.4%
38	Misc. Chemical Products	\$52,853,352	\$28,428,777	\$18,517,374	\$30,237,915	\$47,643,304	57.6%
39	Plastics & Articles Thereof	\$28,610,860	\$28,146,013	\$23,650,316	\$31,415,762	\$30,215,534	-3.8%
29	Organic Chemicals	\$11,764,085	\$13,026,009	\$18,028,554	\$33,048,535	\$29,876,427	-9.6%
76	Aluminum & Art. Thereof	\$20,779,675	\$20,796,828	\$11,390,163	\$18,614,764	\$26,218,812	40.8%
73	Iron/Steel Products	\$17,837,794	\$22,634,452	\$19,102,145	\$22,326,778	\$24,847,384	11.3%
30	Pharmaceutical Products	\$11,815,733	\$26,140,255	\$39,091,174	\$48,328,828	\$23,558,273	-51.3%
98	Special Other	\$17,577,118	\$17,598,830	\$24,186,906	\$17,299,808	\$18,728,520	8.3%
70	Glass & Glassware	\$9,099,276	\$10,307,030	\$7,132,408	\$11,514,863	\$11,163,502	-3.1%
74	Copper & Articles Thereof	\$6,977,858	\$11,210,350	\$4,881,325	\$6,889,071	\$9,384,062	36.2%
27	Mineral Fuel, Oil, etc	\$733,560	\$1,284,449	\$6,477,233	\$16,204,768	\$7,784,453	-52.0%
28	Inorganic Chemicals	\$3,346,935	\$4,220,775	\$4,134,722	\$4,932,957	\$7,569,590	53.4%
72	Iron & Steel	\$8,280,672	\$13,848,970	\$5,199,533	\$8,452,551	\$6,770,786	-19.9%
75	Nickel & Articles Thereof	\$2,156,067	\$3,694,597	\$2,126,594	\$2,601,369	\$5,482,400	110.8%
19	Baking Related Products	\$38,080	\$176,618	\$3,950,560	\$4,531,780	\$5,085,720	12.2%

# Brazil

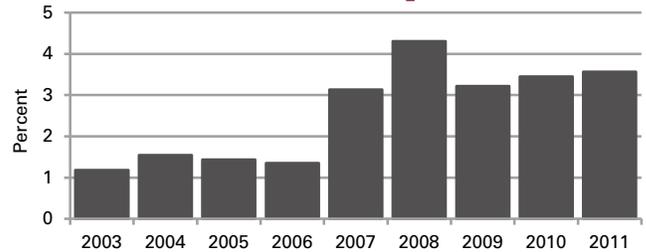
## Ohio Exports



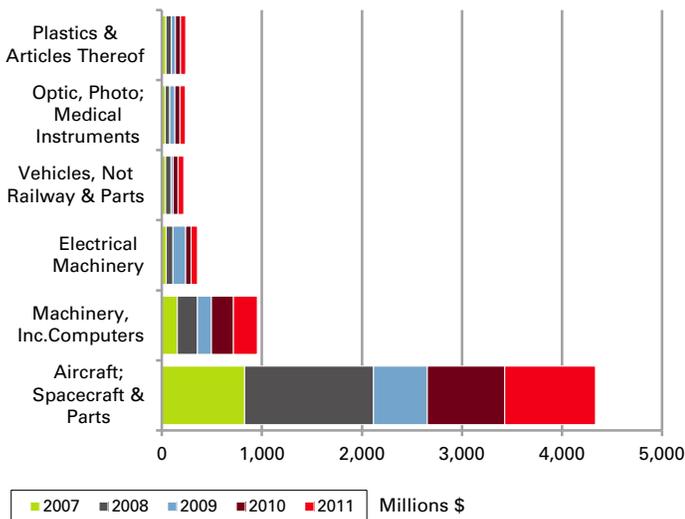
### Export Trends



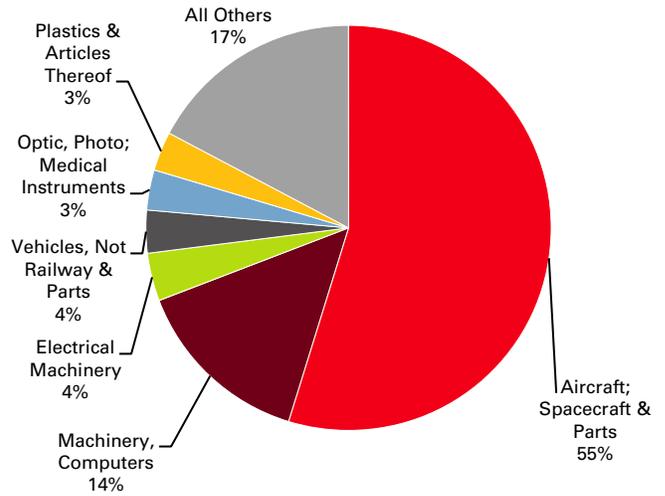
### Share of Ohio Exports



### Total Exports: 2007 to 2011



### Distribution of Exports: 2011



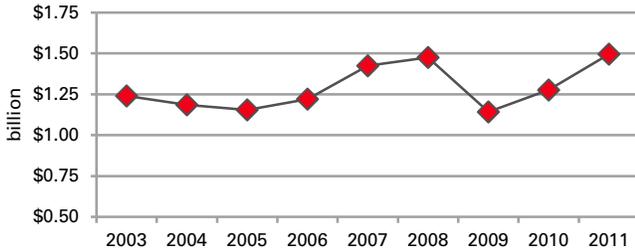
HS Code	Description	2007 Exports	2008 Exports	2009 Exports	2010 Exports	2011 Exports	% Change 10 to 11
<b>Total</b>		<b>\$1,334,743,003</b>	<b>\$1,962,949,672</b>	<b>\$1,098,248,009</b>	<b>\$1,431,994,048</b>	<b>\$1,654,891,764</b>	<b>15.6%</b>
88	Aircraft; Spacecraft & Parts	\$827,217,777	\$1,288,865,151	\$539,775,128	\$772,374,070	\$906,452,787	17.4%
84	Machinery, Inc.Computers	\$154,768,016	\$201,584,676	\$138,470,994	\$220,259,511	\$238,195,830	8.1%
85	Electrical Machinery	\$44,310,170	\$66,718,953	\$127,719,111	\$52,984,125	\$63,404,443	19.7%
87	Vehicles, Not Railway	\$37,447,337	\$52,135,171	\$22,137,998	\$50,136,286	\$56,483,539	12.7%
90	Optic/Medical Instruments	\$32,989,412	\$45,613,061	\$50,295,157	\$52,409,979	\$53,158,397	1.4%
39	Plastics & Articles Thereof	\$39,567,337	\$53,781,961	\$40,735,744	\$52,589,912	\$51,617,654	-1.8%
73	Iron/Steel Products	\$19,413,642	\$19,837,407	\$13,941,427	\$25,606,492	\$36,729,713	43.4%
38	Misc. Chemical Products	\$25,745,499	\$28,348,637	\$19,286,400	\$24,822,652	\$34,252,351	38.0%
29	Organic Chemicals	\$24,364,189	\$21,825,626	\$17,013,565	\$32,151,438	\$32,587,952	1.4%
32	Tanning, Dye, Paint, Putty	\$17,115,745	\$22,055,178	\$6,288,842	\$11,373,364	\$27,638,912	143.0%
72	Iron & Steel	\$7,919,351	\$57,951,333	\$17,414,442	\$19,537,594	\$19,059,048	-2.4%
76	Aluminum & Art. Thereof	\$9,499,896	\$8,169,061	\$9,242,157	\$9,591,059	\$12,871,051	34.2%
82	Tools/Cutlry Base Metals	\$9,898,758	\$4,911,475	\$5,743,861	\$9,452,700	\$12,837,141	35.8%
34	Soap, Waxes, etc	\$6,691,560	\$7,031,878	\$6,993,422	\$10,163,732	\$12,091,219	19.0%
98	Special Other	\$7,473,059	\$9,190,580	\$9,663,068	\$8,539,165	\$11,535,657	35.1%
40	Rubber & Articles Thereof	\$13,041,077	\$9,443,831	\$5,922,525	\$11,046,761	\$11,180,128	1.2%
83	Misc. Articles Base Metal	\$4,551,513	\$4,099,031	\$3,183,573	\$8,122,988	\$10,160,116	25.1%
21	Misc. Edible Preparations	\$1,379,425	\$1,807,987	\$2,714,257	\$5,579,963	\$8,300,252	48.8%
31	Fertilizers	\$139,448	\$1,025,506	\$366,517	\$3,300,000	\$5,536,731	67.8%
28	Inorganic Chemicals	\$2,404,669	\$1,874,784	\$1,850,404	\$3,427,040	\$4,154,372	21.2%

# United Kingdom

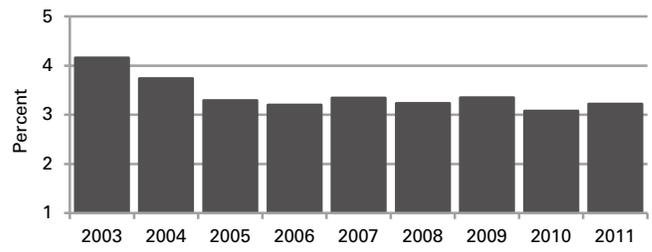
## Ohio Exports



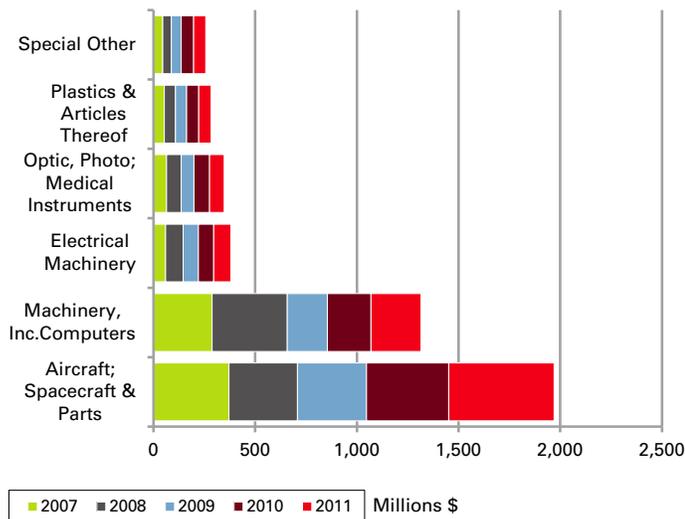
### Export Trends



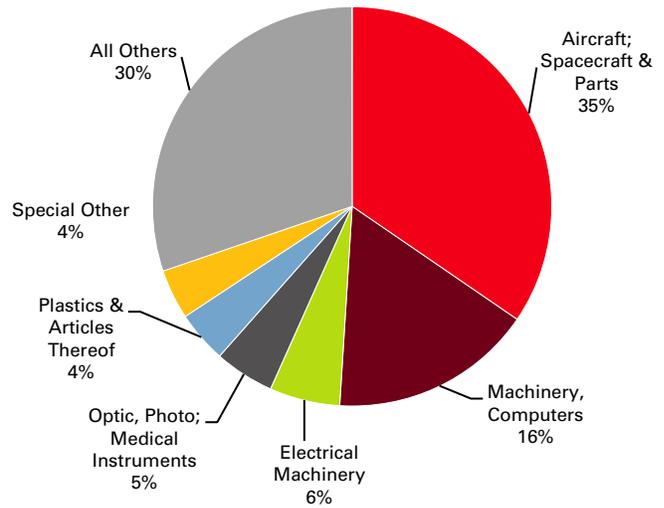
### Share of Ohio Exports



### Total Exports: 2007 to 2011



### Distribution of Exports: 2011



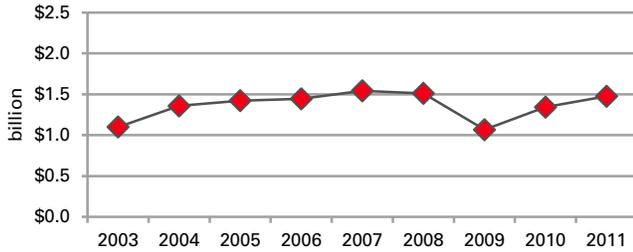
HS Code	Description	2007 Exports	2008 Exports	2009 Exports	2010 Exports	2011 Exports	% Change 10 to 11
<b>Total</b>		<b>\$1,424,446,905</b>	<b>\$1,475,304,963</b>	<b>\$1,142,071,300</b>	<b>\$1,276,296,207</b>	<b>\$1,495,692,762</b>	<b>17.2%</b>
88	Aircraft; Spacecraft & Parts	\$371,297,893	\$336,154,493	\$340,603,530	\$403,960,379	\$517,166,765	28.0%
84	Machinery, Inc. Computers	\$288,393,903	\$369,687,012	\$197,632,334	\$213,647,441	\$245,633,617	15.0%
85	Electrical Machinery	\$60,134,568	\$85,264,141	\$75,643,999	\$74,818,502	\$85,072,367	13.7%
90	Optic/Medical Instruments	\$64,570,416	\$71,426,073	\$62,555,949	\$76,745,336	\$72,490,683	-5.5%
39	Plastics & Articles Thereof	\$53,898,768	\$53,846,308	\$55,754,049	\$58,374,091	\$62,562,003	7.2%
98	Special Other	\$46,326,195	\$42,343,062	\$48,365,277	\$60,159,563	\$60,319,143	0.3%
81	Other Base Metals, etc	\$80,620,517	\$72,943,643	\$53,124,148	\$50,528,174	\$59,589,672	17.9%
87	Vehicles, Not Railway	\$112,879,716	\$90,565,182	\$28,581,450	\$33,133,523	\$42,124,611	27.1%
73	Iron/Steel Products	\$47,412,805	\$49,590,686	\$28,555,020	\$28,307,436	\$36,490,095	28.9%
33	Perfumery, Cosmetic, etc	\$6,710,237	\$11,015,052	\$9,239,264	\$28,477,293	\$28,286,443	-0.7%
82	Tools/Cutlry Base Metals	\$13,681,945	\$15,943,724	\$8,637,948	\$23,526,762	\$24,992,257	6.2%
76	Aluminum & Art. Thereof	\$27,998,142	\$24,126,635	\$15,217,531	\$17,810,428	\$17,300,830	-2.9%
32	Tanning, Dye, Paint, Putty	\$13,398,848	\$13,694,673	\$10,731,727	\$18,721,130	\$15,989,629	-14.6%
40	Rubber & Articles Thereof	\$18,812,384	\$23,244,952	\$17,613,434	\$18,261,072	\$15,748,048	-13.8%
28	Inorganic Chemicals	\$10,891,782	\$11,193,491	\$6,666,053	\$6,580,899	\$15,560,450	136.4%
34	Soap, Waxes, etc	\$12,798,130	\$11,318,203	\$29,587,364	\$14,327,193	\$15,285,148	6.7%
68	Stone,Plaster,Cement,etc	\$1,833,475	\$2,496,582	\$3,168,599	\$4,996,776	\$14,226,358	184.7%
72	Iron & Steel	\$14,639,817	\$12,818,568	\$5,702,577	\$10,874,376	\$14,018,973	28.9%
44	Wood & Articles of Wood	\$16,818,330	\$13,020,233	\$10,187,978	\$11,105,127	\$12,150,641	9.4%
70	Glass & Glassware	\$9,683,652	\$8,481,816	\$5,970,808	\$8,436,622	\$10,808,685	28.1%

# Japan

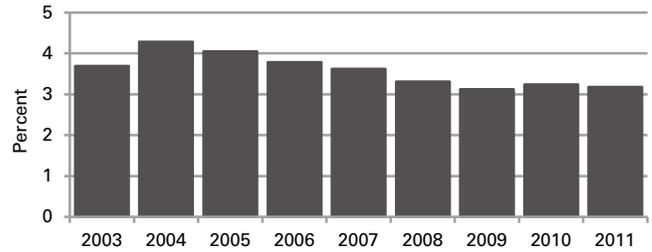
## Ohio Exports



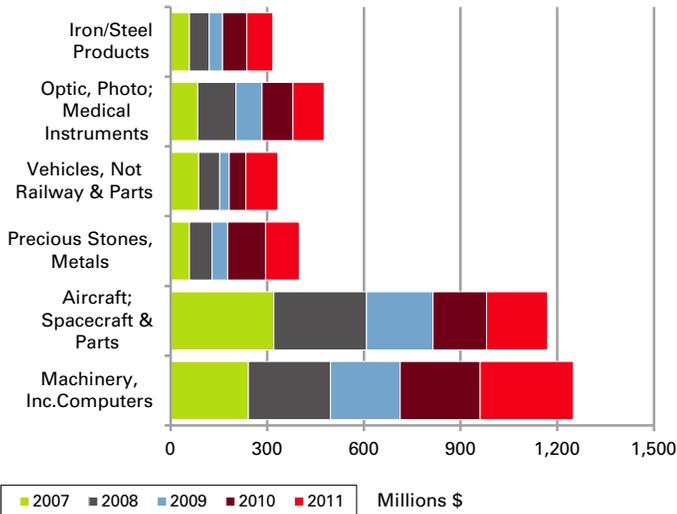
### Export Trends



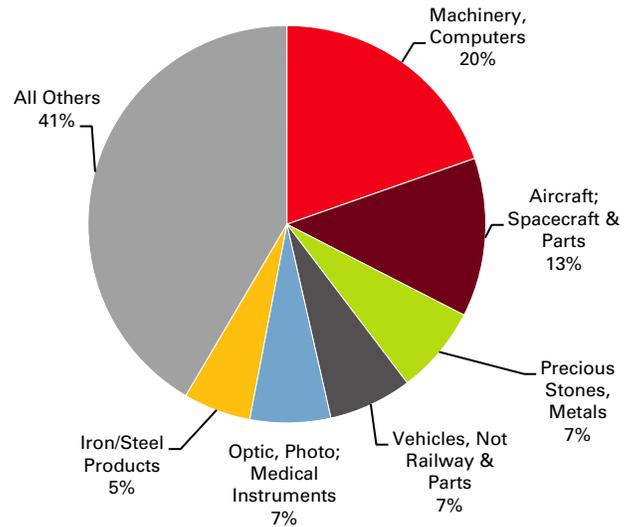
### Share of Ohio Exports



### Total Exports: 2007 to 2011



### Distribution of Exports: 2011



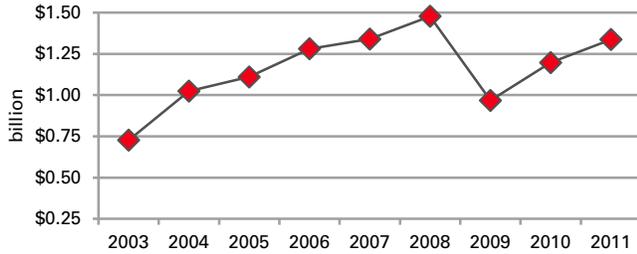
HS Code	Description	2007 Exports	2008 Exports	2009 Exports	2010 Exports	2011 Exports	% Change 10 to 11
<b>Total</b>		<b>\$1,542,562,463</b>	<b>\$1,511,792,939</b>	<b>\$1,066,420,978</b>	<b>\$1,343,017,593</b>	<b>\$1,475,913,308</b>	<b>9.9%</b>
84	Machinery, Inc. Computers	\$241,923,646	\$254,417,559	\$216,121,895	\$248,008,688	\$289,884,776	16.9%
88	Aircraft; Spacecraft & Parts	\$320,110,487	\$287,497,723	\$207,035,844	\$165,688,724	\$190,395,188	14.9%
71	Precious Stones, Metals	\$58,175,373	\$71,061,224	\$47,656,254	\$117,528,362	\$105,447,116	-10.3%
87	Vehicles, Not Railway	\$87,678,916	\$64,505,313	\$30,070,208	\$51,726,744	\$99,754,589	92.8%
90	Optic/Medical Instruments	\$84,779,230	\$117,666,024	\$81,613,886	\$95,806,507	\$96,805,016	1.0%
73	Iron/Steel Products	\$59,109,367	\$60,706,990	\$41,243,218	\$74,996,520	\$81,041,951	8.1%
85	Electrical Machinery	\$73,593,527	\$60,091,955	\$42,324,544	\$50,123,517	\$62,822,038	25.3%
38	Misc. Chemical Products	\$79,643,421	\$55,010,806	\$48,325,258	\$57,262,342	\$55,503,154	-3.1%
29	Organic Chemicals	\$19,804,609	\$22,771,558	\$10,858,379	\$37,008,529	\$55,313,197	49.5%
12	Misc. Grain, Seed, Fruit	\$20,947,996	\$42,364,412	\$33,238,920	\$46,666,723	\$42,160,751	-9.7%
70	Glass & Glassware	\$64,750,948	\$40,273,298	\$16,167,786	\$40,250,237	\$41,921,304	4.2%
39	Plastics & Articles Thereof	\$59,650,604	\$62,461,319	\$38,515,619	\$49,293,948	\$41,250,562	-16.3%
28	Inorganic Chemicals	\$52,551,149	\$26,955,527	\$17,618,080	\$27,542,267	\$33,355,720	21.1%
93	Arms & Ammunition	\$67,679,005	\$57,758,618	\$38,942,564	\$52,102,244	\$30,719,115	-41.0%
30	Pharmaceutical Products	\$7,860,264	\$15,591,782	\$16,344,131	\$16,317,754	\$25,832,332	58.3%
34	Soap, Waxes, etc	\$12,493,035	\$14,709,626	\$21,548,664	\$24,802,323	\$23,612,952	-4.8%
82	Tools/Cutlry Base Metals	\$20,244,486	\$20,579,551	\$11,026,541	\$14,123,935	\$18,007,638	27.5%
40	Rubber & Articles Thereof	\$8,673,963	\$6,865,553	\$6,541,994	\$10,465,671	\$13,390,851	28.0%
74	Copper & Articles Thereof	\$13,381,930	\$14,722,621	\$9,526,492	\$12,281,752	\$13,161,593	7.2%
76	Aluminum & Art. Thereof	\$13,718,737	\$19,760,244	\$7,564,572	\$12,201,246	\$12,325,779	1.0%

# Germany

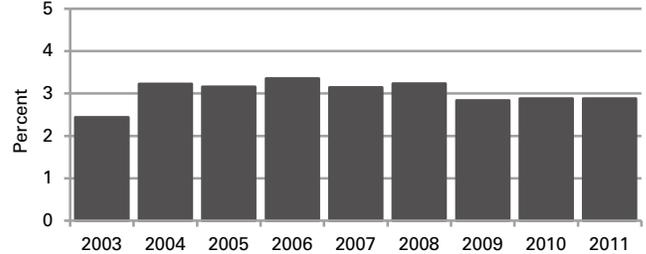
## Ohio Exports



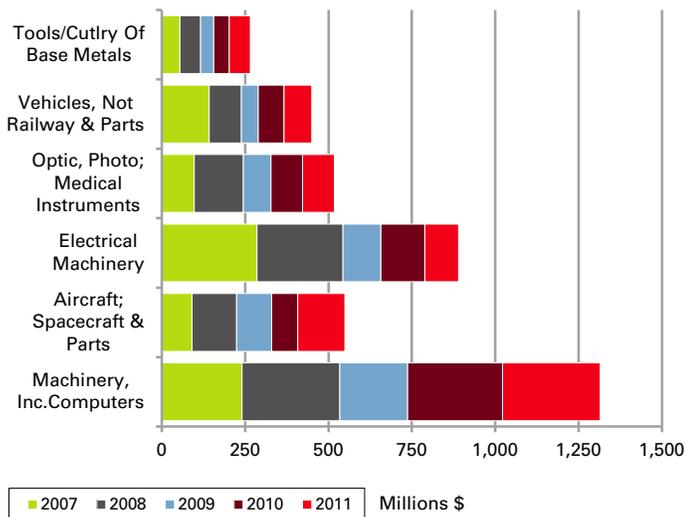
### Export Trends



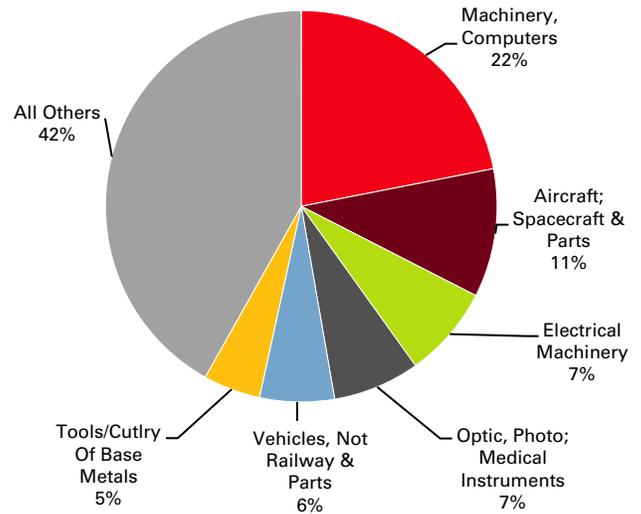
### Share of Ohio Exports



### Total Exports: 2007 to 2011



### Distribution of Exports: 2011



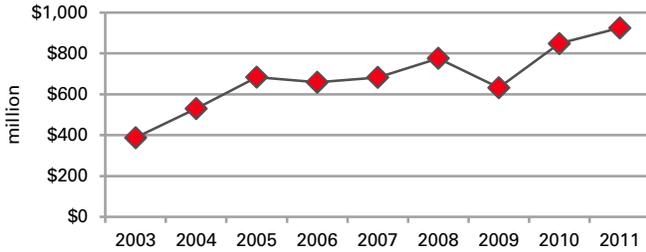
HS Code	Description	2007 Exports	2008 Exports	2009 Exports	2010 Exports	2011 Exports	% Change 10 to 11
<b>Total</b>		<b>\$1,339,454,516</b>	<b>\$1,477,707,225</b>	<b>\$967,379,758</b>	<b>\$1,196,779,428</b>	<b>\$1,336,993,939</b>	<b>11.7%</b>
84	Machinery, Inc.Computers	\$240,696,936	\$292,769,608	\$203,549,463	\$284,721,953	\$292,884,215	2.9%
88	Aircraft; Spacecraft & Parts	\$91,105,599	\$133,653,291	\$104,189,873	\$78,583,892	\$142,011,425	80.7%
85	Electrical Machinery	\$285,515,032	\$257,688,428	\$114,231,919	\$131,691,989	\$101,260,939	-23.1%
90	Optic/Medical Instruments	\$97,741,339	\$146,640,774	\$82,942,458	\$94,930,849	\$95,779,462	0.9%
87	Vehicles, Not Railway	\$142,346,142	\$95,952,334	\$51,200,944	\$77,568,576	\$82,409,358	6.2%
82	Tools/Cutlry Base Metals	\$54,796,412	\$61,908,163	\$38,415,109	\$47,527,705	\$63,166,672	32.9%
74	Copper & Articles Thereof	\$46,243,481	\$39,008,509	\$21,296,026	\$45,636,379	\$54,554,170	19.5%
39	Plastics & Articles Thereof	\$33,332,374	\$42,085,524	\$33,403,152	\$43,716,798	\$52,232,280	19.5%
29	Organic Chemicals	\$27,090,967	\$68,077,590	\$43,657,004	\$36,289,634	\$47,129,494	29.9%
73	Iron/Steel Products	\$29,181,017	\$36,107,678	\$22,583,799	\$35,270,105	\$41,453,817	17.5%
30	Pharmaceutical Products	\$33,977,702	\$26,285,337	\$28,462,803	\$11,377,940	\$32,245,512	183.4%
40	Rubber & Articles Thereof	\$26,316,243	\$30,879,905	\$19,963,330	\$26,970,102	\$26,792,143	-0.7%
33	Perfumery, Cosmetic, etc	\$2,239,438	\$1,311,047	\$1,951,955	\$3,938,729	\$26,696,767	577.8%
75	Nickel & Articles Thereof	\$1,205,047	\$3,382,091	\$1,957,122	\$4,156,541	\$25,843,041	521.7%
70	Glass & Glassware	\$28,506,030	\$28,739,929	\$18,759,744	\$22,264,536	\$24,327,220	9.3%
71	Precious Stones, Metals	\$5,543,840	\$12,714,482	\$14,211,811	\$21,097,249	\$21,870,759	3.7%
72	Iron & Steel	\$13,936,010	\$9,424,350	\$16,221,864	\$26,414,827	\$20,341,535	-23.0%
44	Wood & Articles of Wood	\$18,316,844	\$22,033,218	\$15,321,081	\$16,384,460	\$17,387,199	6.1%
81	Other Base Metals, etc	\$21,040,539	\$15,845,135	\$12,443,070	\$9,864,631	\$17,277,307	75.1%
28	Inorganic Chemicals	\$12,782,891	\$8,845,253	\$7,126,885	\$14,812,483	\$14,841,371	0.2%

# Australia

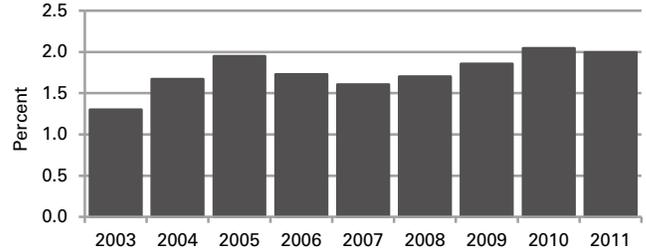
## Ohio Exports



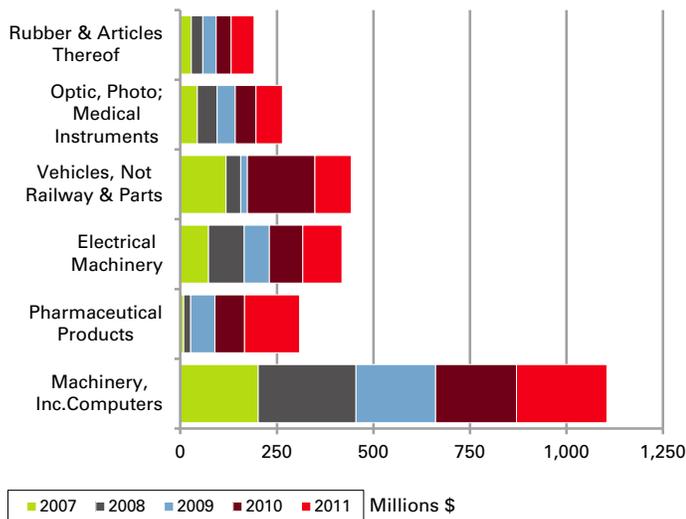
### Export Trends



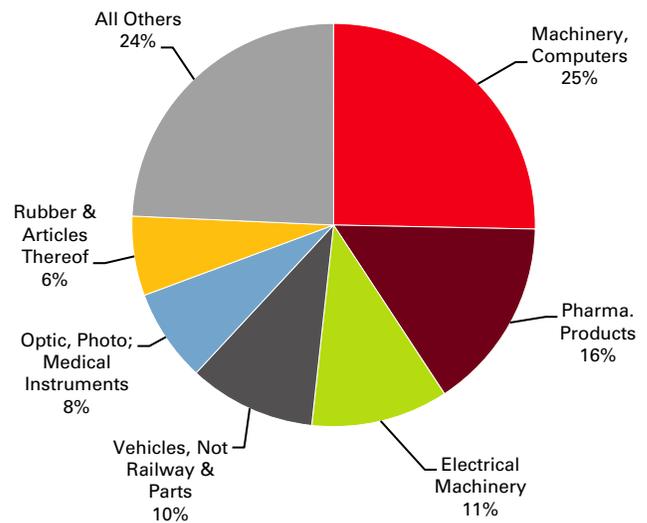
### Share of Ohio Exports



### Total Exports: 2007 to 2011



### Distribution of Exports: 2011



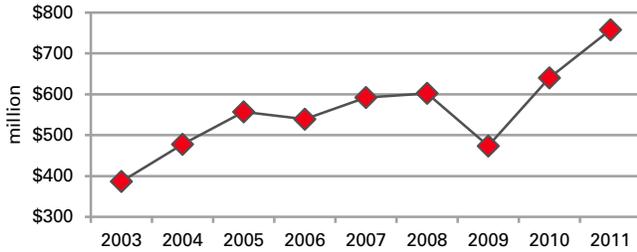
HS Code	Description	2007 Exports	2008 Exports	2009 Exports	2010 Exports	2011 Exports	% Change 10 to 11
<b>Total</b>		<b>\$683,091,995</b>	<b>\$776,541,195</b>	<b>\$632,336,813</b>	<b>\$848,492,184</b>	<b>\$924,769,524</b>	<b>9.0%</b>
84	Machinery, Inc. Computers	\$201,677,228	\$253,015,728	\$206,243,053	\$209,609,556	\$234,215,781	11.7%
30	Pharmaceutical Products	\$8,417,031	\$18,031,340	\$62,995,419	\$76,915,321	\$142,736,344	85.6%
85	Electrical Machinery	\$73,012,426	\$92,701,367	\$65,176,659	\$85,983,313	\$101,506,165	18.1%
87	Vehicles, Not Railway	\$118,348,255	\$37,784,753	\$17,838,613	\$174,560,228	\$94,079,138	-46.1%
90	Optic/Medical Instruments	\$43,946,509	\$51,243,281	\$46,913,879	\$53,821,555	\$68,655,912	27.6%
40	Rubber & Articles Thereof	\$28,180,135	\$29,776,079	\$34,469,697	\$39,240,590	\$58,897,399	50.1%
98	Special Other	\$3,711,727	\$13,796,845	\$2,211,287	\$14,226,328	\$35,454,602	149.2%
39	Plastics & Articles Thereof	\$26,341,914	\$28,528,574	\$24,431,805	\$28,339,845	\$29,895,354	5.5%
73	Iron/Steel Products	\$12,675,575	\$24,345,357	\$13,881,717	\$13,257,149	\$15,675,984	18.2%
33	Perfumery, Cosmetic, etc	\$9,857,716	\$16,702,850	\$17,489,567	\$17,395,678	\$15,187,702	-12.7%
38	Misc. Chemical Products	\$15,205,695	\$9,988,952	\$8,515,494	\$9,316,849	\$11,418,394	22.6%
88	Aircraft; Spacecraft & Parts	\$37,852,282	\$84,865,271	\$35,745,407	\$18,113,287	\$10,150,950	-44.0%
32	Tanning, Dye, Paint, Putty	\$8,274,369	\$11,469,149	\$7,383,656	\$10,611,578	\$9,328,346	-12.1%
34	Soap, Waxes, etc	\$3,171,711	\$5,008,793	\$6,875,774	\$9,716,140	\$9,274,018	-4.6%
49	Book & Newspaper, etc	\$6,801,054	\$7,530,281	\$6,727,167	\$5,467,984	\$8,623,275	57.7%
95	Toys & Sports Equipment	\$3,827,646	\$3,697,573	\$4,457,963	\$6,787,618	\$6,909,999	1.8%
94	Furniture & Bedding	\$4,546,377	\$6,010,132	\$5,685,734	\$6,415,999	\$6,363,803	-0.8%
83	Misc. Articles Base Metal	\$6,959,550	\$6,811,968	\$5,118,475	\$5,380,576	\$5,788,083	7.6%
82	Tools/Cutlry Base Metals	\$5,044,328	\$5,250,679	\$2,602,673	\$4,074,569	\$5,195,216	27.5%
72	Iron & Steel	\$2,580,051	\$2,051,308	\$2,184,773	\$1,647,524	\$4,326,712	162.6%

# Korean Republic

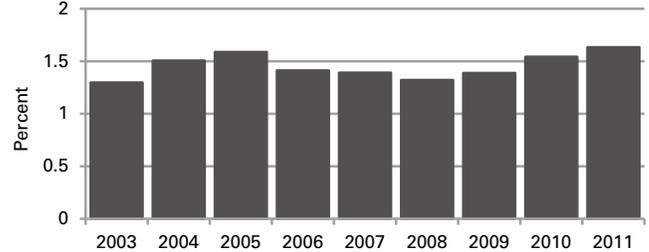
## Ohio Exports



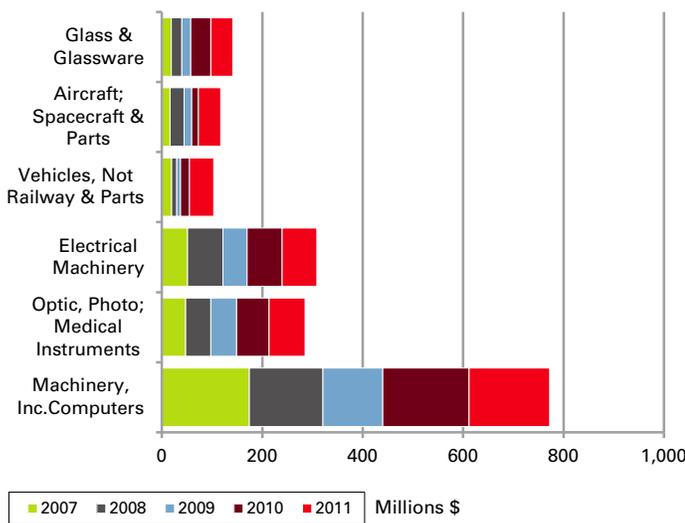
### Export Trends



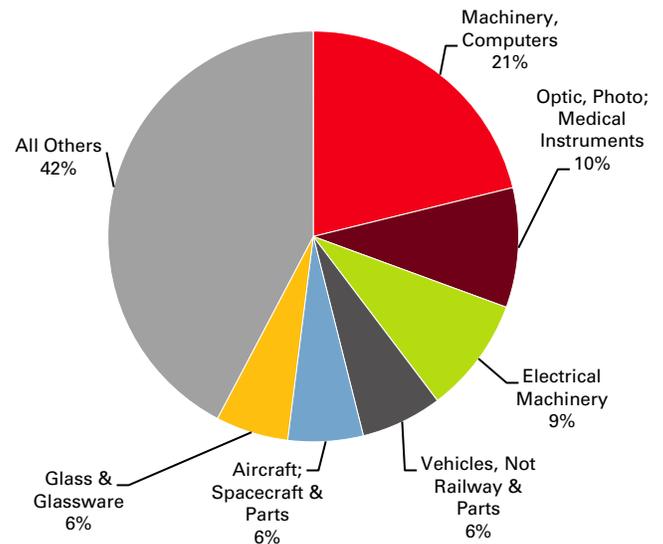
### Share of Ohio Exports



### Total Exports: 2007 to 2011



### Distribution of Exports: 2011



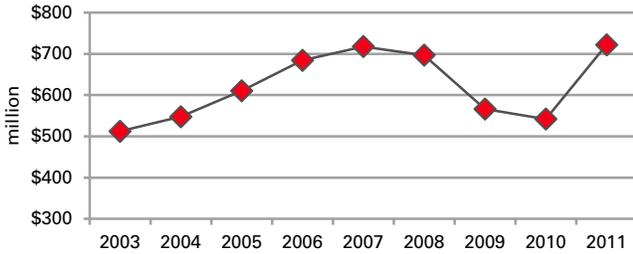
HS Code	Description	2007 Exports	2008 Exports	2009 Exports	2010 Exports	2011 Exports	% Change 10 to 11
<b>Total</b>		<b>\$592,204,504</b>	<b>\$602,493,551</b>	<b>\$473,459,378</b>	<b>\$640,242,280</b>	<b>\$757,896,860</b>	<b>18.4%</b>
84	Machinery, Inc. Computers	\$174,575,338	\$146,192,508	\$119,114,879	\$171,942,867	\$160,436,878	-6.7%
90	Optic/Medical Instruments	\$47,471,260	\$50,423,749	\$51,217,029	\$64,506,046	\$71,479,751	10.8%
85	Electrical Machinery	\$51,373,664	\$70,412,657	\$47,969,435	\$69,902,312	\$68,917,783	-1.4%
87	Vehicles, Not Railway	\$19,839,283	\$9,619,477	\$8,066,282	\$17,578,195	\$48,375,520	175.2%
88	Aircraft; Spacecraft & Parts	\$16,417,810	\$27,896,330	\$15,167,362	\$13,095,841	\$44,853,358	242.5%
70	Glass & Glassware	\$18,806,226	\$20,924,083	\$17,885,029	\$40,064,016	\$43,416,693	8.4%
38	Misc. Chemical Products	\$68,324,762	\$48,408,118	\$35,380,771	\$29,174,807	\$34,997,267	20.0%
81	Other Base Metals, etc	\$17,343,330	\$30,182,966	\$23,343,972	\$33,045,922	\$25,461,590	-23.0%
32	Tanning, Dye, Paint, Putty	\$11,189,677	\$12,765,793	\$9,679,523	\$17,458,709	\$22,548,537	29.2%
28	Inorganic Chemicals	\$6,676,117	\$5,134,324	\$2,617,464	\$5,855,713	\$22,234,268	279.7%
39	Plastics & Articles Thereof	\$24,795,245	\$37,458,494	\$28,773,837	\$24,305,365	\$21,428,825	-11.8%
82	Tools/Cutlry Base Metals	\$5,269,649	\$6,565,907	\$5,377,200	\$9,781,617	\$19,029,386	94.5%
73	Iron/Steel Products	\$16,671,994	\$11,317,356	\$11,652,905	\$12,819,456	\$14,659,657	14.4%
34	Soap, Waxes, etc	\$5,019,092	\$5,526,211	\$7,826,195	\$11,664,186	\$13,349,248	14.4%
29	Organic Chemicals	\$16,977,934	\$14,686,569	\$11,642,572	\$16,768,257	\$12,236,732	-27.0%
68	Stone, Plaster, Cement, etc	\$11,006,529	\$9,879,061	\$10,737,060	\$13,421,910	\$12,074,929	-10.0%
47	Wood Pulp, etc	\$1,119,445	\$1,480,459	\$4,659,265	\$9,959,460	\$11,122,974	11.7%
30	Pharmaceutical Products	\$4,534,549	\$11,500,195	\$6,835,421	\$7,233,003	\$10,299,855	42.4%
74	Copper & Articles Thereof	\$3,417,131	\$4,485,030	\$4,755,233	\$10,107,409	\$10,142,105	0.3%
71	Precious Stones, Metals	\$5,476,538	\$6,822,866	\$3,587,786	\$3,795,920	\$9,974,279	162.8%

# Netherlands

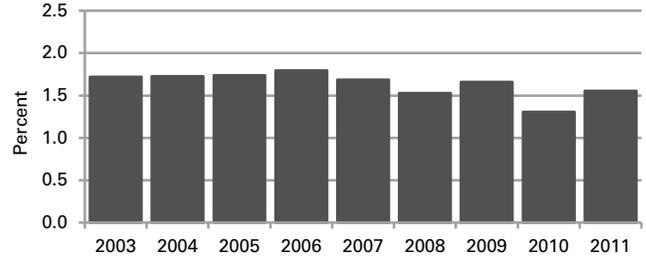
## Ohio Exports



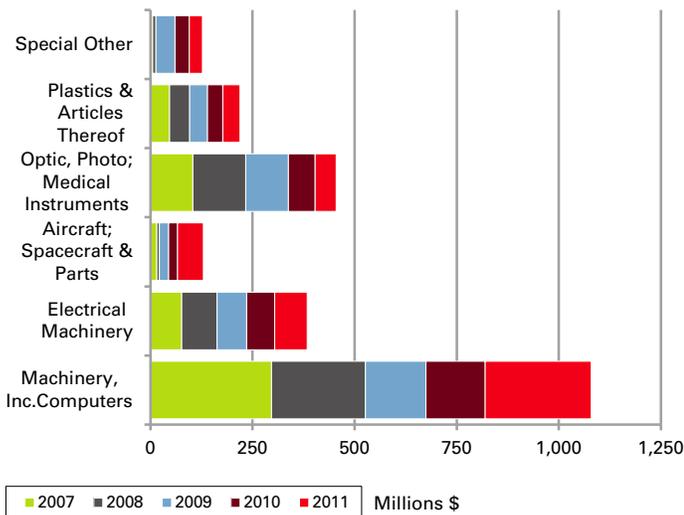
### Export Trends



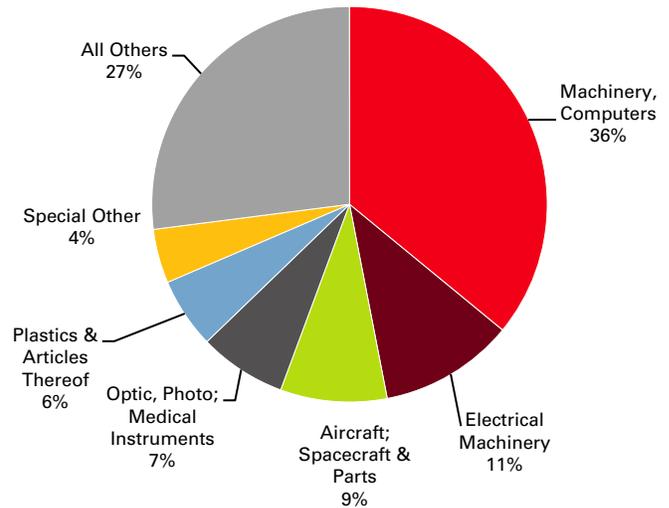
### Share of Ohio Exports



### Total Exports: 2007 to 2011



### Distribution of Exports: 2011



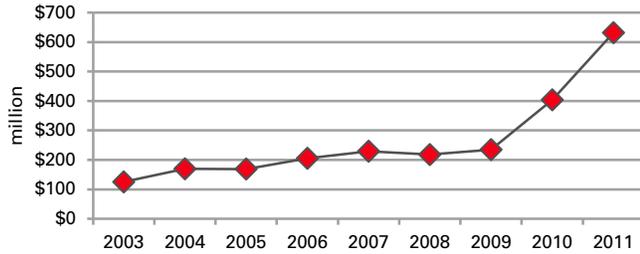
HS Code	Description	2007 Exports	2008 Exports	2009 Exports	2010 Exports	2011 Exports	% Change 10 to 11
<b>Total</b>		<b>\$717,761,452</b>	<b>\$696,903,680</b>	<b>\$566,173,355</b>	<b>\$541,999,439</b>	<b>\$721,761,397</b>	<b>33.2%</b>
84	Machinery, Inc.Computers	\$296,526,971	\$229,487,649	\$148,253,191	\$145,503,262	\$259,492,079	78.3%
85	Electrical Machinery	\$76,726,940	\$86,064,777	\$72,813,796	\$68,773,724	\$79,328,227	15.3%
88	Aircraft; Spacecraft & Parts	\$15,597,969	\$6,459,798	\$22,770,980	\$21,767,400	\$62,841,271	188.7%
90	Optic/Medical Instruments	\$103,753,442	\$129,617,281	\$104,428,275	\$65,666,129	\$51,536,859	-21.5%
39	Plastics & Articles Thereof	\$47,044,751	\$48,687,248	\$43,835,443	\$37,740,856	\$41,553,301	10.1%
98	Special Other	\$5,514,935	\$8,229,737	\$46,091,405	\$35,523,964	\$31,948,857	-10.1%
29	Organic Chemicals	\$13,732,251	\$13,181,789	\$9,404,966	\$16,605,548	\$22,914,058	38.0%
38	Misc. Chemical Products	\$11,337,432	\$16,087,654	\$18,635,537	\$13,499,076	\$18,895,394	40.0%
61	Knit Apparel	\$29,289	\$308,011	\$2,517,896	\$8,600,763	\$17,472,565	103.2%
32	Tanning, Dye, Paint, Putty	\$19,712,274	\$18,082,910	\$8,929,078	\$15,169,418	\$17,206,250	13.4%
73	Iron/Steel Products	\$12,036,223	\$15,571,088	\$7,588,386	\$9,571,395	\$12,244,215	27.9%
28	Inorganic Chemicals	\$4,232,299	\$5,170,194	\$4,596,218	\$6,222,084	\$10,490,788	68.6%
12	Misc. Grain, Seed, Fruit	\$6,872,115	\$331,536	\$314,406	\$380,039	\$9,919,288	2510.1%
62	Woven Apparel	\$6,800	\$5,413	\$797,170	\$2,983,351	\$9,620,940	222.5%
83	Misc. Articles Base Metal	\$3,049,378	\$3,096,076	\$5,325,340	\$8,554,937	\$8,266,243	-3.4%
27	Mineral Fuel, Oil, etc	\$2,347,906	\$133,432	\$4,099,511	\$18,339,498	\$8,042,161	-56.1%
31	Fertilizers	\$3,973,342	\$4,520,616	\$5,058,249	\$9,421,067	\$7,595,059	-19.4%
87	Vehicles, Not Railway	\$33,372,972	\$23,069,229	\$9,019,789	\$6,607,826	\$6,822,323	3.2%
40	Rubber & Articles Thereof	\$5,397,017	\$2,818,048	\$3,967,161	\$2,835,361	\$5,290,643	86.6%
34	Soap, Waxes, etc	\$2,666,208	\$3,977,576	\$4,085,132	\$5,573,614	\$5,082,987	-8.8%

# Switzerland

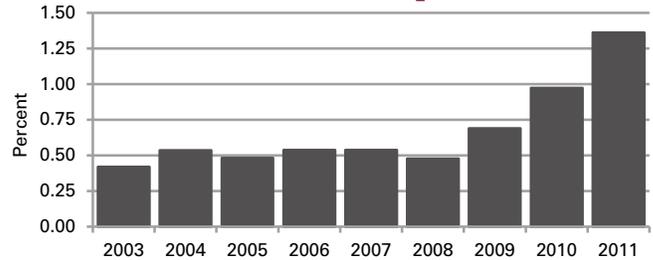
## Ohio Exports



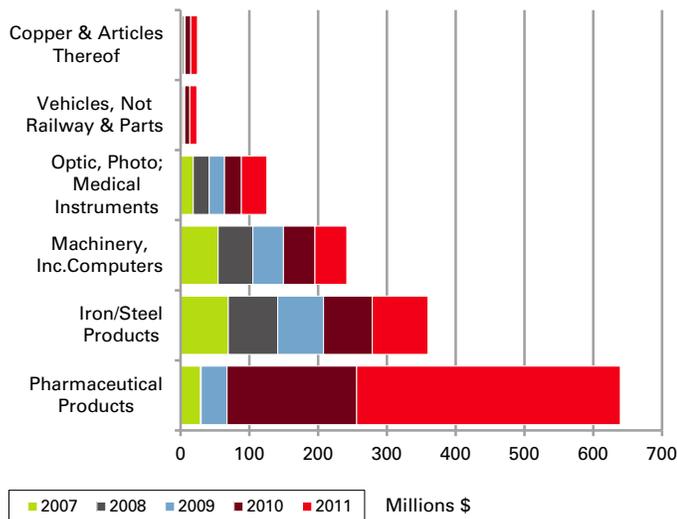
### Export Trends



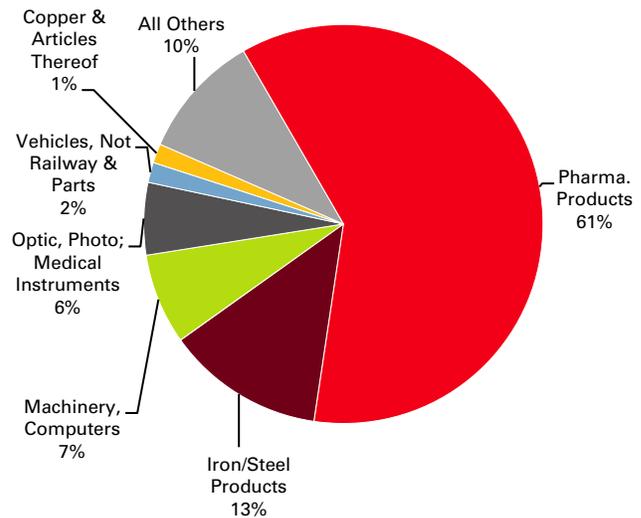
### Share of Ohio Exports



### Total Exports: 2007 to 2011



### Distribution of Exports: 2011



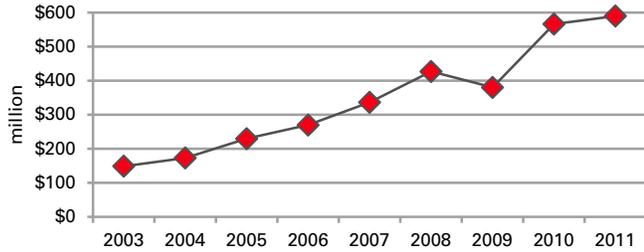
HS Code	Description	2007 Exports	2008 Exports	2009 Exports	2010 Exports	2011 Exports	% Change 10 to 11
<b>Total</b>		<b>\$229,560,507</b>	<b>\$218,154,537</b>	<b>\$234,993,298</b>	<b>\$403,937,202</b>	<b>\$631,801,532</b>	<b>56.4%</b>
30	Pharmaceutical Products	\$28,655,621	\$1,221,152	\$37,758,436	\$188,225,753	\$383,520,570	103.8%
73	Iron/Steel Products	\$69,562,446	\$71,474,782	\$66,578,892	\$71,255,431	\$80,673,245	13.2%
84	Machinery, Inc. Computers	\$54,649,378	\$50,379,762	\$44,543,415	\$45,783,346	\$46,521,612	1.6%
90	Optic/Medical Instruments	\$18,464,046	\$23,098,947	\$22,360,256	\$24,297,775	\$36,980,357	52.2%
87	Vehicles, Not Railway & Pa	\$2,642,979	\$1,997,394	\$1,208,394	\$7,421,059	\$10,332,386	39.2%
74	Copper & Articles Thereof	\$2,559,251	\$2,513,412	\$1,374,196	\$8,391,441	\$9,784,559	16.6%
88	Aircraft; Spacecraft & Parts	\$15,218,356	\$19,352,436	\$16,579,714	\$15,301,343	\$9,244,990	-39.6%
72	Iron & Steel	\$609,084	\$1,014,875	\$817,718	\$2,697,772	\$8,066,858	199.0%
85	Electrical Machinery	\$5,630,730	\$7,488,089	\$4,838,850	\$6,670,792	\$6,488,953	-2.7%
33	Perfumery, Cosmetic, etc	\$1,578,438	\$903,328	\$595,313	\$2,161,009	\$6,002,180	177.7%
39	Plastics & Articles Thereof	\$2,406,215	\$2,968,911	\$4,674,560	\$3,861,690	\$5,466,222	41.5%
40	Rubber & Articles Thereof	\$5,372,525	\$8,495,392	\$6,279,543	\$3,895,281	\$5,084,025	30.5%
29	Organic Chemicals	\$3,323,180	\$3,559,830	\$3,392,904	\$1,663,969	\$4,153,296	149.6%
31	Fertilizers	\$2,835,096	\$2,674,028	\$3,648,330	\$1,883,245	\$3,192,141	69.5%
82	Tools/Cutlry Base Metals	\$1,051,008	\$1,882,462	\$1,197,225	\$1,291,956	\$1,552,397	20.2%
83	Misc. Articles Base Metal	\$661,926	\$380,617	\$807,529	\$1,479,713	\$1,364,133	-7.8%
81	Other Base Metals, etc	\$1,106,288	\$643,537	\$256,300	\$1,343,892	\$1,284,558	-4.4%
75	Nickel & Articles Thereof	\$2,015,074	\$1,560,562	\$1,110,222	\$1,107,792	\$1,105,534	-0.2%
98	Special Other	\$1,975,908	\$7,562,528	\$8,996,570	\$5,319,609	\$1,052,530	-80.2%
38	Misc. Chemical Products	\$538,941	\$485,958	\$530,994	\$369,343	\$1,007,431	172.8%

# India

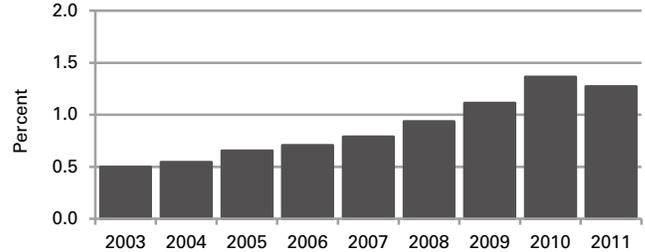
## Ohio Exports



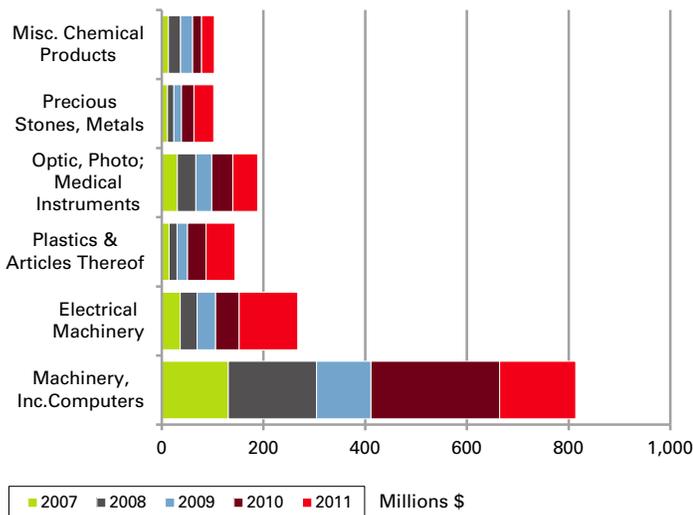
### Export Trends



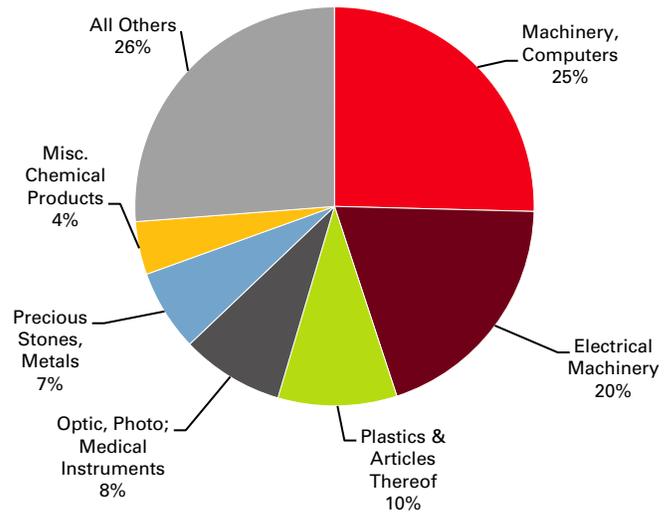
### Share of Ohio Exports



### Total Exports: 2007 to 2011



### Distribution of Exports: 2011



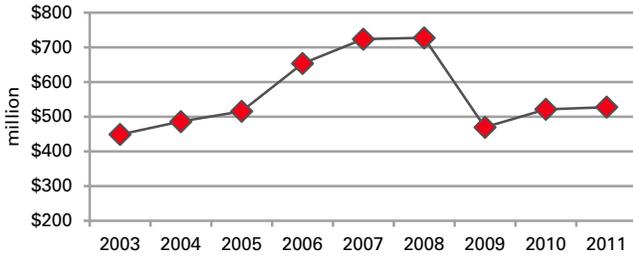
HS Code	Description	2007 Exports	2008 Exports	2009 Exports	2010 Exports	2011 Exports	% Change 10 to 11
<b>Total</b>		<b>\$336,545,076</b>	<b>\$426,953,909</b>	<b>\$380,207,416</b>	<b>\$566,399,930</b>	<b>\$589,997,108</b>	<b>4.2%</b>
84	Machinery, Inc.Computers	\$131,079,979	\$173,279,928	\$107,326,114	\$252,424,863	\$149,888,842	-40.6%
85	Electrical Machinery	\$36,001,487	\$33,702,850	\$35,907,528	\$46,320,549	\$115,267,419	148.8%
39	Plastics & Articles Thereof	\$14,227,329	\$15,707,720	\$20,652,992	\$36,480,322	\$56,868,937	55.9%
90	Optic/Medical Instruments	\$30,596,665	\$36,032,921	\$31,631,440	\$41,135,973	\$49,032,448	19.2%
71	Precious Stones, Metals	\$11,249,060	\$12,784,189	\$14,700,729	\$24,164,145	\$38,936,242	61.1%
38	Misc. Chemical Products	\$13,132,544	\$23,870,271	\$23,908,731	\$17,209,807	\$25,368,663	47.4%
73	Iron/Steel Products	\$10,847,141	\$13,919,286	\$9,814,192	\$14,795,938	\$19,002,556	28.4%
87	Vehicles, Not Railway	\$5,204,935	\$6,546,318	\$2,455,361	\$5,995,851	\$14,149,468	136.0%
72	Iron & Steel	\$16,181,358	\$10,625,209	\$10,006,641	\$13,282,360	\$12,880,571	-3.0%
47	Wood Pulp, etc	\$4,776,247	\$3,344,553	\$7,340,793	\$8,382,359	\$10,015,695	19.5%
40	Rubber & Articles Thereof	\$4,155,583	\$5,588,673	\$3,794,550	\$6,494,233	\$9,708,860	49.5%
32	Tanning,Dye,Paint,Putty	\$3,461,246	\$5,042,195	\$3,632,926	\$8,709,606	\$8,850,881	1.6%
74	Copper & Articles Thereof	\$6,123,582	\$5,871,069	\$3,154,914	\$6,267,030	\$7,981,531	27.4%
82	Tools/Cutlry Base Metals	\$2,893,199	\$2,070,306	\$2,218,159	\$3,768,038	\$6,148,604	63.2%
29	Organic Chemicals	\$2,551,084	\$3,446,777	\$2,675,299	\$4,984,780	\$6,030,848	21.0%
88	Aircraft; Spacecraft & Parts	\$10,642,747	\$29,297,740	\$46,838,972	\$29,417,645	\$5,863,332	-80.1%
70	Glass & Glassware	\$2,414,830	\$1,635,150	\$1,480,412	\$8,285,025	\$4,909,613	-40.7%
35	Albumins; Starch; Glue	\$777,326	\$1,053,849	\$2,416,600	\$2,786,503	\$4,707,087	68.9%
34	Soap, Waxes, etc	\$2,144,556	\$2,575,457	\$2,183,086	\$3,897,636	\$4,674,792	19.9%
76	Aluminum & Art. Thereof	\$1,702,372	\$3,249,474	\$1,662,612	\$4,027,683	\$4,502,689	11.8%

# Belgium

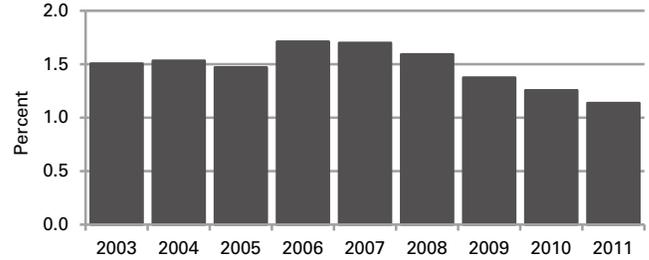
## Ohio Exports



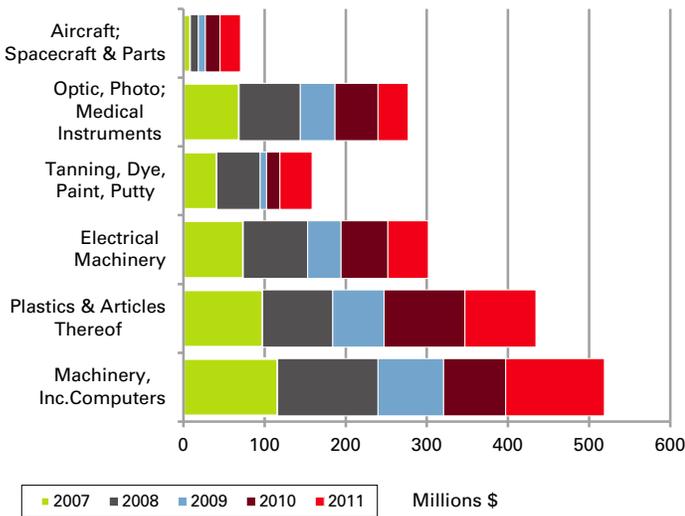
### Export Trends



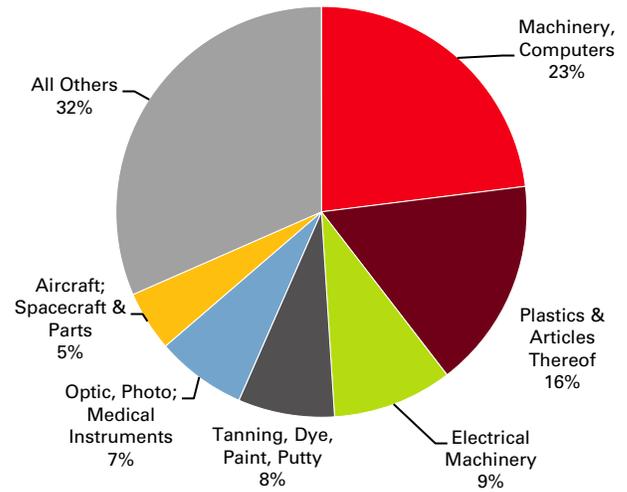
### Share of Ohio Exports



### Total Exports: 2007 to 2011



### Distribution of Exports: 2011



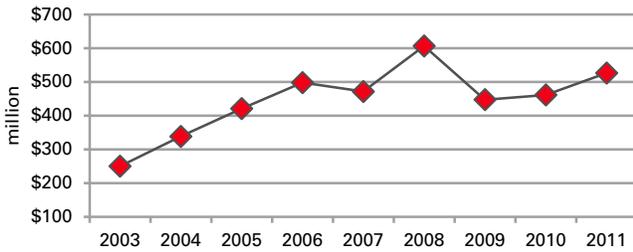
HS Code	Description	2007 Exports	2008 Exports	2009 Exports	2010 Exports	2011 Exports	% Change 10 to 11
<b>Total</b>		<b>\$723,538,832</b>	<b>\$727,161,117</b>	<b>\$469,406,327</b>	<b>\$521,537,462</b>	<b>\$527,788,151</b>	<b>1.2%</b>
84	Machinery, Inc. Computers	\$116,004,545	\$123,951,868	\$80,722,693	\$76,507,351	\$121,455,353	58.7%
39	Plastics & Articles Thereof	\$97,765,619	\$86,168,988	\$63,299,890	\$99,702,326	\$87,352,649	-12.4%
85	Electrical Machinery	\$73,713,479	\$79,238,298	\$41,147,313	\$57,952,406	\$49,767,212	-14.1%
32	Tanning, Dye, Paint, Putty	\$41,350,237	\$53,123,889	\$7,877,565	\$16,397,357	\$39,991,895	143.9%
90	Optic/Medical Instruments	\$68,673,410	\$75,416,497	\$42,805,520	\$52,788,460	\$37,552,732	-28.9%
88	Aircraft; Spacecraft & Parts	\$8,437,390	\$9,997,755	\$8,629,946	\$18,181,486	\$24,990,690	37.5%
87	Vehicles, Not Railway	\$9,687,251	\$13,657,929	\$8,890,926	\$20,530,866	\$24,054,071	17.2%
29	Organic Chemicals	\$29,734,293	\$21,812,604	\$12,136,658	\$21,812,142	\$18,514,275	-15.1%
38	Misc. Chemical Products	\$17,616,355	\$21,718,499	\$12,552,995	\$14,409,732	\$15,096,984	4.8%
82	Tools/Cutlry Base Metals	\$11,829,095	\$12,485,678	\$9,695,401	\$10,640,184	\$11,331,682	6.5%
30	Pharmaceutical Products	\$96,884,583	\$105,057,285	\$115,236,755	\$61,346,529	\$10,325,260	-83.2%
12	Misc. Grain, Seed, Fruit	\$0	\$0	\$6,515,596	\$0	\$9,959,431	n.a.
40	Rubber & Articles Thereof	\$18,179,610	\$16,332,510	\$4,911,996	\$5,136,638	\$6,281,471	22.3%
72	Iron & Steel	\$50,230,378	\$13,865,758	\$3,552,762	\$3,017,056	\$5,900,303	95.6%
73	Iron/Steel Products	\$3,924,319	\$5,398,734	\$3,824,130	\$5,615,536	\$5,513,503	-1.8%
33	Perfumery, Cosmetic, etc	\$207,653	\$1,225,891	\$2,327,632	\$1,163,078	\$4,329,526	272.2%
70	Glass & Glassware	\$17,664,692	\$16,438,071	\$3,875,050	\$3,037,815	\$4,312,432	42.0%
35	Albumins; Starch; Glue	\$187,035	\$941,655	\$1,196,396	\$681,365	\$3,974,733	483.3%
76	Aluminum & Art. Thereof	\$3,706,565	\$3,241,539	\$1,069,781	\$1,920,437	\$3,671,460	91.2%
74	Copper & Articles Thereof	\$9,062,836	\$6,700,250	\$4,159,584	\$5,002,907	\$3,644,865	-27.1%

# Singapore

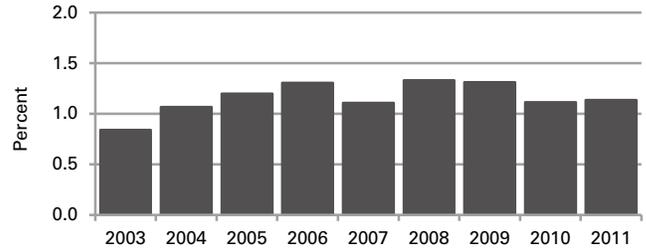
## Ohio Exports



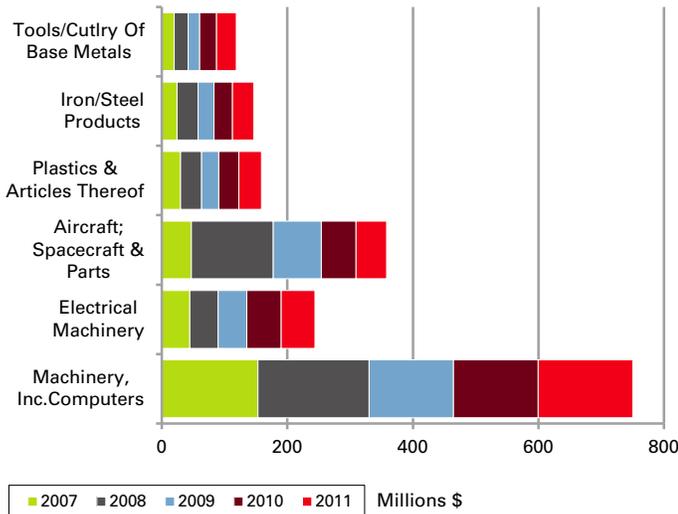
### Export Trends



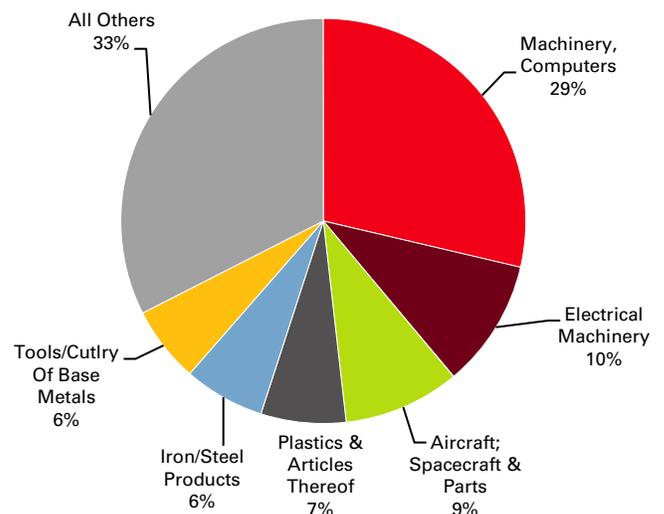
### Share of Ohio Exports



### Total Exports: 2007 to 2011

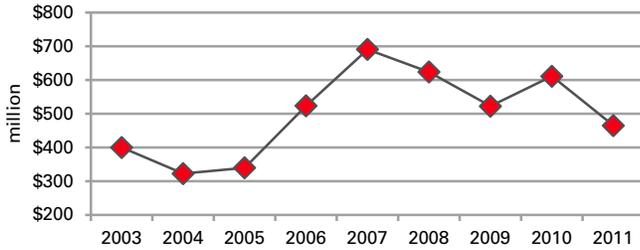


### Distribution of Exports: 2011

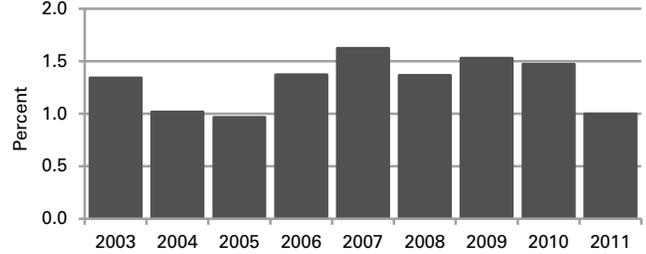


HS Code	Description	2007 Exports	2008 Exports	2009 Exports	2010 Exports	2011 Exports	% Change 10 to 11
<b>Total</b>		<b>\$471,569,289</b>	<b>\$606,733,043</b>	<b>\$447,722,998</b>	<b>\$461,672,638</b>	<b>\$526,541,053</b>	<b>14.1%</b>
84	Machinery, Inc.Computers	\$153,318,479	\$176,977,288	\$134,451,420	\$134,667,996	\$150,968,251	12.1%
85	Electrical Machinery	\$44,395,032	\$45,313,064	\$45,609,197	\$54,804,946	\$53,891,757	-1.7%
88	Aircraft; Spacecraft & Parts	\$47,098,339	\$130,564,696	\$76,603,925	\$55,071,900	\$48,907,060	-11.2%
39	Plastics & Articles Thereof	\$29,630,109	\$33,862,787	\$27,307,565	\$31,976,858	\$35,756,091	11.8%
73	Iron/Steel Products	\$24,452,598	\$33,534,361	\$24,956,361	\$29,408,328	\$33,987,543	15.6%
82	Tools/Cutlry Base Metals	\$19,798,280	\$22,442,333	\$17,853,501	\$26,923,907	\$31,860,673	18.3%
90	Optic/Medical Instruments	\$24,331,621	\$31,550,969	\$29,595,064	\$26,099,665	\$30,376,155	16.4%
49	Book & Newspaper, etc	\$7,450,530	\$9,951,150	\$6,500,502	\$5,542,446	\$20,055,150	261.8%
75	Nickel & Articles Thereof	\$8,491,051	\$12,885,803	\$11,682,517	\$11,400,618	\$15,287,545	34.1%
38	Misc. Chemical Products	\$45,982,595	\$25,308,826	\$9,874,480	\$11,551,582	\$14,449,241	25.1%
83	Misc. Articles Base Metal	\$8,746,346	\$18,245,549	\$10,415,262	\$14,493,978	\$13,091,313	-9.7%
33	Perfumery, Cosmetic, etc	\$1,621,335	\$1,462,054	\$1,443,484	\$4,169,556	\$11,034,265	164.6%
98	Special Other	\$5,645,141	\$6,714,154	\$4,797,196	\$5,197,743	\$10,336,848	98.9%
74	Copper & Articles Thereof	\$3,029,634	\$3,376,772	\$2,147,875	\$2,953,026	\$6,365,482	115.6%
32	Tanning, Dye, Paint, Putty	\$2,737,885	\$2,790,398	\$2,213,480	\$2,382,118	\$4,517,378	89.6%
29	Organic Chemicals	\$1,535,698	\$1,004,612	\$2,361,294	\$2,443,043	\$4,147,702	69.8%
40	Rubber & Articles Thereof	\$8,779,248	\$5,112,587	\$3,666,972	\$3,273,991	\$3,700,040	13.0%
37	Photo./ Cinema. Goods	\$489,341	\$212,125	\$1,218,779	\$1,931,333	\$3,578,678	85.3%
94	Furniture & Bedding	\$1,528,621	\$1,655,407	\$896,094	\$1,958,017	\$3,378,172	72.5%
34	Soap, Waxes, etc	\$1,533,601	\$1,904,344	\$2,653,616	\$4,214,279	\$3,355,774	-20.4%

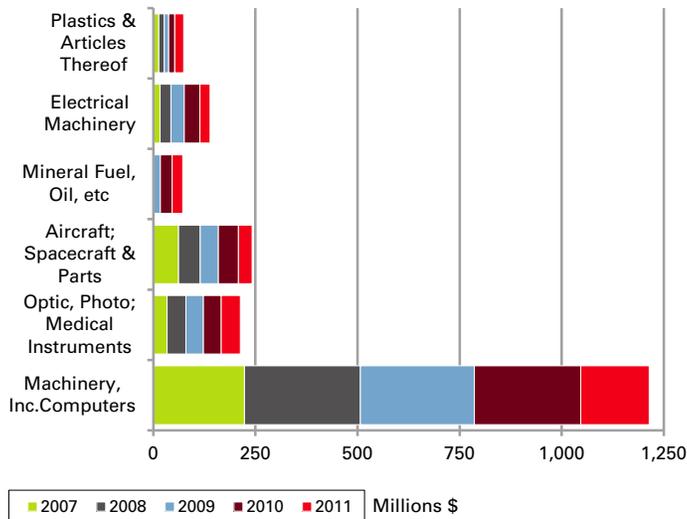
### Export Trends



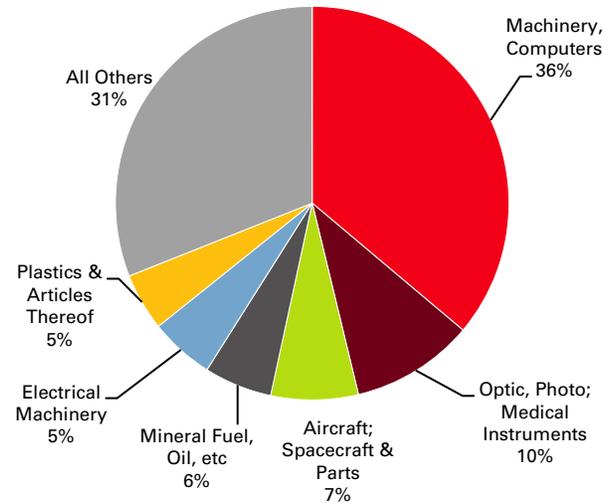
### Share of Ohio Exports



### Total Exports: 2007 to 2011



### Distribution of Exports: 2011



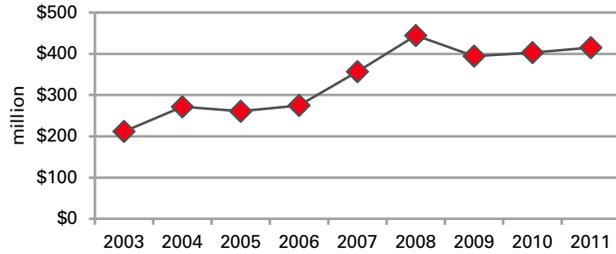
HS Code	Description	2007 Exports	2008 Exports	2009 Exports	2010 Exports	2011 Exports	% Change 10 to 11
<b>Total</b>		<b>\$690,862,448</b>	<b>\$623,964,794</b>	<b>\$522,321,975</b>	<b>\$611,020,835</b>	<b>\$464,844,182</b>	<b>-23.9%</b>
84	Machinery, Inc.Computers	\$223,452,427	\$283,123,159	\$279,701,106	\$260,096,788	\$167,974,623	-35.4%
90	Optic/Medical Instruments	\$33,671,041	\$46,344,515	\$42,876,849	\$43,376,427	\$46,902,026	8.1%
88	Aircraft; Spacecraft & Parts	\$61,937,584	\$52,994,615	\$44,601,159	\$49,030,514	\$33,321,022	-32.0%
27	Mineral Fuel, Oil, etc	\$870,818	\$804,054	\$15,738,771	\$28,517,474	\$25,907,455	-9.2%
85	Electrical Machinery	\$16,517,479	\$26,454,799	\$32,836,082	\$38,360,342	\$24,556,649	-36.0%
39	Plastics & Articles Thereof	\$13,400,942	\$13,334,836	\$11,124,488	\$14,377,106	\$21,942,933	52.6%
87	Vehicles, Not Railway	\$199,933,560	\$7,804,638	\$3,471,737	\$49,783,196	\$21,427,888	-57.0%
72	Iron & Steel	\$21,905,907	\$66,979,817	\$3,878,429	\$17,121,139	\$17,285,379	1.0%
44	Wood & Articles of Wood	\$24,841,707	\$19,445,176	\$11,705,766	\$14,936,524	\$14,892,309	-0.3%
38	Misc. Chemical Products	\$18,875,000	\$18,613,589	\$16,141,338	\$15,886,015	\$10,920,516	-31.3%
73	Iron/Steel Products	\$6,364,334	\$7,452,327	\$3,946,617	\$5,917,065	\$10,765,361	81.9%
81	Other Base Metals, etc	\$1,836,614	\$4,840,492	\$1,821,293	\$2,745,724	\$8,233,181	199.9%
30	Pharmaceutical Products	\$693,117	\$8,101,526	\$6,474,185	\$15,422,915	\$8,156,654	-47.1%
32	Tanning, Dye, Paint, Putty	\$4,511,601	\$3,160,466	\$2,537,720	\$4,827,256	\$5,125,729	6.2%
68	Stone,Plaster,Cement,etc	\$3,947,298	\$6,809,677	\$4,451,299	\$5,991,908	\$4,851,599	-19.0%
29	Organic Chemicals	\$9,887,764	\$6,310,233	\$4,546,604	\$4,010,780	\$4,840,850	20.7%
40	Rubber & Articles Thereof	\$4,598,544	\$6,049,309	\$3,826,166	\$2,867,660	\$4,134,987	44.2%
70	Glass & Glassware	\$10,217,234	\$7,189,926	\$904,131	\$6,079,825	\$3,992,594	-34.3%
82	Tools/Cutlry Base Metals	\$3,308,430	\$3,613,300	\$1,961,295	\$3,046,078	\$3,677,591	20.7%
35	Albumins; Starch; Glue	\$1,896,650	\$3,866,208	\$1,436,094	\$1,468,537	\$2,658,421	81.0%

# Hong Kong

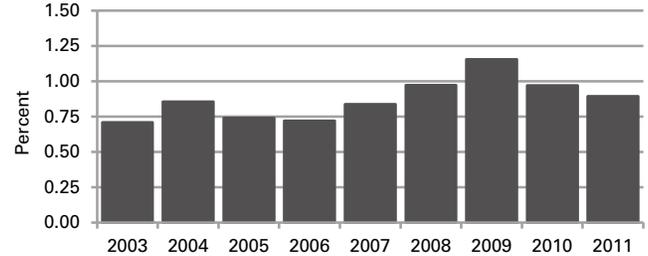
## Ohio Exports



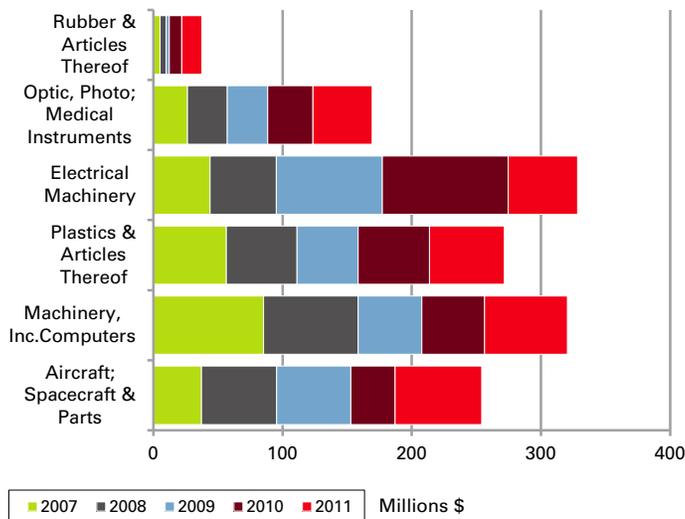
### Export Trends



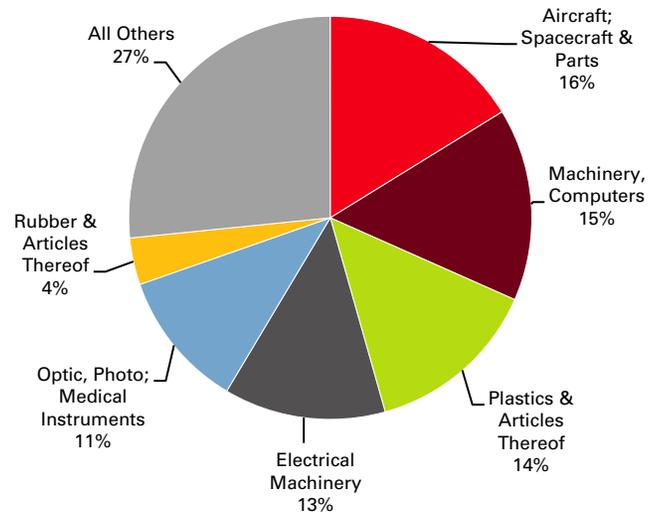
### Share of Ohio Exports



### Total Exports: 2007 to 2011

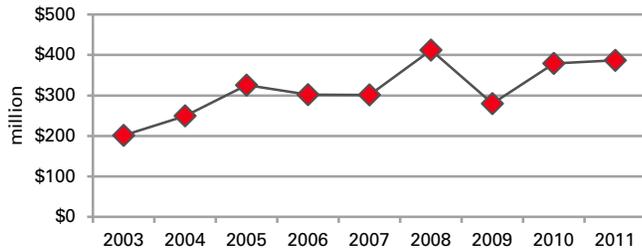


### Distribution of Exports: 2011

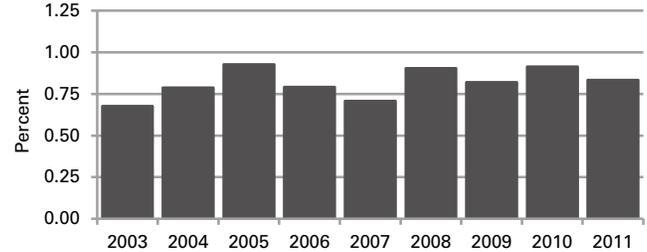


HS Code	Description	2007 Exports	2008 Exports	2009 Exports	2010 Exports	2011 Exports	% Change 10 to 11
<b>Total</b>		<b>\$356,658,059</b>	<b>\$444,275,426</b>	<b>\$394,405,191</b>	<b>\$402,818,740</b>	<b>\$414,981,158</b>	<b>3.0%</b>
88	Aircraft; Spacecraft & Parts	\$37,182,569	\$58,257,531	\$57,417,186	\$34,165,686	\$67,190,924	96.7%
84	Machinery, Inc. Computers	\$85,214,446	\$73,377,810	\$49,184,750	\$48,583,725	\$64,161,708	32.1%
39	Plastics & Articles Thereof	\$56,464,967	\$54,790,514	\$47,214,999	\$55,278,185	\$57,927,521	4.8%
85	Electrical Machinery	\$44,028,780	\$51,143,070	\$81,994,887	\$97,428,540	\$53,786,965	-44.8%
90	Optic/Medical Instruments	\$26,523,078	\$30,690,488	\$31,212,475	\$34,967,292	\$45,918,335	31.3%
40	Rubber & Articles Thereof	\$5,102,264	\$4,889,329	\$2,309,022	\$9,580,515	\$15,656,117	63.4%
74	Copper & Articles Thereof	\$6,135,691	\$4,576,273	\$16,767,897	\$22,778,892	\$11,104,014	-51.3%
76	Aluminum & Art. Thereof	\$4,907,817	\$77,891,347	\$20,499,639	\$4,171,705	\$9,028,057	116.4%
71	Precious Stones, Metals	\$13,909,879	\$7,393,650	\$11,504,123	\$8,422,762	\$8,570,557	1.8%
61	Knit Apparel	\$1,624,600	\$1,554,603	\$1,580,571	\$4,339,466	\$7,028,905	62.0%
68	Stone, Plaster, Cement, etc	\$689,587	\$4,250,836	\$3,785,043	\$7,025,159	\$6,802,502	-3.2%
72	Iron & Steel	\$2,646,382	\$2,723,469	\$2,796,948	\$4,113,373	\$5,724,176	39.2%
32	Tanning, Dye, Paint, Putty	\$2,656,611	\$2,279,306	\$2,642,003	\$4,680,082	\$4,923,451	5.2%
29	Organic Chemicals	\$391,097	\$1,099,053	\$1,107,638	\$1,340,651	\$4,788,389	257.2%
38	Misc. Chemical Products	\$6,248,959	\$7,955,777	\$4,841,103	\$5,887,387	\$4,023,714	-31.7%
59	Impreg. Textile Fabrics	\$4,024,932	\$5,000,099	\$2,080,144	\$5,956,702	\$3,779,201	-36.6%
44	Wood & Articles of Wood	\$12,774,013	\$10,511,994	\$8,175,146	\$9,848,919	\$3,705,898	-62.4%
87	Vehicles, Not Railway	\$1,303,553	\$1,685,118	\$3,216,988	\$3,124,601	\$3,376,487	8.1%
73	Iron/Steel Products	\$3,516,889	\$3,599,251	\$2,875,901	\$3,188,259	\$3,034,650	-4.8%
28	Inorganic Chemicals	\$1,187,529	\$539,268	\$773,491	\$1,692,354	\$2,938,814	73.7%

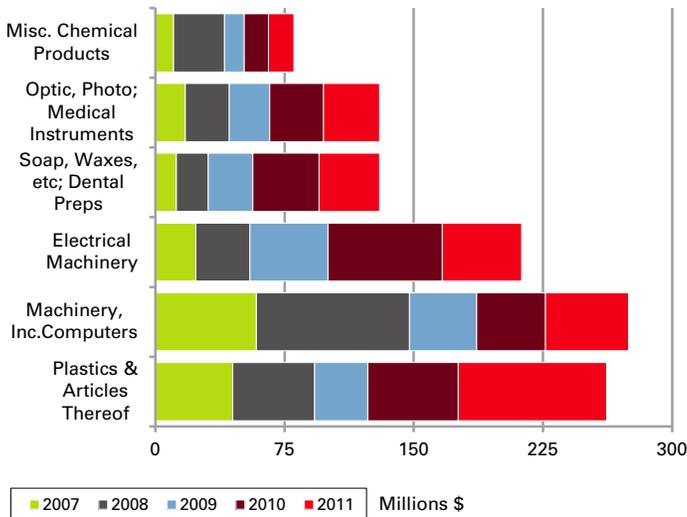
### Export Trends



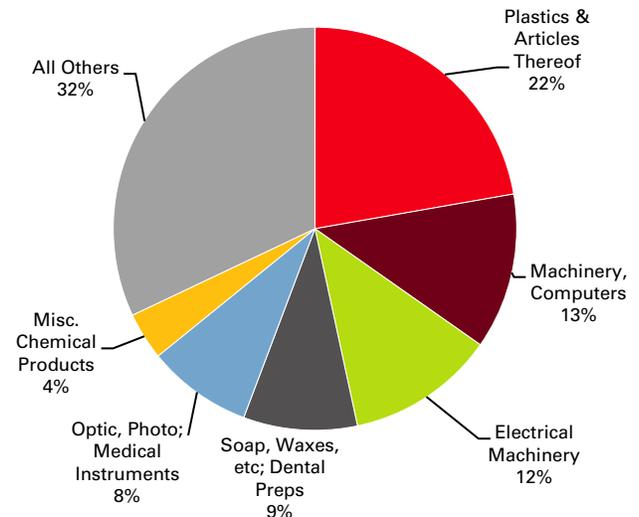
### Share of Ohio Exports



### Total Exports: 2007 to 2011



### Distribution of Exports: 2011



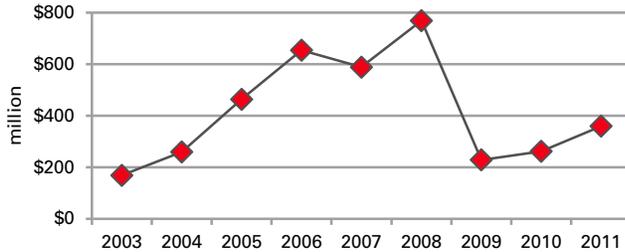
HS Code	Description	2007 Exports	2008 Exports	2009 Exports	2010 Exports	2011 Exports	% Change 10 to 11
<b>Total</b>		<b>\$301,448,920</b>	<b>\$412,129,481</b>	<b>\$279,898,142</b>	<b>\$379,171,956</b>	<b>\$386,725,442</b>	<b>2.0%</b>
39	Plastics & Articles Thereof	\$44,891,615	\$47,545,179	\$30,856,714	\$52,604,084	\$86,019,472	63.5%
84	Machinery, Inc. Computers	\$58,586,482	\$88,941,263	\$38,974,924	\$39,880,960	\$48,332,688	21.2%
85	Electrical Machinery	\$23,567,408	\$31,424,585	\$45,283,575	\$66,341,894	\$45,983,237	-30.7%
34	Soap, Waxes, etc	\$12,144,983	\$18,539,400	\$25,913,127	\$38,381,719	\$35,247,087	-8.2%
90	Optic/Medical Instruments	\$17,417,162	\$25,492,356	\$23,554,968	\$31,234,726	\$32,490,990	4.0%
38	Misc. Chemical Products	\$10,651,965	\$29,478,212	\$11,528,045	\$13,979,781	\$14,735,397	5.4%
70	Glass & Glassware	\$9,653,688	\$8,156,992	\$4,187,035	\$13,855,625	\$13,494,749	-2.6%
12	Misc. Grain, Seed, Fruit	\$30,193,232	\$32,620,980	\$3,798,434	\$3,374,690	\$9,982,250	195.8%
28	Inorganic Chemicals	\$2,767,575	\$3,396,548	\$3,875,925	\$8,800,156	\$8,549,617	-2.8%
29	Organic Chemicals	\$5,660,913	\$7,914,434	\$4,603,391	\$6,930,053	\$8,330,104	20.2%
32	Tanning, Dye, Paint, Putty	\$3,879,276	\$5,029,188	\$4,934,024	\$5,825,884	\$6,364,231	9.2%
73	Iron/Steel Products	\$4,888,018	\$5,333,007	\$3,401,195	\$5,352,588	\$5,922,032	10.6%
88	Aircraft; Spacecraft & Parts	\$18,261,903	\$35,232,991	\$18,840,270	\$23,328,089	\$5,717,523	-75.5%
23	Food Waste; Animal Feed	\$2,018,522	\$3,108,016	\$3,231,919	\$3,480,952	\$5,569,184	60.0%
75	Nickel & Articles Thereof	\$759,490	\$1,108,124	\$1,426,393	\$2,015,060	\$4,819,299	139.2%
68	Stone, Plaster, Cement, etc	\$954,942	\$943,317	\$3,208,519	\$2,991,747	\$4,345,076	45.2%
81	Other Base Metals, etc	\$2,701,311	\$5,633,077	\$6,328,903	\$10,442,636	\$4,058,083	-61.1%
40	Rubber & Articles Thereof	\$5,840,160	\$6,436,331	\$1,681,885	\$3,206,510	\$4,030,486	25.7%
07	Edible Vegetables	\$0	\$0	\$0	\$0	\$3,983,111	n.a.
33	Perfumery, Cosmetic, etc	\$1,678,698	\$1,267,930	\$1,420,758	\$1,909,131	\$3,613,702	89.3%

# Saudi Arabia

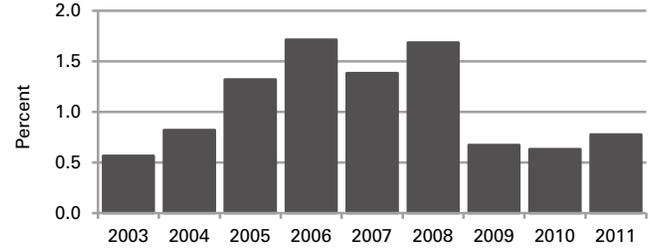
## Ohio Exports



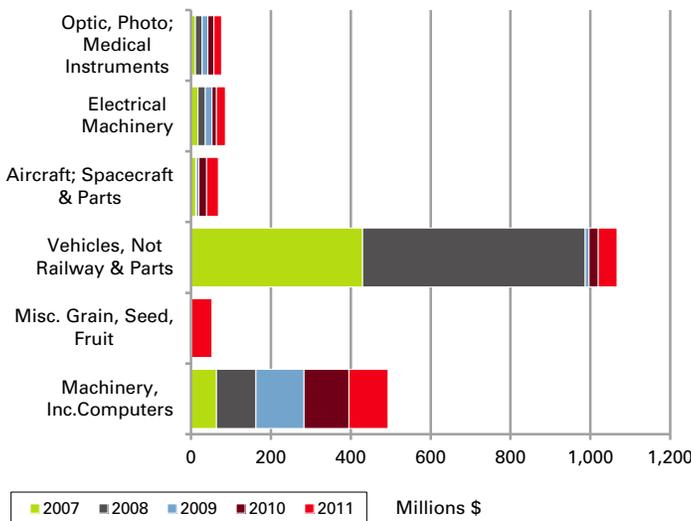
### Export Trends



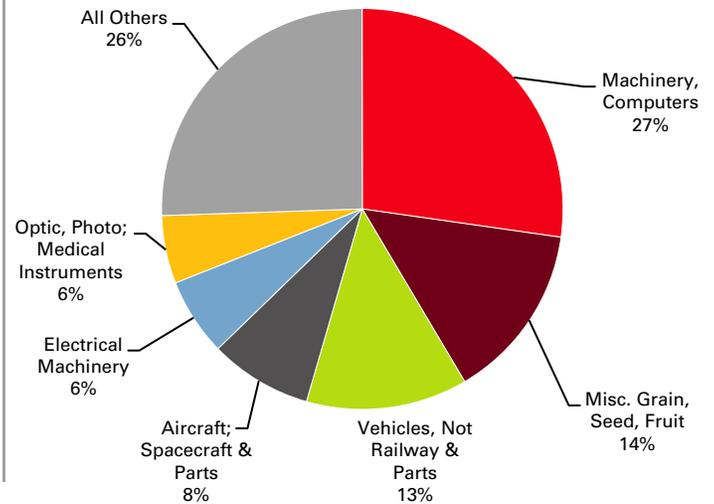
### Share of Ohio Exports



### Total Exports: 2007 to 2011



### Distribution of Exports: 2011



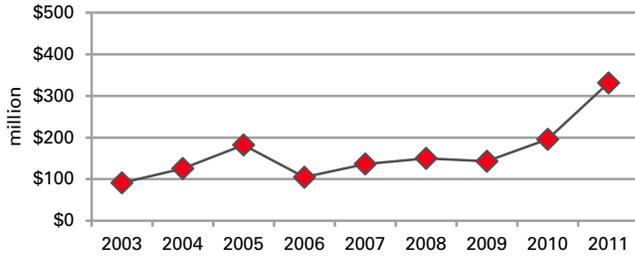
HS Code	Description	2007 Exports	2008 Exports	2009 Exports	2010 Exports	2011 Exports	% Change 10 to 11
<b>Total</b>		<b>\$588,405,268</b>	<b>\$768,808,140</b>	<b>\$229,190,014</b>	<b>\$262,180,942</b>	<b>\$359,869,060</b>	<b>37.3%</b>
84	Machinery, Inc. Computers	\$63,706,375	\$99,033,237	\$119,732,458	\$112,463,177	\$98,100,552	-12.8%
12	Misc. Grain, Seed, Fruit	\$93,538	\$553,490	\$30,742	\$319,325	\$51,208,649	15936.5%
87	Vehicles, Not Railway	\$429,610,095	\$557,276,345	\$9,748,520	\$23,445,781	\$46,763,781	99.5%
88	Aircraft; Spacecraft & Parts	\$11,889,958	\$1,565,803	\$6,300,725	\$18,994,125	\$29,749,070	56.6%
85	Electrical Machinery	\$17,507,941	\$17,914,216	\$16,917,323	\$11,301,297	\$22,471,846	98.8%
90	Optic/Medical Instruments	\$11,019,038	\$16,593,829	\$14,503,027	\$14,618,678	\$19,680,221	34.6%
94	Furniture & Bedding	\$4,635,849	\$4,007,333	\$5,062,979	\$5,964,266	\$10,643,478	78.5%
73	Iron/Steel Products	\$6,174,461	\$5,385,740	\$6,218,638	\$7,411,545	\$7,274,084	-1.9%
83	Misc. Articles Base Metal	\$3,954,719	\$5,930,375	\$3,155,775	\$3,451,612	\$7,083,465	105.2%
70	Glass & Glassware	\$1,116,680	\$3,156,831	\$1,719,559	\$3,031,872	\$6,024,829	98.7%
19	Baking Related Products	\$1,085,008	\$1,343,949	\$3,223,294	\$5,562,676	\$4,775,038	-14.2%
29	Organic Chemicals	\$1,461,066	\$1,149,137	\$4,993,900	\$5,123,869	\$4,445,253	-13.2%
38	Misc. Chemical Products	\$9,088,009	\$3,955,891	\$1,921,128	\$3,114,631	\$4,361,905	40.0%
72	Iron & Steel	\$1,360,218	\$915,550	\$1,783,961	\$1,302,906	\$3,907,436	199.9%
39	Plastics & Articles Thereof	\$1,851,080	\$5,834,054	\$3,516,808	\$5,772,188	\$3,811,768	-34.0%
30	Pharmaceutical Products	\$1,934,696	\$1,513,396	\$1,650,056	\$1,635,167	\$3,393,504	107.5%
40	Rubber & Articles Thereof	\$1,860,459	\$3,207,701	\$2,843,179	\$2,425,617	\$3,074,712	26.8%
22	Beverages, Spirits & Vinegar	\$151,895	\$3,267	\$0	\$0	\$2,866,437	n.a.
34	Soap, Waxes, etc	\$571,023	\$1,747,180	\$2,828,569	\$2,482,690	\$2,807,306	13.1%
68	Stone, Plaster, Cement, etc	\$234,697	\$354,096	\$62,888	\$1,715,985	\$2,561,428	49.3%

# Sweden

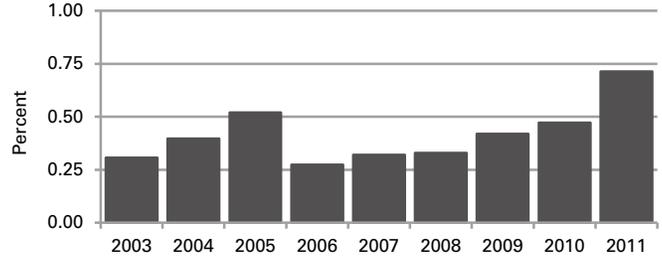
## Ohio Exports

# Ohio

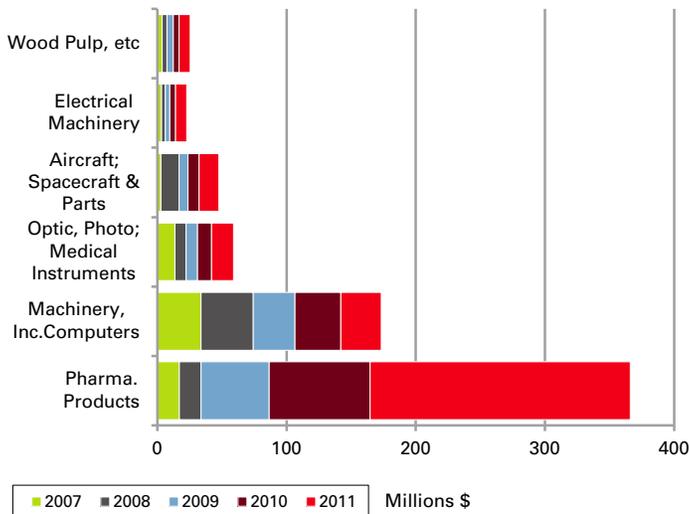
### Export Trends



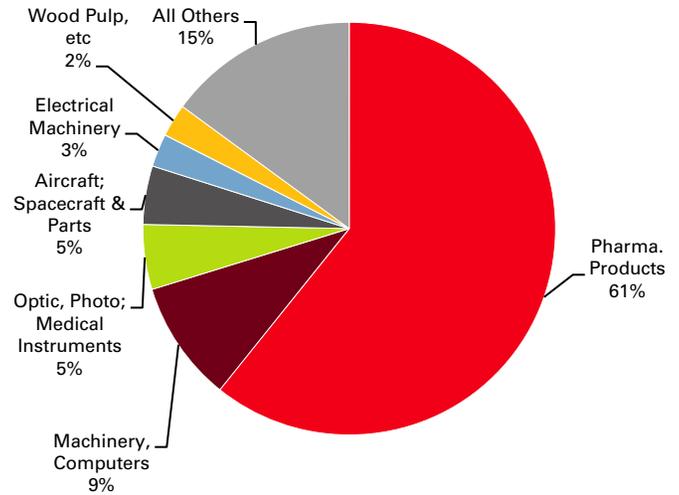
### Share of Ohio Exports



### Total Exports: 2007 to 2011



### Distribution of Exports: 2011



HS Code	Description	2007 Exports	2008 Exports	2009 Exports	2010 Exports	2011 Exports	% Change 10 to 11
<b>Total</b>		<b>\$136,552,797</b>	<b>\$150,097,530</b>	<b>\$143,047,103</b>	<b>\$195,767,618</b>	<b>\$331,322,943</b>	<b>69.2%</b>
30	Pharmaceutical Products	\$16,949,180	\$16,746,509	\$52,888,376	\$78,102,774	\$201,306,434	157.7%
84	Machinery, Inc. Computers	\$33,686,652	\$40,563,561	\$32,251,233	\$35,478,397	\$31,417,620	-11.4%
90	Optic/Medical Instruments	\$13,697,545	\$8,621,843	\$8,758,425	\$10,945,380	\$16,834,471	53.8%
88	Aircraft; Spacecraft & Parts	\$2,874,711	\$13,803,479	\$6,942,263	\$8,734,826	\$15,191,958	73.9%
85	Electrical Machinery	\$3,158,706	\$2,925,342	\$3,572,220	\$4,487,200	\$8,569,723	91.0%
47	Wood Pulp, etc	\$3,802,018	\$3,736,775	\$4,898,585	\$4,407,239	\$8,497,836	92.8%
70	Glass & Glassware	\$7,466,808	\$7,404,655	\$5,497,045	\$10,101,892	\$8,035,431	-20.5%
87	Vehicles, Not Railway	\$7,100,189	\$5,182,434	\$3,769,156	\$9,810,873	\$7,393,889	-24.6%
73	Iron/Steel Products	\$6,579,243	\$6,917,442	\$2,411,277	\$6,994,003	\$7,372,495	5.4%
74	Copper & Articles Thereof	\$6,022,889	\$5,119,564	\$1,451,876	\$5,112,523	\$6,643,926	30.0%
38	Misc. Chemical Products	\$2,092,605	\$621,545	\$424,489	\$869,430	\$2,749,550	216.2%
39	Plastics & Articles Thereof	\$2,755,335	\$2,034,914	\$1,662,533	\$2,038,716	\$2,337,360	14.6%
72	Iron & Steel	\$515,141	\$774,666	\$486,802	\$819,445	\$2,130,351	160.0%
44	Wood & Articles of Wood	\$1,723,311	\$970,604	\$682,247	\$2,158,498	\$2,073,308	-3.9%
40	Rubber & Articles Thereof	\$7,751,868	\$10,323,169	\$4,273,311	\$1,103,661	\$1,376,575	24.7%
33	Perfumery, Cosmetic, etc	\$72,298	\$269,947	\$370,604	\$4,114,346	\$897,697	-78.2%
98	Special Other	\$745,474	\$383,972	\$248,386	\$716,946	\$827,166	15.4%
48	Paper, Paperboard	\$348,972	\$402,344	\$750,643	\$1,387,754	\$780,151	-43.8%
35	Albumins; Starch; Glue	\$858,458	\$590,598	\$638,374	\$712,942	\$744,577	4.4%
26	Ores, Slag, Ash	\$1,599,857	\$1,736,940	\$317,179	\$400,167	\$640,507	60.1%

## Ohio Exports by Country Ranked by 2011 Value



Rank	Country	2009	2010	2011	% Share 2011	% Change 10 to 11
	<b>Total All Countries</b>	<b>\$34,104,484,238</b>	<b>\$41,493,512,722</b>	<b>\$46,407,887,826</b>	<b>100.0%</b>	<b>11.8%</b>
1	Canada	\$14,198,824,521	\$17,221,364,113	\$18,731,481,346	40.4%	8.8%
2	Mexico	\$2,686,551,638	\$3,494,691,311	\$4,048,001,201	8.7%	15.8%
3	China	\$1,886,249,748	\$2,288,521,708	\$2,739,294,031	5.9%	19.7%
4	France	\$824,942,324	\$1,998,244,018	\$2,436,859,599	5.3%	22.0%
5	Brazil	\$1,098,248,009	\$1,431,994,048	\$1,654,891,764	3.6%	15.6%
6	United Kingdom	\$1,142,071,300	\$1,276,296,207	\$1,495,692,762	3.2%	17.2%
7	Japan	\$1,066,420,978	\$1,343,017,593	\$1,475,913,308	3.2%	9.9%
8	Germany	\$967,379,758	\$1,196,779,428	\$1,336,993,939	2.9%	11.7%
9	Australia	\$632,336,813	\$848,492,184	\$924,769,524	2.0%	9.0%
10	Korea, Republic Of	\$473,459,378	\$640,242,280	\$757,896,860	1.6%	18.4%
11	Netherlands	\$566,173,355	\$541,999,439	\$721,761,397	1.6%	33.2%
12	Switzerland	\$234,993,298	\$403,937,202	\$631,801,532	1.4%	56.4%
13	India	\$380,207,416	\$566,399,930	\$589,997,108	1.3%	4.2%
14	Belgium	\$469,406,327	\$521,537,462	\$527,788,151	1.1%	1.2%
15	Singapore	\$447,722,998	\$461,672,638	\$526,541,053	1.1%	14.1%
16	Italy	\$522,321,975	\$611,020,835	\$464,844,182	1.0%	-23.9%
17	Hong Kong	\$394,405,191	\$402,818,740	\$414,981,158	0.9%	3.0%
18	Taiwan	\$279,898,142	\$379,171,956	\$386,725,442	0.8%	2.0%
19	Saudi Arabia	\$229,190,014	\$262,180,942	\$359,869,060	0.8%	37.3%
20	Sweden	\$143,047,103	\$195,767,618	\$331,322,943	0.7%	69.2%
21	United Arab Emirates	\$215,147,639	\$304,410,857	\$327,497,222	0.7%	7.6%
22	Thailand	\$228,242,272	\$251,721,442	\$289,384,524	0.6%	15.0%
23	Republic Of South Africa	\$132,605,803	\$239,460,045	\$250,243,413	0.5%	4.5%
24	Israel	\$353,554,859	\$226,764,893	\$239,257,249	0.5%	5.5%
25	Spain	\$163,616,634	\$208,472,807	\$236,113,922	0.5%	13.3%
26	Chile	\$112,239,855	\$161,559,719	\$235,493,081	0.5%	45.8%
27	Turkey	\$197,803,037	\$359,291,262	\$234,698,456	0.5%	-34.7%
28	Venezuela	\$149,292,197	\$190,151,424	\$217,035,420	0.5%	14.1%
29	Russia	\$77,916,220	\$81,246,509	\$200,449,343	0.4%	146.7%
30	Ireland	\$156,889,062	\$150,047,623	\$186,538,276	0.4%	24.3%
31	Malaysia	\$155,299,918	\$158,308,621	\$181,485,448	0.4%	14.6%
32	Indonesia	\$84,167,393	\$139,424,943	\$176,337,980	0.4%	26.5%
33	Argentina	\$95,276,760	\$135,961,640	\$161,786,250	0.3%	19.0%
34	Hungary	\$85,945,436	\$95,157,233	\$155,419,542	0.3%	63.3%
35	Colombia	\$105,897,482	\$121,283,655	\$148,136,045	0.3%	22.1%
36	Poland	\$143,150,611	\$100,965,966	\$137,354,007	0.3%	36.0%
37	Philippines	\$70,067,431	\$90,675,834	\$122,190,160	0.3%	34.8%
38	Egypt	\$46,205,845	\$291,678,679	\$120,534,555	0.3%	-58.7%
39	New Zealand	\$61,294,827	\$103,863,619	\$102,083,691	0.2%	-1.7%
40	Norway	\$65,170,238	\$72,375,623	\$88,803,324	0.2%	22.7%
41	Luxembourg	\$15,404,049	\$20,612,048	\$88,311,079	0.2%	328.4%
42	Kuwait	\$39,033,338	\$34,016,888	\$85,405,013	0.2%	151.1%
43	Ecuador	\$71,894,862	\$58,440,971	\$81,089,558	0.2%	38.8%
44	Peru	\$52,422,779	\$68,684,469	\$78,230,794	0.2%	13.9%
45	Guatemala	\$66,504,709	\$64,991,662	\$78,022,153	0.2%	20.0%
46	Vietnam	\$57,335,460	\$61,576,807	\$77,146,263	0.2%	25.3%
47	Austria	\$60,565,972	\$75,212,387	\$71,347,057	0.2%	-5.1%
48	Costa Rica	\$52,923,714	\$54,446,508	\$64,772,702	0.1%	19.0%
49	Morocco	\$19,844,752	\$41,641,126	\$63,062,326	0.1%	51.4%
50	Finland	\$40,868,935	\$39,651,575	\$61,836,457	0.1%	55.9%

**Ohio Exports by Country:  
Ranked by 2011 Value (continued)**



Rank	Country	2009	2010	2011	% Share 2011	% Change 10 to 11
51	Portugal	\$29,339,155	\$71,713,495	\$59,616,456	0.1%	-16.9%
52	Qatar	\$87,177,704	\$100,069,514	\$55,919,401	0.1%	-44.1%
53	Dominican Republic	\$38,522,565	\$70,626,659	\$48,763,409	0.1%	-31.0%
54	Czech Republic	\$38,442,148	\$44,594,754	\$47,171,762	0.1%	5.8%
55	Panama	\$43,763,475	\$46,999,262	\$46,752,785	0.1%	-0.5%
56	Azerbaijan	\$2,189,245	\$10,111,996	\$45,622,756	0.1%	351.2%
57	Denmark	\$56,459,629	\$51,381,111	\$45,387,928	0.1%	-11.7%
58	Pakistan	\$28,196,389	\$24,086,070	\$44,662,689	0.1%	85.4%
59	Honduras	\$32,014,421	\$43,032,212	\$40,513,547	0.1%	-5.9%
60	Nigeria	\$43,637,158	\$33,143,035	\$38,826,892	0.1%	17.1%
61	El Salvador	\$22,848,106	\$25,878,004	\$38,091,700	0.1%	47.2%
62	Jamaica	\$34,355,765	\$28,647,285	\$32,568,977	0.1%	13.7%
63	Trinidad And Tobago	\$19,509,505	\$24,579,587	\$29,664,565	0.1%	20.7%
64	Oman	\$15,860,330	\$16,787,173	\$27,099,800	0.1%	61.4%
65	Iraq	\$66,084,475	\$64,577,021	\$25,130,082	0.1%	-61.1%
66	Algeria	\$53,266,567	\$47,247,707	\$24,288,073	0.1%	-48.6%
67	Jordan	\$17,959,411	\$25,547,859	\$22,929,670	0.0%	-10.2%
68	Romania	\$14,576,893	\$15,701,059	\$21,704,893	0.0%	38.2%
69	Lebanon	\$17,152,359	\$20,155,688	\$20,942,581	0.0%	3.9%
70	Belarus	\$17,714,103	\$33,093,661	\$19,965,281	0.0%	-39.7%
71	Nicaragua	\$17,361,650	\$29,489,218	\$18,932,319	0.0%	-35.8%
72	Bahrain	\$10,419,842	\$14,997,176	\$17,922,072	0.0%	19.5%
73	Latvia	\$2,650,397	\$2,105,258	\$15,212,315	0.0%	622.6%
74	Uruguay	\$12,989,202	\$25,480,900	\$15,069,981	0.0%	-40.9%
75	Haiti	\$13,780,824	\$12,228,987	\$14,917,692	0.0%	22.0%
76	Ethiopia (New)	\$2,776,088	\$34,071,597	\$14,344,599	0.0%	-57.9%
77	Kazakhstan	\$3,806,140	\$17,082,860	\$13,880,543	0.0%	-18.7%
78	Ghana	\$6,574,401	\$8,540,423	\$13,867,845	0.0%	62.4%
79	Slovakia	\$14,846,191	\$10,511,606	\$12,947,954	0.0%	23.2%
80	Ukraine	\$27,006,066	\$11,181,175	\$12,894,438	0.0%	15.3%
81	Bolivia	\$2,357,034	\$4,732,219	\$12,421,286	0.0%	162.5%
82	Afghanistan	\$12,983,866	\$30,721,907	\$11,593,931	0.0%	-62.3%
83	Georgia	\$10,755,084	\$2,408,162	\$11,589,673	0.0%	381.3%
84	Greece	\$1,125,054,073	\$19,169,661	\$11,301,571	0.0%	-41.0%
85	Iceland	\$4,586,814	\$4,805,087	\$10,840,200	0.0%	125.6%
86	Uzbekistan	\$2,139,888	\$13,605,977	\$10,799,303	0.0%	-20.6%
87	Bahamas	\$7,710,409	\$8,309,700	\$10,026,986	0.0%	20.7%
88	Estonia	\$2,921,395	\$4,067,733	\$8,581,662	0.0%	111.0%
89	Mozambique	\$450,128	\$2,219,202	\$8,463,028	0.0%	281.4%
90	Paraguay	\$1,431,893	\$4,940,438	\$8,297,539	0.0%	68.0%
91	Kenya	\$5,114,779	\$5,898,620	\$7,599,577	0.0%	28.8%
92	Slovenia	\$7,906,100	\$6,426,850	\$7,159,677	0.0%	11.4%
93	Lithuania	\$4,146,296	\$4,709,159	\$6,352,362	0.0%	34.9%
94	Sri Lanka	\$4,740,727	\$4,209,078	\$6,172,135	0.0%	46.6%
95	Bangladesh	\$4,058,814	\$3,936,226	\$6,034,935	0.0%	53.3%
96	New Caledonia	\$761,508	\$6,824,406	\$5,864,530	0.0%	-14.1%
97	Guyana	\$5,873,462	\$9,854,883	\$5,413,921	0.0%	-45.1%
98	Bermuda	\$7,142,979	\$5,894,236	\$5,151,254	0.0%	-12.6%
99	Barbados	\$5,822,364	\$5,089,262	\$5,044,246	0.0%	-0.9%
100	Tunisia	\$3,109,551	\$1,964,189	\$4,913,109	0.0%	150.1%
101	Macao	\$7,699,921	\$4,947,310	\$4,186,389	0.0%	-15.4%
102	Senegal	\$1,307,747	\$1,796,499	\$4,150,294	0.0%	131.0%

**Ohio Exports by Country:  
Ranked by 2011 Value (continued)**



<b>Rank</b>	<b>Country</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>% Share 2011</b>	<b>% Change 10 to 11</b>
103	Iran	\$2,745,045	\$5,422,953	\$4,043,304	0.0%	-25.4%
104	Benin	\$2,487,041	\$3,119,466	\$4,031,154	0.0%	29.2%
105	Bulgaria	\$3,891,228	\$2,787,957	\$3,960,633	0.0%	42.1%
106	Mongolia	\$1,401,742	\$1,525,311	\$3,754,209	0.0%	146.1%
107	Angola	\$2,429,831	\$2,762,191	\$3,711,224	0.0%	34.4%
108	Cayman Islands	\$3,960,376	\$4,701,264	\$3,477,065	0.0%	-26.0%
109	Zambia	\$441,339	\$1,871,400	\$3,235,540	0.0%	72.9%
110	Serbia	\$1,388,120	\$3,426,504	\$3,146,645	0.0%	-8.2%
111	Croatia	\$4,282,411	\$2,419,406	\$2,865,664	0.0%	18.4%
112	Dominica	\$321,189	\$3,852,788	\$2,623,360	0.0%	-31.9%
113	Republic Of Yemen	\$4,026,275	\$3,033,644	\$2,578,287	0.0%	-15.0%
114	Belize	\$1,401,838	\$2,724,189	\$2,488,965	0.0%	-8.6%
115	St. Lucia	\$1,190,730	\$1,962,529	\$2,292,385	0.0%	16.8%
116	Cyprus	\$1,878,423	\$1,925,421	\$2,123,160	0.0%	10.3%
117	Papua New Guinea	\$1,931,170	\$600,851	\$1,870,392	0.0%	211.3%
118	Reunion	\$34,444	\$246,626	\$1,868,867	0.0%	657.8%
119	Brunei	\$1,582,952	\$2,291,932	\$1,841,676	0.0%	-19.6%
120	Suriname	\$919,033	\$1,101,126	\$1,720,778	0.0%	56.3%
121	Liberia	\$758,326	\$826,694	\$1,649,065	0.0%	99.5%
122	Aruba	\$2,776,932	\$1,678,442	\$1,641,749	0.0%	-2.2%
123	Mauritania	\$320,702	\$605,272	\$1,556,417	0.0%	157.1%
124	Burma (Myanmar)	\$111,075	\$0	\$1,547,955	0.0%	n.a.
125	Congo (Kinshasa)	\$490,176	\$2,148,736	\$1,457,430	0.0%	-32.2%
126	Gabon	\$572,285	\$833,361	\$1,439,584	0.0%	72.7%
127	Netherlands Antilles	\$2,632,361	\$3,105,767	\$1,424,678	0.0%	-54.1%
128	Madagascar	\$3,136,730	\$8,948,301	\$1,405,982	0.0%	-84.3%
129	Curacao	\$0	\$0	\$1,344,646	0.0%	n.a.
130	Macedonia	\$2,102,848	\$298,892	\$1,335,936	0.0%	347.0%
131	Tanzania	\$995,437	\$5,335,562	\$1,287,077	0.0%	-75.9%
132	Grenada	\$980,821	\$2,551,650	\$1,280,281	0.0%	-49.8%
133	Moldova	\$585,216	\$412,651	\$1,244,516	0.0%	201.6%
134	Cameroon	\$614,865	\$940,977	\$1,183,339	0.0%	25.8%
135	Turkmenistan	\$13,978,179	\$955,086	\$1,181,749	0.0%	23.7%
136	Liechtenstein	\$851,199	\$139,167	\$1,179,832	0.0%	747.8%
137	French Polynesia	\$841,835	\$2,369,661	\$1,178,833	0.0%	-50.3%
138	Sint Maarten	\$0	\$0	\$1,176,474	0.0%	n.a.
139	Sierra Leone	\$345,001	\$1,207,957	\$1,157,485	0.0%	-4.2%
140	Swaziland	\$567,312	\$906,014	\$1,121,012	0.0%	23.7%
141	Guinea	\$438,760	\$812,927	\$1,041,511	0.0%	28.1%
142	Zimbabwe	\$497,058	\$589,110	\$1,004,492	0.0%	70.5%
143	Malta And Gozo	\$1,547,270	\$1,202,777	\$984,887	0.0%	-18.1%
144	Syria	\$13,184,525	\$758,122	\$940,155	0.0%	24.0%
145	Ivory Coast	\$1,016,733	\$1,140,254	\$918,521	0.0%	-19.4%
146	Kyrgyzstan	\$666,503	\$588,193	\$916,774	0.0%	55.9%
147	Cambodia	\$1,607,825	\$405,588	\$882,704	0.0%	117.6%
148	Mali	\$369,200	\$318,003	\$784,528	0.0%	146.7%
149	Montenegro	\$460,936	\$11,516	\$760,023	0.0%	6499.7%
150	Burkina	\$431,443	\$249,526	\$720,438	0.0%	188.7%
151	Libya	\$7,617,504	\$4,519,272	\$719,262	0.0%	-84.1%
152	French Guiana	\$498,581	\$52,572	\$697,212	0.0%	1226.2%
153	Namibia	\$1,233,223	\$443,413	\$690,566	0.0%	55.7%

**Ohio Exports by Country:  
Ranked by 2011 Value (continued)**



Rank	Country	2009	2010	2011	% Share 2011	% Change 10 to 11
154	Guadeloupe	\$162,478	\$142,363	\$659,204	0.0%	363.0%
155	Armenia	\$183,929	\$469,665	\$638,638	0.0%	36.0%
156	St. Vincent	\$502,257	\$683,865	\$604,118	0.0%	-11.7%
157	Antigua	\$1,581,227	\$849,004	\$597,075	0.0%	-29.7%
158	Togo	\$554,343	\$723,430	\$590,929	0.0%	-18.3%
159	British Virgin Islands	\$1,264,060	\$905,388	\$552,850	0.0%	-38.9%
160	Sudan	\$36,000	\$2,299,369	\$535,837	0.0%	-76.7%
161	Mauritius	\$1,089,150	\$687,257	\$533,102	0.0%	-22.4%
162	Uganda	\$1,317,882	\$2,700,595	\$505,200	0.0%	-81.3%
163	Congo (Brazzaville)	\$125,188	\$614,066	\$502,931	0.0%	-18.1%
164	Equatorial Guinea	\$135,111	\$257,567	\$481,594	0.0%	87.0%
165	Djibouti	\$941,943	\$733,971	\$471,571	0.0%	-35.8%
166	Fiji	\$271,230	\$379,142	\$443,946	0.0%	17.1%
167	Martinique	\$121,749	\$451,690	\$442,966	0.0%	-1.9%
168	Rwanda	\$208,834	\$160,310	\$430,024	0.0%	168.2%
169	Nepal	\$418,105	\$600,190	\$423,088	0.0%	-29.5%
170	Maldiv Islands	\$96,659	\$122,106	\$401,281	0.0%	228.6%
171	Turks And Caicos Islands	\$437,685	\$433,111	\$354,206	0.0%	-18.2%
172	Malawi	\$133,639	\$210,584	\$344,228	0.0%	63.5%
173	Niger	\$296,132	\$572,874	\$319,873	0.0%	-44.2%
174	Albania	\$1,696,421	\$251,909	\$284,658	0.0%	13.0%
175	Solomon Islands	\$6,476	\$35,000	\$268,257	0.0%	666.4%
176	Anguilla	\$135,554	\$108,591	\$266,717	0.0%	145.6%
177	East Timor	\$26,493	\$29,219	\$266,287	0.0%	811.3%
178	The Gambia	\$240,092	\$134,831	\$257,279	0.0%	90.8%
179	Chad	\$237,854	\$244,974	\$230,893	0.0%	-5.7%
180	Botswana	\$292,232	\$731,349	\$221,169	0.0%	-69.8%
181	St.Christopher-Nevis	\$311,524	\$218,410	\$214,410	0.0%	-1.8%
182	Fedrated States Of Micronesia	\$22,693	\$122,489	\$204,369	0.0%	66.8%
183	Cape Verde	\$400,621	\$44,236	\$170,181	0.0%	284.7%
184	Seychelles	\$95,350	\$257,140	\$160,242	0.0%	-37.7%
185	Andorra	\$50,231	\$469,131	\$159,594	0.0%	-66.0%
186	Greenland	\$3,395	\$88,542	\$154,450	0.0%	74.4%
187	Monaco	\$379,926	\$34,561	\$125,547	0.0%	263.3%
188	Sao Tome And Principe	\$0	\$0	\$111,441	0.0%	n.a.
189	Mayotte	\$0	\$4,571	\$91,480	0.0%	1901.3%
190	San Marino	\$10,000	\$34,164	\$89,408	0.0%	161.7%
191	Bosnia-Hercegovina	\$148,535	\$92,487	\$88,818	0.0%	-4.0%
192	Central African Republic	\$109,443	\$19,985	\$85,939	0.0%	330.0%
193	Tajikistan	\$1,764,176	\$712,630	\$81,303	0.0%	-88.6%
194	Vanuatu	\$31,868	\$81,122	\$73,993	0.0%	-8.8%
195	Tokelau Islands	\$71,428	\$205,117	\$70,762	0.0%	-65.5%
196	Lesotho	\$12,000	\$6,894	\$66,691	0.0%	867.4%
197	Palau	\$397,087	\$290,248	\$59,066	0.0%	-79.6%
198	Vatican City	\$12,229	\$885,339	\$58,382	0.0%	-93.4%
199	Cook Islands	\$2,724	\$7,037	\$56,643	0.0%	704.9%
200	Burundi	\$4,235	\$77,971	\$56,435	0.0%	-27.6%
201	Eritrea	\$22,643	\$63,878	\$49,002	0.0%	-23.3%
202	Laos	\$1,365,265	\$416,957	\$43,517	0.0%	-89.6%
203	Gaza Strip Admin By Israel	\$0	\$68,057	\$41,966	0.0%	-38.3%
204	Marshall Islands	\$229,649	\$4,169	\$35,728	0.0%	757.0%

**Ohio Exports by Country:  
Ranked by 2011 Value (continued)**



<b>Rank</b>	<b>Country</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>% Share 2011</b>	<b>% Change 10 to 11</b>
205	Guinea-Bissau	\$17,533	\$0	\$27,712	0.0%	n.a.
206	Western Samoa	\$141,920	\$14,481	\$18,621	0.0%	28.6%
207	St. Helena	\$128,280	\$3,172	\$17,196	0.0%	442.1%
208	Somalia	\$9,994	\$0	\$15,471	0.0%	n.a.
209	South Sudan	\$0	\$0	\$14,665	0.0%	n.a.
210	Montserrat	\$8,397	\$10,489	\$14,568	0.0%	38.9%
211	Faroe Island	\$3,270	\$6,730	\$14,524	0.0%	115.8%
212	Gibraltar	\$27,319	\$79,590	\$10,669	0.0%	-86.6%
213	Norfolk Island	\$0	\$0	\$9,800	0.0%	n.a.
214	Kosovo	\$0	\$45,165	\$7,110	0.0%	-84.3%
215	Nauru	\$9,200	\$0	\$7,100	0.0%	n.a.
216	Falkland Islands	\$0	\$0	\$2,600	0.0%	n.a.
217	Cocos Islands	\$0	\$55,543	\$0	0.0%	-100.0%
218	Bhutan	\$49,182	\$46,173	\$0	0.0%	-100.0%
219	British Indian Ocean Terr.	\$0	\$44,284	\$0	0.0%	-100.0%
220	Kiribati	\$0	\$7,618	\$0	0.0%	-100.0%
221	Christmas Island	\$43,770	\$4,264	\$0	0.0%	-100.0%
222	Tonga	\$17,638	\$2,729	\$0	0.0%	-100.0%
223	Cuba	\$313,132	\$0	\$0	0.0%	n.a.
224	Comoros	\$25,544	\$0	\$0	0.0%	n.a.
225	Pitcairn Island	\$3,540	\$0	\$0	0.0%	n.a.
	Unidentified Countries	\$147,396,315	\$174,884,265	\$129,199,798	0.3%	-26.1%

## Ohio Exports by Product Ranked by 2011 Value



HS Code	Description	2009	2010	2011	% Share 2011	% Change 10 to 11
<b>00</b>	<b>Total all commodities</b>	<b>\$34,104,484,238</b>	<b>\$41,493,512,722</b>	<b>\$46,407,887,826</b>	<b>100.0%</b>	<b>11.8%</b>
84	Machinery, Inc.Computers	\$6,791,788,842	\$8,186,393,659	\$8,526,694,146	18.4%	4.2%
87	Vehicles, Not Railway & Parts	\$4,589,193,316	\$6,434,901,228	\$7,000,581,829	15.1%	8.8%
88	Aircraft; Spacecraft & Parts	\$3,883,096,577	\$4,283,040,063	\$5,243,521,253	11.3%	22.4%
85	Electrical Machinery	\$2,411,040,196	\$2,854,927,600	\$2,925,837,789	6.3%	2.5%
39	Plastics & Articles Thereof	\$1,654,002,941	\$2,164,622,082	\$2,369,182,282	5.1%	9.5%
90	Optic, Photo; Medical Instruments	\$1,522,597,229	\$1,706,336,626	\$1,919,117,150	4.1%	12.5%
73	Iron/Steel Products	\$955,725,288	\$1,217,283,985	\$1,450,314,284	3.1%	19.1%
72	Iron & Steel	\$823,155,205	\$1,141,663,574	\$1,254,432,854	2.7%	9.9%
40	Rubber & Articles Thereof	\$747,960,562	\$913,449,427	\$1,235,389,817	2.7%	35.2%
30	Pharmaceutical Products	\$544,267,536	\$640,246,252	\$1,018,630,128	2.2%	59.1%
34	Soap, Waxes, etc; Dental Preps	\$774,522,678	\$873,618,394	\$889,957,898	1.9%	1.9%
38	Misc. Chemical Products	\$700,913,567	\$753,072,133	\$857,220,868	1.8%	13.8%
48	Paper, Paperboard	\$711,301,217	\$794,891,529	\$802,943,679	1.7%	1.0%
32	Tanning, Dye, Paint, Putty	\$496,817,068	\$653,383,229	\$780,398,593	1.7%	19.4%
33	Perfumery, Cosmetic, etc	\$600,103,433	\$688,266,108	\$740,885,855	1.6%	7.6%
76	Aluminum & Articles Thereof	\$462,954,668	\$563,819,389	\$656,817,869	1.4%	16.5%
29	Organic Chemicals	\$358,075,418	\$519,577,326	\$636,874,792	1.4%	22.6%
12	Misc. Grain, Seed, Fruit	\$312,354,957	\$351,244,625	\$542,229,485	1.2%	54.4%
27	Mineral Fuel, Oil, etc	\$508,328,882	\$540,987,879	\$515,971,377	1.1%	-4.6%
70	Glass & Glassware	\$351,137,754	\$535,835,359	\$502,775,556	1.1%	-6.2%
82	Tools/Cutlry Of Base Metals	\$321,309,360	\$410,457,479	\$487,444,502	1.1%	18.8%
74	Copper & Articles Thereof	\$264,937,277	\$390,875,872	\$478,862,148	1.0%	22.5%
83	Misc. Articles Of Base Metal	\$326,347,324	\$393,023,576	\$445,753,347	1.0%	13.4%
94	Furniture & Bedding	\$341,998,184	\$397,878,694	\$388,614,123	0.8%	-2.3%
98	Special Other	\$354,963,393	\$373,987,268	\$388,519,251	0.8%	3.9%
28	Inorg. Chem.;Rare Earth Metals	\$162,344,482	\$229,244,717	\$298,778,111	0.6%	30.3%
71	Precious Stones, Metals	\$139,721,765	\$250,479,642	\$277,624,195	0.6%	10.8%
68	Stone, Plaster, Cement, etc	\$181,669,819	\$238,736,845	\$259,076,783	0.6%	8.5%
44	Wood & Articles of Wood	\$187,134,782	\$242,485,290	\$252,452,741	0.5%	4.1%
81	Other Base Metals, etc	\$213,476,539	\$210,766,524	\$251,646,640	0.5%	19.4%
19	Baking Related Products	\$192,680,503	\$205,562,195	\$223,064,285	0.5%	8.5%
23	Food Waste; Animal Feed	\$170,839,016	\$170,992,436	\$163,022,617	0.4%	-4.7%
35	Albumins; Modified Starch; Glue	\$104,134,460	\$130,441,983	\$140,316,872	0.3%	7.6%
95	Toys & Sports Equipment	\$121,121,495	\$117,101,800	\$137,192,027	0.3%	17.2%
49	Book & Newspaper; Manuscript	\$108,110,609	\$123,162,731	\$130,161,569	0.3%	5.7%
26	Ores, Slag, Ash	\$23,451,784	\$43,462,015	\$123,523,332	0.3%	184.2%
75	Nickel & Articles Thereof	\$63,086,998	\$79,612,074	\$116,747,134	0.3%	46.6%
20	Preperations of Vege.,Fruit,Nuts	\$88,685,112	\$112,389,453	\$113,844,111	0.2%	1.3%
21	Misc. Edible Preperations	\$94,223,066	\$97,886,160	\$107,464,052	0.2%	9.8%
47	Wood Pulp, etc	\$53,673,447	\$67,845,660	\$100,824,922	0.2%	48.6%
69	Ceramic Products	\$72,918,434	\$88,349,541	\$100,064,940	0.2%	13.3%
16	Prepared Meat, Fish, etc	\$53,166,702	\$77,393,528	\$98,778,380	0.2%	27.6%
31	Fertilizers	\$67,643,976	\$76,921,358	\$94,468,689	0.2%	22.8%
86	Railway;Traffic Signal Equip.	\$33,543,731	\$54,965,136	\$85,275,866	0.2%	55.1%
61	Knit Apparel	\$39,921,594	\$51,932,976	\$78,169,902	0.2%	50.5%
02	Meat	\$44,211,795	\$49,152,172	\$76,057,222	0.2%	54.7%
25	Salt; Sulfur; Earth, Stone	\$56,558,461	\$65,575,358	\$73,795,683	0.2%	12.5%
56	Wadding, Felt, Twine, Rope	\$54,796,057	\$58,570,780	\$66,342,383	0.1%	13.3%
22	Beverages, Spirits & Vinegar	\$35,468,764	\$50,853,216	\$63,099,771	0.1%	24.1%

**Ohio Exports by Product:  
Ranked by 2011 Value (continued)**



HS Code	Description	2009	2010	2011	% Share 2011	% Change 10 to 11
15	Animal/Vegetable Fats & Oils	\$49,586,334	\$43,656,477	\$61,687,857	0.1%	41.3%
62	Woven Apparel	\$24,928,203	\$30,412,464	\$54,443,188	0.1%	79.0%
93	Arms & Ammunition	\$306,825,370	\$86,523,385	\$54,086,360	0.1%	-37.5%
01	Live Animals	\$5,543,188	\$6,851,931	\$51,404,113	0.1%	650.2%
05	Other Products Of Animal Origin	\$33,087,615	\$44,109,138	\$49,473,348	0.1%	12.2%
04	Dairy, Eggs, Honey, etc	\$24,531,787	\$47,471,552	\$45,535,831	0.1%	-4.1%
96	Misc. Manufactured Articles	\$45,344,993	\$50,810,653	\$44,959,259	0.1%	-11.5%
59	Impregnated Textile Fabrics	\$36,781,537	\$56,305,029	\$44,431,087	0.1%	-21.1%
10	Cereals	\$60,889,562	\$36,279,182	\$43,188,574	0.1%	19.0%
07	Edible Vegetables	\$37,729,356	\$38,405,627	\$41,689,174	0.1%	8.5%
17	Sugars/Sugar Confectionary	\$20,280,155	\$26,876,991	\$40,293,265	0.1%	49.9%
64	Footwear	\$17,780,856	\$33,442,674	\$38,697,569	0.1%	15.7%
55	Manmade Staple Fibers	\$25,608,192	\$29,095,506	\$38,391,079	0.1%	31.9%
63	Misc. Textile Articles	\$22,512,353	\$28,767,228	\$34,182,505	0.1%	18.8%
37	Photo./ Cinematographic Goods	\$27,148,108	\$27,742,291	\$32,684,351	0.1%	17.8%
42	Leather Articles; Saddlry; Bags	\$14,889,177	\$22,034,233	\$24,042,825	0.1%	9.1%
36	Explosives; Pyrotechnics	\$9,422,073	\$13,474,952	\$23,889,896	0.1%	77.3%
80	Tin & Articles Thereof	\$3,689,022	\$16,599,400	\$20,690,855	0.0%	24.6%
52	Cotton & Yarn, Fabric	\$7,827,968	\$18,294,659	\$17,641,962	0.0%	-3.6%
89	Ships & Boats	\$23,601,554	\$24,091,730	\$15,499,016	0.0%	-35.7%
08	Edible Fruit & Nuts	\$19,202,189	\$23,341,681	\$15,227,708	0.0%	-34.8%
41	Hides & Skins	\$6,923,062	\$8,981,787	\$12,977,754	0.0%	44.5%
97	Art & Antiques	\$7,231,566	\$5,511,675	\$11,449,063	0.0%	107.7%
09	Coffee, Tea & Spices	\$19,971,830	\$9,880,053	\$11,104,089	0.0%	12.4%
92	Musical Instruments & Parts	\$10,028,275	\$11,262,717	\$10,559,624	0.0%	-6.2%
57	Textile Floor Coverings	\$15,616,888	\$9,431,061	\$9,472,141	0.0%	0.4%
78	Lead & Articles Thereof	\$5,319,613	\$5,655,304	\$8,426,240	0.0%	49.0%
79	Zinc & Articles Thereof	\$9,687,655	\$13,543,993	\$7,742,252	0.0%	-42.8%
18	Cocoa/Cocoa Preparations	\$7,460,169	\$7,125,955	\$7,136,116	0.0%	0.1%
06	Live Trees & Plants	\$2,569,363	\$3,665,966	\$7,069,128	0.0%	92.8%
65	Headgear	\$4,365,094	\$3,866,788	\$6,421,826	0.0%	66.1%
11	Milling Prod.; Malt, Starch	\$2,345,458	\$5,109,071	\$6,163,973	0.0%	20.6%
13	Lac; Gums, Resins, Vegetable Sap	\$2,036,811	\$3,018,286	\$5,103,387	0.0%	69.1%
91	Clocks/Watches & Parts	\$3,194,457	\$4,240,403	\$4,143,203	0.0%	-2.3%
58	Special Woven Fabric, etc	\$4,630,985	\$4,232,064	\$4,010,257	0.0%	-5.2%
54	Manmade Filament, Fabric	\$3,895,186	\$4,340,588	\$3,039,705	0.0%	-30.0%
03	Fish & Seafood	\$1,968,445	\$2,227,189	\$2,704,021	0.0%	21.4%
67	Artificial Flowers, Feathers	\$1,677,239	\$1,316,602	\$1,636,122	0.0%	24.3%
60	Knit, Crocheted Fabrics	\$4,025,076	\$4,490,600	\$1,277,951	0.0%	-71.5%
51	Animal Hair & Yarn, Fabric	\$390,722	\$845,505	\$1,204,746	0.0%	42.5%
53	Other Vegetable Textile Fiber	\$661,950	\$705,732	\$918,669	0.0%	30.2%
46	Manufactures of Straw, Esparto	\$955,910	\$646,584	\$767,986	0.0%	18.8%
45	Cork & Articles of Cork	\$237,112	\$431,405	\$708,641	0.0%	64.3%
66	Umbrella, Walking Sticks, etc	\$263,879	\$421,499	\$511,721	0.0%	21.4%
14	Other Vegetable Materials	\$107,490	\$141,395	\$315,527	0.0%	123.2%
43	Furskin & Artificial Fur	\$110,708	\$123,353	\$70,834	0.0%	-42.6%
50	Silk; Silk Yarn, Fabric	\$113,480	\$24,734	\$44,206	0.0%	78.7%
24	Tobacco	\$9,960	\$18,684	\$5,720	0.0%	-69.4%

## HS 84: Machinery Exports From Ohio Ranked by 2011 Value



HS Code	Description	2009	2010	2011	% Change 10 to 11
<b>84</b>	<b>Machinery</b>	<b>\$6,791,788,842</b>	<b>\$8,186,393,659</b>	<b>\$8,526,694,146</b>	<b>4.2%</b>
8411	Gas Turbines	\$945,754,276	\$1,171,923,442	\$1,094,516,129	-6.6%
8407	Spark Ignition; Piston Engines	\$768,067,187	\$1,066,019,472	\$976,781,814	-8.4%
8481	Pipe Taps, Cock, Valve	\$290,524,625	\$367,593,961	\$449,312,867	22.2%
8414	Air Related Pumps/Compressors	\$355,343,584	\$396,568,595	\$429,913,612	8.4%
8482	Ball/Roller Bearings	\$260,456,024	\$346,977,267	\$313,808,704	-9.6%
8413	Liquid Pumps/Elevators	\$251,850,807	\$276,584,185	\$308,840,657	11.7%
8421	Centerfuge; Filters	\$286,174,199	\$301,907,219	\$303,187,749	0.4%
8471	Computers & Components	\$160,630,290	\$205,410,872	\$271,145,109	32.0%
8479	Individual Functioning, etc	\$173,708,577	\$195,376,607	\$238,599,323	22.1%
8409	Engine Parts for 8407-8408	\$338,501,797	\$359,153,471	\$238,409,661	-33.6%
8415	Air Conditioning	\$137,989,576	\$192,229,279	\$229,797,014	19.5%
8431	Parts for 8425-8430	\$155,439,604	\$224,694,536	\$223,408,114	-0.6%
8483	Transmission Products	\$135,985,635	\$185,282,681	\$210,420,172	13.6%
8477	Rubber/Plastic-Working, etc	\$157,425,185	\$182,767,385	\$203,580,350	11.4%
8450	Washing Machine, Home	\$166,217,213	\$182,792,497	\$192,357,338	5.2%
8443	Other Printing Machinery	\$169,189,534	\$171,552,785	\$188,567,095	9.9%
8466	Parts for 8456-8465	\$146,951,611	\$187,165,990	\$172,531,534	-7.8%
8419	Temperature Changing	\$143,718,642	\$158,363,770	\$165,844,762	4.7%
8427	Trucks With Lifts	\$78,740,260	\$110,228,966	\$154,278,528	40.0%
8451	Cleaning, Drying, etc	\$135,943,181	\$157,689,142	\$151,104,103	-4.2%
8412	Other Engine; Motors	\$71,009,848	\$115,870,768	\$142,014,250	22.6%
8422	Cleaning Machines	\$123,227,582	\$143,287,323	\$134,954,541	-5.8%
8462	Forging, Bending, Stamping	\$59,654,155	\$59,769,797	\$131,864,954	120.6%
8430	Other Moving Machinery	\$74,343,854	\$91,843,437	\$109,849,273	19.6%
8475	Electrical Tubes Assembling	\$65,757,478	\$85,112,102	\$107,202,789	26.0%
8438	Other Food/Drink	\$79,035,285	\$81,498,220	\$105,213,114	29.1%
8424	Liquid Dispersing/Sand Blaster	\$121,241,185	\$90,380,187	\$103,207,811	14.2%
8408	Compression-Ignition	\$43,002,282	\$83,052,035	\$76,334,045	-8.1%
8474	Sorting, etc - Minerals	\$53,224,404	\$79,965,898	\$76,012,592	-4.9%
8473	Office Machine Parts	\$95,924,906	\$83,693,717	\$73,276,866	-12.4%
8418	Other Compressors, etc	\$65,351,404	\$64,178,099	\$71,625,815	11.6%
8426	Derrick, Cranes, Mobile	\$28,492,350	\$29,832,809	\$68,350,234	129.1%
8428	Other Lifting Machine	\$41,352,952	\$59,282,873	\$66,674,880	12.5%
8433	Harvest; Cleaning	\$82,865,733	\$67,888,181	\$59,149,806	-12.9%
8436	Misc Agricultural & Poultry Equip	\$23,364,772	\$47,299,766	\$56,165,987	18.7%
8467	Hand Tool, Pneumatic, etc	\$24,742,378	\$35,365,206	\$54,855,750	55.1%
8480	Molding Boxes/Bases, etc	\$43,483,611	\$44,834,937	\$48,177,061	7.5%
8457	Metal-Working Machining Centers	\$25,949,168	\$34,785,105	\$34,456,735	-0.9%
8425	Pulley, Hoists, Jacks, etc	\$36,206,753	\$29,832,248	\$33,795,152	13.3%
8439	Pulp & Paper Making, Parts	\$17,423,746	\$26,542,211	\$32,904,544	24.0%
8459	Machine Tool for Drilling, etc	\$22,800,848	\$28,049,352	\$30,999,104	10.5%
8455	Metal Rolling Mills	\$21,483,794	\$29,021,025	\$30,702,354	5.8%
8417	Furnace, Not Electric	\$41,983,809	\$25,199,972	\$30,241,800	20.0%
8441	Forming Pulp & Paper	\$19,138,738	\$23,321,807	\$28,531,065	22.3%
8423	Weighing & Weights	\$17,513,028	\$20,474,031	\$26,198,166	28.0%
8429	Self-Propelled Dozers, Plows	\$13,314,099	\$17,687,341	\$24,927,490	40.9%
8416	Furnace Burner, Stoker	\$16,425,894	\$21,968,945	\$24,485,802	11.5%
8484	Gasket, Similar Joints	\$19,153,726	\$23,053,478	\$20,852,754	-9.5%
8432	Soil-Related Agricultural	\$14,285,334	\$13,642,502	\$19,624,218	43.8%

**HS 84: Machinery Exports From Ohio**  
**Ranked by 2011 Value (continued)**



HS Code	Description	2009	2010	2011	% Change 10 to 11
8460	Honing/Finishing Metal Tool	\$11,841,717	\$9,471,724	\$19,558,451	106.5%
8487	Machinery Parts, Not Electric, nec	\$9,206,920	\$12,080,147	\$15,427,969	27.7%
8463	Metal-Working Machine Tool	\$6,727,551	\$12,043,366	\$13,565,082	12.6%
8486	Semiconductor, Elec. Integrated Circ.	\$10,132,421	\$13,116,772	\$13,211,884	0.7%
8454	Converters, Ladles, Ingot Molds	\$12,592,138	\$15,825,715	\$11,745,187	-25.8%
8472	Other Office Machines	\$10,116,804	\$19,206,078	\$11,734,974	-38.9%
8442	Other Typeset, etc	\$9,262,143	\$17,510,869	\$11,152,174	-36.3%
8402	Other Steam Generating	\$8,673,192	\$3,998,594	\$10,350,149	158.8%
8405	Gas Generator, Parts	\$11,653,917	\$10,077,284	\$7,693,985	-23.7%
8461	Shaping/Slotting/Gear Cut Tools	\$4,978,825	\$2,913,027	\$7,676,259	163.5%
8458	Lathes for Removing Metal	\$5,291,018	\$4,510,877	\$7,157,755	58.7%
8464	Stone-Working Tools	\$3,003,652	\$5,158,751	\$6,528,429	26.6%
8437	Clean Seed, Work Cereal	\$5,062,672	\$3,095,753	\$6,325,131	104.3%
8465	Wood/Bone-Working Tools	\$13,199,154	\$5,377,154	\$6,271,503	16.6%
8456	Material Removal by Laser	\$3,197,833	\$7,923,714	\$5,692,194	-28.2%
8468	Solder, Weld, etc	\$4,657,018	\$10,113,017	\$5,464,803	-46.0%
8404	Auxilliary Plant, Condenser	\$8,495,578	\$5,119,751	\$4,889,616	-4.5%
8440	Bookbinding Machinery	\$3,226,138	\$3,936,279	\$4,218,820	7.2%
8410	Hydraulic Turbine, etc	\$4,365,935	\$3,758,545	\$3,625,787	-3.5%
8406	Steam Turbine, Parts	\$1,968,404	\$4,217,760	\$2,623,797	-37.8%
8448	Auxilliary/Textile Machinery	\$1,267,907	\$1,981,479	\$2,595,323	31.0%
8420	Calender, Cylinders	\$1,582,046	\$2,901,619	\$2,246,484	-22.6%
8447	Knit, Stitch-Bond, Lace	\$1,499,631	\$1,565,177	\$1,451,191	-7.3%
8470	Calculating, Registers	\$3,528,268	\$2,201,759	\$1,098,749	-50.1%
8434	Dairy & Milking	\$1,320,512	\$1,106,343	\$908,274	-17.9%
8401	Nuclear Reactor Related	\$5,294,538	\$2,218,008	\$747,444	-66.3%
8476	Automatic Goods - Vending	\$3,108,845	\$1,561,178	\$737,574	-52.8%
8478	Tobacco Preparation, Parts	\$376,963	\$376,392	\$558,480	48.4%
8452	Sew,(Not Book) Covers, etc	\$3,905,098	\$987,707	\$534,874	-45.8%
8403	Central, Other, Parts	\$777,798	\$241,226	\$446,802	85.2%
8435	Wine/Cider/Fruits Presses	\$312,071	\$2,496,826	\$417,392	-83.3%
8444	Manmade Textile Extruding/Drawing	\$45,189	\$154,156	\$353,478	129.3%
8453	Leather Working & Footwear	\$101,035	\$1,671,478	\$209,913	-87.4%
8449	Nonwovens - Related	\$83,605	\$361,390	\$201,073	-44.4%
8445	Preparing Fiber, Yarn	\$406,965	\$77,142	\$191,587	148.4%
8446	Weaving (Looms)	\$147,000	\$8,012	\$27,972	249.1%
8469	Typewriters, Word Processors	\$13,418	\$13,096	\$0	-100.0%

## HS 87: Vehicle Exports From Ohio Ranked by 2011 Value



HS Code	Description	2009	2010	2011	% Change 10 to 11
<b>87</b>	<b>Vehicles, Not Railway</b>	<b>\$4,589,193,316</b>	<b>\$6,434,901,228</b>	<b>\$7,000,581,829</b>	<b>8.8%</b>
8708	Parts/Accessories 8701-8705	\$2,318,911,876	\$2,804,904,280	\$3,154,156,436	12.5%
8703	Passenger Motor	\$1,572,824,694	\$2,584,617,192	\$2,573,253,794	-0.4%
8701	Tractors, Not in 8709	\$152,112,061	\$256,601,497	\$471,283,871	83.7%
8704	Motor Trucks	\$232,704,928	\$357,717,469	\$417,429,587	16.7%
8716	Trailers; Non-Mechanical	\$97,152,548	\$109,892,578	\$152,186,976	38.5%
8710	Motor Armored War	\$14,023,456	\$178,313,883	\$89,685,139	-49.7%
8711	Motorcycles	\$30,296,713	\$29,802,207	\$25,880,558	-13.2%
8705	Other Special Purpose	\$57,721,947	\$18,566,742	\$23,588,251	27.0%
8707	Motor Vehicle Bodies	\$48,021,626	\$32,803,679	\$20,614,698	-37.2%
8714	Parts/Accessories 8711-8713	\$21,141,583	\$18,880,199	\$16,377,861	-13.3%
8702	Public Transportation >10 Persons	\$4,480,228	\$5,526,118	\$15,111,920	173.5%
8713	Carriages For Disabled Persons	\$5,537,683	\$7,333,795	\$12,446,461	69.7%
8709	Various Work-Related Vehicles	\$21,610,661	\$9,571,080	\$11,697,894	22.2%
8706	Chassis With Engine	\$4,820,381	\$15,154,471	\$10,848,756	-28.4%
8712	Bicycles & Other Cycles	\$5,270,288	\$4,525,430	\$5,315,462	17.5%
8715	Baby Carriages	\$2,562,643	\$690,608	\$704,165	2.0%

## HS 88: Aircraft; Spacecraft Exports From Ohio Ranked by 2011 Value



HS Code	Description	2009	2010	2011	% Change 10 to 11
<b>88</b>	<b>Aircraft, Spacecraft, and Parts Thereof</b>	<b>\$3,883,096,577</b>	<b>\$4,283,040,063</b>	<b>\$5,243,521,253</b>	<b>22.4%</b>
8800	Civilian Aircraft, Engines, And Parts	\$2,688,095,050	\$4,100,329,603	\$5,137,119,709	25.3%
8803	Parts of Aircraft, Spacecraft, Etc	\$69,076,945	\$73,487,783	\$56,618,276	-23.0%
8802	Aircraft, Powered; Spacecraft	\$1,124,265,012	\$108,502,545	\$48,842,434	-55.0%
8805	Aircraft Launch Gear; Deck-Arrest	\$1,570,372	\$671,001	\$657,076	-2.1%
8801	Balloons & Dirigibles; Gliders Etc	\$4,653	\$18,781	\$277,887	1379.6%
8804	Parachutes	\$84,545	\$30,350	\$5,871	-80.7%

## HS 85: Electrical Machinery Exports From Ohio Ranked by 2011 Value



HS Code	Description	2009	2010	2011	% Change 10 to 11
<b>85</b>	<b>Electrical Machinery</b>	<b>\$2,411,040,196</b>	<b>\$2,854,927,600</b>	<b>\$2,925,837,789</b>	<b>2.5%</b>
8541	Semiconduct; Light-Emit Diode	\$177,601,193	\$250,503,819	\$290,344,249	15.9%
8504	ADP Power Supplies	\$131,036,336	\$148,876,180	\$176,931,400	18.8%
8509	Electro-Mechanical Appliances	\$99,417,623	\$151,369,677	\$161,712,249	6.8%
8526	Radar/Radio Navigational Aids	\$144,128,968	\$144,278,151	\$155,933,688	8.1%
8543	Other Electrical Machinery	\$102,994,974	\$127,799,021	\$139,299,456	9.0%
8537	Boards, Panels - Electric Switch	\$75,085,555	\$92,908,955	\$138,252,697	48.8%
8511	Elec Ignition Equip, Generators	\$76,361,064	\$149,655,703	\$136,188,963	-9.0%
8536	Electrical Switching =<1000V	\$302,397,568	\$329,208,865	\$135,694,557	-58.8%
8507	Storage Batteries	\$73,155,720	\$115,001,409	\$130,793,173	13.7%
8544	Insulated Cable, Wire, etc	\$93,243,436	\$103,103,908	\$129,336,392	25.4%
8515	Weld, Brazen, Laser, etc	\$78,666,666	\$106,735,739	\$121,685,797	14.0%
8517	Electric Apparatus - Phone Lines	\$52,441,061	\$62,581,891	\$110,580,344	76.7%
8506	Primary Cell, Battery	\$81,122,863	\$100,931,234	\$96,539,632	-4.4%
8501	Electric Motor & Generators	\$70,572,623	\$65,214,773	\$83,058,040	27.4%
8529	TV/Radio/Radar Apparatus	\$56,902,862	\$71,118,779	\$78,807,928	10.8%
8518	Sound-Generating Equipment	\$61,475,722	\$74,985,662	\$67,536,140	-9.9%
8538	Elec Apparatus Parts 8535-8537	\$53,404,304	\$60,937,276	\$67,142,262	10.2%
8523	Unrecorded Media, No Film	\$71,658,948	\$56,008,753	\$57,265,897	2.2%
8502	Elec Generating Sets/Rotary	\$107,265,693	\$41,379,730	\$53,209,342	28.6%
8531	Sound/Visual Signal Apparatus	\$23,433,447	\$32,912,787	\$51,288,871	55.8%
8512	Lights; Windshield Equipment	\$47,006,949	\$42,942,614	\$50,599,296	17.8%
8503	Electric Motor/Generator Parts	\$46,098,040	\$40,350,866	\$48,816,433	21.0%
8514	Industrial Electric Furnace	\$61,987,829	\$49,832,825	\$48,345,832	-3.0%
8516	Heating Appliances, Home	\$48,128,306	\$56,869,700	\$48,238,039	-15.2%
8508	Electro-Mechanical Hand Tools	\$38,510,143	\$51,257,528	\$48,223,972	-5.9%
8527	Radio Broadcast Receivers	\$7,101,682	\$37,425,825	\$47,284,510	26.3%
8539	Elec Filament/Discharge Lamps	\$37,772,346	\$39,998,756	\$47,257,689	18.1%
8542	Integrated Circuits	\$18,068,683	\$28,998,733	\$30,751,982	6.0%
8505	Magnets, Parts	\$14,763,283	\$20,429,312	\$24,199,978	18.5%
8528	Television Receiver	\$28,739,297	\$32,346,963	\$21,675,864	-33.0%
8525	Transport Apparatus - Radio/TV	\$23,757,560	\$27,480,285	\$18,755,654	-31.7%
8510	Shaver, Hair Clipping/Removal	\$18,408,360	\$27,175,536	\$16,485,507	-39.3%
8533	Elec Resistors, Not Heating	\$7,753,818	\$14,015,244	\$13,935,483	-0.6%
8534	Printed Circuits	\$17,505,802	\$12,110,406	\$13,933,326	15.1%
8535	Electrical Switching >1000V	\$11,042,700	\$7,958,253	\$12,960,306	62.9%
8546	Elec Insulators - All Materials	\$21,263,285	\$22,882,020	\$12,430,017	-45.7%
8548	Battery Waste, Scrap	\$2,024,416	\$6,372,768	\$10,776,170	69.1%
8530	Elec Signal/Traffic Control	\$6,296,824	\$7,948,417	\$8,025,157	1.0%
8513	Portable Electrical Lamps	\$7,318,362	\$7,637,420	\$4,432,849	-42.0%
8532	Electric Capacitors	\$1,762,728	\$2,775,738	\$3,713,051	33.8%
8521	Video Apparatus	\$1,049,343	\$1,281,196	\$3,504,090	173.5%
8545	Carbon Electrodes, etc	\$2,092,061	\$1,798,536	\$3,167,333	76.1%
8540	ThermCold/PhotoCathode Tube	\$2,540,425	\$1,792,225	\$2,426,021	35.4%
8547	Other Insulating Fittings	\$3,550,936	\$26,280,205	\$2,381,786	-90.9%
8519	Turntable, Recorder, Cassette	\$1,839,098	\$1,017,233	\$1,700,139	67.1%
8522	Parts, Accessories 8519-8521	\$2,291,294	\$436,684	\$216,228	-50.5%

## HS 39: Plastics Exports From Ohio Ranked by 2011 Value



HS Code	Description	2009	2010	2011	% Change 10 to 11
<b>39</b>	<b>Plastics</b>	<b>\$1,654,002,941</b>	<b>\$2,164,622,082</b>	<b>\$2,369,182,282</b>	<b>9.5%</b>
3920	Plates, Sheets, Film, Strips (Non-cellular)	\$236,834,948	\$296,347,637	\$327,355,257	10.5%
3923	Boxes, Bags, Closures, etc	\$194,132,804	\$244,407,720	\$260,063,651	6.4%
3907	Polyethers, Exopoxides & Polyesters	\$102,600,069	\$161,143,571	\$207,213,306	28.6%
3919	Self-Adhesive Materials	\$162,324,071	\$181,313,331	\$195,752,399	8.0%
3926	Other Articles	\$99,194,632	\$172,485,437	\$185,478,980	7.5%
3904	Vinyl Chloride, etc	\$133,775,013	\$159,229,730	\$164,225,734	3.1%
3902	Olefins; in primary forms	\$72,957,383	\$114,719,311	\$146,681,947	27.9%
3903	Styrene; in primary forms	\$91,023,169	\$148,771,221	\$143,153,699	-3.8%
3906	Acrylic Polymers	\$69,877,117	\$93,783,313	\$107,782,576	14.9%
3921	Other Plates, Sheets, Film, Strips (Cellular)	\$77,416,542	\$86,771,245	\$106,372,174	22.6%
3909	Amino Resins, Phenolics & Polyurethanes	\$51,748,320	\$86,066,061	\$87,918,344	2.2%
3917	Tubes, Pipes, Hoses & Fittings	\$56,169,895	\$74,952,743	\$80,715,198	7.7%
3901	Ethylene; in primary form	\$31,153,226	\$45,455,965	\$54,388,668	19.7%
3911	Petro Resins, Polysulfides, etc	\$31,683,757	\$64,508,146	\$52,523,782	-18.6%
3915	Waste, Parings, & Scrap	\$33,431,508	\$36,878,773	\$52,186,976	41.5%
3924	Tableware & Other Household Articles, etc	\$37,386,317	\$47,983,399	\$46,786,782	-2.5%
3925	Builders' Ware	\$34,621,909	\$35,990,184	\$32,981,697	-8.4%
3908	Polyamides; in primary forms	\$27,425,476	\$31,659,341	\$31,628,944	-0.1%
3910	Silicone; in primary form	\$17,534,751	\$25,353,953	\$26,758,295	5.5%
3918	Floor & Wall Cover	\$18,214,374	\$19,292,704	\$22,582,731	17.1%
3916	Monofilament, Rods, Sticks, etc	\$17,366,322	\$20,755,783	\$21,012,434	1.2%
3905	Vinyl Acetate & Other Vinyl	\$11,283,207	\$8,547,851	\$8,749,590	2.4%
3922	Baths, Sinks, Lavatory Seats, etc	\$7,971,809	\$4,386,260	\$2,734,052	-37.7%
3912	Cellulose & Other Chemical Derivatives	\$36,027,375	\$1,531,873	\$1,793,454	17.1%
3913	Natural (including modified)	\$1,515,247	\$2,041,082	\$1,498,692	-26.6%
3914	Ion-Exchangers	\$333,700	\$245,448	\$842,920	243.4%

## HS 90: Optic, Photo, Med. Instrument Exports Ranked by 2011 Value



HS Code	Description	2009	2010	2011	% Change 10 to 11
<b>90</b>	<b>Optic, Photo, Medical Instruments</b>	<b>\$1,522,597,229</b>	<b>\$1,706,336,626</b>	<b>\$1,919,117,150</b>	<b>12.5%</b>
9022	X-Ray Apparatus & Accessories	\$344,325,487	\$390,917,552	\$474,227,079	21.3%
9018	Med., Surgical, Dental Instruments, non elec.	\$269,122,161	\$257,853,104	\$281,196,901	9.1%
9030	Oscilloscopes, Spectrum Analyzers, etc	\$118,590,427	\$169,009,749	\$203,635,202	20.5%
9031	Other Machines & Instruments	\$121,077,951	\$153,308,307	\$176,087,584	14.9%
9027	Instruments For Physical Analysis, etc	\$119,445,692	\$149,680,902	\$171,324,524	14.5%
9015	Survey, Hydro., Meteorologic Instruments, etc	\$76,172,290	\$99,060,022	\$108,507,268	9.5%
9032	Automatic Regulating or Control Instruments	\$108,783,641	\$113,078,593	\$104,748,933	-7.4%
9001	Optical Fibers & Other Optics	\$69,951,753	\$66,536,878	\$71,129,649	6.9%
9026	Instru. For Measuring/Checking Flow, etc	\$46,481,105	\$55,225,598	\$65,723,341	19.0%
9024	Machines For Testing Properties Of Metals	\$40,121,334	\$47,297,006	\$43,952,563	-7.1%
9029	Rev. & Production Counters, Taximeters, etc	\$21,148,965	\$19,714,860	\$30,977,513	57.1%
9021	Orthopedic Appliances, Artificial Body Pts, etc	\$36,152,837	\$27,070,272	\$26,854,267	-0.8%
9033	Parts & Accessories	\$34,716,716	\$26,300,215	\$25,685,867	-2.3%
9004	Spectacles, Goggles, etc	\$12,508,160	\$14,184,412	\$18,568,131	30.9%
9028	Gas, Liquid Or Electric Supply Meters	\$9,034,589	\$14,653,233	\$16,121,431	10.0%
9013	Liq. Crystal Devices; Lasers; Oth. Optical Ap.	\$7,552,007	\$11,970,095	\$14,572,415	21.7%
9017	Other Drawing, Math, Measuring Instru., etc	\$16,036,249	\$12,481,265	\$12,205,920	-2.2%
9025	Hydrometers, Thermometers, Pyrometers, etc	\$6,384,242	\$11,795,997	\$11,683,821	-1.0%
9019	Mechano-Therapy Appliances, etc	\$9,420,014	\$12,109,009	\$11,403,868	-5.8%
9023	Instruments For Demonstrational Puposos	\$3,300,449	\$9,420,275	\$10,931,975	16.0%
9014	Dir. Finding Compasses & Navig. Instru., etc	\$12,299,035	\$9,884,678	\$8,760,148	-11.4%
9002	Optical Elements	\$4,799,404	\$6,376,732	\$7,183,973	12.7%
9005	Telescopes & Oth. Astronomical Instruments	\$18,894,214	\$10,258,792	\$6,235,382	-39.2%
9016	Balances Of A Sensitivity Of 5 cg Or Better	\$2,447,265	\$3,374,358	\$3,281,090	-2.8%
9012	Microscopes (Non Optical) & Diffraction Ap.	\$543,123	\$366,632	\$2,798,631	663.3%
9010	Photo Lab Apparatus	\$3,997,612	\$3,831,768	\$2,332,472	-39.1%
9011	Compound Optical Microscopes	\$714,063	\$670,581	\$2,114,116	215.3%
9006	Photo Still Cameras, etc	\$2,097,286	\$1,978,274	\$2,039,373	3.1%
9020	Other Breathing Appliances & Gas Masks	\$2,080,104	\$2,596,864	\$2,007,766	-22.7%
9003	Frames & Mountings For Spectacles	\$1,881,856	\$1,832,667	\$1,971,649	7.6%
9007	Cinematographic Cameras & Projectors	\$1,011,874	\$1,872,457	\$568,672	-69.6%
9008	Image Projectors	\$1,505,324	\$1,625,479	\$285,626	-82.4%

## U.S. Exports by State Ranked by 2011 Value



Rank	State	2009	2010	2011	% Share 2011	% Change 10 to 11
	<b>Total All States</b>	<b>\$1,056,042,963,028</b>	<b>\$1,278,263,225,486</b>	<b>\$1,480,552,124,563</b>	<b>100.0%</b>	<b>15.8%</b>
1	Texas	\$162,994,740,450	\$206,960,767,594	\$249,860,039,646	16.9%	20.7%
2	California	\$120,079,965,765	\$143,192,250,991	\$159,354,357,767	10.8%	11.3%
3	New York	\$58,743,030,056	\$69,695,634,935	\$82,894,130,191	5.6%	18.9%
4	Florida	\$46,888,006,761	\$55,364,760,752	\$64,756,130,028	4.4%	17.0%
5	Washington	\$51,850,856,743	\$53,353,413,033	\$64,632,316,142	4.4%	21.1%
6	Illinois	\$41,626,110,699	\$50,058,293,734	\$64,564,658,986	4.4%	29.0%
7	Louisiana	\$32,616,451,452	\$41,355,870,039	\$55,124,006,851	3.7%	33.3%
8	Michigan	\$32,655,333,884	\$44,768,187,457	\$50,802,278,026	3.4%	13.5%
9	Ohio	\$34,104,484,238	\$41,493,512,722	\$46,407,887,826	3.1%	11.8%
10	Pennsylvania	\$28,381,102,168	\$34,927,694,246	\$41,029,607,501	2.8%	17.5%
11	New Jersey	\$27,244,246,431	\$32,153,593,976	\$38,240,994,390	2.6%	18.9%
12	Georgia	\$23,743,041,911	\$28,949,552,263	\$34,713,212,461	2.3%	19.9%
13	Indiana	\$22,907,367,488	\$28,744,977,002	\$32,200,212,042	2.2%	12.0%
14	Tennessee	\$20,484,299,844	\$25,942,724,022	\$29,973,295,239	2.0%	15.5%
15	Massachusetts	\$23,593,277,279	\$26,303,601,826	\$27,710,902,741	1.9%	5.4%
16	North Carolina	\$21,792,953,156	\$24,905,063,910	\$26,964,357,273	1.8%	8.3%
17	South Carolina	\$16,488,111,133	\$20,328,687,951	\$24,679,558,519	1.7%	21.4%
18	Wisconsin	\$16,724,996,880	\$19,789,522,286	\$22,048,455,016	1.5%	11.4%
19	Minnesota	\$15,531,557,833	\$18,903,725,389	\$20,276,112,029	1.4%	7.3%
20	Kentucky	\$17,649,768,303	\$19,342,737,535	\$20,065,948,178	1.4%	3.7%
21	Utah	\$10,337,135,031	\$13,809,376,642	\$19,009,620,561	1.3%	37.7%
22	Puerto Rico	\$20,937,064,690	\$22,784,088,942	\$18,652,910,221	1.3%	-18.1%
23	Oregon	\$14,907,405,450	\$17,671,067,072	\$18,291,715,722	1.2%	3.5%
24	Virginia	\$15,052,091,034	\$17,163,324,645	\$18,105,351,782	1.2%	5.5%
25	Alabama	\$12,354,803,017	\$15,501,508,839	\$17,893,282,100	1.2%	15.4%
26	Arizona	\$14,023,462,270	\$15,635,757,846	\$17,500,706,127	1.2%	11.9%
27	Connecticut	\$13,978,898,792	\$16,056,449,947	\$16,198,135,524	1.1%	0.9%
28	Missouri	\$9,522,229,617	\$12,925,559,774	\$14,145,445,175	1.0%	9.4%
29	Iowa	\$9,042,125,564	\$10,880,026,652	\$13,282,762,214	0.9%	22.1%
30	Kansas	\$8,916,920,376	\$9,905,219,429	\$11,572,383,015	0.8%	16.8%
31	Mississippi	\$6,316,488,807	\$8,228,851,021	\$10,926,061,973	0.7%	32.8%
32	Maryland	\$9,225,376,423	\$10,163,267,062	\$10,879,302,820	0.7%	7.0%
33	West Virginia	\$4,825,570,207	\$6,449,180,362	\$9,002,214,045	0.6%	39.6%
34	Nevada	\$5,672,185,096	\$5,911,812,450	\$7,977,737,259	0.5%	34.9%
35	Nebraska	\$4,872,924,899	\$5,819,949,181	\$7,578,161,996	0.5%	30.2%
36	Colorado	\$5,867,265,731	\$6,726,706,628	\$7,334,008,213	0.5%	9.0%
37	Oklahoma	\$4,414,915,717	\$5,353,190,640	\$6,217,905,151	0.4%	16.2%
38	Idaho	\$3,877,389,493	\$5,156,919,667	\$5,898,492,247	0.4%	14.4%
39	Arkansas	\$5,266,978,589	\$5,218,646,154	\$5,559,198,313	0.4%	6.5%
40	Delaware	\$4,311,773,339	\$4,965,544,823	\$5,508,814,626	0.4%	10.9%
41	Alaska	\$3,270,429,748	\$4,154,626,473	\$5,238,344,198	0.4%	26.1%
42	New Hampshire	\$3,060,715,994	\$4,367,331,611	\$4,293,484,673	0.3%	-1.7%
43	Vermont	\$3,219,270,656	\$4,277,417,496	\$4,247,139,882	0.3%	-0.7%
44	Maine	\$2,231,142,502	\$3,163,991,540	\$3,460,658,670	0.2%	9.4%
45	North Dakota	\$2,193,011,373	\$2,536,428,341	\$3,379,084,702	0.2%	33.2%
46	Rhode Island	\$1,495,522,447	\$1,949,146,488	\$2,299,728,249	0.2%	18.0%
47	U.S. Virgin Islands	\$1,217,003,134	\$1,898,505,274	\$2,293,209,803	0.2%	20.8%
48	New Mexico	\$1,269,535,234	\$1,540,970,873	\$2,089,453,337	0.1%	35.6%
49	Montana	\$1,053,312,395	\$1,388,777,953	\$1,581,372,653	0.1%	13.9%
50	South Dakota	\$1,010,960,601	\$1,259,394,822	\$1,454,694,153	0.1%	15.5%
51	Wyoming	\$926,141,589	\$983,287,911	\$1,221,507,129	0.1%	24.2%
52	District Of Columbia	\$1,090,543,044	\$1,500,660,263	\$1,055,341,215	0.1%	-29.7%
53	Hawaii	\$563,059,688	\$684,045,484	\$909,217,561	0.1%	32.9%
	Unknown State	\$33,619,608,007	\$45,697,621,518	\$49,196,218,402	3.3%	7.7%

## U.S. Exports by Country Ranked by 2011 Value



Rank	Country	2009	2010	2011	% Share 2011	% Change 10 to 11
	<b>Total All Countries</b>	<b>\$1,056,042,963,028</b>	<b>\$1,278,263,225,486</b>	<b>\$1,480,552,124,563</b>	<b>100.0%</b>	<b>15.8%</b>
1	Canada	\$204,657,955,218	\$249,104,995,965	\$280,764,268,022	19.0%	12.7%
2	Mexico	\$128,892,137,645	\$163,473,026,884	\$197,543,674,806	13.3%	20.8%
3	China	\$69,496,678,611	\$91,880,613,079	\$103,878,554,773	7.0%	13.1%
4	Japan	\$51,134,184,201	\$60,485,608,722	\$66,168,328,820	4.5%	9.4%
5	United Kingdom	\$45,703,598,254	\$48,413,544,330	\$55,963,534,142	3.8%	15.6%
6	Germany	\$43,306,258,441	\$48,160,731,054	\$49,134,174,634	3.3%	2.0%
7	Korea, Republic Of	\$28,611,928,167	\$38,845,657,563	\$43,505,004,799	2.9%	12.0%
8	Brazil	\$26,095,455,340	\$35,425,091,507	\$42,943,393,779	2.9%	21.2%
9	Netherlands	\$32,241,517,656	\$34,939,190,178	\$42,826,973,461	2.9%	22.6%
10	Hong Kong	\$21,050,525,179	\$26,570,267,632	\$36,512,581,188	2.5%	37.4%
11	Singapore	\$22,231,821,976	\$29,017,399,660	\$31,392,979,341	2.1%	8.2%
12	Belgium	\$21,607,727,193	\$25,455,743,159	\$29,876,948,901	2.0%	17.4%
13	France	\$26,493,009,350	\$26,968,503,225	\$27,844,315,935	1.9%	3.2%
14	Australia	\$19,599,303,927	\$21,797,618,846	\$27,515,747,704	1.9%	26.2%
15	Taiwan	\$18,485,640,877	\$26,043,354,199	\$25,898,410,803	1.7%	-0.6%
16	Switzerland	\$17,504,409,869	\$20,687,333,696	\$24,452,738,010	1.7%	18.2%
17	India	\$16,441,395,486	\$19,250,118,652	\$21,627,596,974	1.5%	12.4%
18	Italy	\$12,268,011,950	\$14,219,246,395	\$15,991,314,100	1.1%	12.5%
19	United Arab Emirates	\$12,210,863,357	\$11,673,439,016	\$15,893,845,362	1.1%	36.2%
20	Chile	\$9,345,620,179	\$10,905,267,693	\$15,873,394,302	1.1%	45.6%
21	Turkey	\$7,094,632,437	\$10,545,529,653	\$14,631,841,316	1.0%	38.7%
22	Colombia	\$9,451,459,411	\$12,069,290,704	\$14,314,594,567	1.0%	18.6%
23	Malaysia	\$10,403,284,106	\$14,079,808,873	\$14,217,935,023	1.0%	1.0%
24	Israel	\$9,559,356,487	\$11,294,370,763	\$13,955,868,604	0.9%	23.6%
25	Saudi Arabia	\$10,792,157,268	\$11,556,310,693	\$13,819,521,040	0.9%	19.6%
26	Venezuela	\$9,315,456,954	\$10,649,411,989	\$12,350,628,190	0.8%	16.0%
27	Thailand	\$6,918,398,273	\$8,976,974,504	\$10,927,585,949	0.7%	21.7%
28	Spain	\$8,716,930,087	\$10,177,964,627	\$10,651,440,483	0.7%	4.7%
29	Argentina	\$5,568,885,625	\$7,395,120,869	\$9,885,072,052	0.7%	33.7%
30	Peru	\$4,918,842,351	\$6,754,262,396	\$8,319,165,513	0.6%	23.2%
31	Russia	\$5,332,081,493	\$6,006,372,497	\$8,285,464,755	0.6%	37.9%
32	Panama	\$4,292,943,517	\$6,062,810,275	\$8,252,590,481	0.6%	36.1%
33	Philippines	\$5,766,367,618	\$7,376,066,390	\$7,706,291,046	0.5%	4.5%
34	Ireland	\$7,465,002,762	\$7,275,581,087	\$7,607,709,133	0.5%	4.6%
35	Indonesia	\$5,106,983,972	\$6,946,120,424	\$7,414,861,787	0.5%	6.7%
36	Dominican Republic	\$5,268,819,948	\$6,579,294,382	\$7,346,195,144	0.5%	11.7%
37	Republic Of South Africa	\$4,452,643,478	\$5,631,144,335	\$7,294,029,542	0.5%	29.5%
38	Guatemala	\$3,874,527,192	\$4,478,265,791	\$6,205,289,059	0.4%	38.6%
39	Egypt	\$5,253,082,399	\$6,835,081,446	\$6,182,963,459	0.4%	-9.5%
40	Honduras	\$3,367,600,743	\$4,606,352,441	\$6,139,350,280	0.4%	33.3%
41	Costa Rica	\$4,699,532,055	\$5,179,737,236	\$6,118,067,713	0.4%	18.1%
42	Ecuador	\$3,937,889,182	\$5,409,812,900	\$6,058,017,579	0.4%	12.0%
43	Sweden	\$4,560,785,212	\$4,706,162,213	\$5,263,694,507	0.4%	11.8%
44	Nigeria	\$3,687,083,853	\$4,067,677,969	\$4,814,874,813	0.3%	18.4%
45	Vietnam	\$3,097,194,382	\$3,708,895,019	\$4,340,666,850	0.3%	17.0%
46	Norway	\$2,789,788,721	\$3,098,937,704	\$3,632,713,723	0.2%	17.2%
47	New Zealand	\$2,158,504,659	\$2,819,079,796	\$3,571,104,389	0.2%	26.7%
48	Bahamas	\$2,504,043,054	\$3,178,032,245	\$3,418,107,666	0.2%	7.6%
49	El Salvador	\$2,018,691,710	\$2,433,094,086	\$3,371,478,013	0.2%	38.6%

**U.S. Exports by Country**  
**Ranked by 2011 Value (continued)**



Rank	Country	2009	2010	2011	% Share 2011	% Change 10 to 11
50	Gibraltar	\$1,086,961,229	\$1,494,166,368	\$3,335,268,985	0.2%	123.2%
51	Finland	\$1,661,981,706	\$2,181,460,716	\$3,159,021,168	0.2%	44.8%
52	Poland	\$2,301,516,671	\$2,982,384,504	\$3,129,272,176	0.2%	4.9%
53	Afghanistan	\$1,508,592,966	\$2,155,533,163	\$2,918,415,123	0.2%	35.4%
54	Austria	\$2,536,845,631	\$2,427,537,563	\$2,886,569,807	0.2%	18.9%
55	Morocco	\$1,630,259,886	\$1,946,982,500	\$2,862,627,027	0.2%	47.0%
56	Qatar	\$2,713,238,087	\$3,159,704,672	\$2,796,010,605	0.2%	-11.5%
57	Kuwait	\$1,951,143,424	\$2,774,064,746	\$2,727,324,643	0.2%	-1.7%
58	Iraq	\$1,772,408,085	\$1,641,973,903	\$2,431,158,710	0.2%	48.1%
59	Denmark	\$2,056,087,203	\$2,132,751,808	\$2,244,735,228	0.2%	5.3%
60	Trinidad And Tobago	\$1,988,348,722	\$1,926,041,005	\$2,217,743,967	0.1%	15.1%
61	Ukraine	\$886,859,797	\$1,358,547,855	\$2,104,393,410	0.1%	54.9%
62	Pakistan	\$1,617,950,218	\$1,901,440,796	\$2,003,848,622	0.1%	5.4%
63	Paraguay	\$1,355,033,256	\$1,810,137,053	\$1,975,784,615	0.1%	9.2%
64	Jamaica	\$1,440,576,002	\$1,661,746,015	\$1,912,280,501	0.1%	15.1%
65	Lebanon	\$1,852,147,275	\$2,008,827,254	\$1,807,897,672	0.1%	-10.0%
66	Czech Republic	\$969,635,528	\$1,410,646,166	\$1,680,591,040	0.1%	19.1%
67	Algeria	\$1,107,826,652	\$1,194,651,939	\$1,590,253,878	0.1%	33.1%
68	Luxembourg	\$1,292,061,259	\$1,439,133,604	\$1,585,178,949	0.1%	10.1%
69	Angola	\$1,423,050,894	\$1,293,598,788	\$1,500,924,359	0.1%	16.0%
70	Hungary	\$1,232,876,763	\$1,289,643,529	\$1,473,164,175	0.1%	14.2%
71	Jordan	\$1,191,811,231	\$1,174,238,600	\$1,454,325,707	0.1%	23.9%
72	Oman	\$1,126,324,482	\$1,104,956,882	\$1,433,985,527	0.1%	29.8%
73	Portugal	\$1,084,847,582	\$1,057,811,068	\$1,314,402,226	0.1%	24.3%
74	Uruguay	\$745,087,443	\$974,975,082	\$1,256,366,401	0.1%	28.9%
75	Bahrain	\$667,407,395	\$1,249,568,587	\$1,213,175,421	0.1%	-2.9%
76	Netherlands Antilles	\$2,055,809,980	\$2,943,187,303	\$1,212,923,219	0.1%	-58.8%
77	Ghana	\$715,935,461	\$989,345,454	\$1,192,523,779	0.1%	20.5%
78	Bangladesh	\$434,568,444	\$577,506,802	\$1,145,590,487	0.1%	98.4%
79	Lithuania	\$398,538,386	\$627,835,659	\$1,141,599,376	0.1%	81.8%
80	Greece	\$2,487,064,064	\$1,108,051,028	\$1,083,440,110	0.1%	-2.2%
81	Haiti	\$790,406,627	\$1,209,305,156	\$1,061,565,379	0.1%	-12.2%
82	Nicaragua	\$715,129,472	\$981,304,228	\$1,053,179,446	0.1%	7.3%
83	Romania	\$672,003,377	\$729,839,731	\$914,086,363	0.1%	25.2%
84	Kazakhstan	\$603,491,712	\$730,348,934	\$825,640,380	0.1%	13.0%
85	Aruba	\$445,673,618	\$541,376,928	\$713,877,220	0.0%	31.9%
86	Malta And Gozo	\$208,459,569	\$457,387,915	\$706,799,500	0.0%	54.5%
87	Ethiopia (New)	\$266,866,655	\$773,153,940	\$689,975,166	0.0%	-10.8%
88	Bolivia	\$431,413,764	\$507,359,630	\$666,976,258	0.0%	31.5%
89	Iceland	\$349,502,029	\$324,882,989	\$628,216,189	0.0%	93.4%
90	Benin	\$397,376,762	\$463,387,720	\$620,597,066	0.0%	33.9%
91	Cayman Islands	\$643,342,674	\$581,688,398	\$616,881,971	0.0%	6.1%
92	Bermuda	\$807,392,576	\$636,518,655	\$592,835,205	0.0%	-6.9%
93	Tunisia	\$501,332,614	\$570,612,444	\$586,064,972	0.0%	2.7%
94	Latvia	\$288,594,228	\$344,846,635	\$584,866,128	0.0%	69.6%
95	Slovenia	\$243,645,097	\$328,123,328	\$573,714,654	0.0%	74.8%
96	Georgia	\$363,773,252	\$301,075,240	\$538,732,397	0.0%	78.9%
97	Croatia	\$201,742,862	\$311,771,626	\$511,259,412	0.0%	64.0%
98	Kenya	\$653,631,512	\$375,429,409	\$464,384,281	0.0%	23.7%
99	Curacao	\$0	\$0	\$455,732,127	0.0%	n.a.

**U.S. Exports by Country**  
**Ranked by 2011 Value (continued)**



Rank	Country	2009	2010	2011	% Share 2011	% Change 10 to 11
100	Mozambique	\$189,612,914	\$224,369,682	\$452,966,403	0.0%	101.9%
101	Barbados	\$404,773,424	\$397,388,814	\$438,716,614	0.0%	10.4%
102	Suriname	\$380,392,824	\$361,937,150	\$432,900,453	0.0%	19.6%
103	Guadeloupe	\$205,820,935	\$364,534,528	\$432,356,051	0.0%	18.6%
104	Sint Maarten	\$0	\$0	\$396,051,983	0.0%	n.a.
105	Republic Of Yemen	\$381,131,640	\$390,949,533	\$389,957,214	0.0%	-0.3%
106	Belize	\$252,698,520	\$289,179,546	\$379,452,110	0.0%	31.2%
107	Guyana	\$260,367,286	\$290,434,998	\$363,470,397	0.0%	25.1%
108	Cuba	\$532,777,218	\$367,857,422	\$352,018,018	0.0%	-4.3%
109	Estonia	\$189,474,502	\$187,881,568	\$341,047,648	0.0%	81.5%
110	Martinique	\$263,426,197	\$296,799,785	\$336,985,713	0.0%	13.5%
111	Azerbaijan	\$185,236,612	\$252,627,765	\$328,354,578	0.0%	30.0%
112	St. Lucia	\$136,219,773	\$401,483,482	\$314,518,742	0.0%	-21.7%
113	Mongolia	\$40,514,385	\$115,494,750	\$313,342,288	0.0%	171.3%
114	Sri Lanka	\$229,571,323	\$178,530,081	\$306,599,442	0.0%	71.7%
115	Papua New Guinea	\$217,804,185	\$186,079,364	\$303,970,326	0.0%	63.4%
116	Slovakia	\$209,588,452	\$255,957,753	\$302,091,634	0.0%	18.0%
117	Macao	\$209,196,460	\$224,957,154	\$290,751,145	0.0%	29.2%
118	Libya	\$665,507,651	\$665,538,308	\$287,069,136	0.0%	-56.9%
119	Equatorial Guinea	\$305,594,459	\$272,197,777	\$286,438,396	0.0%	5.2%
120	Senegal	\$175,723,538	\$218,363,576	\$262,468,117	0.0%	20.2%
121	Tanzania	\$157,948,337	\$163,519,437	\$257,833,816	0.0%	57.7%
122	Bulgaria	\$224,157,518	\$170,899,591	\$257,514,956	0.0%	50.7%
123	Guinea	\$94,793,067	\$85,088,452	\$255,454,135	0.0%	200.2%
124	Syria	\$303,870,805	\$503,140,043	\$249,845,656	0.0%	-50.3%
125	Mauritania	\$56,280,371	\$83,441,879	\$243,223,055	0.0%	191.5%
126	Iran	\$280,371,712	\$208,230,119	\$229,505,384	0.0%	10.2%
127	Congo (Brazzaville)	\$276,930,001	\$254,348,315	\$226,828,737	0.0%	-10.8%
128	Cameroon	\$153,522,465	\$132,250,645	\$220,830,937	0.0%	67.0%
129	Togo	\$124,798,314	\$158,335,184	\$214,060,708	0.0%	35.2%
130	Turks And Caicos Islands	\$247,865,657	\$189,612,534	\$204,943,647	0.0%	8.1%
131	Gabon	\$170,755,956	\$242,995,792	\$204,021,881	0.0%	-16.0%
132	Liberia	\$94,745,252	\$191,351,777	\$194,798,604	0.0%	1.8%
133	Cambodia	\$127,090,376	\$153,825,031	\$185,816,840	0.0%	20.8%
134	Brunei	\$100,205,408	\$124,171,050	\$184,324,222	0.0%	48.4%
135	Tajikistan	\$41,171,507	\$57,013,199	\$178,246,296	0.0%	212.6%
136	Congo (Kinshasa)	\$79,486,985	\$93,260,829	\$166,264,715	0.0%	78.3%
137	Belarus	\$137,247,760	\$133,148,863	\$156,263,605	0.0%	17.4%
138	Reunion	\$9,448,244	\$8,214,437	\$154,888,562	0.0%	1785.6%
139	Antigua	\$156,889,923	\$158,334,299	\$154,845,592	0.0%	n.a.
140	British Virgin Islands	\$232,953,888	\$146,023,394	\$151,362,935	0.0%	3.7%
141	Marshall Islands	\$77,579,432	\$91,184,680	\$143,419,351	0.0%	57.3%
142	Namibia	\$202,339,839	\$111,110,585	\$137,382,295	0.0%	23.6%
143	Djibouti	\$196,482,984	\$122,793,059	\$132,835,061	0.0%	8.2%
144	Ivory Coast	\$206,048,254	\$162,845,207	\$130,298,832	0.0%	-20.0%
145	Zambia	\$57,273,292	\$56,421,951	\$129,127,213	0.0%	128.9%
146	French Polynesia	\$112,758,869	\$121,686,985	\$126,409,119	0.0%	3.9%
147	Serbia	\$112,594,021	\$104,196,666	\$125,948,975	0.0%	20.9%
148	Rwanda	\$34,145,955	\$30,594,069	\$119,574,405	0.0%	290.8%
149	St.Christopher-Nevis	\$108,056,908	\$131,037,830	\$115,880,368	0.0%	-11.6%

**U.S. Exports by Country**  
**Ranked by 2011 Value (continued)**



Rank	Country	2009	2010	2011	% Share 2011	% Change 10 to 11
150	New Caledonia	\$77,859,989	\$108,035,793	\$115,355,121	0.0%	6.8%
151	Sierra Leone	\$42,537,601	\$61,092,783	\$103,463,383	0.0%	69.4%
152	Kyrgyzstan	\$56,761,574	\$79,407,764	\$102,765,244	0.0%	29.4%
153	Uzbekistan	\$97,536,884	\$101,148,237	\$100,308,128	0.0%	-0.8%
154	Cyprus	\$179,127,346	\$134,397,331	\$97,139,886	0.0%	-27.7%
155	Armenia	\$77,094,568	\$113,351,733	\$94,378,456	0.0%	-16.7%
156	Uganda	\$119,061,119	\$93,509,008	\$93,976,964	0.0%	0.5%
157	Grenada	\$59,211,758	\$71,282,168	\$81,800,316	0.0%	14.8%
158	St. Vincent	\$74,851,479	\$85,965,325	\$80,468,359	0.0%	-6.4%
159	Dominica	\$76,601,184	\$72,844,780	\$73,626,625	0.0%	1.1%
160	Sudan	\$78,414,774	\$115,617,732	\$73,366,064	0.0%	-36.5%
161	Turkmenistan	\$293,658,852	\$40,078,536	\$70,831,022	0.0%	76.7%
162	Malawi	\$40,423,565	\$37,001,180	\$66,040,102	0.0%	78.5%
163	Liechtenstein	\$23,482,968	\$29,267,415	\$62,269,579	0.0%	112.8%
164	Zimbabwe	\$85,459,651	\$67,565,121	\$59,936,419	0.0%	-11.3%
165	French Guiana	\$16,758,205	\$35,703,949	\$56,702,580	0.0%	58.8%
166	Madagascar	\$105,868,563	\$115,994,454	\$56,079,258	0.0%	-51.7%
167	Mali	\$36,747,987	\$37,290,320	\$55,018,664	0.0%	47.5%
168	Burma (Myanmar)	\$6,906,838	\$9,650,957	\$48,847,714	0.0%	406.1%
169	Albania	\$48,018,565	\$46,432,350	\$47,630,763	0.0%	2.6%
170	Mauritius	\$70,031,102	\$40,022,002	\$45,951,235	0.0%	14.8%
171	Niger	\$58,240,607	\$48,886,203	\$44,855,321	0.0%	-8.2%
172	Maldives Islands	\$17,424,044	\$28,281,536	\$44,760,266	0.0%	58.3%
173	Micronesia	\$51,947,959	\$42,516,796	\$44,056,009	0.0%	3.6%
174	Botswana	\$93,244,580	\$48,496,947	\$43,775,549	0.0%	-9.7%
175	Fiji	\$31,172,353	\$43,975,153	\$42,618,631	0.0%	-3.1%
176	Nepal	\$31,006,805	\$28,269,192	\$40,317,314	0.0%	42.6%
177	Moldova	\$26,644,083	\$37,813,517	\$39,343,195	0.0%	4.0%
178	Macedonia	\$34,837,071	\$33,564,736	\$37,233,225	0.0%	10.9%
179	Chad	\$62,689,577	\$88,167,366	\$35,247,482	0.0%	-60.0%
180	Burkina	\$25,823,754	\$46,613,094	\$33,519,425	0.0%	-28.1%
181	Burundi	\$8,688,287	\$14,386,303	\$32,788,844	0.0%	127.9%
182	Anguilla	\$52,914,578	\$35,575,958	\$31,198,835	0.0%	-12.3%
183	The Gambia	\$33,648,113	\$29,253,787	\$29,385,896	0.0%	0.5%
184	Laos	\$20,321,593	\$11,990,344	\$26,075,640	0.0%	117.5%
185	Western Samoa	\$18,683,664	\$19,124,418	\$23,786,831	0.0%	24.4%
186	Bosnia-Herzegovina	\$21,290,698	\$26,377,106	\$21,297,093	0.0%	-19.3%
187	Monaco	\$17,968,911	\$49,192,767	\$20,675,532	0.0%	-58.0%
188	Swaziland	\$14,552,515	\$23,582,688	\$20,232,988	0.0%	-14.2%
189	Tonga	\$12,942,138	\$20,678,902	\$19,311,524	0.0%	-6.6%
190	Montenegro	\$34,787,868	\$14,554,803	\$17,694,009	0.0%	21.6%
191	Kiribati	\$824,672	\$3,977,797	\$17,682,684	0.0%	344.5%
192	Palau	\$14,796,127	\$14,157,003	\$16,876,149	0.0%	19.2%
193	Kosovo	\$5,002,266	\$11,185,653	\$15,107,151	0.0%	35.1%
194	Seychelles	\$34,068,446	\$10,681,706	\$13,543,789	0.0%	26.8%
195	Lesotho	\$16,630,440	\$11,330,245	\$13,150,167	0.0%	16.1%
196	Central African Republic	\$31,485,494	\$10,339,636	\$12,407,046	0.0%	20.0%
197	Guinea-Bissau	\$1,511,184	\$3,401,580	\$11,848,301	0.0%	248.3%
198	Cape Verde	\$6,387,428	\$9,975,829	\$11,351,205	0.0%	13.8%
199	North Korea	\$856,793	\$1,931,073	\$9,405,834	0.0%	387.1%

**U.S. Exports by Country**  
**Ranked by 2011 Value (continued)**



Rank	Country	2009	2010	2011	% Share 2011	% Change 10 to 11
200	East Timor	\$2,350,110	\$4,325,772	\$8,146,198	0.0%	88.3%
201	South Sudan	\$0	\$0	\$7,361,905	0.0%	n.a.
202	Greenland	\$7,072,819	\$8,577,516	\$7,312,585	0.0%	-14.7%
203	Montserrat	\$5,883,151	\$4,746,579	\$6,898,729	0.0%	45.3%
204	Sao Tome And Principe	\$4,018,129	\$1,358,738	\$6,123,966	0.0%	350.7%
205	Solomon Islands	\$6,020,700	\$4,953,653	\$5,966,339	0.0%	20.4%
206	Somalia	\$4,099,468	\$1,457,879	\$5,248,785	0.0%	260.0%
207	Andorra	\$9,426,362	\$7,658,508	\$5,171,664	0.0%	-32.5%
208	Vanuatu	\$3,903,181	\$18,940,232	\$5,152,275	0.0%	-72.8%
209	Tokelau Islands	\$12,926,185	\$3,938,459	\$4,892,762	0.0%	24.2%
210	Cook Islands	\$1,963,686	\$3,858,635	\$4,606,140	0.0%	19.4%
211	Mayotte	\$1,168,097	\$6,346,045	\$4,572,023	0.0%	-28.0%
212	Eritrea	\$6,735,077	\$2,384,567	\$4,250,603	0.0%	78.3%
213	Falkland Islands	\$2,356,305	\$2,718,134	\$3,957,498	0.0%	45.6%
214	Bhutan	\$2,742,299	\$3,507,956	\$3,830,639	0.0%	9.2%
215	Faroe Island	\$9,870,000	\$2,129,580	\$2,966,628	0.0%	39.3%
216	Vatican City	\$7,351,678	\$3,193,465	\$2,299,758	0.0%	-28.0%
217	British Indian Ocean Terr.	\$1,774,962	\$1,479,708	\$2,212,415	0.0%	49.5%
218	Svalbard, Jan Mayen Island	\$868,604	\$7,674,628	\$2,052,453	0.0%	-73.3%
219	San Marino	\$8,132,793	\$3,990,083	\$2,012,731	0.0%	-49.6%
220	St. Helena	\$2,893,506	\$692,094	\$1,901,890	0.0%	174.8%
221	Christmas Island	\$925,955	\$1,750,269	\$1,482,781	0.0%	-15.3%
222	Fr.Sthern.,Antarctic Lands	\$963,568	\$588,625	\$1,428,478	0.0%	142.7%
223	West Bank Admin By Israel	\$620,793	\$629,842	\$1,145,816	0.0%	81.9%
224	Comoros	\$1,631,394	\$1,259,238	\$1,095,278	0.0%	-13.0%
225	Norfolk Island	\$864,840	\$661,175	\$1,043,984	0.0%	57.9%
226	Cocos Islands	\$1,440,652	\$728,118	\$957,218	0.0%	31.5%
227	Tuvalu Islands	\$151,784	\$620,945	\$724,161	0.0%	16.6%
228	Niue	\$1,209,612	\$1,570,975	\$716,169	0.0%	-54.4%
229	Nauru	\$3,687,213	\$2,492,127	\$506,296	0.0%	-79.7%
230	Heard And Mcdonald Island	\$7,113,037	\$3,654,960	\$365,259	0.0%	-90.0%
231	Wallis And Futuna	\$535,497	\$778,132	\$282,548	0.0%	-63.7%
232	St. Pierre And Miquelon	\$135,133	\$14,691	\$118,559	0.0%	707.0%
233	Gaza Strip Admin By Israel	\$22,823	\$1,830,513	\$47,297	0.0%	-97.4%
233	Pitcairn Island	\$568,212	\$3,683	\$15,696	0.0%	326.2%
233	Western Sahara	\$158,569	\$53,902	\$7,665	0.0%	-85.8%
	Unidentified Countries	\$233,738,869	\$375,897,966	\$225,387,686	0.0%	-40.0%

## U.S. Exports by Product Ranked by 2011 Value



HS Code	Description	2009	2010	2011	% Share 2011	% Change 10 to 11
00	<b>Total all commodities</b>	<b>\$1,056,042,963,028</b>	<b>\$1,278,263,225,486</b>	<b>\$1,480,552,124,563</b>	<b>100.0%</b>	<b>15.8%</b>
84	Machinery, Inc.Computers	\$153,159,958,043	\$182,897,557,406	\$205,210,462,367	13.9%	12.2%
85	Electrical Machinery	\$124,817,076,765	\$151,712,122,334	\$158,865,461,991	10.7%	4.7%
27	Mineral Fuel, Oil, etc	\$55,059,238,358	\$81,522,538,617	\$129,496,719,641	8.7%	58.8%
87	Vehicles, Not Railway & Parts	\$73,668,555,474	\$99,128,650,392	\$119,714,334,749	8.1%	20.8%
88	Aircraft; Spacecraft & Parts	\$82,977,746,555	\$79,687,160,232	\$87,532,455,897	5.9%	9.8%
90	Optic, Photo; Medical Instrumen	\$65,057,411,901	\$73,943,522,321	\$79,053,310,981	5.3%	6.9%
71	Precious Stones, Metals	\$38,614,430,933	\$52,120,712,477	\$72,649,865,095	4.9%	39.4%
39	Plastics & Articles Thereof	\$42,854,069,521	\$53,597,756,816	\$58,617,523,987	4.0%	9.4%
29	Organic Chemicals	\$31,048,792,245	\$40,931,914,295	\$45,560,681,029	3.1%	11.3%
98	Special Other	\$29,479,283,068	\$40,363,610,057	\$41,415,277,924	2.8%	2.6%
30	Pharmaceutical Products	\$40,667,260,295	\$40,770,562,286	\$38,776,004,896	2.6%	-4.9%
10	Cereals	\$17,380,512,449	\$20,062,089,101	\$28,322,535,182	1.9%	41.2%
72	Iron & Steel	\$15,445,928,069	\$19,828,478,173	\$25,278,433,730	1.7%	27.5%
38	Misc. Chemical Products	\$18,143,226,125	\$21,277,614,292	\$23,845,590,757	1.6%	12.1%
12	Misc. Grain, Seed, Fruit	\$19,529,176,802	\$21,910,710,976	\$21,179,866,016	1.4%	-3.3%
73	Iron/Steel Products	\$13,788,600,964	\$16,187,655,758	\$18,437,893,995	1.2%	13.9%
48	Paper, Paperboard	\$13,684,197,672	\$15,783,854,633	\$16,906,967,776	1.1%	7.1%
02	Meat	\$10,627,190,762	\$12,055,583,374	\$15,351,918,987	1.0%	27.3%
28	Inorg. Chem.;Rare Earth Metals	\$10,860,375,849	\$12,859,678,301	\$15,266,028,471	1.0%	18.7%
40	Rubber & Articles Thereof	\$9,614,624,101	\$12,123,115,203	\$14,834,235,134	1.0%	22.4%
76	Aluminum & Articles Thereof	\$8,369,867,328	\$10,608,987,275	\$12,970,709,760	0.9%	22.3%
08	Edible Fruit & Nuts	\$8,710,869,868	\$10,145,564,124	\$11,765,633,722	0.8%	16.0%
52	Cotton & Yarn, Fabric	\$4,856,148,060	\$7,550,123,052	\$11,102,005,465	0.7%	47.0%
47	Wood Pulp, etc	\$6,796,439,514	\$8,860,372,347	\$10,118,481,718	0.7%	14.2%
74	Copper & Articles Thereof	\$5,078,666,247	\$7,881,039,786	\$9,597,952,530	0.6%	21.8%
33	Perfumery, Cosmetic, etc	\$8,090,997,962	\$9,090,426,672	\$9,596,696,412	0.6%	5.6%
94	Furniture & Bedding	\$7,010,080,911	\$8,588,786,618	\$9,526,646,034	0.6%	10.9%
32	Tanning, Dye, Paint, Putty	\$5,758,897,290	\$7,629,837,801	\$8,789,801,447	0.6%	15.2%
23	Food Waste; Animal Feed	\$7,162,517,227	\$8,338,493,255	\$8,540,950,278	0.6%	2.4%
44	Wood & Articles of Wood	\$5,452,952,009	\$7,070,331,628	\$7,886,230,484	0.5%	11.5%
22	Beverages, Spirits & Vinegar	\$3,601,608,440	\$4,732,574,018	\$7,801,020,584	0.5%	64.8%
26	Ores, Slag, Ash	\$3,502,883,268	\$5,559,502,959	\$7,654,696,268	0.5%	37.7%
95	Toys & Sports Equipment	\$6,970,074,097	\$6,926,458,193	\$7,172,819,008	0.5%	3.6%
97	Art & Antiques	\$6,509,599,635	\$6,453,028,389	\$7,037,163,369	0.5%	9.1%
34	Soap, Waxes, etc; Dental Preps	\$5,004,100,285	\$5,862,156,416	\$6,465,248,798	0.4%	10.3%
21	Misc. Edible Preparations	\$5,006,669,178	\$5,537,140,551	\$6,308,094,315	0.4%	13.9%
31	Fertilizers	\$4,111,028,092	\$4,673,026,614	\$6,227,270,536	0.4%	33.3%
49	Book & Newspaper; Manuscript	\$5,474,766,605	\$5,756,145,046	\$5,744,952,091	0.4%	-0.2%
82	Tools/Cutlry Of Base Metals	\$3,730,106,864	\$4,708,553,590	\$5,367,882,947	0.4%	14.0%
70	Glass & Glassware	\$4,153,832,030	\$4,996,319,010	\$5,325,141,870	0.4%	6.6%
03	Fish & Seafood	\$3,528,418,002	\$4,027,455,973	\$5,068,109,429	0.3%	25.8%
15	Animal/Vegetable Fats & Oils	\$3,513,582,815	\$4,648,355,434	\$4,977,198,691	0.3%	7.1%
20	Preparations of Vege.,Fruit,Nuts	\$3,498,721,820	\$3,778,616,150	\$4,406,280,852	0.3%	16.6%
83	Misc. Articles Of Base Metal	\$3,205,250,266	\$3,748,303,665	\$4,124,749,119	0.3%	10.0%
04	Dairy, Eggs, Honey, etc	\$1,945,143,268	\$3,224,403,298	\$4,112,403,317	0.3%	27.5%
07	Edible Vegetables	\$3,401,341,007	\$3,784,765,829	\$3,941,867,825	0.3%	4.2%
93	Arms & Ammunition	\$3,429,803,616	\$3,973,875,378	\$3,812,180,941	0.3%	-4.1%
19	Baking Related Products	\$2,853,387,046	\$3,087,262,737	\$3,487,658,147	0.2%	13.0%
41	Hides & Skins	\$1,862,286,898	\$2,904,758,655	\$3,326,049,088	0.2%	14.5%

**U.S. Exports by Product  
Ranked by 2011 Value (continued)**



HS Code	Description	2009	2010	2011	% Share 2011	% Change 10 to 11
86	Railway;Traffic Signal Equip.	\$2,213,007,772	\$2,490,510,959	\$3,185,453,844	0.2%	27.9%
68	Stone, Plaster, Cement, etc	\$2,161,914,921	\$2,828,453,893	\$3,155,699,746	0.2%	11.6%
35	Albumins; Modified Starch; Glue	\$2,234,715,178	\$2,710,027,912	\$2,966,813,166	0.2%	9.5%
37	Photo./ Cinematographic Goods	\$2,781,125,346	\$2,832,754,293	\$2,751,363,573	0.2%	-2.9%
55	Manmade Staple Fibers	\$1,856,059,875	\$2,256,678,701	\$2,677,735,208	0.2%	18.7%
81	Other Base Metals, etc	\$1,777,377,391	\$2,046,149,141	\$2,607,578,769	0.2%	27.4%
89	Ships & Boats	\$2,051,335,194	\$2,628,551,652	\$2,533,124,378	0.2%	-3.6%
25	Salt; Sulfur; Earth, Stone	\$1,625,584,699	\$2,264,833,022	\$2,493,642,343	0.2%	10.1%
61	Knit Apparel	\$1,954,939,940	\$2,168,950,454	\$2,331,186,122	0.2%	7.5%
56	Wadding, Felt, Twine, Rope	\$1,698,422,893	\$2,098,358,514	\$2,249,278,997	0.2%	7.2%
75	Nickel & Articles Thereof	\$1,343,527,191	\$1,701,253,817	\$2,224,223,438	0.2%	30.7%
17	Sugars/Sugar Confectionary	\$1,202,837,213	\$1,740,680,133	\$2,157,429,242	0.1%	23.9%
62	Woven Apparel	\$1,550,221,847	\$1,821,453,980	\$2,116,609,683	0.1%	16.2%
59	Impregnated Textile Fabrics	\$1,324,443,434	\$1,744,290,900	\$1,906,999,547	0.1%	9.3%
63	Misc. Textile Articles	\$1,493,292,584	\$1,651,547,676	\$1,884,316,140	0.1%	14.1%
16	Prepared Meat, Fish, etc	\$1,517,099,598	\$1,658,393,168	\$1,855,757,326	0.1%	11.9%
69	Ceramic Products	\$1,189,712,109	\$1,523,436,931	\$1,731,204,526	0.1%	13.6%
24	Tobacco	\$1,695,694,839	\$1,670,686,700	\$1,694,642,182	0.1%	1.4%
54	Manmade Filament, Fabric	\$1,191,712,243	\$1,571,022,625	\$1,691,029,448	0.1%	7.6%
18	Cocoa/Cocoa Preparations	\$1,160,947,133	\$1,384,611,870	\$1,591,796,460	0.1%	15.0%
42	Leather Articles; Saddlry; Bags	\$1,132,088,847	\$1,214,240,729	\$1,356,600,366	0.1%	11.7%
96	Misc. Manufactured Articles	\$1,163,803,720	\$1,290,176,133	\$1,321,443,761	0.1%	2.4%
64	Footwear	\$944,783,077	\$1,105,462,048	\$1,287,505,545	0.1%	16.5%
09	Coffee, Tea & Spices	\$740,628,801	\$888,271,757	\$1,224,679,984	0.1%	37.9%
91	Clocks/Watches & Parts	\$780,431,725	\$918,032,276	\$1,128,587,637	0.1%	22.9%
57	Textile Floor Coverings	\$857,466,466	\$1,005,916,425	\$1,074,490,286	0.1%	6.8%
60	Knit, Crocheted Fabrics	\$909,207,059	\$1,062,315,067	\$1,057,985,041	0.1%	-0.4%
01	Live Animals	\$796,487,078	\$815,985,469	\$1,035,416,816	0.1%	26.9%
11	Milling Prod.; Malt, Starch	\$909,330,918	\$830,848,632	\$886,536,312	0.1%	6.7%
05	Other Products Of Animal Origin	\$691,587,307	\$741,757,854	\$841,417,281	0.1%	13.4%
92	Musical Instruments & Parts	\$688,480,401	\$707,331,480	\$812,654,551	0.1%	14.9%
36	Explosives; Pyrotechnics	\$637,126,820	\$803,019,414	\$805,036,443	0.1%	0.3%
13	Lac; Gums, Resins,Vegetable Sa	\$514,164,441	\$566,347,107	\$599,210,811	0.0%	5.8%
58	Special Woven Fabric, etc	\$474,283,061	\$526,536,185	\$508,636,685	0.0%	-3.4%
06	Live Trees & Plants	\$405,492,930	\$416,051,747	\$421,919,820	0.0%	1.4%
43	Furskin & Artificial Fur	\$207,308,161	\$289,202,662	\$420,755,119	0.0%	45.5%
79	Zinc & Articles Thereof	\$186,539,867	\$291,723,669	\$323,320,792	0.0%	10.8%
80	Tin & Articles Thereof	\$129,003,438	\$222,208,487	\$243,444,568	0.0%	9.6%
65	Headgear	\$180,453,216	\$200,539,407	\$230,310,650	0.0%	14.8%
78	Lead & Articles Thereof	\$243,199,556	\$185,766,629	\$182,326,336	0.0%	-1.9%
67	Artificial Flowers, Feathers	\$81,538,898	\$87,968,921	\$101,890,592	0.0%	15.8%
14	Other Vegetable Materials	\$60,667,212	\$168,385,492	\$97,797,767	0.0%	-41.9%
51	Animal Hair & Yarn, Fabric	\$83,499,889	\$87,654,739	\$82,841,005	0.0%	-5.5%
45	Cork & Articles of Cork	\$40,283,789	\$37,805,961	\$35,979,786	0.0%	-4.8%
66	Umbrella, Walking Sticks, etc	\$18,849,451	\$22,538,513	\$30,159,865	0.0%	33.8%
50	Silk; Silk Yarn, Fabric	\$25,626,522	\$26,352,446	\$23,594,996	0.0%	-10.5%
46	Manufactures of Straw, Esparto	\$27,694,889	\$23,037,582	\$21,049,222	0.0%	-8.6%
53	Other Vegetable Textile Fiber	\$21,268,490	\$23,550,807	\$19,184,738	0.0%	-18.5%

## **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> .

# Ohio Exports by NAICS



NAICS Code	Description	2007 Exports	2008 Exports	2009 Exports	2010 Exports	2011 Exports	% Change 10 to 11
	<b>Total</b>	<b>\$42,562,233,016</b>	<b>\$45,627,982,845</b>	<b>\$34,104,484,238</b>	<b>\$41,493,512,722</b>	<b>\$46,407,887,826</b>	<b>11.8%</b>
336	Transportation Equipment	\$15,584,265,108	\$15,725,501,664	\$9,867,191,746	\$12,743,309,056	\$13,909,760,085	9.2%
325	Chemicals	\$4,642,305,520	\$5,189,110,120	\$4,445,025,156	\$5,462,012,086	\$6,491,280,979	18.8%
333	Machinery, Except Electrical	\$5,591,074,648	\$6,116,094,912	\$4,944,811,447	\$5,649,056,249	\$6,316,019,895	11.8%
334	Computer & Electronic Products	\$2,869,343,430	\$3,073,992,232	\$2,366,869,989	\$2,720,223,921	\$3,086,190,780	13.5%
331	Primary Metal Manufacturing	\$2,299,477,973	\$2,736,709,409	\$1,695,841,065	\$2,375,408,133	\$2,732,065,436	15.0%
332	Fabricated Metal Products, Nesoi	\$2,523,512,506	\$2,739,097,688	\$2,187,107,218	\$2,481,051,787	\$2,702,239,629	8.9%
326	Plastics & Rubber Products	\$1,409,515,989	\$1,591,487,204	\$1,376,713,948	\$1,679,337,722	\$1,989,387,681	18.5%
335	Electrical Equipment, Appliances, & Component	\$1,717,169,416	\$1,795,706,923	\$1,597,784,021	\$1,887,575,924	\$1,903,806,439	0.9%
322	Paper	\$807,767,710	\$905,463,646	\$886,818,379	\$982,751,158	\$1,013,536,638	3.1%
311	Food & Kindred Products	\$671,254,271	\$801,887,883	\$770,320,947	\$827,139,707	\$922,394,445	11.5%
327	Nonmetallic Mineral Products	\$815,523,957	\$785,804,054	\$549,809,662	\$816,016,200	\$789,973,133	-3.2%
339	Miscellaneous Manufactured Commodities	\$763,894,368	\$800,498,948	\$615,802,033	\$715,784,681	\$771,247,501	7.7%
111	Agricultural Products	\$454,804,206	\$377,215,172	\$444,532,378	\$476,415,081	\$671,806,264	41.0%
910	Waste & Scrap	\$381,772,413	\$532,863,688	\$397,111,315	\$402,203,512	\$545,205,635	35.6%
212	Minerals And Ores	\$226,935,931	\$444,644,052	\$406,538,486	\$432,005,920	\$428,145,250	-0.9%
990	Special Classification Provisions, Nesoi	\$322,906,044	\$356,410,953	\$403,136,603	\$381,805,019	\$397,607,629	4.1%
324	Petroleum & Coal Products	\$390,693,170	\$456,914,640	\$208,231,343	\$293,373,570	\$393,734,171	34.2%
337	Furniture & Fixtures	\$207,967,076	\$213,532,980	\$212,470,048	\$220,983,764	\$209,953,018	-5.0%
321	Wood Products	\$204,596,693	\$201,327,498	\$150,317,607	\$185,219,388	\$206,245,892	11.4%
323	Printing, Publishing & Similar Products	\$169,285,559	\$165,453,868	\$141,476,189	\$145,917,917	\$151,614,468	3.9%
315	Apparel & Accessories	\$74,018,068	\$83,863,435	\$69,428,102	\$85,373,035	\$136,181,558	59.5%
313	Textiles & Fabrics	\$149,090,401	\$151,416,611	\$95,002,279	\$136,875,566	\$129,622,101	-5.3%
112	Livestock & Livestock Products	\$32,889,823	\$43,501,382	\$46,166,759	\$55,860,227	\$105,769,160	89.3%
113	Forestry Products, Nesoi	\$65,823,188	\$65,578,878	\$49,567,495	\$81,993,098	\$90,751,827	10.7%
312	Beverages & Tobacco Products	\$10,548,799	\$12,409,613	\$18,748,474	\$54,686,467	\$79,208,412	44.8%
314	Textile Mill Products	\$69,806,430	\$77,875,391	\$75,201,908	\$72,592,199	\$75,910,091	4.6%
316	Leather & Allied Products	\$34,638,108	\$34,361,510	\$36,142,679	\$57,923,644	\$73,983,979	27.7%
920	Used Or Second-Hand Merchandise	\$29,200,803	\$30,918,829	\$23,406,693	\$26,863,774	\$44,198,168	64.5%
980	Goods Returned To Canada (Exports Only); U.S. Good	\$22,020,431	\$103,186,683	\$15,467,680	\$33,679,715	\$29,447,762	-12.6%
114	Fish, Fresh, Chilled, Or Frozen & Other Marine Products	\$3,644,336	\$2,136,569	\$2,458,410	\$2,876,850	\$4,527,620	57.4%
511	Prepackaged Software	\$12,329,896	\$9,834,585	\$2,385,363	\$3,392,764	\$3,765,683	11.0%
211	Oil And Gas	\$4,156,745	\$3,181,825	\$2,598,816	\$3,804,588	\$2,306,497	-39.4%