



OHIO EXPORTS 2001

Origin of Movement Series

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Executive Summary

Ohio merchandise exports had a total dollar value of \$27.1 billion in 2001, up 2.9 percent from 2000. By comparison, the United States as a whole experienced a 6.3 percent decline in exports from 2000. Only three other states had a larger dollar value increase in export shipments.

According to this report, in 2001:

- Ohio was the Eighth largest exporting state.
- 194 countries and territories received exports from Ohio.
- 5 countries received \$1 billion or more in Ohio exports.
- 30 of the 97 commodity groups recorded exports exceeding \$100 million.

Leading Destinations:

- Shipments to Canada were \$13.8 billion—51 percent of the state export total. By comparison, U.S. exports to Canada were 22 percent of the national total.
- Exports to Mexico—Ohio's second largest market—experienced moderate growth, increasing 8 percent compared to 2000 and now total \$2.1 billion. U.S. exports to Mexico declined 9.1 percent.
- European nations purchased one-fifth of Ohio's export shipments. The three largest markets were France (\$1.4 billion), the United Kingdom (\$1.3 billion), and Germany (\$.8 billion). Total shipments to Europe were up 13 percent compared to 2000.
- Asian nations imported 13 percent of Ohio's exports. Japan was Ohio's fourth largest market in 2001. Exports to China increased 54 percent compared to 2000, making China Ohio's 8th largest market.
- Exports to South America accounted for 2.8 percent of the 2001 state total. Shipments have followed a roller coaster ride increasing sharply from 1996 to 1997; declining 35 percent from 1997 to 1999 and then increasing 29 percent from 1999 to 2001.

Top Products:

- Machinery was Ohio's leading export. Ohio ranks third among the 50 states in this category with 6 percent of the U.S. total.
- Three products combined—machinery, motor vehicles, and electrical machinery—accounted for more than \$16 billion in exports—about three-fifths of the state total.
- Machinery exports grew about 11 percent compared to 2000; motor vehicle exports increased 3 percent, while electrical equipment declined 11 percent.



Ohio's Standing

As a "state of origin of movement" Ohio ranked 8th among the 50 states in total export shipments in 2001. The "origin of movement" data series attempts to identify the state where a product began its journey as an export. This state is not always the same as the state of production. The latest statistics indicate that Ohio actually ranks second in manufacturing jobs tied to the production of goods for export. (Visit <http://www.ita.doc.gov/td/industry/otea/jobs.html> for a full report). However, production statistics are not as current, nor are they as detailed as "origin of movement" estimates. Since Ohio is not a coastal state and since many products are first identified as an export at a coastal distribution facility, the rankings and shipment values for most commodities in this report are likely to err on the conservative side.

Countries

Canada: Ohio ranks second among the states in exports to Canada, behind Michigan—a reasonable assessment of Ohio's standing. Key products include motor vehicle parts and assembled motor vehicles. Ohio's factories shipped \$1.5 billion in motor vehicle engines and engine parts to Canada in 2001, compared to \$.6 billion in 1996.

Mexico: Ohio ranks sixth in exports to Mexico, compared to tenth in 1996. Exports from Ohio to Mexico grew 112 percent from 1997 to 2001, compared to 42 percent for the nation. Motor vehicle parts, assembled vehicles, and tires have fueled this growth.

France: Ohio is a leading manufacturer and exporter of jet engines and France is the leading export destination. Ohio ranked third in exports to France in 2001. (Ohio's position would be even stronger if credited with jet engines made in Ohio but shipped from warehouses in Kentucky.)

Commodities

Washing machines: Clyde (Whirlpool) is the site of the largest washing machine factory in the world, and Ohio—not surprisingly—ranks first in this export category with more than \$125 million in export shipments. Iowa (Maytag) ranks second.

Roller bearings: Ohio, home to Timken, dominates this category with \$203 million in export shipments—second place Connecticut shipped \$85 million.

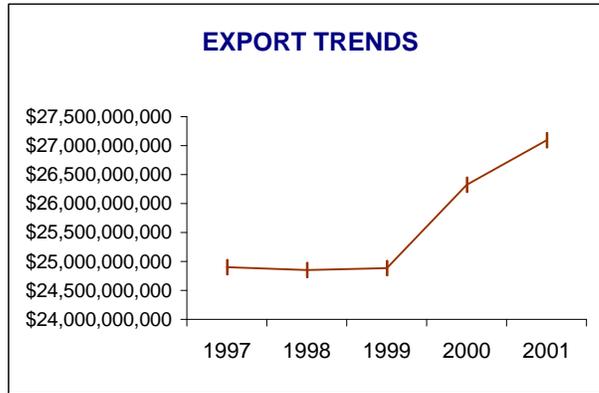
Paint & Varnish: Ohio leads the nation in paint exports. Year 2001 shipments totaled \$127 million. Sherwin Williams, PPG, Glidden, and RPM are major Ohio producers.

Tires: Ohio is no longer foremost in domestic tire production as it was forty years ago, but ranks second to South Carolina in tire exports.

Ohio ranks first or second in: ATM machines (technically called banknote dispensers); ceramic pigments; organic cleaners; steel tube and pipe fittings; rubber tubes, pipes, and hoses; cleaning machinery; safety glass; air conditioning units; glues and adhesives; plastic making machinery, motorcycles; and auto engines.



OHIO EXPORTS



HS Code	Description	1997 Exports	1998 Exports	1999 Exports	2000 Exports	2001 Exports	% Change 00-01
TOTAL		\$24,903,326,771	\$24,851,740,063	\$24,883,241,492	\$26,322,241,431	\$27,094,733,991	2.9%
84	Machinery	\$6,977,339,344	\$7,061,092,999	\$7,115,150,546	\$7,603,105,736	\$8,447,231,810	11.1%
87	Vehicles/ Not Railway	\$6,454,431,605	\$6,293,333,588	\$5,805,299,053	\$5,705,907,220	\$5,893,438,812	3.3%
85	Electrical Machinery	\$1,751,169,895	\$1,815,090,072	\$1,823,190,764	\$1,961,368,238	\$1,739,506,953	-11.3%
39	Plastic	\$848,758,472	\$916,839,195	\$942,135,223	\$1,023,406,978	\$1,003,307,965	-2.0%
90	Optic/Medical Inst	\$822,347,815	\$892,576,192	\$796,368,130	\$894,618,127	\$921,208,431	3.0%
73	Iron/Steel Product	\$502,848,150	\$689,711,880	\$729,011,237	\$837,678,698	\$806,046,457	-3.8%
40	Rubber	\$815,986,017	\$803,523,978	\$716,481,801	\$777,432,819	\$771,504,497	-0.8%
72	Iron And Steel	\$385,108,434	\$391,410,368	\$448,830,794	\$571,924,751	\$537,126,003	-6.1%
48	Paper/Paperboard	\$243,886,633	\$288,128,680	\$406,599,595	\$450,077,297	\$452,744,997	0.6%
38	Misc. Chemical	\$447,743,347	\$404,827,214	\$413,446,552	\$409,732,322	\$406,952,556	-0.7%
70	Glass & Glasswares	\$370,976,959	\$311,041,793	\$322,494,641	\$389,751,246	\$406,744,339	4.4%
88	Aircraft/Spacecraft	\$205,449,638	\$255,066,430	\$348,976,786	\$333,232,590	\$383,788,809	15.2%
32	Tanning/Dye/Paint	\$301,510,981	\$281,143,327	\$306,490,333	\$405,705,261	\$380,164,321	-6.3%
28	Inorg Chem;Rare	\$598,088,426	\$391,329,565	\$378,738,020	\$327,940,989	\$352,906,040	7.6%
98	Special Other	\$300,316,854	\$239,188,408	\$242,999,084	\$271,181,705	\$307,496,892	13.4%
83	Misc Art Of Base Metals	\$246,408,271	\$243,942,316	\$268,609,406	\$287,756,074	\$304,814,546	5.9%
29	Organic Chemical	\$411,754,412	\$295,671,159	\$311,819,204	\$267,265,518	\$292,872,456	9.6%
94	Furniture & Bedding	\$208,597,728	\$211,991,142	\$220,217,739	\$270,946,431	\$284,496,775	5.0%
82	Tool/Cutlery	\$232,260,757	\$225,880,945	\$206,017,563	\$248,226,192	\$255,834,102	3.1%
34	Soap/Wax/Dental	\$151,663,582	\$167,210,612	\$211,259,884	\$241,819,213	\$249,361,869	3.1%



OHIO EXPORT SALES TO SELECTED DESTINATIONS

Country	1997	1998	1999	2000	2001	% Share 2001	% Change 2000-2001
NAFTA Countries	\$13,494,157,942	\$14,238,786,083	\$15,065,839,202	\$16,050,344,525	\$15,951,464,952	58.9%	-0.6%
Canada	\$12,499,797,875	\$12,868,509,637	\$13,692,034,369	\$14,091,727,132	\$13,842,935,824	51.1%	-1.8%
Mexico	\$994,360,067	\$1,370,276,446	\$1,373,804,833	\$1,958,617,393	\$2,108,529,128	7.8%	7.7%
Central America & West Indies	\$187,670,503	\$205,737,107	\$158,097,923	\$178,578,540	\$210,398,318	0.8%	17.8%
South America	\$912,645,673	\$834,317,639	\$585,708,390	\$711,674,636	\$754,592,535	2.8%	6.0%
Brazil	\$345,339,742	\$338,093,522	\$251,828,052	\$321,224,778	\$370,901,071	1.4%	15.5%
Venezuela	\$130,246,008	\$91,489,144	\$73,299,213	\$85,643,058	\$108,722,527	0.4%	26.9%
Argentina	\$142,762,129	\$141,719,103	\$96,689,108	\$146,453,022	\$100,635,489	0.4%	-31.3%
Colombia	\$111,204,279	\$107,765,554	\$49,588,520	\$53,933,405	\$63,166,586	0.2%	17.1%
Chile	\$119,918,382	\$94,553,327	\$71,118,497	\$65,093,265	\$59,579,503	0.2%	-8.5%
Ecuador	\$17,718,010	\$16,153,325	\$12,076,170	\$11,366,287	\$21,214,436	0.1%	86.6%
Peru	\$30,531,507	\$28,489,446	\$22,774,357	\$17,053,212	\$17,950,277	0.1%	5.3%
Other South America	\$14,925,616	\$16,054,218	\$8,334,473	\$10,907,609	\$12,422,646	0.0%	13.9%
Europe	\$4,795,723,185	\$5,143,522,428	\$5,004,300,457	\$5,021,519,380	\$5,658,325,819	20.9%	12.7%
France	\$1,354,817,469	\$1,493,478,642	\$1,393,298,115	\$1,198,982,928	\$1,448,486,062	5.3%	20.8%
United Kingdom	\$940,378,794	\$938,299,634	\$1,031,877,405	\$1,066,158,532	\$1,284,253,668	4.7%	20.5%
Germany	\$631,603,578	\$727,384,906	\$687,546,186	\$702,525,493	\$758,685,323	2.8%	8.0%
Netherlands	\$366,177,033	\$396,653,863	\$352,433,215	\$450,274,109	\$474,919,816	1.8%	5.5%
Belgium	\$340,190,916	\$317,303,981	\$311,827,091	\$339,864,842	\$389,705,542	1.4%	14.7%
Italy	\$234,491,120	\$270,973,447	\$252,280,789	\$227,476,277	\$286,112,472	1.1%	25.8%
Ireland	\$137,306,903	\$177,430,106	\$169,987,606	\$176,274,181	\$173,319,042	0.6%	-1.7%
Spain	\$98,682,774	\$112,375,845	\$113,749,979	\$149,793,787	\$146,399,062	0.5%	-2.3%
Switzerland	\$91,799,391	\$106,891,440	\$117,002,663	\$149,896,402	\$129,389,759	0.5%	-13.7%
Sweden	\$83,711,002	\$141,610,210	\$126,881,100	\$84,906,528	\$97,073,101	0.4%	14.3%
Turkey	\$139,340,205	\$81,451,921	\$102,479,459	\$91,069,086	\$70,298,412	0.3%	-22.8%
Other Europe	\$377,224,000	\$379,668,433	\$344,936,849	\$384,297,215	\$399,683,560	1.5%	4.0%
Asia	\$4,315,261,149	\$3,095,620,329	\$2,998,092,704	\$3,327,568,821	\$3,447,249,314	12.7%	3.6%
Japan	\$1,939,946,677	\$1,358,459,836	\$1,329,959,024	\$1,412,139,104	\$1,389,018,062	5.1%	-1.6%
China	\$238,353,457	\$230,865,446	\$244,756,283	\$292,154,664	\$449,613,992	1.7%	53.9%
Korean Republic	\$617,156,022	\$345,752,880	\$391,484,855	\$384,537,037	\$409,166,211	1.5%	6.4%
Singapore	\$244,084,048	\$213,226,167	\$212,799,625	\$243,942,913	\$257,927,861	1.0%	5.7%
Hong Kong	\$234,349,988	\$199,184,023	\$189,537,107	\$207,480,198	\$216,292,595	0.8%	4.2%
Taiwan	\$287,637,643	\$261,823,252	\$200,449,743	\$223,447,811	\$198,594,939	0.7%	-11.1%
Thailand	\$129,235,021	\$115,380,010	\$103,091,321	\$128,063,069	\$153,010,491	0.6%	19.5%
Malaysia	\$209,305,750	\$119,112,242	\$126,380,949	\$165,378,819	\$123,756,157	0.5%	-25.2%
India	\$162,376,611	\$86,039,722	\$65,737,316	\$82,056,437	\$105,595,547	0.4%	28.7%
Other Asia	\$252,815,932	\$165,776,751	\$133,896,481	\$188,368,769	\$144,273,459	0.5%	-23.4%
Africa	\$208,837,988	\$220,852,231	\$179,614,436	\$169,807,591	\$159,354,062	0.6%	-6.2%
South Africa Rep of	\$102,359,483	\$130,082,138	\$93,952,778	\$93,921,695	\$78,196,142	0.3%	-16.7%
Egypt	\$61,026,919	\$45,808,023	\$49,571,684	\$32,901,832	\$32,033,733	0.1%	-2.6%
Morocco	\$15,462,955	\$8,165,927	\$4,457,626	\$4,287,866	\$10,976,856	0.0%	156.0%
Other Africa	\$29,988,631	\$36,796,143	\$31,632,348	\$38,696,198	\$38,147,331	0.1%	-1.4%
Middle East	\$399,822,798	\$488,874,077	\$379,403,484	\$319,009,003	\$390,479,613	1.4%	22.4%
Australia	\$378,111,359	\$414,417,501	\$323,439,210	\$355,200,424	\$349,416,619	1.3%	-1.6%
World	\$24,903,326,771	\$24,851,740,063	\$24,883,241,492	\$26,322,241,431	\$27,094,733,991	100.0%	2.9%



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

