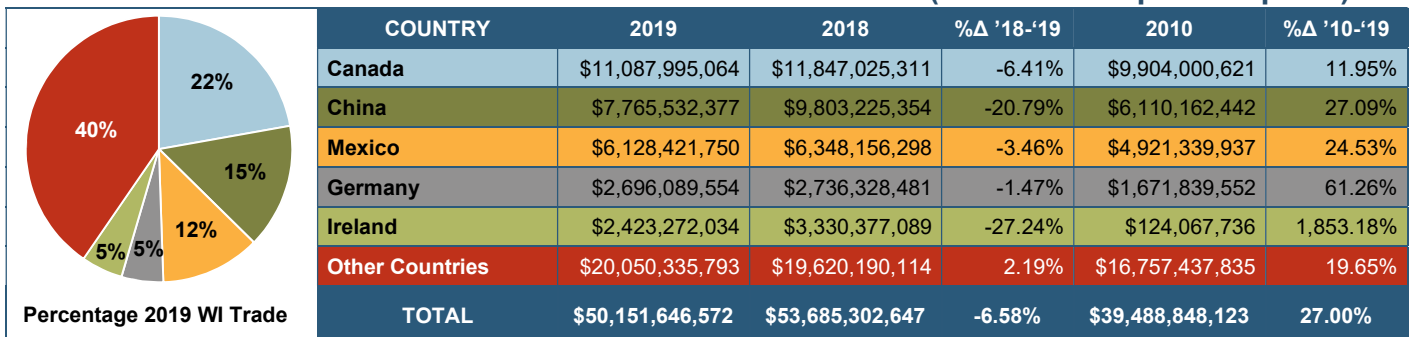




2019 HIGHLIGHTS

- Increased tariffs and retaliatory trade actions have had an impact on trade patterns, as importers seek new sources of supply and exporters target new markets to replace or supplement existing ones.
- Wisconsin firms exported \$21.7 billion worth of products to 202 countries and customs territories around the world in 2019. That was 4.63% less than in 2018, a decrease of more than \$1 billion. Exports for the U.S. as a whole declined by 1.25% in 2019. Wisconsin is ranked 22nd among the 50 states in both exports and imports.
- 46.3% of Wisconsin's exports went to Canada (\$6.7 billion) and Mexico (\$3.3 billion). The value of Wisconsin products that went to those two countries in 2019 was \$465 million lower than in 2018, a decrease of 4.43%.
- Even with the decrease, Canada remained Wisconsin's top export destination and purchased more from Wisconsin than the next four countries combined. Wisconsin exports to Canada declined by 4.15% and imports from Canada declined by 8.01%. However, industrial machinery exports to Canada grew by 0.48%.
- Mexico as the #2 destination for Wisconsin exports. Wisconsin shipped \$175 million less in aircraft and aviation equipment exports to Mexico in 2019 than in 2018, while other vehicles and transportation equipment increased by \$45.7 million, or 3.24%. Wisconsin's imports from Mexico were down by 1.62%, but imports of electrical equipment, the largest category imported from Mexico, were down by 11.66%.
- China is Wisconsin's #3 export destination and #1 import source. Wisconsin's exports to China declined by 16.18%. 12 states saw a greater decrease than Wisconsin did in sales to China. Total U.S. exports to China decreased by 11.25% in 2019. Wisconsin's imports from China were down by 21.71%.
- Industrial machinery continues to be Wisconsin's top export product category. The overall category was down by 2.09%, but transmission shafts, bearings and gears, the largest subcategory, grew by 11.0%.
- Agricultural exports declined by 4.88%, or \$170.8 million. Exports of prepared vegetables, fruits and nuts grew by 1.97% to become the #1 agricultural subcategory. Exports of dairy products declined by 15.58%. Dairy shipments to Canada and Saudi Arabia grew by \$4.8 million and \$4.2 million respectively, while exports to China in the category were down by \$22.1 million and to Mexico down \$38.9 million.
- In 2019 Wisconsin imported \$28.5 billion, 8.01% less than in 2018. U.S. imports declined by 1.67%.

WISCONSIN'S TOP TRADE PARTNERS: 2019 (combined imports/exports)



WISCONSIN'S TOP EXPORT DESTINATIONS: 2019

COUNTRY	2019		2018	%Δ '18-'19	2010	%Δ '10-'19
	Value	Percentage	Value		Value	
Canada	\$6,747,411,380	31%	\$7,039,297,275	-4.15%	\$6,053,497,321	11.46%
Mexico	\$3,282,375,756	15%	\$3,455,274,449	-5.00%	\$2,011,582,051	63.17%
China	\$1,369,191,215	6%	\$1,633,429,195	-16.18%	\$1,333,419,496	2.68%
United Kingdom	\$804,498,171	4%	\$792,050,427	1.57%	\$615,650,263	30.67%
Germany	\$760,674,332	4%	\$813,573,125	-6.50%	\$747,306,180	1.79%
Other Countries	\$8,704,954,402	40%	\$8,987,690,502	-3.15%	\$9,038,792,384	-3.69%
TOTAL	\$21,669,105,256		\$22,721,314,973	-4.63%	\$19,800,247,695	9.44%

WISCONSIN'S TOP EXPORT PRODUCTS: 2019

COUNTRY	2019		2018	%Δ '18-'19	2010	%Δ '10-'19
	Value	Percentage	Value		Value	
Industrial Machinery	\$5,619,610,364	26%	\$5,739,827,349	-2.09%	\$6,357,029,613	-11.60%
Electrical Machinery	\$2,399,053,895	11%	\$2,572,838,912	-6.75%	\$2,263,352,081	6.00%
Medical/Sci. Equip.	\$2,049,078,331	9%	\$2,156,077,080	-4.96%	\$2,175,244,105	-5.80%
Vehicles	\$1,456,219,291	7%	\$1,410,474,894	3.24%	\$1,090,914,548	33.49%
Plastics	\$1,147,140,253	5%	\$1,147,295,400	-0.01%	\$749,588,590	53.04%
Other Products	\$8,998,003,122	42%	\$9,694,801,338	-7.19%	\$7,164,118,758	25.60%
TOTAL	\$21,669,105,256		\$22,721,314,973	-4.63%	\$19,800,247,695	9.44%

WISCONSIN'S TOP IMPORT SOURCES: 2019

COUNTRY	2019		2018	%Δ '18-'19	2010	%Δ '10-'19
	Value	Percentage	Value		Value	
China	\$6,396,341,162	22%	\$8,169,796,159	-21.71%	\$4,776,742,946	33.91%
Canada	\$4,340,583,684	15%	\$4,807,728,036	-9.72%	\$3,850,503,300	12.73%
Mexico	\$2,846,045,994	10%	\$2,892,881,849	-1.62%	\$2,909,757,886	-2.19%
Ireland	\$2,332,796,328	8%	\$3,248,677,432	-28.19%	\$52,864,660	4312.77%
Germany	\$1,935,415,222	7%	\$1,922,755,356	0.66%	\$924,533,372	109.34%
Other Countries	\$10,631,358,926	37%	\$9,922,148,842	7.15%	\$7,174,198,264	48.19%
TOTAL	\$28,482,541,316		\$30,963,987,674	-8.01%	\$19,688,600,428	44.67%

WISCONSIN'S TOP IMPORT PRODUCTS: 2019

COUNTRY	2019		2018	%Δ '18-'19	2010	%Δ '10-'19
	Value	Percentage	Value		Value	
Industrial Machinery	\$5,521,047,610	19%	\$6,126,483,714	-9.88%	\$3,148,035,295	75.38%
Electrical Machinery	\$3,280,703,932	12%	\$3,531,553,313	-7.10%	\$2,670,149,125	22.87%
Pharmaceuticals	\$3,206,454,518	11%	\$4,114,123,125	-22.06%	\$384,213,002	734.55%
Medical/Sci. Equip.	\$2,334,831,871	8%	\$2,195,577,089	6.34%	\$1,289,178,743	81.11%
Vehicles	\$1,350,790,647	5%	\$1,160,318,221	16.42%	\$978,943,081	37.98%
Other Products	\$12,788,712,738	45%	\$13,835,932,212	-7.57%	\$11,218,081,182	14.00%
TOTAL	\$28,482,541,316		\$30,963,987,674	-8.01%	\$19,688,600,428	44.67%



WISCONSIN EXPORTS BY COUNTRY

- **Canada** remains Wisconsin's largest export destination. Almost one-third of Wisconsin's exports go to the U.S.' northern neighbor.
 - Industrial machinery is the largest product category shipped from Wisconsin to Canada. It accounts for 21.86% of exports to Canada and grew by 0.48% in 2019. Within this category, Canadian imports of automatic data processing machines from Wisconsin increased by 99.61%, or \$39.7 million.
 - Canadian imports of Wisconsin natural sand products decreased by 24.47%, or \$63.2 million, in 2019.
 - Vehicle exports to Canada declined 10.91%, while special purpose motor vehicle exports to Canada grew 23.93% to a dollar value of \$72.9 million. Firefighting vehicles was the fastest-growing special purpose vehicle subcategory, increasing by 72.75% in 2019.
 - Exports of electrical machinery to Canada were flat, but exports of electric generating sets and rotary converters grew 24.55% to \$149.8 million.
- Exports to **Mexico** declined by 5.0%, or \$172.9 million, in 2019, but the country remains Wisconsin's #2 export destination.
 - Industrial machinery is the top product category shipped from Wisconsin to Mexico. This category declined by 7.86% to \$770.0 million, but the subcategory of taps, cocks, and valves (including faucets) grew by 51.75% to \$70.3 million.
 - Vehicle products shipped to Mexico increased by 26.31%, or \$92.4 million, in 2019.
 - Exports of Wisconsin aircraft and parts increased by 268.99%, or \$52.3 million.
 - Among categories of exports to Mexico, electrical machinery saw the greatest dollar-value decline in 2019, at \$145.1 million. Battery waste and scrap accounted for \$108.6 million of this decline.
- Total Wisconsin exports to **China** were down by 16.18% in 2019. The combined product categories that were hit with increased tariffs from China as of September 1, 2019, saw an even greater decrease of 26.69%, but not every product was affected to the same extent, and some even saw increases in purchases from China.
 - Whole hides and skins exports (HS 410150) declined by 33.21%.
 - Ginseng roots, fresh or dried (HS121120) declined by 20.88.
 - Nonconiferous wood, sawn or chipped (HS440799) declined by 37.91%.
 - On the positive side, prepared or preserved cranberries (HS200893) increased by 37.25% and polyurethanes in primary forms (HS 390950) grew by 14.60%.
- When exports to all 28 members of the **European Union** are combined, the trading bloc would be Wisconsin's second-largest export market, accounting for \$4.1 billion in 2019. That is 3.17% less than what was shipped there in 2018.
 - Wisconsin exports to the **United Kingdom** grew 1.57% in 2018, while exports to **Germany** declined by 6.50%. This was enough for the United Kingdom to move ahead of Germany and become the leading EU destination and #4 overall export destination.
 - Industrial machinery accounts for just over 25% of Wisconsin's exports to the United Kingdom. The category saw a 1.61% decline from 2018. Aircraft and aviation equipment exports to the United Kingdom grew by 102.41%, accounting for just under 25% of Wisconsin's exports there.
- Wisconsin's exports of industrial machinery to **Germany** declined by 3.09% to \$158.5 million, but medical and scientific instruments were up by 4.22% to \$118.1 million, and miscellaneous chemicals grew by 3.41% to \$76.2 million. Transportation machinery grew by just under \$15 million, or 48.55%, to \$45.8 million, while aircraft and aviation equipment declined by \$71.1 million, or 61.33%, to \$4.8 million.
- Exports to both the **Netherlands and Belgium**, both of which are major distribution hubs trans-shipping large quantities to other parts of Europe, saw increases—the Netherlands by 1.02% and Belgium by 6.17%.



TOP DESTINATIONS FOR WISCONSIN EXPORTS

2019 RANK	COUNTRY	EXPORT VALUE			% CHANGE		2010 RANK
		2019	2018	2010	2018-2019	2010-2019	
1	Canada	\$6,747,411,380	\$7,039,297,275	\$6,053,497,321	-4.15%	11.46%	1
2	Mexico	\$3,282,375,756	\$3,455,274,449	\$2,011,582,051	-5.00%	63.17%	2
3	China	\$1,369,191,215	\$1,633,429,195	\$1,333,419,496	-16.18%	2.68%	3
4	United Kingdom	\$804,498,171	\$792,050,427	\$615,650,263	1.57%	30.67%	6
5	Germany	\$760,674,332	\$813,573,125	\$747,306,180	-6.50%	1.79%	4
6	Japan	\$704,209,378	\$734,563,657	\$730,814,199	-4.13%	-3.64%	5
7	Australia	\$577,271,287	\$572,878,137	\$583,243,560	0.77%	-1.02%	7
8	Korea, Republic Of	\$545,249,315	\$592,227,149	\$360,055,795	-7.93%	51.43%	12
9	Netherlands	\$452,937,801	\$448,364,179	\$357,095,650	1.02%	26.84%	13
10	France	\$434,959,984	\$497,131,506	\$557,193,151	-12.51%	-21.94%	9
11	Belgium	\$422,106,424	\$397,575,924	\$377,476,595	6.17%	11.82%	11
12	Thailand	\$328,452,074	\$267,388,114	\$228,908,512	22.84%	43.49%	19
13	Italy	\$307,312,583	\$318,966,056	\$305,141,760	-3.65%	0.71%	14
14	Brazil	\$299,269,038	\$392,500,060	\$558,764,034	-23.75%	-46.44%	8
15	India	\$289,216,502	\$280,843,372	\$235,714,843	2.98%	22.70%	18
16	Singapore	\$235,007,088	\$221,065,033	\$251,636,028	6.31%	-6.61%	16
17	Chile	\$229,094,439	\$187,675,153	\$422,391,821	22.07%	-45.76%	10
18	Taiwan	\$224,986,557	\$196,822,288	\$191,403,773	14.31%	17.55%	20
19	Hong Kong	\$212,622,817	\$290,724,095	\$285,622,369	-26.86%	-25.56%	15
20	Saudi Arabia	\$156,057,090	\$186,107,278	\$237,760,431	-16.15%	-34.36%	17
21	Malaysia	\$153,934,035	\$156,087,352	\$130,744,044	-1.38%	17.74%	26
22	Czech Republic	\$143,955,040	\$132,574,643	\$64,272,232	8.58%	123.98%	36
23	Spain	\$137,812,617	\$133,294,531	\$130,756,316	3.39%	5.40%	25
24	United Arab Emirates	\$136,681,287	\$194,496,829	\$106,260,114	-29.73%	28.63%	29
25	Peru	\$136,486,945	\$130,914,024	\$130,849,484	4.26%	4.31%	24
26	New Zealand	\$122,342,411	\$105,106,439	\$53,214,628	16.40%	129.90%	44
27	Philippines	\$119,557,916	\$108,459,169	\$106,477,619	10.23%	12.28%	28
28	Sweden	\$119,164,904	\$102,759,370	\$115,471,080	15.97%	3.20%	27
29	Russia	\$111,315,116	\$119,469,852	\$99,149,450	-6.83%	12.27%	30
30	Colombia	\$111,117,746	\$80,191,859	\$181,635,941	38.56%	-38.82%	21
31	South Africa	\$109,528,990	\$145,019,534	\$157,279,418	-24.47%	-30.36%	23
32	Israel	\$100,494,803	\$95,802,937	\$62,295,691	4.90%	61.32%	38
33	Argentina	\$98,626,564	\$114,546,817	\$80,114,330	-13.90%	23.11%	32
34	Vietnam	\$96,242,196	\$88,440,775	\$50,821,184	8.82%	89.37%	45
35	Indonesia	\$94,858,141	\$103,127,069	\$73,928,559	-8.02%	28.31%	33
	Other	\$1,494,083,314	\$1,592,567,301	\$1,812,299,773	-6.18%	-17.56%	
	TOTAL	\$21,669,105,256	\$22,721,314,973	\$19,800,247,695	-4.63%	9.44%	



WISCONSIN EXPORTS BY PRODUCT CATEGORY

- **Industrial machinery** continues to be Wisconsin's largest export product category, accounting for more than one-quarter of total exports (25.93%).
 - The five largest subcategories of industrial machinery (piston engines; centrifuges and filters for liquids or gases; transmission shafts, bearings and gears; and parts for engines) all grew steadily in 2019.
 - Self-propelled bulldozers, graders and scrapers faced the largest dollar-value decline within this category (\$55.8 million, or 25.25%).
 - Canada imports of automatic data processing machines increased by 99.61%, or \$39.7 million, in 2019.
- **Vehicles and parts** exports from Wisconsin saw the greatest dollar-value increase: \$45.7 million, or 3.24%.
 - Within that category, parts and accessories for motorcycles grew by 208.21% to a total of \$94.0 million. Almost half of those products were shipped to Thailand.
 - Parts and accessories for bicycles grew by 31.95% to a total of \$11.2 million. Germany was the top destination for those products and saw an increase of 108.97% to a total of \$5.8 million. Canada ranked third among destinations for these exports (up 118.97% to a total of \$1.0 million), behind the Netherlands, which stayed fairly even, importing \$2.2 million from Wisconsin in this category.
 - Exports of bicycles also grew, increasing by 15.71% to \$35.7 million. Canada imports more than half of these products, and Canada's total imports from Wisconsin in this category increased by 25.45% in 2019.
 - Specialized parts and accessories of motor vehicles grew by 23.67% to a total of \$170.9 million in 2019. Suspension shock absorbers grew by 61.61% to a total of \$54.2 million.
 - Finished personal vehicles saw the greatest decline, going from \$70.6 million in 2018 to \$21.1 million in 2019—a 70.07% decrease. Exports in this subcategory to the Netherlands went from \$22.5 million in 2018 to just \$138,000 in 2019. Exports to the United Kingdom dropped from \$20.9 million to \$555,000.
- **Albuminoidal substances/modified starch/glue/enzymes** posted the second-largest increase by dollar volume, up \$41.8 million—a 26.11% increase. Exports to Germany in that category grew by 115.83% to a total of \$36.1 million.
- Wisconsin's exports of **miscellaneous chemical products** grew by \$29.1 million, or 6.76%. Shipments to Canada went from \$125.8 million in 2018 to \$140.1 million in 2019—an 11.40% increase.
 - Exports of prepared binders for foundry molds or cores rose by 65.87% to \$59.4 million.
- **Aircraft and aviation equipment** exports from Wisconsin dropped from \$729.9 million to \$554.4 million, a \$175.5 million decrease (-24.04%).
 - Total exports in this category to the United Kingdom, Mexico and Turkey grew by 102.4%, 269.0% and 341.5%, respectively, while shipments to Germany declined by 61.33% and to Brazil by 98.71%.
 - Wisconsin exports of civilian aircraft engines and parts declined 18.57%, or \$120.2 million. United Kingdom imports of this product increased 103.25% to \$199.5 million, while those to Germany declined 61.27%, a dollar value of \$69.9 million.
- **Electrical machinery**, Wisconsin's #2 export product category, saw the second-largest dollar volume decline, a drop of \$173.8 million or 6.75%.
 - Battery waste and scrap, the vast majority of which goes to Mexico, declined by \$112.1 million, a 34.29% drop.
 - Insulated wire and cable declined by \$42.7 million, a 23.68% decrease.
 - Specialized machinery with individual functions saw significant growth—\$40.3 million, or 61.55%.
 - Electric generating sets and rotary converters grew by \$38.7 million, or 23.01%.



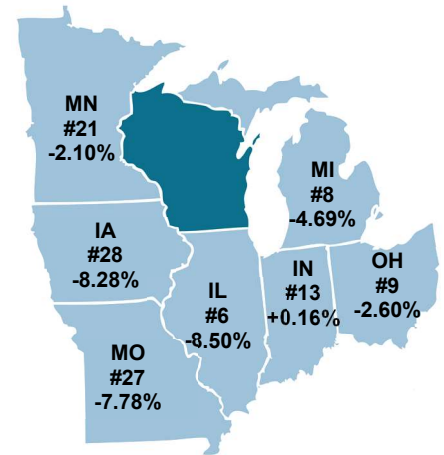
TOP PRODUCTS EXPORTED FROM WISCONSIN

2019 RANK	PRODUCT	EXPORT VALUE			% CHANGE		2010 RANK
		2019	2018	2010	2018-2019	2010-2019	
1	Industrial Machinery	\$5,619,610,364	\$5,739,827,349	\$6,357,029,613	-2.09%	-11.60%	1
2	Electrical Machinery	\$2,399,053,895	\$2,572,838,912	\$2,263,352,081	-6.75%	6.00%	2
3	Medical/Sci. Equip.	\$2,049,078,331	\$2,156,077,080	\$2,175,244,105	-4.96%	-5.80%	3
4	Vehicles & Parts	\$1,456,219,291	\$1,410,474,894	\$1,090,914,548	3.24%	33.49%	4
5	Plastic Products	\$1,147,140,253	\$1,147,295,400	\$749,588,590	-0.01%	53.04%	6
6	Paper Products	\$813,306,035	\$889,966,212	\$835,795,774	-8.61%	-2.69%	5
7	Aircrafts & Parts	\$554,423,380	\$729,896,085	\$232,862,653	-24.04%	138.09%	13
8	Misc. Chemical Products	\$460,021,090	\$430,879,501	\$242,987,525	6.76%	89.32%	12
9	Iron or Steel Products	\$391,718,447	\$459,034,335	\$308,830,676	-14.66%	26.84%	9
10	Prep. Vegetables/Fruit/Nuts	\$362,006,550	\$354,998,683	\$130,543,042	1.97%	177.31%	21
11	Pharmaceutical Products	\$351,442,205	\$394,115,767	\$220,281,846	-10.83%	59.54%	14
12	Misc. Edible Preparations	\$344,466,207	\$366,549,849	\$200,488,306	-6.02%	71.81%	16
13	Furniture/Bedding/Lamps	\$255,284,513	\$308,385,806	\$257,229,611	-17.22%	-0.76%	10
14	Printed Matter	\$241,121,323	\$272,092,323	\$340,725,210	-11.38%	-29.23%	8
15	Dairy Prod/Eggs/Honey	\$237,989,420	\$281,903,153	\$212,887,921	-15.58%	11.79%	15
16	Wood Products	\$236,724,526	\$270,468,480	\$184,203,645	-12.48%	28.51%	17
17	Salt/Stone/Cement/Plasters	\$225,349,765	\$289,000,160	\$51,271,956	-22.02%	339.52%	43
18	Prepared Meat/Fish/Etc.	\$223,245,868	\$246,366,404	\$99,363,562	-9.38%	124.68%	29
19	Essential Oils/Perfumes	\$217,637,964	\$221,426,961	\$126,817,209	-1.71%	71.62%	22
20	Beverages/Spirits/Vinegar	\$212,469,581	\$232,746,470	\$101,585,446	-8.71%	109.15%	28
21	Organic Chemicals	\$207,104,288	\$197,400,651	\$102,358,658	4.92%	102.33%	27
22	Starch/Glue/Enzymes	\$201,830,017	\$160,037,846	\$95,165,077	26.11%	112.08%	31
23	Misc. Base Metal Products	\$191,047,168	\$179,235,636	\$114,492,194	6.59%	66.86%	25
24	Mineral Fuel/Oil/Mineral Wax	\$167,992,944	\$148,560,105	\$247,106,114	13.08%	-32.02%	11
25	Oil Seeds	\$160,714,601	\$152,236,808	\$157,828,798	5.57%	1.83%	19
26	Prep Cereal/Flour/Starch	\$159,538,820	\$144,576,197	\$176,620,335	10.35%	-9.67%	18
27	Tanning & Dyes/Paint/Inks	\$152,758,761	\$167,630,041	\$116,341,620	-8.87%	31.30%	24
28	Cereals	\$152,415,492	\$182,413,587	\$522,982,390	-16.45%	-70.86%	7
29	Food Residues/Animal Feed	\$152,176,569	\$149,660,078	\$88,329,140	1.68%	72.28%	34
30	Meat & Edible Meat Offal	\$144,157,202	\$159,170,140	\$91,339,339	-9.43%	57.83%	33
31	Misc. Prod. of Animal Origin	\$141,129,788	\$126,177,744	\$46,962,791	11.85%	200.51%	46
32	Misc. Manufactured Articles	\$139,521,482	\$172,424,392	\$37,885,675	-19.08%	268.27%	49
33	Rubber Products	\$127,775,294	\$125,232,435	\$69,757,959	2.03%	83.17%	38
34	Soap/Wax/Polishes/Candles	\$125,936,880	\$130,135,834	\$126,711,803	-3.23%	-0.61%	23
35	Wadding/Felt/Yarn/Rope	\$105,031,535	\$111,254,407	\$88,124,882	-5.59%	19.18%	35
	Other	\$1,541,665,407	\$1,640,825,248	\$1,536,237,601	-6.04%	0.35%	
	TOTAL	\$21,669,105,256	\$22,721,314,973	\$19,800,247,695	-4.63%	9.44%	



WISCONSIN'S EXPORTS COMPARED TO OTHER STATES

- Total U.S. exports decreased by 1.25% from 2018 to 2019.
- Wisconsin ranked #22 among the 50 states in export value (when “unknown” is removed from the list). Wisconsin had ranked #18 in 2010.
- A total of 21 states saw an increase in exports and 29 experienced a decrease in 2019. The greatest increase was posted by New Mexico: 31.16%. Hawaii had the greatest decrease: 32.29%.



WISCONSIN LEADS THE U.S. IN THE EXPORT OF:

- Mink furskins (HS 430110) - 76.40% of the U.S. total
- Marine outboard engines (HS 840721) - 72.41% of the U.S. total
- Arc welding machinery (HS 851539) - 61.37% of the U.S. total
- Automatic laundry-type washing machinery (HS 845011) - 59.89% of the U.S. total
- Pulp & paper machinery (HS 844180) - 59.50% of the U.S. total
- Bovine semen (HS 511110) - 58.02% of the U.S. total
- Blue-veined cheese (HS 040640) - 56.55% of the U.S. total
- Prepared cranberries (HS 200893) - 50.56% of the U.S. total
- Vertical plane lawn mowers (HS 843319) - 50.54% of the U.S. total
- Fresh or dried ginseng roots (HS 121120) - 48.49% of the U.S. total
- Computed tomography apparatus (HS 902212) - 46.00% of the U.S. total
- Silica and quartz sands (HS 250510) - 45.99% of the U.S. total
- Prepared/preserved sweet corn (HS 200580) - 39.66% of the U.S. total
- Waste and scrap of batteries, spent primary cells (HS 854810) - 38.13% of the U.S. total
- Generating sets with spark-ignition internal combustion piston engines (HS 850220) - 36.31% of the U.S. total
- Bicycles (HS 871200) - 34.85% of the U.S. total
- Durum wheat, other than seed (HS 100119) - 34.36% of the U.S. total
- Newspapers appearing less than four times a week (HS 490290) - 31.50% of the U.S. total
- Parts of pulp and paper machinery (HS 844190) - 31.36% of the U.S. total
- Fire fighting vehicles (HS 870530) - 31.04% of the U.S. total
- Parts of milking machines and dairy machinery (HS 843490) - 30.86% of the U.S. total
- Stainless steel kitchen and table articles (HS 732393) - 22.71% of the U.S. total
- Sausages (HS 160100) - 22.67% of the U.S. total
- X-ray generators, control panels, examination/treatment tables/chairs (HS 902290) - 17.24% of the U.S. total
- Horizontal plane lawn mowers (HS 843311) - 17.24% of the U.S. total
- Paper, wadding and webs of cellulose fibers (HS 481190) - 16.92% of the U.S. total
- Parts of machinery for sorting/processing earth, stone, minerals (HS 847490) - 10.92% of the U.S. total
- Packing or wrapping machinery (HS 842240) - 10.11% of the U.S. total

WISCONSIN RANKS SECOND IN THESE CATEGORIES:

- Laundry-type drying machines (HS 845129) - 26.76% of the U.S. total, after Ohio
- Parts of metal locks (HS 830160) - 26.36% of the U.S. total, after California
- Tractors exceeding 130 kw (HS 870195) - 20.07% of the U.S. total, after Iowa
- Lactose and lactose syrup (HS 170211) - 20.00% of the U.S. total, after California
- Heparin and its salts (HS 300190) - 18.84% of the U.S. total, after Ohio
- Parts and accessories of motorcycles (HS 871410) - 18.72% of the U.S. total, after Indiana
- Paper facial tissues and towels (HS 481820) - 18.12% of the U.S. total, after Ohio
- Whey and modified whey (HS 40410) - 18.00% of the U.S. total, after California
- Sanitary pads, tampons and diapers for babies (HS 961900) - 14.39% of the U.S. total, after Ohio
- X-rays devices for medical, surgical or veterinary uses (HS 902214) - 10.33% of the U.S. total after California



WISCONSIN IMPORTS BY COUNTRY

- **China** has been the leading source for Wisconsin imports since 2009, when it overtook Canada. The state's imports from China declined by \$1.8 billion, or 21.71%, in 2019.
 - Wisconsin's imports of industrial machinery from China dropped by 36.42%, or \$805 million, in 2019.
 - Electrical machinery from China was down by 20.37%, or \$346 million.
 - Furniture, bedding and lamps was down by 27.95%, or \$162 million.
 - Special classifications that include products being returned for repair work grew by 59.68%, or \$38.1 million, and printed matter grew by 23.59%, or \$14.8 million.
- Imports from **Canada** declined by 9.72% in 2019.
 - Imports of mineral fuels and oil declined by 30.22%, or \$157.9 million.
 - Imports of wood pulp and scrap paper declined by 23.94%, or \$94.6 million.
 - Imports of pharmaceuticals increased by 122.70%, or \$33.9 million.
- **Mexico** ranks third among sources of Wisconsin imports. Its shipments to Wisconsin were down by 1.62% in 2019.
 - Imports of industrial machinery were down by \$137.2 million, or 22.02%, and those of electrical machinery were down by \$74.1 million, or 11.66%.
 - Imports of medical and scientific instruments grew by \$121.6 million or, 28.68%.
- Wisconsin's imports from **Ireland** are dominated by pharmaceuticals, accounting for 91.40% of the total. The country posted the second-greatest decrease by dollar volume, \$915.9 million or -28.19%. This was due to a significant drop in shipments of human vaccines.

WISCONSIN IMPORTS BY PRODUCT CATEGORY

- **Industrial machinery** represents 19.38% of all goods imported into the state.
 - China is the leading supplier, accounting for 25.4%, followed by Germany with 12.5%.
 - Even with a 59.42% decrease, hand tools are the largest subcategory of industrial machinery, totaling \$415 million. The vast majority (95.63%) of those products came from China in 2019. Japan experienced an increase of \$5.4 million, or 4,035.5%. Hong Kong's exports to Wisconsin in that category grew by \$376,000, or 946.29%.
 - Transmission shafts, bearings and gears ranked second, with \$367.6 million in imports. Germany was the primary source for those products, followed by China.
- Wisconsin's imports of **electrical machinery** dipped by 7.10%, but the category moved ahead of pharmaceuticals to become Wisconsin's second-largest import product category.
 - Imports of electrical machinery from China declined by \$346.5, or 20.37%, while imports from Malaysia in this category jumped \$99.8 million, or 120.81%, and imports from Vietnam grew by \$25.8 million, or 165.08%.
- Wisconsin imports of **medical and scientific instruments** grew by 6.34% in 2019.
 - Imports from Mexico grew by \$121.6 million, or 28.68%.
 - Imports from Switzerland also saw a significant increase of \$54.2 million. or 199.81%.
 - Imports from China declined by \$83.4 million, or 13.71%, while shipments from Germany dropped by \$15.1 million, or 5.46%.
- **Transportation equipment** imports grew by \$190 million, or 16.42%.
 - Imports from Mexico in that category grew by \$34.2 million, or 10.02%.
 - Imports from Turkey increased by \$77.8 million, or 76.30%, and that country jumped ahead of China, Canada and the United Kingdom to become Wisconsin's #2 supplier in that category.



TOP SOURCES OF WISCONSIN IMPORTS

2019 RANK	COUNTRY	IMPORT VALUE			% CHANGE		2010 RANK
		2019	2018	2010	2018-2019	2010-2019	
1	China	\$6,396,341,162	\$8,169,796,159	\$4,776,742,946	-21.71%	33.91%	1
2	Canada	\$4,340,583,684	\$4,807,728,036	\$3,850,503,300	-9.72%	12.73%	2
3	Mexico	\$2,846,045,994	\$2,892,881,849	\$2,909,757,886	-1.62%	-2.19%	3
4	Ireland	\$2,332,796,328	\$3,248,677,432	\$52,864,660	-28.19%	4312.77%	38
5	Germany	\$1,935,415,222	\$1,922,755,356	\$924,533,372	0.66%	109.34%	4
6	Vietnam	\$1,034,518,786	\$992,652,921	\$401,230,673	4.22%	157.84%	10
7	Italy	\$925,264,539	\$879,828,542	\$468,949,804	5.16%	97.31%	6
8	Japan	\$824,829,987	\$692,731,357	\$662,553,317	19.07%	24.49%	5
9	United Kingdom	\$778,536,035	\$631,090,196	\$237,020,085	23.36%	228.47%	16
10	India	\$741,310,283	\$762,997,749	\$445,756,173	-2.84%	66.30%	7
11	Taiwan	\$724,208,917	\$647,644,155	\$441,794,327	11.82%	63.92%	8
12	France	\$478,303,669	\$530,977,730	\$437,781,753	-9.92%	9.26%	9
13	Korea, Republic Of	\$390,049,519	\$387,788,012	\$282,468,285	0.58%	38.09%	12
14	Belgium	\$385,853,507	\$226,346,831	\$84,701,858	70.47%	355.54%	30
15	Malaysia	\$318,595,942	\$205,072,028	\$245,999,246	55.36%	29.51%	14
16	Netherlands	\$273,846,716	\$243,091,065	\$129,893,058	12.65%	110.82%	19
17	Switzerland	\$268,766,249	\$189,276,738	\$120,364,341	42.00%	123.29%	23
18	Spain	\$260,562,229	\$197,796,457	\$71,235,850	31.73%	265.77%	33
19	Turkey	\$256,140,038	\$171,632,974	\$67,805,509	49.24%	277.76%	34
20	Indonesia	\$246,432,520	\$299,115,872	\$320,974,647	-17.61%	-23.22%	11
21	Philippines	\$214,281,454	\$191,573,920	\$88,437,026	11.85%	142.30%	29
22	Finland	\$192,651,441	\$176,501,978	\$237,265,325	9.15%	-18.80%	15
23	Bangladesh	\$179,607,750	\$128,552,067	\$128,977,406	39.72%	39.26%	20
24	Thailand	\$179,012,434	\$179,790,702	\$99,212,636	-0.43%	80.43%	27
25	Denmark	\$171,280,887	\$147,747,773	\$78,736,507	15.93%	117.54%	31
26	Austria	\$158,860,053	\$148,929,544	\$131,297,913	6.67%	20.99%	18
27	Israel	\$145,946,346	\$138,057,419	\$216,020,662	5.71%	-32.44%	17
28	Guatemala	\$120,292,565	\$126,605,354	\$128,018,700	-4.99%	-6.04%	21
29	Sweden	\$103,235,493	\$108,895,373	\$115,241,416	-5.20%	-10.42%	25
30	Australia	\$102,331,674	\$87,603,547	\$275,307,382	16.81%	-62.83%	13
31	Brazil	\$87,574,710	\$87,167,623	\$88,992,240	0.47%	-1.59%	28
32	Poland	\$82,779,538	\$101,490,650	\$39,908,622	-18.44%	107.42%	41
33	New Zealand	\$80,016,898	\$81,181,230	\$14,530,832	-1.43%	450.67%	52
34	Czech Republic	\$77,976,289	\$77,713,762	\$33,921,816	0.34%	129.87%	44
35	Cambodia	\$64,975,811	\$53,593,827	\$107,294,985	21.24%	-39.44%	26
	Other	\$763,316,647	\$1,028,701,446	\$972,505,870	-25.80%	-21.51%	
	TOTAL	\$28,482,541,316	\$30,963,987,674	\$19,688,600,428	-8.01%	44.67%	



TOP PRODUCTS IMPORTED INTO WISCONSIN

2019 RANK	PRODUCT	IMPORT VALUE			% CHANGE		2010 RANK
		2019	2018	2010	2018-2019	2010-2019	
1	Industrial Machinery	\$5,521,047,610	\$6,126,483,714	\$3,148,035,295	-9.88%	75.38%	1
2	Electric Machinery	\$3,280,703,932	\$3,531,553,313	\$2,670,149,125	-7.10%	22.87%	2
3	Pharmaceuticals	\$3,206,454,518	\$4,114,123,125	\$384,213,002	-22.06%	734.55%	14
4	Medical/Sci. Equip.	\$2,334,831,871	\$2,195,577,089	\$1,289,178,743	6.34%	81.11%	4
5	Vehicles & Parts	\$1,350,790,647	\$1,160,318,221	\$978,943,081	16.42%	37.98%	5
6	Knit/Crochet Apparel	\$1,222,610,619	\$1,387,506,487	\$1,463,301,649	-11.88%	-16.45%	3
7	Plastic Products	\$1,144,650,629	\$1,214,221,428	\$867,322,885	-5.73%	31.98%	6
8	Furniture/Bedding/Lamps	\$912,722,632	\$1,021,489,218	\$718,753,752	-10.65%	26.99%	8
9	Non-knit Apparel	\$751,923,667	\$798,375,793	\$724,256,721	-5.82%	3.82%	7
10	Special Classifications	\$742,737,581	\$658,400,569	\$454,879,540	12.81%	63.28%	12
11	Paper Products	\$489,020,718	\$525,558,692	\$518,635,499	-6.95%	-5.71%	9
12	Footwear	\$470,632,552	\$496,185,258	\$475,880,767	-5.15%	-1.10%	11
13	Iron or Steel Products	\$436,488,145	\$464,462,179	\$342,509,963	-6.02%	27.44%	15
14	Textile Art/Needlecraft Sets	\$410,795,073	\$432,864,924	\$334,952,078	-5.10%	22.64%	16
15	Wood Products	\$406,562,955	\$467,689,894	\$307,217,688	-13.07%	32.34%	17
16	Toys/Games/Sporting Goods	\$386,667,845	\$404,576,355	\$453,812,013	-4.43%	-14.80%	13
17	Mineral Fuel/Oil/Mineral Wax	\$368,933,420	\$527,180,163	\$161,331,217	-30.02%	128.68%	26
18	Misc. Base Metal Products	\$309,519,966	\$328,076,081	\$223,245,229	-5.66%	38.65%	18
19	Wood Pulp/Scrap Paper	\$303,241,963	\$401,575,729	\$510,940,579	-24.49%	-40.65%	10
20	Iron or Steel Products	\$291,341,036	\$309,994,707	\$219,739,879	-6.02%	32.58%	19
21	Metal Tools/Cutlery	\$279,264,465	\$351,610,848	\$161,440,661	-20.58%	72.98%	25
22	Organic Chemicals	\$278,538,295	\$219,077,109	\$193,252,004	27.14%	44.13%	20
23	Misc. Chemical Products	\$228,389,270	\$208,166,509	\$183,375,382	9.71%	24.55%	22
24	Rubber And Articles Thereof	\$183,730,642	\$189,147,085	\$188,617,577	-2.86%	-2.59%	21
25	Aluminum Products	\$183,700,933	\$264,183,540	\$171,515,902	-30.46%	7.10%	24
26	Misc. Edible Preparations	\$153,429,417	\$175,788,970	\$141,684,081	-12.72%	8.29%	28
27	Albuminoidal Subst; Modified Starch; Glue; Enzymes	\$144,982,501	\$125,261,062	\$135,485,250	15.74%	7.01%	29
28	Meat & Edible Meat Offal	\$143,220,372	\$145,226,077	\$75,098,970	-1.38%	90.71%	36
29	Glass & Glassware	\$124,026,337	\$122,683,833	\$73,328,158	1.09%	69.14%	38
30	Dairy Prod/Eggs/Honey	\$122,091,539	\$104,570,051	\$39,534,241	16.76%	208.82%	49
31	Edible Vegetables/Roots	\$119,378,496	\$87,180,370	\$30,796,651	36.93%	287.63%	54
32	Stone/Plaster/Cement Items	\$116,340,761	\$130,878,120	\$80,322,006	-11.11%	44.84%	34
33	Leather Products	\$106,690,472	\$111,514,883	\$95,796,399	-4.33%	11.37%	32
34	Printed Matter	\$103,268,461	\$91,784,948	\$61,589,264	12.51%	67.67%	40
35	Soap/Wax/Polishes/Candles	\$102,783,342	\$111,540,536	\$96,228,132	-7.85%	6.81%	31
	Other	\$1,751,028,634	\$1,959,160,794	\$1,713,237,045	-10.62%	2.21%	
	TOTAL	\$28,482,541,316	\$30,963,987,674	\$19,688,600,428	-8.01%	44.67%	

DATA SOURCE

The U.S. Census Bureau is the official source for U.S. export and import data, including data by individual state. WEDC subscribes to WISERTrade, an online service from the World Institute for Strategic Economic Research in Leverett, MA, that converts the raw census data into a more user-friendly format, <http://www.wisertrade.org/>.

