MN Export statistics header banner.
Data on Minnesota Exports for Fourth Quarter 2022 – Published MArch 2023
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**Data on Minnesota Exports for Fourth Quarter 2022 – Published March 2023**

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# State Exports Surpass $7 Billion in Fourth Quarter, Gaining 12%

* Minnesota exports of goods (including agricultural, mining and manufactured products) reached $7.2 billion in the fourth quarter of 2022 – making it the second consecutive quarter of over $7 billion in exports. Exports increased 12% – or up $781 million – between the fourth quarters of 2021 and 2022.
* U.S. exports of goods grew 8% in the same period, with exports from 37 states growing over 2021.
* Minnesota *manufactured* exports expanded by 8% to $6.2 billion during this period, while U.S. *manufactured* exports were up 7%.
* For the year, the state’s exports of goods grew 16% over 2021, while U.S. exports grew 18%.

Figure 1. Exports Increase from 37 States

State % change 2021-Q4 to 2022-Q4
Minnesota 12%
United States 8%
Alabama 20%
Alaska -28%
Arizona 16%
Arkansas 2%
California 1%
Colorado 8%
Connecticut 13%
Delaware 4%
Dist of Columbia 34%
Florida 13%
Georgia 13%
Hawaii 11%
Idaho 5%
Illinois 13%
Indiana 6%
Iowa 12%
Kansas 4%
Kentucky 8%
Louisiana 39%
Maine -17%
Maryland -5%
Massachusetts -17%
Michigan 1%
Mississippi 19%
Missouri 7%
Montana -5%
Nebraska 0%
Nevada -7%
New Hampshire 6%
New Jersey -14%
New Mexico 1%
New York 13%
North Carolina 6%
North Dakota 11%
Ohio -1%
Oklahoma -3%
Oregon 4%
Pennsylvania 4%
Rhode Island -2%
South Carolina 20%
South Dakota 19%
Tennessee -4%
Texas 11%
Utah 6%
Vermont -8%
Virginia 4%
Washington -7%
West Virginia 5%
Wisconsin 2%
Wyoming 27%


***MN: 12%***

***U.S.: 8%***

*Decline 0% Growth*

color legend for map. yellow for declines, green for positive growth

## *Markets in the Americas and the EU Generate Strongest Export Growth*

* Strong market conditions in **North America** ($3 billion, up 18%), the **European Union** ($1.3 billion, up 39%) and the **Caribbean, Central America and South America** ($366 million, up 48%) propelled growth.
* The state’s salesstruggled in Asia ($1.9 billion, down 9%) and tumbled to Africa ($46 million, down 42%).
* The state’s top four markets this quarter had the largest gains: **Canada** (up $247 million), **Mexico** (up $211 million), **Korea** (up $143 million), and **Germany** (up $88 million). Emerging markets included **Spain** ($99 million, up 319%), **Uruguay** ($55 million, up from $2 million) and **Yemen** ($29 million, up from $114,000).
* In Asia, solid gains in **Korea** (up 98%), **Taiwan** (up 69%) and **Malaysia** (up 25%) helped offset sharp persisting declines to the **Philippines** (down 83%), **China** (down 13%) and **Japan** (down 13%).
* The state’s exports robustly expanded in the **Middle East** ($129 million, up 32%) and **European countries outside the EU** ($241 million, up 8%), and grew moderately to the **Australia-Pacific** ($133 million, up 3%).

#### Figure 2. Export Trends for Minnesota’s Top 10 Markets, Fourth Quarter 2022

Country Exports (billions) Percent Change, 2021-Q4 to 2022-Q4
WORLD  $7.2  12%
Canada (1)   $2.2  13%
Mexico (2)   $0.8  38%
China (3)   $0.6  -13%
Korea (4)   $0.3  98%
Japan (5)   $0.3  -13%
Germany (6)   $0.3  49%
Belgium (7)   $0.2  21%
Taiwan (8)   $0.2  69%
Netherlands (9)   $0.2  19%
Italy (10)   $0.2  115%


## *Global Sales of Mineral Fuel and Oil Drove the State’s Export Growth*

* Some of the state’s top products such as **mineral fuel, oil** (up 130%), **optic, medical** (up 14%), **electrical equipment** (up 13%), and **vehicles** (up 30%) fueled export growth, which helped to offset declines in others such as **machinery** (down 19%), **cereals** (down 45%), **plastics** (down 16%) and **pharmaceuticals** (down 51%).
* Global sales of **misc. chemicals** ($119 million, up 118%), **fertilizers** ($90 million, up 80%), **iron and steel products** ($111 million, up 34%) and **food by-products** ($195 million, up 15%) also made strong gains.

Figure 3. Top Markets for Mineral Fuel, Oil

* With a market share of 64%, **Canada** (up 54%) drove export growth of **mineral fuel, oil** (such as **motor fuel**). However, increases in demand – ranging from $50 million to $120 million – for these products from largely new markets (**Korea**, **Spain, Italy, Taiwan, Uruguay** and **France**) generated the largest gains.
* Surging **electrical equipment** exports to markets such as **Canada** (up 44%), **the Philippines** (up 104%) and **Germany** (up 27%) and **Indonesia** (up 1,026%) offset the sharp decline to **China** (down 24%).
* **Mexico** ($145 million, up 179%) and **Canada** ($194 million, up 16%) drove export growth of **vehicles**.
* The strongest performing **optic, medical** export markets included **Germany, the Netherlands, Belgium, Costa Rica** and **Korea**. **Orthopedic, artificial body parts** ($282 million, up 113%) was the highest growth segment.
* **China** accounted for half of **misc. chemicals** exports; growth was driven by **diagnostic/lab reagents**.
* **Taiwan** (up 492%) and **Ireland** (up 343%) contributed the most to increased sales of **food-by products.**
* Remarkable growth in some **machinery** segments – such as **centrifuges, filters** (up 14%), **engine parts** (up 167%), **specialized equipment** (up 22%) and **spraying equipment** (up 18%) was crowded out by disruptive trends in **machinery for making semiconductors** (down $290 million, mainly to **the Philippines**).

#### Figure 4. Export Trends for Minnesota’s Top 10 Products, Fourth Quarter 2022

PRODUCT Exports (billions) Percent Change, 2021-Q4 to 2022-Q4
TOTAL  $7.2  12%
Mineral Fuel, Oil  $1.2  130%
Optic, Medical  $1.1  14%
Machinery  $1.0  -19%
Electrical Equipment  $0.9  13%
Vehicles  $0.4  30%
Plastics  $0.2  -16%
Food By-Products  $0.2  15%
Ores, Slag, Ash  $0.2  9%
Cereals  $0.2  -45%
Meat  $0.1  0%
Other  $1.6  8%


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| Minnesota Export Statistics tracks the state’s trends in exports of goods and is prepared for the Minnesota Trade Office by DEED’s Economic Analysis Unit (by Thu-Mai Ho-Kim). The quarterly and annual reports primarily cover export data based on the Harmonized Tariff System (Schedule B), collected by the Foreign Trade Division, Census Bureau, U.S. Dept of Commerce and accessed through USA Trade Online (Census Bureau) and Trade Data Monitor (TDM). Historical reports are available on DEED’s website at “Export and Trade Statistics” (<http://mn.gov/deed/data/export-stats/>). |