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4th Quarter Minnesota Export Statistics Newsletter 
Minnesota Department of Employment and Economic Development

Data on Minnesota Exports for Fourth Quarter 2021 – Published April 2022
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# State Exports Jump 30% in Fourth Quarter

* Minnesota exports (including agricultural, mining and manufactured products) were valued at $6.4 billion in the fourth quarter of 2021, jumping 30% (or $1.5 billion) since the fourth quarter of 2020, and 16% over the (pre-Covid) fourth quarter of 2019.
* Overall U.S. exports of goods also rose strongly over the fourth quarters of 2020 (up 23%) and 2019 (up 16%). A large majority of states had export growth over the fourth quarters of both 2020 and 2019.
* Minnesota *manufactured* exports expanded 27% to $5.3 billion between the fourth quarters of 2020 and 2021, while U.S. *manufactured* exports rose 19%.
* Minnesota exports gained 17% for the year between 2020 and 2021, while U.S. exports increased 23%.

Figure 1. 41 States Increase Exports

MN Exports, 
State and Percent Change 2020-Q4 to 2021-Q4
MN 30%
US 23%
AK 34%
AL 16%
AR 10%
AZ 31%
CA 5%
CO 11%
CT 10%
DC -22%
DE -2%
FL 24%
GA -1%
HI -2%
IA 17%
ID -4%
IL 23%
IN 11%
KS 16%
KY 28%
LA 32%
MA 38%
MD 28%
ME 48%
MI 26%
MO 10%
MS 38%
MT 20%
NC 19%
ND -19%
NE 23%
NH 19%
NJ 21%
NM 19%
NV -1%
NY 12%
OH 13%
OK 26%
OR 17%
PA 16%
RI 21%
SC -6%
SD 24%
TN 21%
TX 43%
UT -17%
VA 34%
VT -12%
WA 39%
WI 23%
WV 34%
WY 39%


***MN: +30%***

***U.S.: +23%***

*Decline 0% Growth*

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## *Renewed Demand in Markets in North America and Asia Fuels Export Gains*

* Exports to the state’s main three regional markets continued to rally, driven by markets in **North America** (up 46%), **Asia** (up 32%) and the **European Union** (up 20%). Exports to **North American** and **Asian** markets in the fourth quarter of 2021 outperformed exports to these regions in 2019.
* Markets with the largest export gains included **Canada** (up $762 million)**, the Philippines** (up $271 million), **Japan** (up $115 million), **China** (up $107 million) and **India** (up $68 million).
* Exports also grew to **Africa** ($79 million, up 43%) and **Central** **and South America** ($247 million, up 10%).
* Minnesota exports faltered in the **Australia-Pacific region** (down 18%), **European countries outside the EU** (down 7%) and the **Middle East** (down 12%)– where strong growth to **Israel** (up 60%) was offset by declines to **Saudi Arabia** (down 48%) and the **UAE** (down 19%).

#### Figure 2. Export Trends for Minnesota’s Top 10 Markets, Fourth Quarter 2021

MN Exports to Top 10 Markets, 2021-Q4
Product Exports (millions) Percent Change, 2020-Q4 to 2021-Q4
WORLD  $6,446  30%
Canada (1)   $1,939  65%
China (2)   $712  18%
Mexico (3)   $563  4%
Japan (4)   $379  44%
Philippines (5)   $359  306%
Germany (6)   $181  6%
Belgium (7)   $165  8%
Korea (8)   $147  -21%
Netherlands (9)   $144  23%
Ireland (10)   $137  18%
Other  $1,720  10%


## *Export Recovery Led by Machinery, Mineral Fuel, Cereals and Electrical Equipment*

* Minnesota exports continued to rebound from 2020, with growth across most of the state’s Top 10 products – led by **machinery** (up 50%), **mineral fuel, oil** (up 237%), **cereals** (up 373%) and **electrical equipment** (up 33%).
* Global sales of **machinery** surged ahead, based on **machinery for making semiconductors** ($373 million, up 450% – propelled by the **Philippines** (up $302 million)), **centrifuges, filters** ($181 million, up 34%) and **pumping equipment** ($69 million, up 26%).Figure 3. Electrical Equipment Exports
* Fourth quarter sales of **railway equipment**; **optic, medical** goods; **ores, slag, ash**; and **aircraft, spacecraft** each grew by more than $35 million. **Railway equipment** exports gained traction in India – with sales growing by $45 million there, while **aircraft, spacecraft** sales were uplifted by **France** (up 305%) and **Mexico** (up 466%).
* As the primary market, **Canada** generated impressive trends in **mineral fuel, oil** (primarily light oils, including gasoline); **fertilizers**; **ores, slag, ash** (consisting of iron ores); and **cereals** (driven by demand for **corn (maize)**).As an emerging market for **cereals**, **Morocco** (up $26 million) also spurred sales of corn.
* Successful ventures in **electrical equipment** brightened the most in **China** ($169 million, up 62%), **Canada** ($93 million, up 42%), **Japan** ($57 million, up 87%) and **Germany** ($48 million, up 97%).High-growth segments included **integrated circuits** (up 56%), **switches** (up 75%), **semiconductors** (up 71%) and **generators** (up 73%).
* **Japan** drove the spike in **meat** sales (up 14%) while **Indonesia** led the gains in **wood pulp** ($67 million, up 56%).
* Demand for **vehicles** (down 14%) and **pharmaceuticals** (down 11%) buckled to levels below those in the fourth quarter of 2019. Sales of **vehicles** weakened in **Mexico, Canada** and **Switzerland**; while those of **pharmaceuticals** tumbled in numerous smaller markets, including **Saudi Arabia Russia**, and **Australia**.

#### Figure 4. Export Trends for Minnesota’s Top 10 Products, Fourth Quarter 2021

MN Exports of Top 10 Products, 2021-Q4
PRODUCT  Exports (millions)  Percent Change, 2020-Q4 to 2021-Q4
TOTAL  $6,446  30%
Machinery  $1,223  50%
Optic, Medical  $984  5%
Electrical Equipment  $827  33%
Mineral Fuel, Oil  $537  237%
Vehicles  $320  -14%
Plastics  $299  0%
Cereals  $275  373%
Food By-Products  $170  15%
Ores, Slag, Ash  $149  36%
Meat  $140  14%
Other  $1,521  14%


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| Minnesota Quarterly Export Statistics is the most current resource available for tracking the state’s export trends in manufactured and other goods, and is prepared for the Minnesota Trade Office (MTO) by the Department of Employment and Economic Development’s (DEED) Economic Analysis Unit (Thu-Mai Ho-Kim). The quarterly and annual statistics reports primarily cover export data based on the Harmonized System (Schedule B), accessed from WISERTrade - State HS Database, based on data collected by the U.S. Census Bureau, Foreign Trade Division. Reports are available on DEED’s website at “Export and Trade Statistics” (<http://mn.gov/deed/data/export-stats/>). |