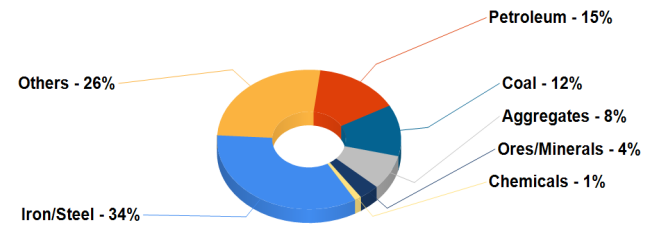




2023 State Quick Facts (Tons in Millions)

Tons Shipped -	21.0
Tons Received -	16.1
Tons Shipped Within State -	12.3
Total Commercial Docks -	128
Total Value (Billions)-	\$2.38
Total Domestic Tons -	40.4
Total Import Tons -	6.3
Total Export Tons -	2.8
Total Tons -	49.5

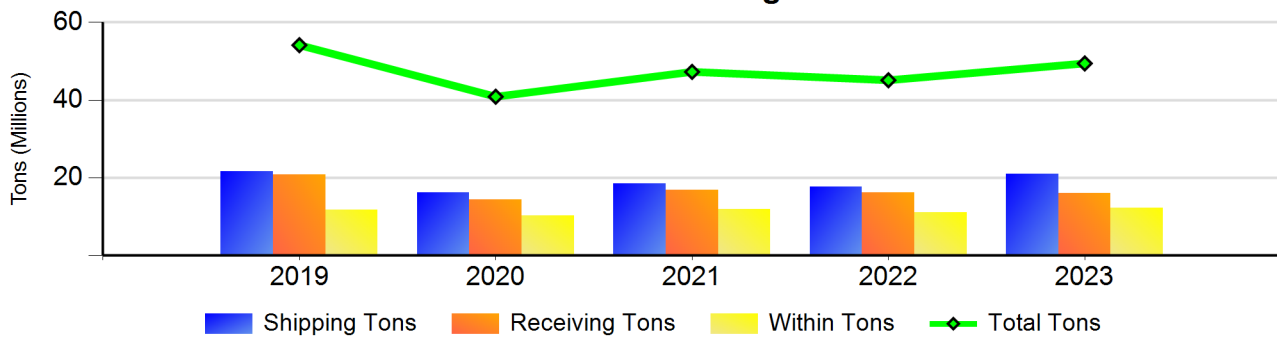
2023 All Traffic Commodity Value Distribution



Source: Waterborne Commerce Statistics. Values estimated from 2019 NDSU UGPTI Commodity Valuation Study, values indexed by PPI to 2023 price level. (Commodity dollar values are not calculated for foreign movements)

Source: Waterborne Commerce Statistics. Values estimated from 2019 NDSU UGPTI Commodity Valuation Study, values indexed by PPI to 2023 price level. (Commodity dollar values are not calculated for foreign movements). Remaining 0% unable to release due to insufficient operators.

State Five Year Tonnage Trend



Source: USACE Waterborne Commerce Statistics

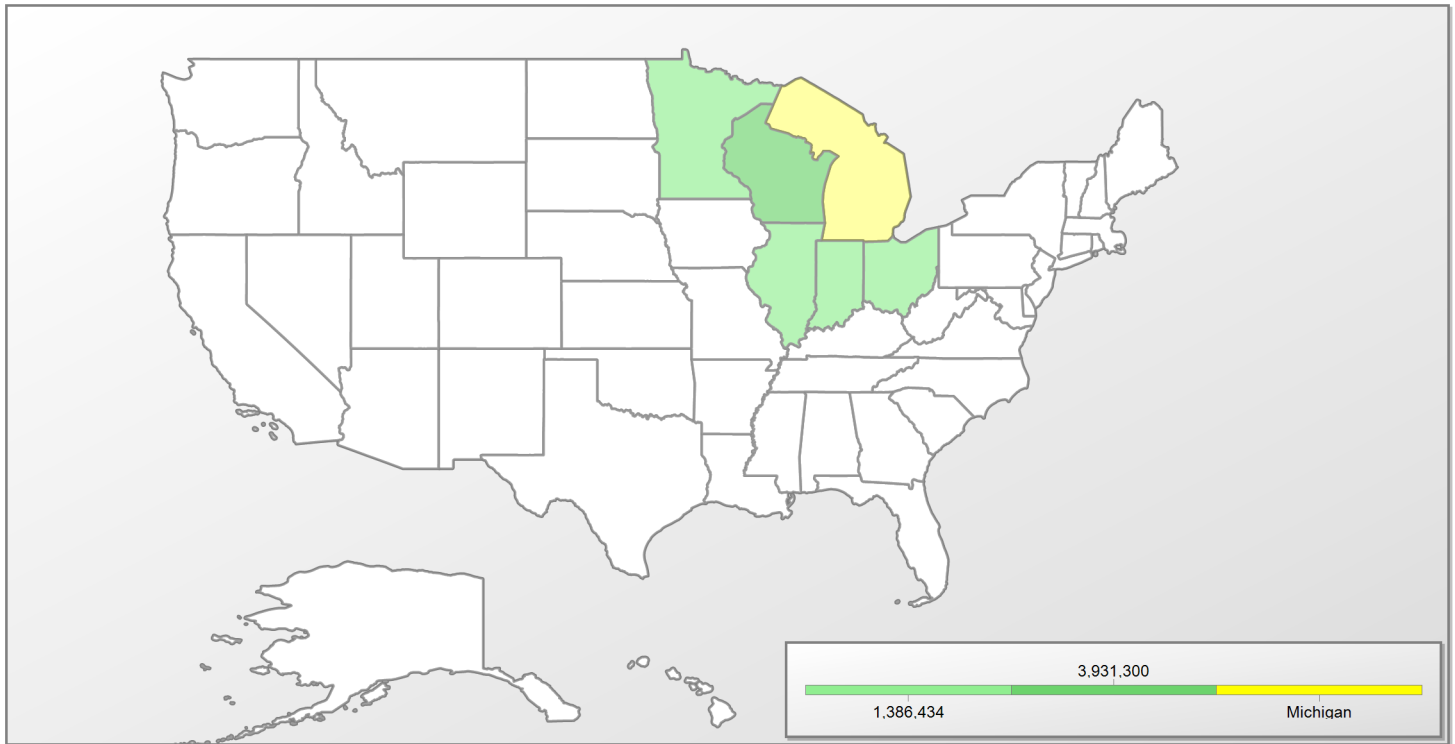
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Michigan - Continued

2023 States Sending Commodities to Michigan



Source: USACE Waterborne Commerce Statistics

State Sending Tons	Total Tonnage Sent to Michigan	Top Commodity - % of Total Sent to Michigan
Canada	6,064,994	**
Wisconsin	5,394,381	**
Ohio	2,606,902	Coal-61%
Indiana	1,241,719	Others-80%
Illinois	421,723	**
Foreign	248,972	Others-67%
Minnesota	141,512	**

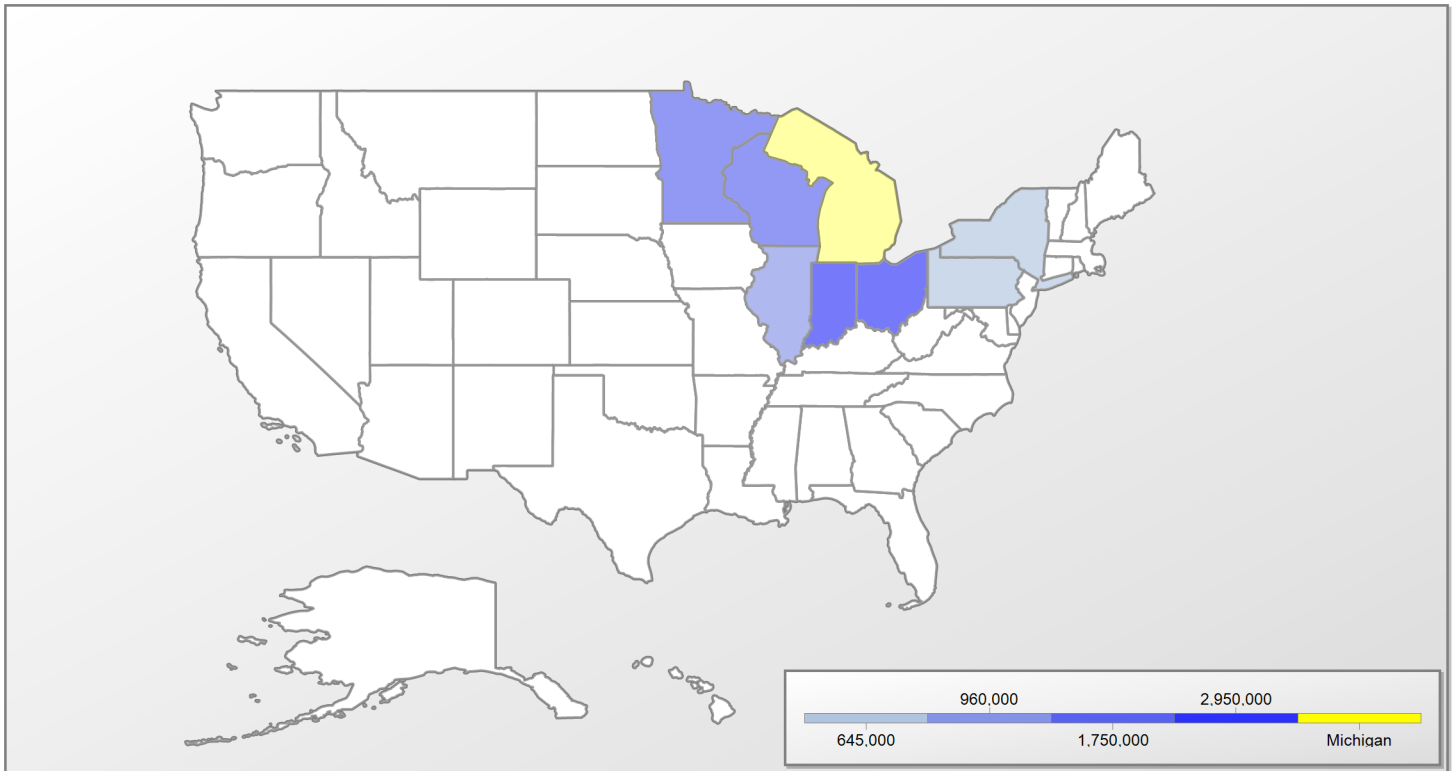
**Unknown and Not Elsewhere Classified Products

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Michigan - Continued

2023 States Receiving Commodities From Michigan



Source: USACE Waterborne Commerce Statistics

State Receiving Tons	Total Tonnage Received from Michigan	Top Commodity - % of Total Received from Michigan
Ohio	6,512,803	Aggregates-54%
Indiana	3,714,407	Aggregates-67%
Wisconsin	3,181,083	Aggregates-52%
Canada	2,689,270	**
Minnesota	2,233,401	Aggregates-95%
Illinois	1,321,096	Others-58%
Pennsylvania	675,020	**
New York	645,086	**
Foreign	71,683	Others-65%

**Unknown and Not Elsewhere Classified Products

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Michigan - Continued

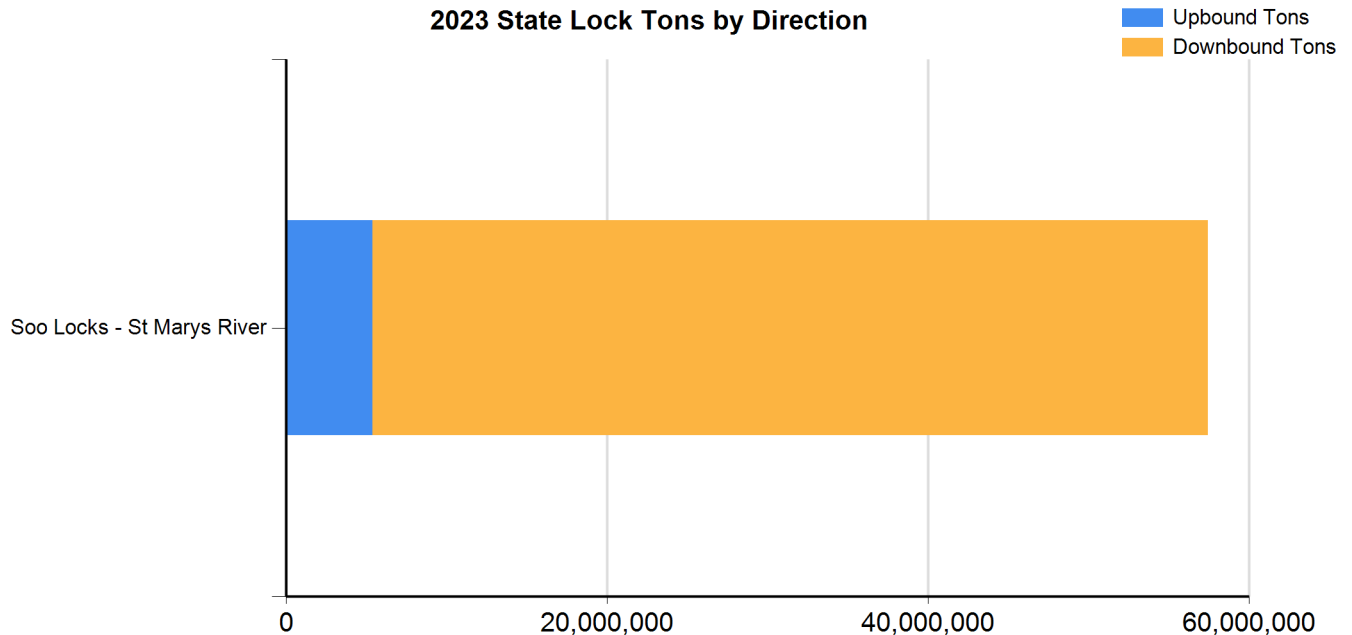
Five Year Trend of Tonnage Shipped or Received in Michigan

Commodity Group	Avg Tonnage	% of Total Tons (All Years)	Five Year Commodity Trend (Millions of Tons)				
Aggregates	22,938,827	48%	25.17	20.33	22.33	21.57	25.28
			2019	2020	2021	2022	2023
Chemicals	287,957	<1%		0.26	0.31	0.31	0.29
			2019	2020	2021	2022	2023
Coal	8,300,380	18%	10.22	6.05	9.70	8.32	7.22
			2019	2020	2021	2022	2023
Crude Petroleum	0	**					
			2019	2020	2021	2022	2023
Grains	53,742	**					
			2019	2020	2021	2022	2023
Iron/Steel	6,888,588	15%	9.69	5.72	6.56	5.56	6.92
			2019	2020	2021	2022	2023
Ores/Minerals	1,890,765	4%	2.14	1.62	1.69	1.91	2.09
			2019	2020	2021	2022	2023
Others	5,775,251	12%	5.37	5.77	5.76	6.07	5.90
			2019	2020	2021	2022	2023
Petroleum	1,252,439	3%	1.29	1.16	0.93	1.32	1.57
			2019	2020	2021	2022	2023

Source: USACE Waterborne Commerce Statistics

** - Year = Insufficient Operators to Release Tonnage

2023 State Lock Tons by Direction



Source: USACE Waterborne Commerce Statistics

** - Insufficient operators to release directional tonnage



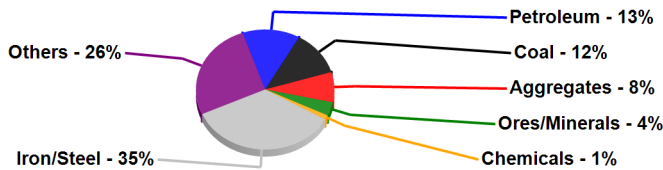
Michigan - Continued

Commodity Value Distribution Charts by Waterway Type

Source: Waterborne Commerce Statistics. Values estimated from 2019 NDSU UGPTI Commodity Valuation Study, values indexed by PPI to 2023 price level. (Commodity dollar values are not calculated for foreign movements)

2023 Great Lakes Traffic Commodity Value Distribution

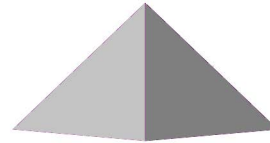
Total Value: \$2.34 (Billion)



Remaining <1% unable to release due to insufficient operators

2023 River Traffic Commodity Value Distribution

Total Value: \$0.04 (Billion)



Remaining 100% unable to release due to insufficient operators

Michigan 2023 Top 5 Waterways

Waterway Name	State Rank	Tons (Thousands)	Value (Millions)
Lake Huron	1	18,498.3	\$611.9
Lake Michigan	2	10,155.3	\$416.5
Detroit River, MI	3	10,113.7	\$723.5
Lake Superior	4	7,013.2	\$757.4
St. Clair River, MI	5	5,720.7	\$163.1

Source: USACE Waterborne Commerce Statistics. Values estimated from 2019 NDSU UGPTI Commodity Valuation Study, values indexed by PPI to 2023 price level. (Commodity dollar values are not calculated for foreign movements)

** Insufficient operators to release tonnage

Michigan 2023 Top 3 Ports (Tons in thousands)

Port Name	U.S. Rank	Type	Total Port Tons	Port Tons Within State
Detroit/Wayne County Port Authority, MI	6	Lake	10,113.7	10,113.7
Rogers City, MI	9	Lake	7,699.9	7,699.9
Marquette, MI	10	Lake	6,981.5	6,981.5

Source: USACE Waterborne Commerce Statistics
Tonnage represents only shipped or received in the state and port, and not necessarily the total port tonnage.

** Insufficient operators to release tonnage

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