



US Army Corps
of Engineers

U.S. ARMY CORPS OF ENGINEERS

Michigan

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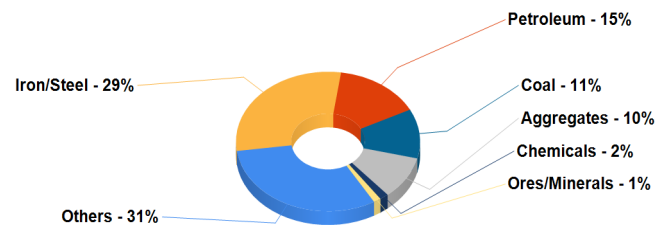


2020 State Quick Facts (Tons in Millions)

Tons Shipped -	16.2
Tons Received -	14.5
Tons Shipped Within State -	10.3
Total Commerical Docks -	122
Total Value (billions)-	\$1.41
Total Domestic Tons -	34.2
Total Import Tons -	5.6
Total Export Tons -	1.1
Total Tons -	40.9

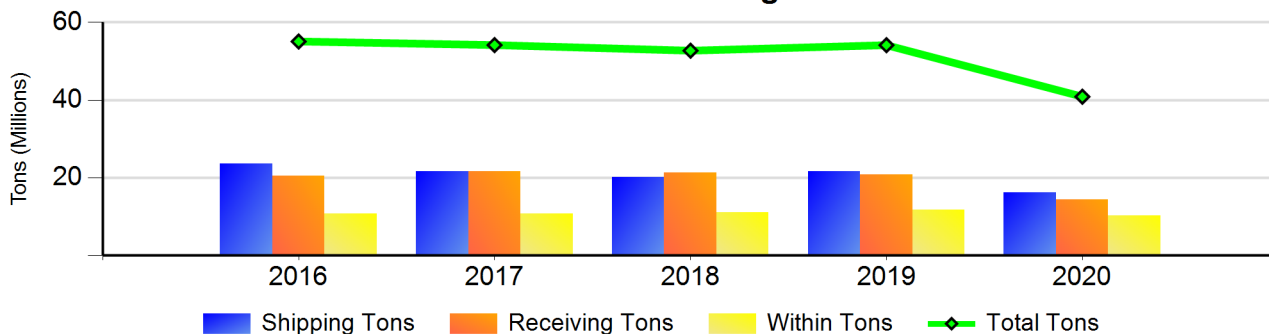
Source: Waterborne Commerce Statistics, Values estimated from 2019 NDSU UGPTI Commodity Valuation Study, values indexed by PPI to 2020 price level. (Commodity dollar values are not calculated for foreign movements)

2020 All Traffic Commodity Value Distribution



Source: Waterborne Commerce Statistics, Values estimated from 2019 NDSU UGPTI Commodity Valuation Study, values indexed by PPI to 2020 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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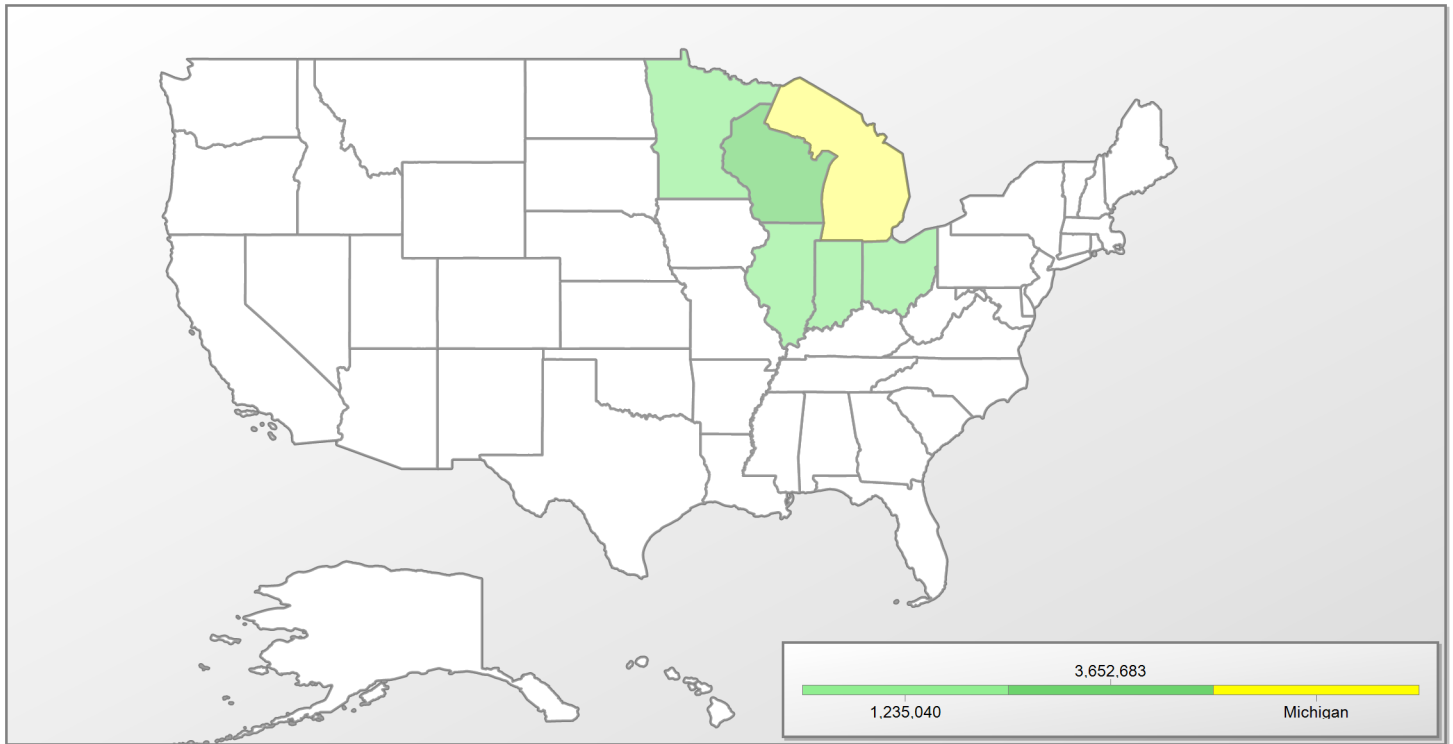
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Michigan - Continued

2020 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	5,502,534	**
Wisconsin	5,226,056	Coal-93%
Ohio	2,156,913	Coal-42%
Indiana	982,608	Others-92%
Illinois	451,085	**
Foreign	113,046	Iron/Steel-70%
Minnesota	26,218	**
Maine		**

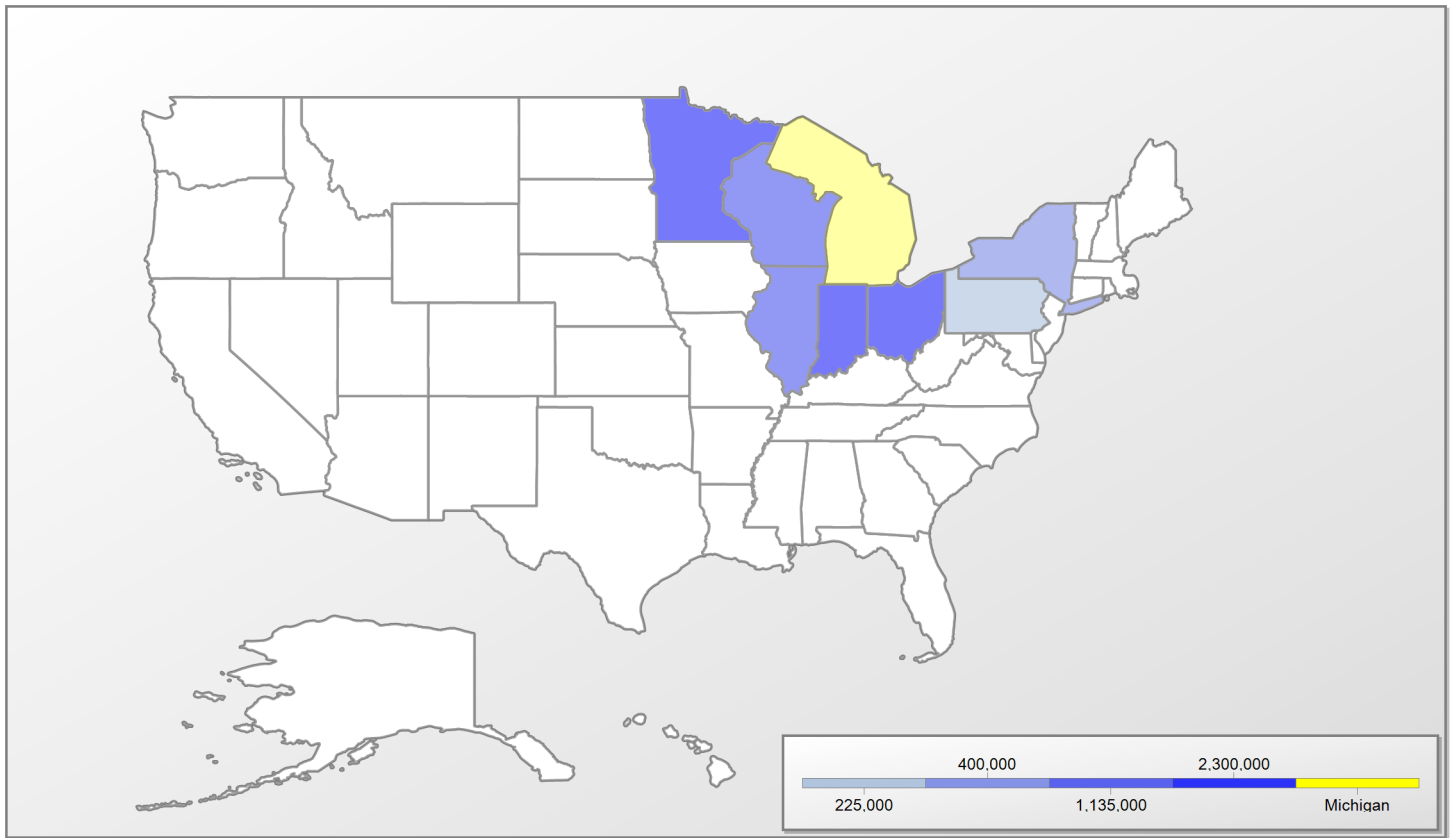
**Unknown and Not Elsewhere Classified Products

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Michigan - Continued

2020 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	5,109,399	Aggregates-51%
Indiana	3,244,015	Aggregates-89%
Wisconsin	2,881,383	Aggregates-51%
Minnesota	2,051,026	Aggregates-95%
Illinois	1,222,386	Others-73%
Canada	1,101,621	**
New York	342,217	**
Pennsylvania	228,264	Aggregates-100%
Maine		**

**Unknown and Not Elsewhere Classified Products

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Michigan - Continued

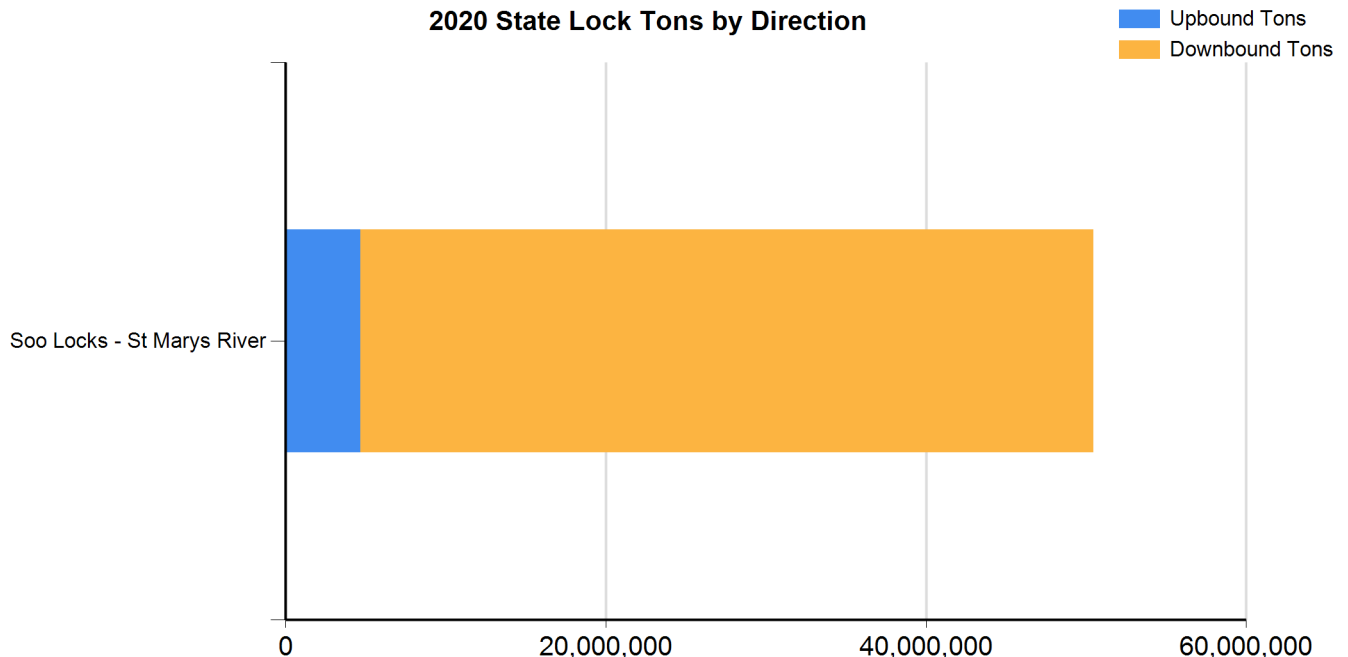
Five Year Trend of Tonnage Shipped or Received in Michigan

Commodity Group	Avg Tonnage (Millions)	% of Total Tons (All Years)	Five Year Commodity Trend (Millions of Tons)				
Aggregates	21,861,394	43%	19.87	21.83	22.11	25.17	20.33
			2016	2017	2018	2019	2020
Chemicals	309,604	<1%			0.31		0.26
			2016	2017	2018	2019	2020
Coal	10,209,370	20%	11.47	12.31	10.99	10.22	6.05
			2016	2017	2018	2019	2020
Crude Petroleum	0	**					
			2016	2017	2018	2019	2020
Grains	6,079	**					
			2016	2017	2018	2019	2020
Iron/Steel	11,009,164	21%	16.03	12.12	11.49	9.69	5.72
			2016	2017	2018	2019	2020
Ores/Minerals	1,544,150	3%			1.70	2.14	1.62
			2016	2017	2018	2019	2020
Others	5,320,798	10%	5.34	5.19	4.94	5.37	5.77
			2016	2017	2018	2019	2020
Petroleum	1,155,728	2%	1.03	1.14	1.17	1.29	1.16
			2016	2017	2018	2019	2020

Source: USACE Waterborne Commerce Statistics

** - Year = Insufficient Operators to Release Tonnage

2020 State Lock Tons by Direction



Source: USACE Waterborne Commerce Statistics

** - Insufficient operators to release directional tonnage

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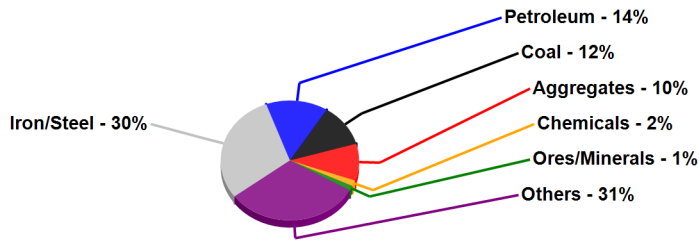
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Michigan - Continued

2020 Great Lakes Traffic Commodity Value Distribution

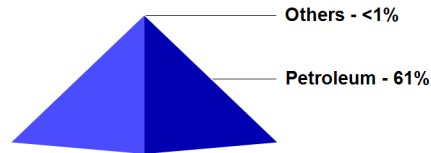
Total Value: \$1.40 (Billion)



Remaining <1% unable to release due to insufficient operators

2020 River Traffic Commodity Value Distribution

Total Value: \$0.02 (Billion)



Remaining 39% unable to release due to insufficient operators

Michigan 2020 Top 5 Waterways (Tons in thousands; values in Millions of dollars)

Waterway Name	State Rank	Tons	Value
Lake Huron	1	14,960.0	\$426.2
Detroit River, MI	2	8,197.4	\$403.9
Lake Michigan	3	7,732.3	\$282.5
St. Clair River, MI	4	5,704.4	\$110.5
Lake Superior	5	5,664.3	\$368.0

Source: USACE Waterborne Commerce Statistics, Values estimated from 2019 NDSU UGPTI Commodity Valuation Study, values indexed by PPI to 2020 price level
(Commodity dollar values are not calculated for foreign movements)

** Insufficient operators to release tonnage

Michigan 2020 Top 3 Ports (Tons in thousands)

Port Name	U.S. Rank	Type	Total Port Tons	Port Tons Within State
Detroit-Wayne County Port, MI	7	Lake	8,197.4	8,197.4
Rogers City, MI	9	Lake	6,121.5	6,121.5
Marquette, MI	10	Lake	5,663.7	5,663.7

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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