

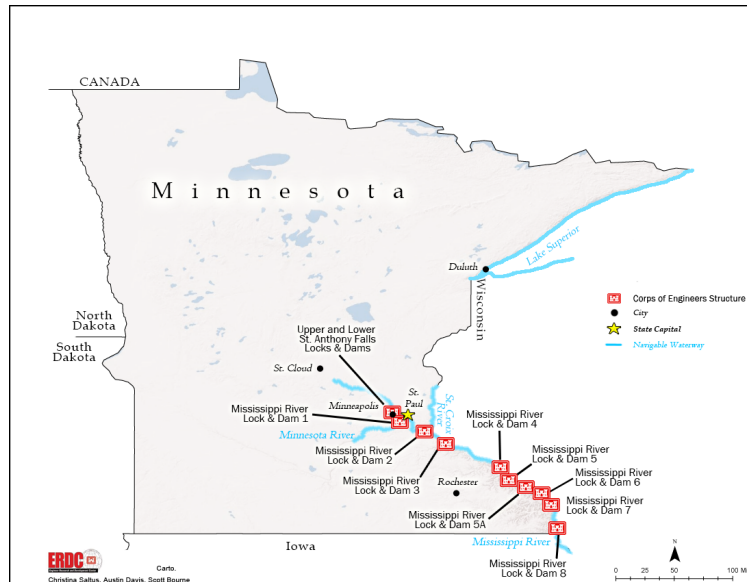


US Army Corps
of Engineers

U.S. ARMY CORPS OF ENGINEERS

Minnesota

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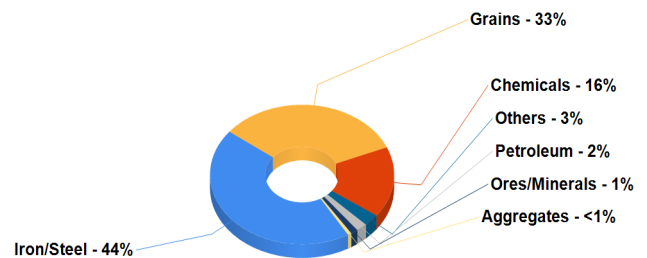


2020 State Quick Facts (Tons in Millions)

Tons Shipped -	33.6
Tons Received -	6.9
Tons Shipped Within State -	1.1
Total Commerical Docks -	74
Total Value (billions)-	\$4.71
Total Domestic Tons -	37.8
Total Import Tons -	0.4
Total Export Tons -	3.4
Total Tons -	41.7

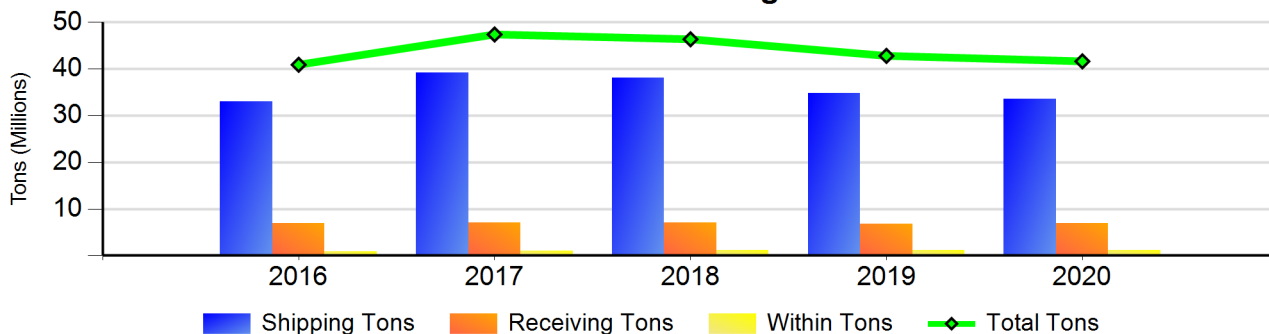
Source: Waterborne Commerce Statistics, Values estimated from 2019 NDSU UGPTI Commodity Valuation Study, values indexed by PPI to 2020 price level. (Commodity dollar values are not calculated for foreign movements)

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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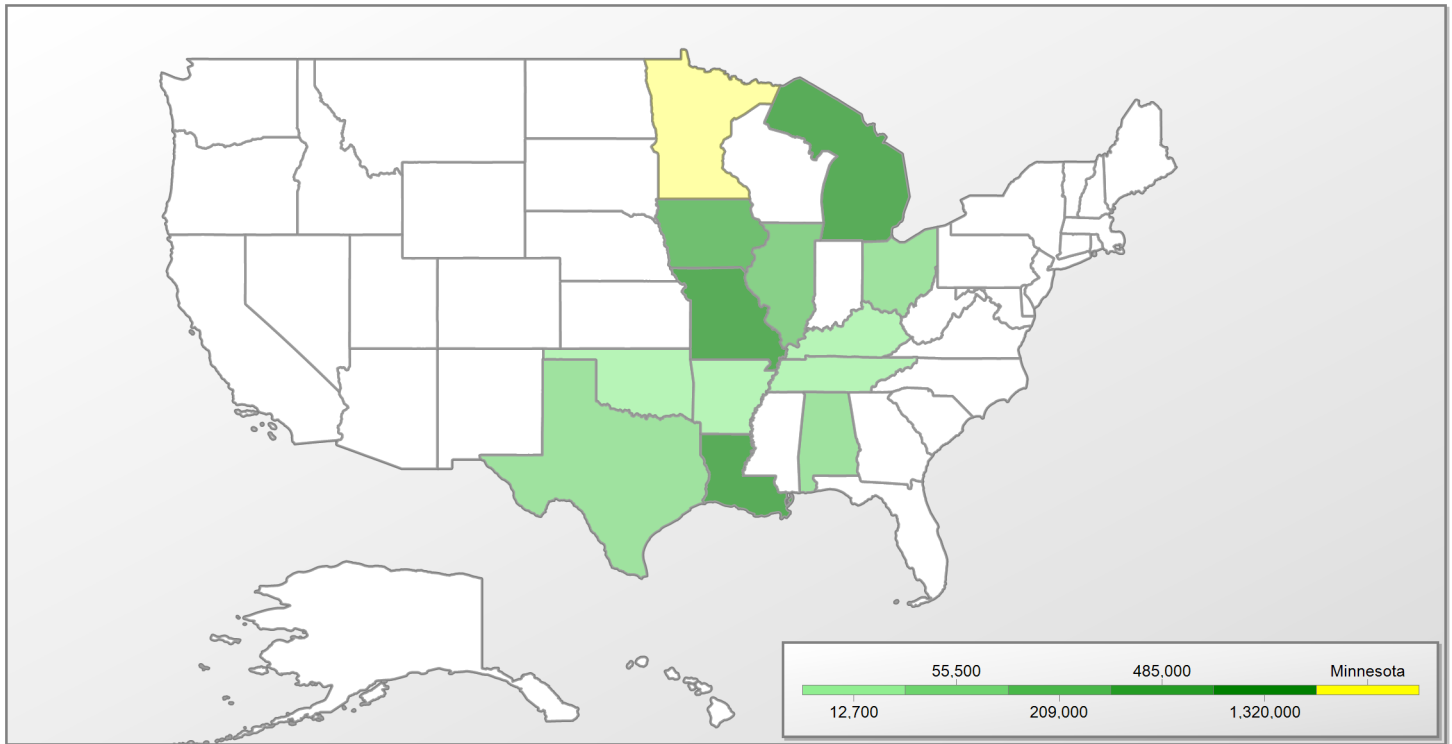
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Minnesota - Continued

2020 States Sending Commodities to Minnesota



Source: USACE Waterborne Commerce Statistics

State Sending Tons	Total Tonnage Sent to Minnesota	Top Commodity - % of Total Sent to Minnesota
Louisiana	2,466,344	Chemicals-75%
Michigan	2,051,026	Aggregates-95%
Iowa	857,121	**
Missouri	750,518	Others-94%
Canada	295,079	**
Foreign	135,217	Others-68%
Illinois	103,752	**
Ohio	87,106	**
Texas	86,902	Chemicals-100%
Alabama	68,588	**
Oklahoma	10,000	**
Tennessee	6,551	**
Arkansas	3,785	**
Kentucky	2,454	**

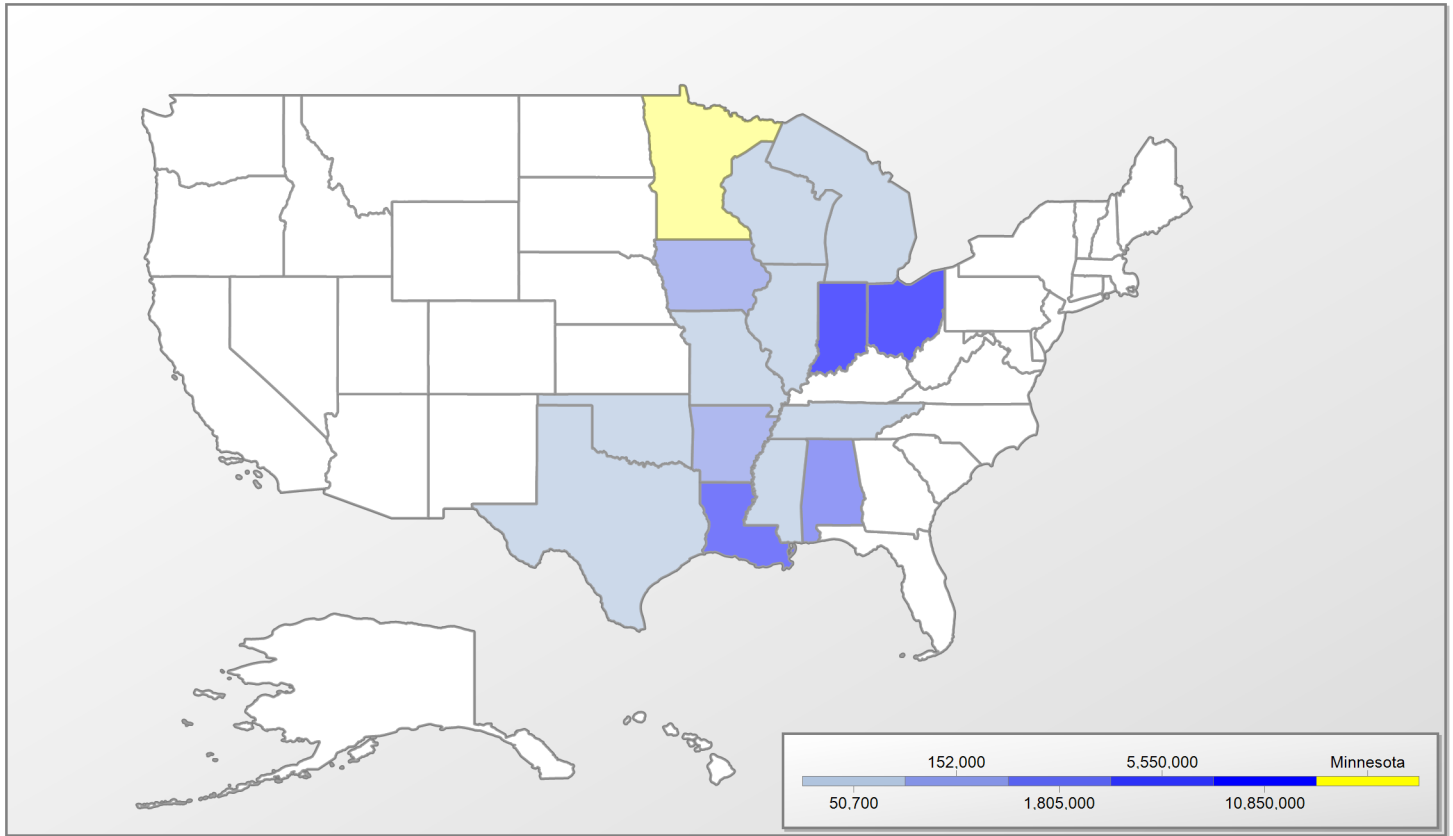
**Unknown and Not Elsewhere Classified Products

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Minnesota - Continued

2020 States Receiving Commodities From Minnesota



Source: USACE Waterborne Commerce Statistics

State Receiving Tons	Total Tonnage Received from Minnesota	Top Commodity - % of Total Received from Minnesota
Indiana	13,290,872	Iron/Steel-99%
Ohio	9,031,112	Iron/Steel-100%
Louisiana	6,701,451	Grains-98%
Canada	2,938,116	**
Foreign	483,681	Grains-87%
Alabama	289,932	Grains-98%
Iowa	271,910	Petroleum-43%
Arkansas	169,211	Iron/Steel-89%
Missouri	105,571	Petroleum-69%
Illinois	102,284	Chemicals-69%
Tennessee	72,369	**
Wisconsin	60,419	Chemicals-56%
Texas	44,252	**
Michigan	26,218	**
Mississippi	23,754	Chemicals-80%
Oklahoma	7,458	**

**Unknown and Not Elsewhere Classified Products

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Minnesota - Continued

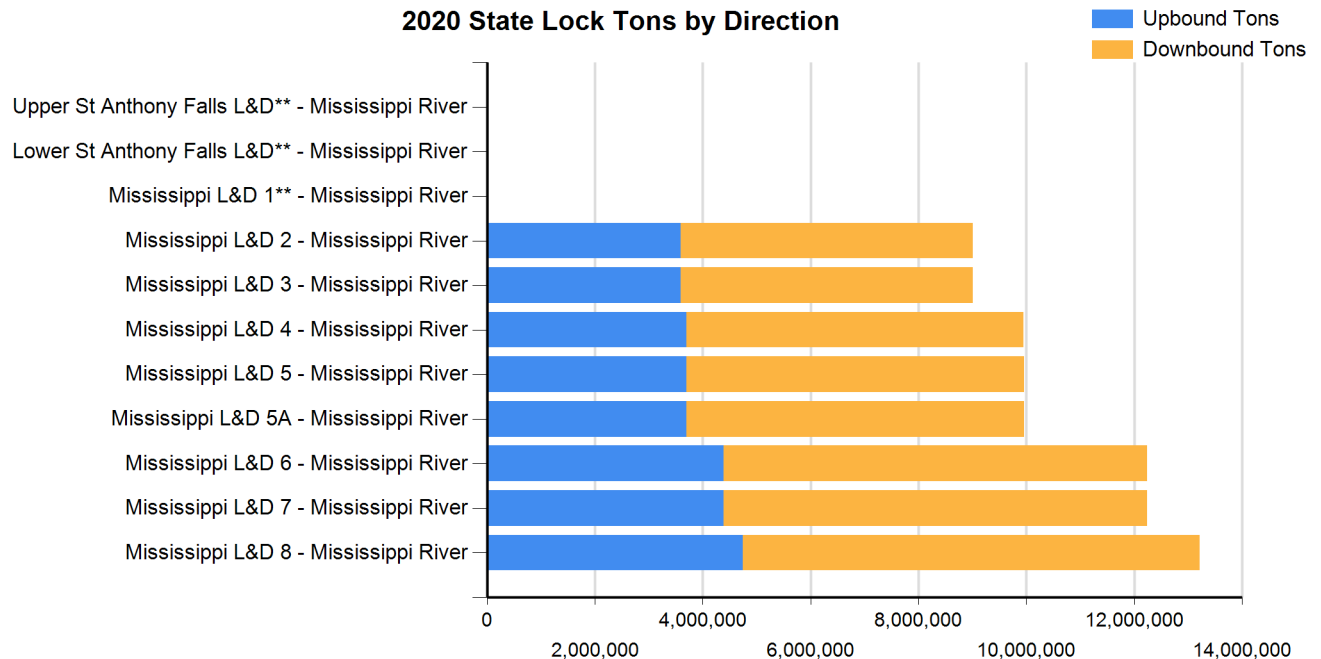
Five Year Trend of Tonnage Shipped or Received in Minnesota

Commodity Group	Avg Tonnage (Millions)	% of Total Tons (All Years)	Five Year Commodity Trend (Millions of Tons)				
Aggregates	3,852,885	9%	3.37	3.91	4.21	3.99	3.79
			2016	2017	2018	2019	2020
Chemicals	2,242,023	5%	2.32	2.36	2.11	2.11	2.31
			2016	2017	2018	2019	2020
Coal	236,670	<1%	0.39		0.23	0.18	
			2016	2017	2018	2019	2020
Crude Petroleum	0	**					
			2016	2017	2018	2019	2020
Grains	6,954,242	16%	8.57	8.60	6.20	4.07	7.33
			2016	2017	2018	2019	2020
Iron/Steel	28,339,857	65%	24.06	30.23	31.63	30.26	25.52
			2016	2017	2018	2019	2020
Ores/Minerals	946,365	2%	0.82	0.85	0.81	1.13	1.12
			2016	2017	2018	2019	2020
Others	989,539	2%	1.15	0.88	0.93	0.84	1.14
			2016	2017	2018	2019	2020
Petroleum	289,273	<1%			0.29	0.25	0.40
			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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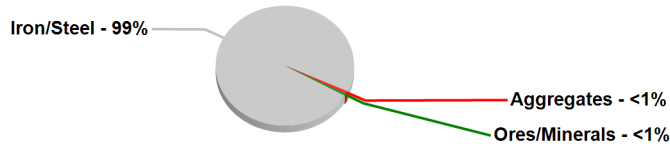
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Minnesota - Continued

2020 Great Lakes Traffic Commodity Value Distribution

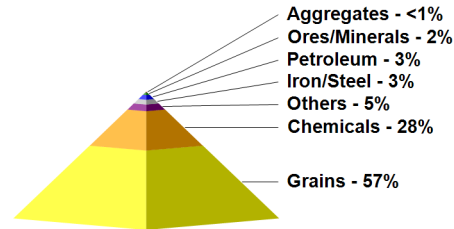
Total Value: \$2.00 (Billion)



Remaining <1% unable to release due to insufficient operators

2020 River Traffic Commodity Value Distribution

Total Value: \$2.71 (Billion)



Remaining <1% unable to release due to insufficient operators

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

Waterway Name	State Rank	Tons	Value
Lake Superior	1	28,367.3	\$1,999.2
Mississippi River	2	9,727.4	\$2,012.7
Minnesota River, MN	3	3,600.6	\$701.8

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

Minnesota 2020 Top 3 Ports (Tons in thousands)

Port Name	U.S. Rank	Type	Total Port Tons	Port Tons Within State
Duluth-Superior, MN and WI	1	Lake	25,071.1	10,532.2
Two Harbors, MN	3	Lake	13,499.8	13,499.8
St. Paul Port Authority, MN	18	River	4,791.6	4,791.6

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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