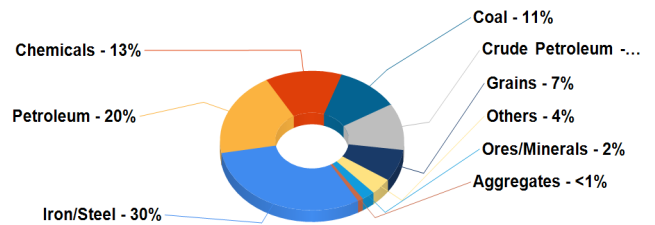




2023 State Quick Facts (Tons in Millions)

Tons Shipped -	17.7
Tons Received -	43.9
Tons Shipped Within State -	6.3
Total Commercial Docks -	167
Total Value (Billions)-	\$10.54
Total Domestic Tons -	60.0
Total Import Tons -	3.2
Total Export Tons -	4.9
Total Tons -	68.0

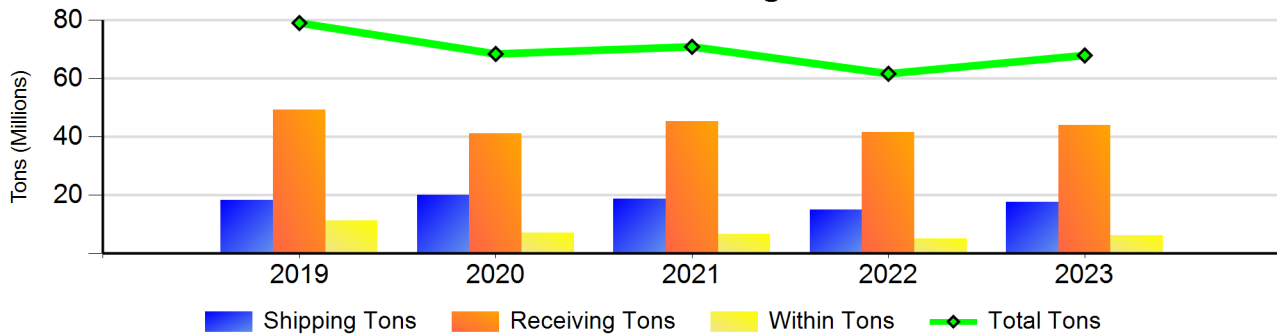
2023 All Traffic Commodity Value Distribution



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

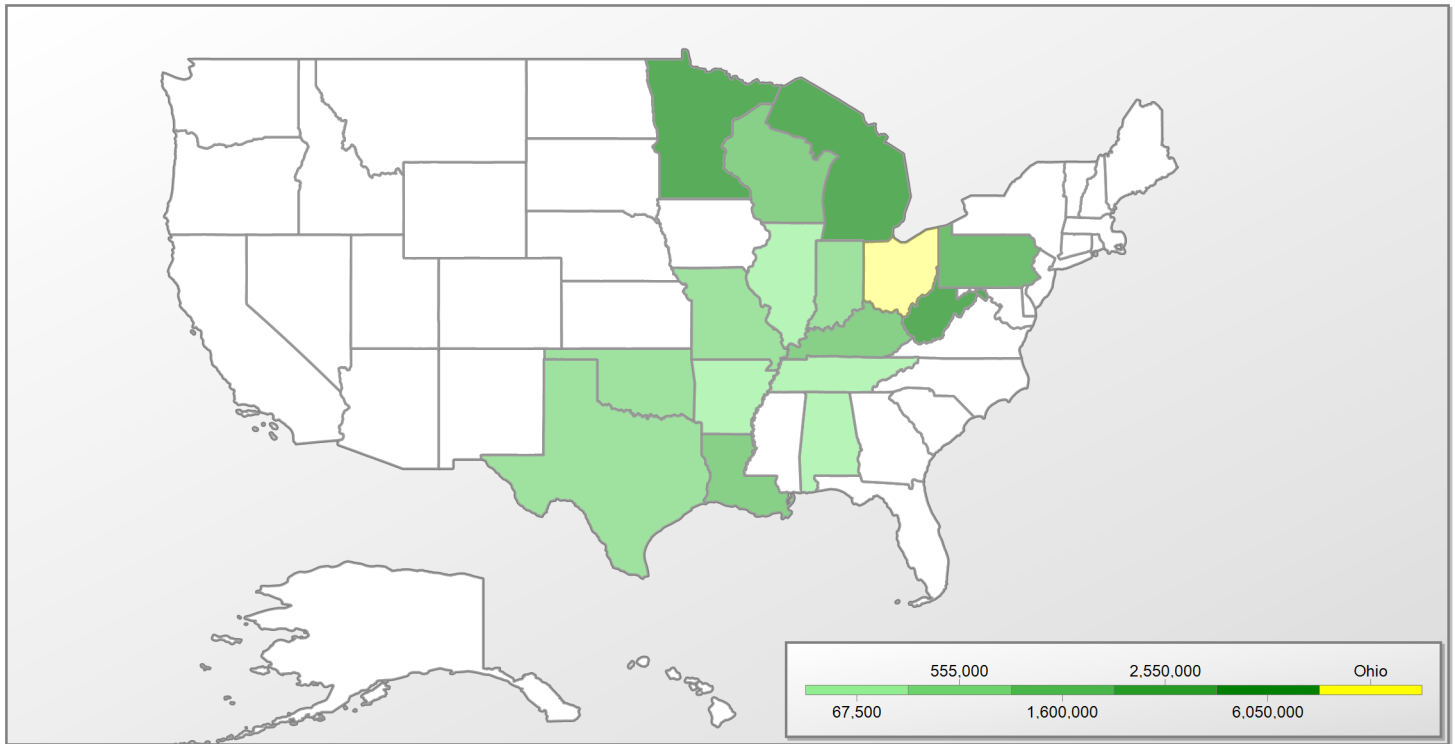
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Ohio - Continued

2023 States Sending Commodities to Ohio



Source: USACE Waterborne Commerce Statistics

State Sending Tons	Total Tonnage Sent to Ohio	Top Commodity - % of Total Sent to Ohio	State Sending Tons	Total Tonnage Sent to Ohio	Top Commodity - % of Total Sent to Ohio
West Virginia	10,518,858	Coal-83%	Tennessee	25,512	**
Minnesota	9,180,692	Iron/Steel-99%			
Michigan	6,512,803	Aggregates-54%			
Louisiana	3,854,135	Chemicals-35%			
Kentucky	3,631,402	Coal-47%			
Canada	2,708,215	**			
Pennsylvania	2,453,947	Coal-99%			
Wisconsin	2,026,875	Iron/Steel-99%			
Missouri	1,029,370	Others-59%			
Indiana	921,803	Aggregates-75%			
Foreign	442,357	Iron/Steel-55%			
Texas	255,735	Petroleum-43%			
Illinois	160,803	Others-39%			
Oklahoma	122,202	**			
Alabama	70,687	**			
Arkansas	33,980	Iron/Steel-100%			

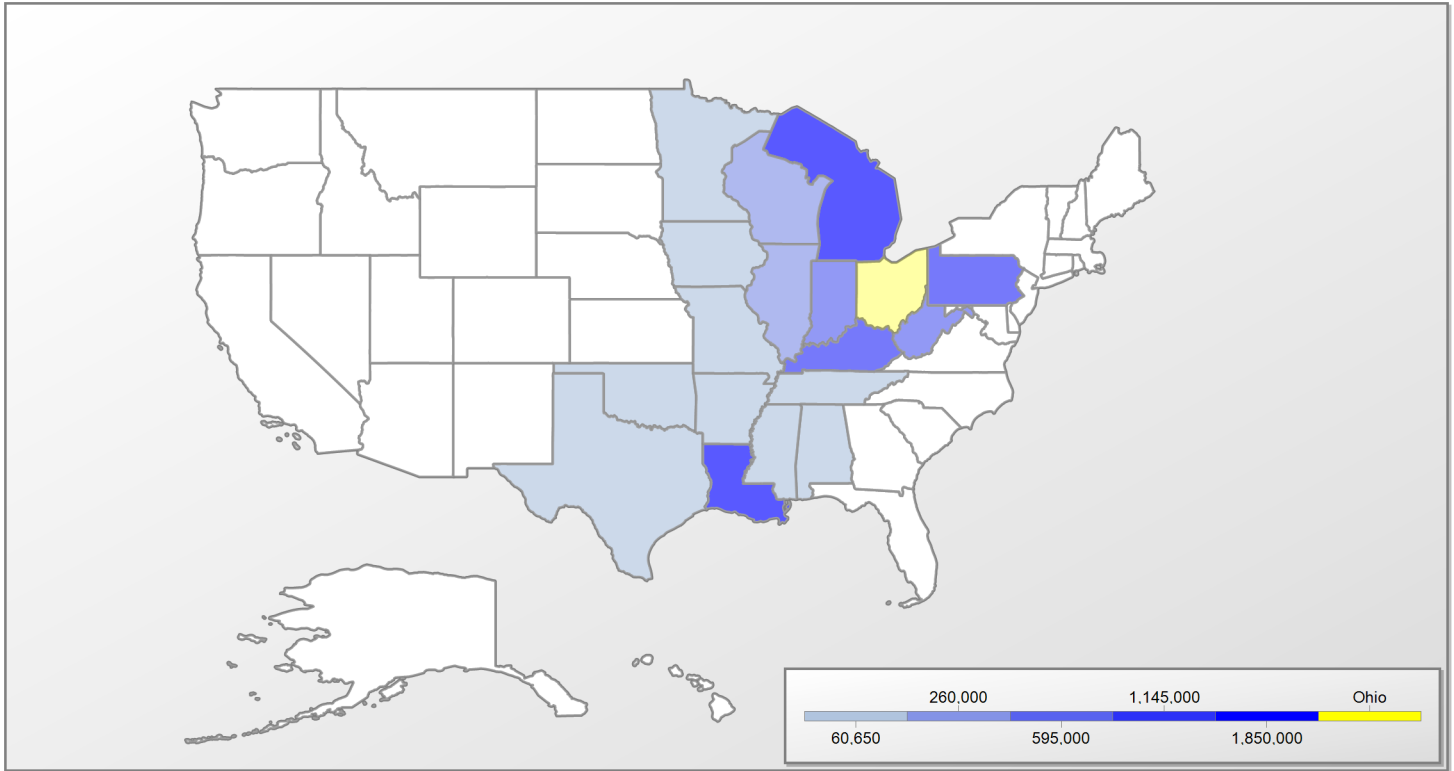
**Unknown and Not Elsewhere Classified Products

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Ohio - Continued

2023 States Receiving Commodities From Ohio



Source: USACE Waterborne Commerce Statistics

State Receiving Tons	Total Tonnage Received from Ohio	Top Commodity - % of Total Received from Ohio	State Receiving Tons	Total Tonnage Received from Ohio	Top Commodity - % of Total Received from Ohio
Canada	3,971,733	**	Alabama	15,021	Grains-46%
Kentucky	3,195,630	**	Oklahoma	9,332	**
Louisiana	3,033,097	Grains-69%	Iowa	1,350	**
Michigan	2,606,902	Coal-61%			
Pennsylvania	1,605,111	Aggregates-73%			
Foreign	918,971	Coal-71%			
West Virginia	849,438	Coal-48%			
Indiana	586,382	Iron/Steel-68%			
Wisconsin	397,792	**			
Illinois	205,876	**			
Texas	172,013	Iron/Steel-63%			
Mississippi	60,800	**			
Minnesota	26,556	**			
Tennessee	24,495	**			
Missouri	18,722	**			
Arkansas	17,444	Iron/Steel-70%			

**Unknown and Not Elsewhere Classified Products

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Ohio - Continued

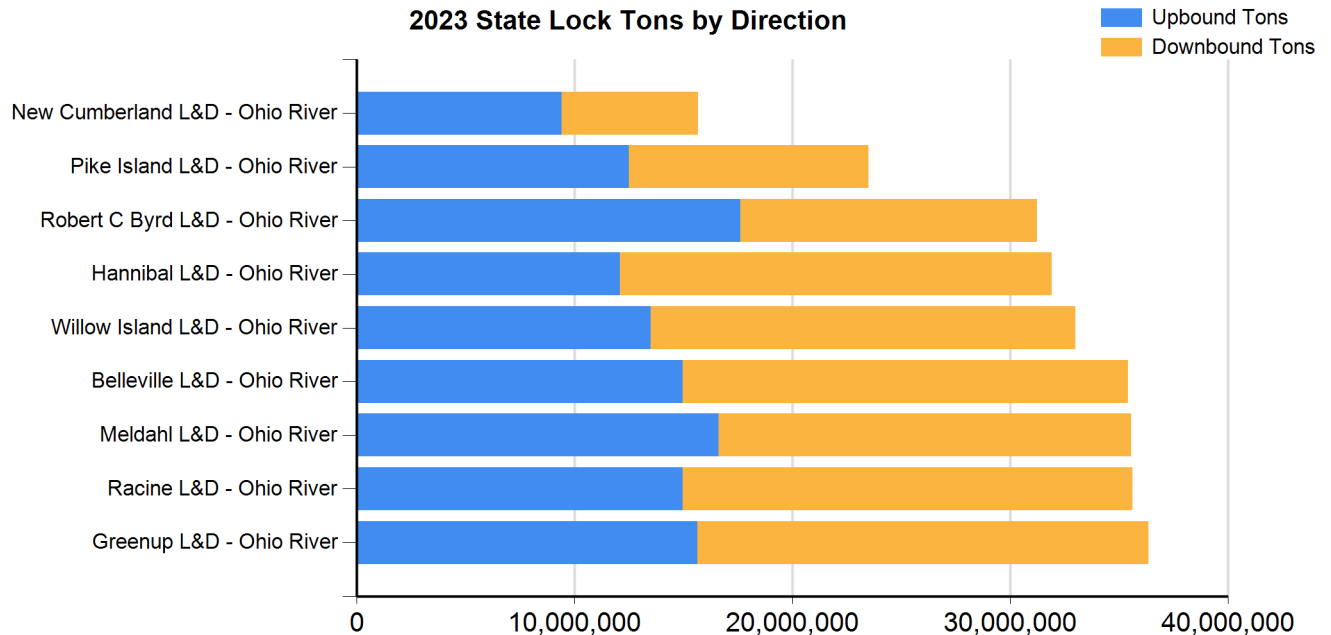
Five Year Trend of Tonnage Shipped or Received in Ohio

Commodity Group	Avg Tonnage	% of Total Tons (All Years)	Five Year Commodity Trend (Millions of Tons)				
Aggregates	12,462,900	18%	14.75	12.44	13.06	11.26	10.81
			2019	2020	2021	2022	2023
Chemicals	2,634,990	4%	2.84	2.81	2.65	2.47	2.40
			2019	2020	2021	2022	2023
Coal	22,208,129	32%	29.86	20.76	21.66	18.67	20.08
			2019	2020	2021	2022	2023
Crude Petroleum	1,912,346	3%	2.00	2.37	1.32	1.56	2.31
			2019	2020	2021	2022	2023
Grains	3,280,202	5%	2.48	2.89	3.99	3.86	3.17
			2019	2020	2021	2022	2023
Iron/Steel	18,373,244	26%	18.08	18.47	19.03	15.73	20.56
			2019	2020	2021	2022	2023
Ores/Minerals	2,941,893	4%	2.92	3.20	3.27	2.38	2.94
			2019	2020	2021	2022	2023
Others	2,715,116	4%	3.20	2.60	2.60	2.73	2.44
			2019	2020	2021	2022	2023
Petroleum	3,133,217	4%	2.97	2.97	3.37	3.06	3.29
			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

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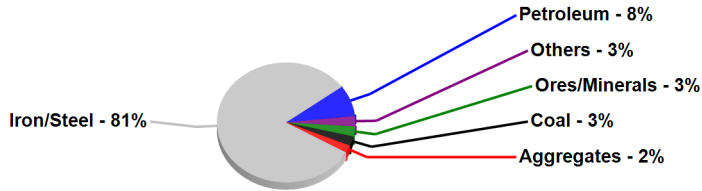
Ohio - Continued

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

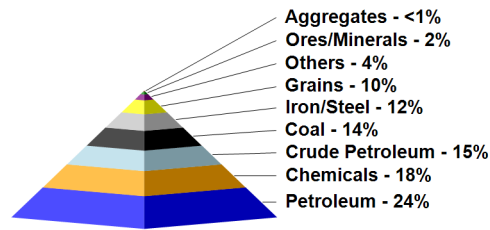
Total Value: \$2.82 (Billion)



Remaining <1% unable to release due to insufficient operators

2023 River Traffic Commodity Value Distribution

Total Value: \$7.72 (Billion)



Remaining <1% unable to release due to insufficient operators

Ohio 2023 Top Waterways

Waterway Name	State Rank	Tons (Thousands)	Value (Millions)
Lake Erie, Including Upper Niagara River	1	35,800.1	\$2,816.6
Ohio River	2	32,201.1	\$7,721.1

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

Ohio 2023 Top 3 Ports (Tons in thousands)

Port Name	U.S. Rank	Type	Total Port Tons	Port Tons Within State
Mid-Ohio Valley Port Statistical District, OH and WV	2	River	32,669.6	12,304.6
Cleveland-Cuyahoga County, OH	4	Lake	13,831.3	13,831.3
Toledo-Lucas County Port Authority, OH	5	Lake	11,209.3	11,209.3

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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