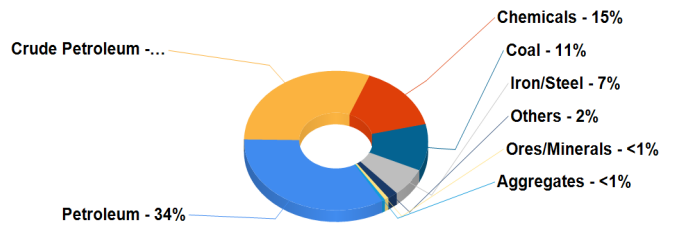


2023 State Quick Facts (Tons in Millions)

Tons Shipped -	17.9
Tons Received -	29.3
Tons Shipped Within State -	5.2
Total Commercial Docks -	92
Total Value (Billions)-	\$8.40
Total Domestic Tons -	29.6
Total Import Tons -	13.8
Total Export Tons -	8.9
Total Tons -	52.4

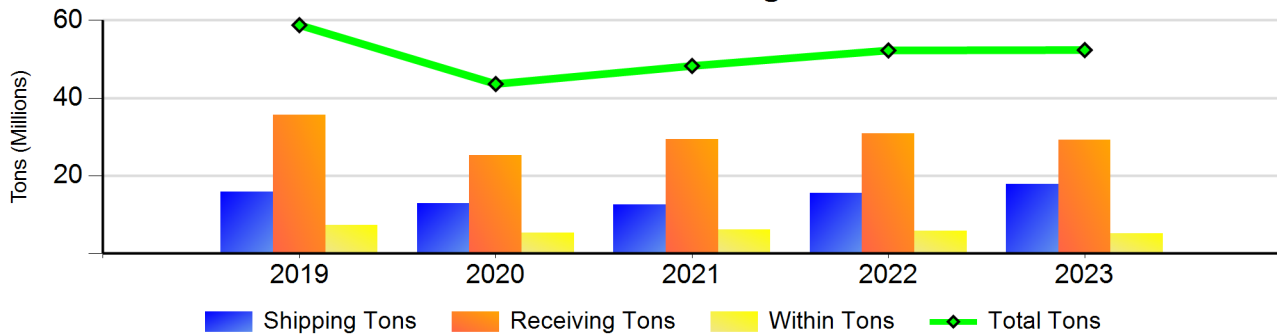
Source: Waterborne Commerce Statistics. Values estimated from 2019 NDSU UGPTI Commodity Valuation Study, values indexed by PPI to 2023 price level. (Commodity dollar values are not calculated for foreign movements)

2023 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). Remaining 0% unable to release due to insufficient operators.

State Five Year Tonnage Trend



Source: USACE Waterborne Commerce Statistics

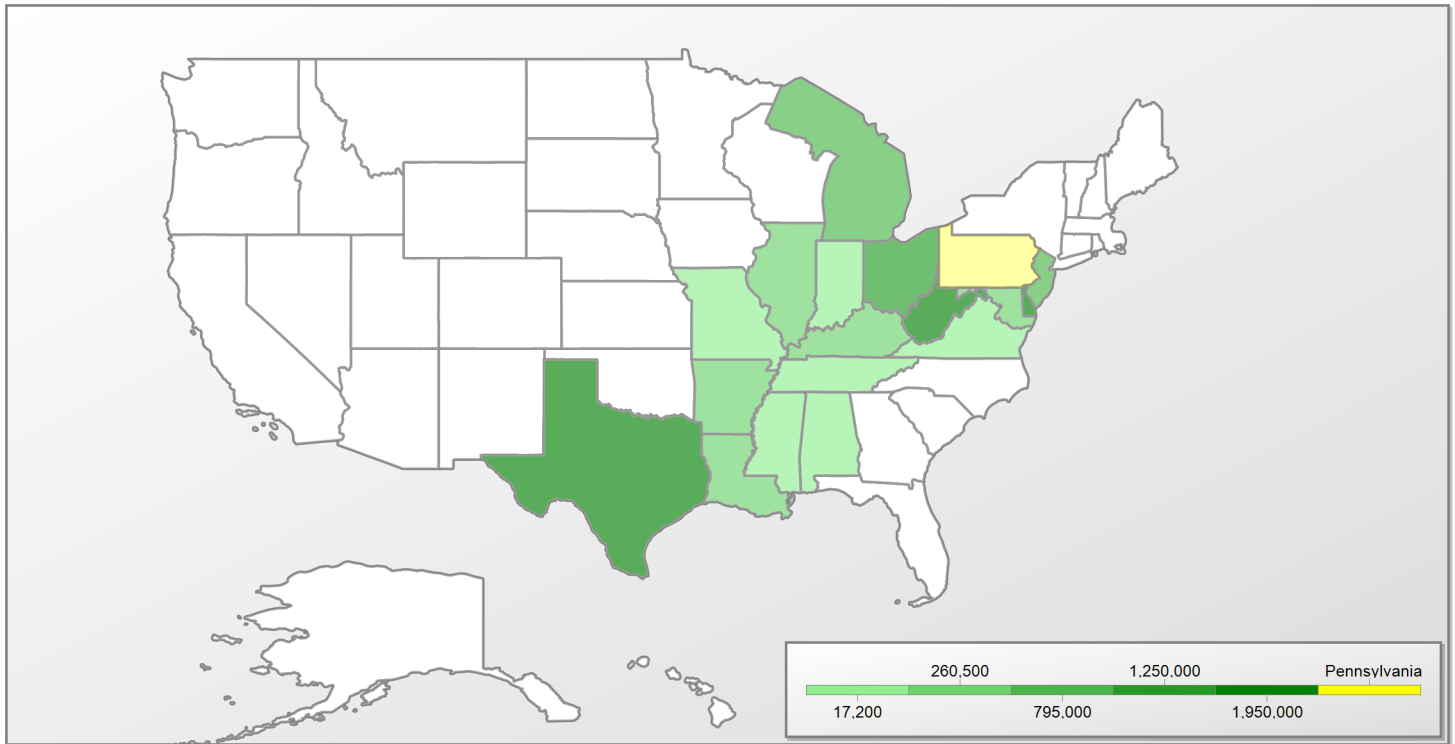
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Pennsylvania - Continued

2023 States Sending Commodities to Pennsylvania



Source: USACE Waterborne Commerce Statistics

State Sending Tons	Total Tonnage Sent to Pennsylvania	Top Commodity - % of Total Sent to Pennsylvania	State Sending Tons	Total Tonnage Sent to Pennsylvania	Top Commodity - % of Total Sent to Pennsylvania
Foreign	13,576,953	Others-57%	Indiana	8,890	**
West Virginia	5,016,053	**	Alabama	8,146	**
Delaware	2,469,581	**	Tennessee	4,348	**
Texas	2,049,510	**			
Ohio	1,605,111	Aggregates-73%			
New Jersey	1,413,117	Petroleum-75%			
Kentucky	823,594	**			
Louisiana	737,248	Ores/Minerals-34%			
Michigan	675,020	**			
Illinois	295,717	**			
Maryland	248,640	**			
Canada	232,821	**			
Arkansas	44,322	**			
Mississippi	25,726	**			
Missouri	24,609	**			
Virginia	24,331	**			

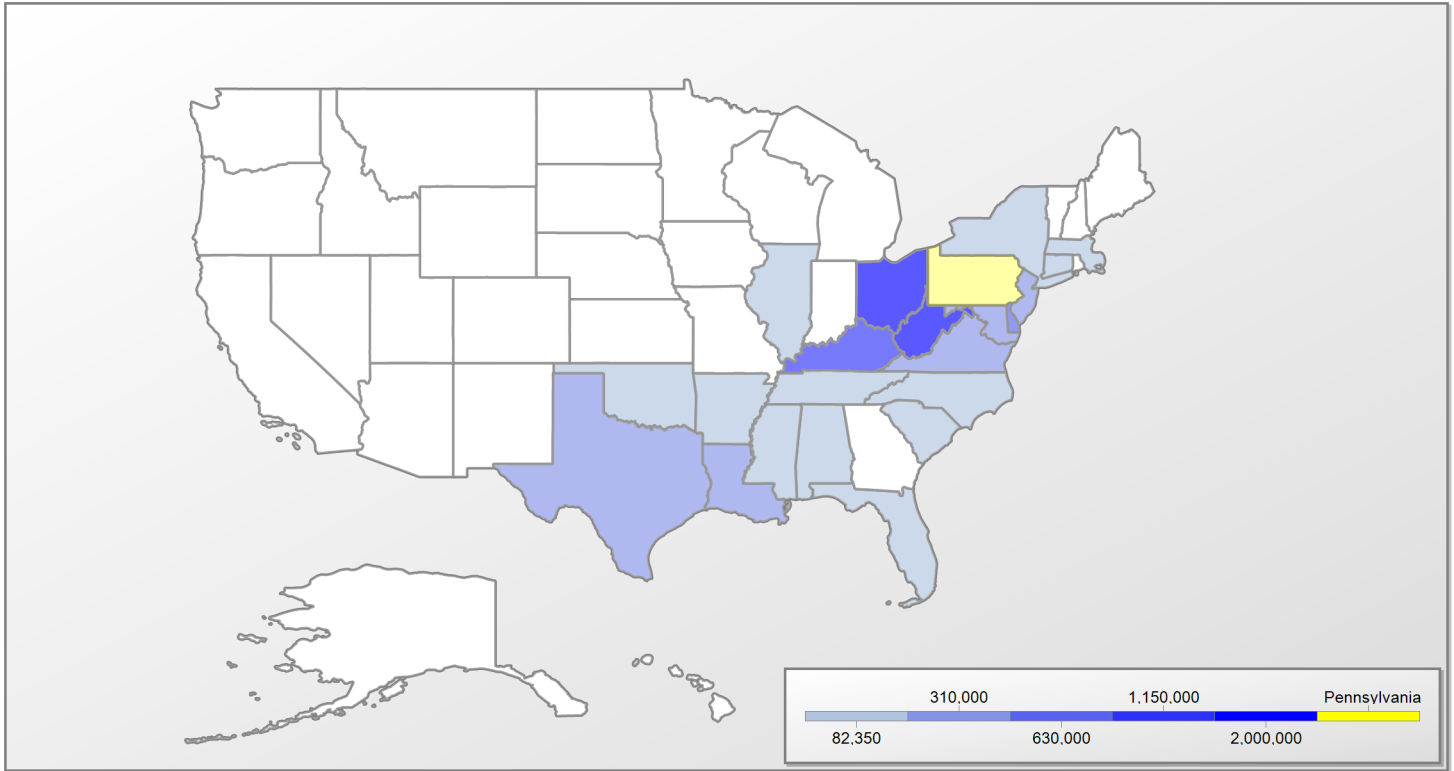
**Unknown and Not Elsewhere Classified Products

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Pennsylvania - Continued

2023 States Receiving Commodities From Pennsylvania



Source: USACE Waterborne Commerce Statistics

State Receiving Tons	Total Tonnage Received from Pennsylvania	Top Commodity - % of Total Received from Pennsylvania	State Receiving Tons	Total Tonnage Received from Pennsylvania	Top Commodity - % of Total Received from Pennsylvania
Foreign	8,899,193	Petroleum-69%	Canada	24,675	**
Ohio	2,453,947	Coal-99%	Illinois	21,481	**
West Virginia	2,045,781	Coal-97%	Massachusetts	19,807	**
Kentucky	1,265,959	Coal-88%	Oklahoma	13,391	**
Delaware	642,204	Petroleum-75%	Connecticut	11,808	**
Virginia	604,958	**	Florida	10,500	**
New Jersey	459,477	Petroleum-98%	Mississippi	4,742	**
Louisiana	346,330	Coal-97%	American Samoa	179	**
Texas	336,562	**			
Maryland	225,983	**			
Arkansas	156,294	**			
North Carolina	104,373	**			
Alabama	93,259	**			
New York	69,810	**			
Tennessee	45,378	**			
South Carolina	43,789	**			

**Unknown and Not Elsewhere Classified Products

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Pennsylvania - Continued

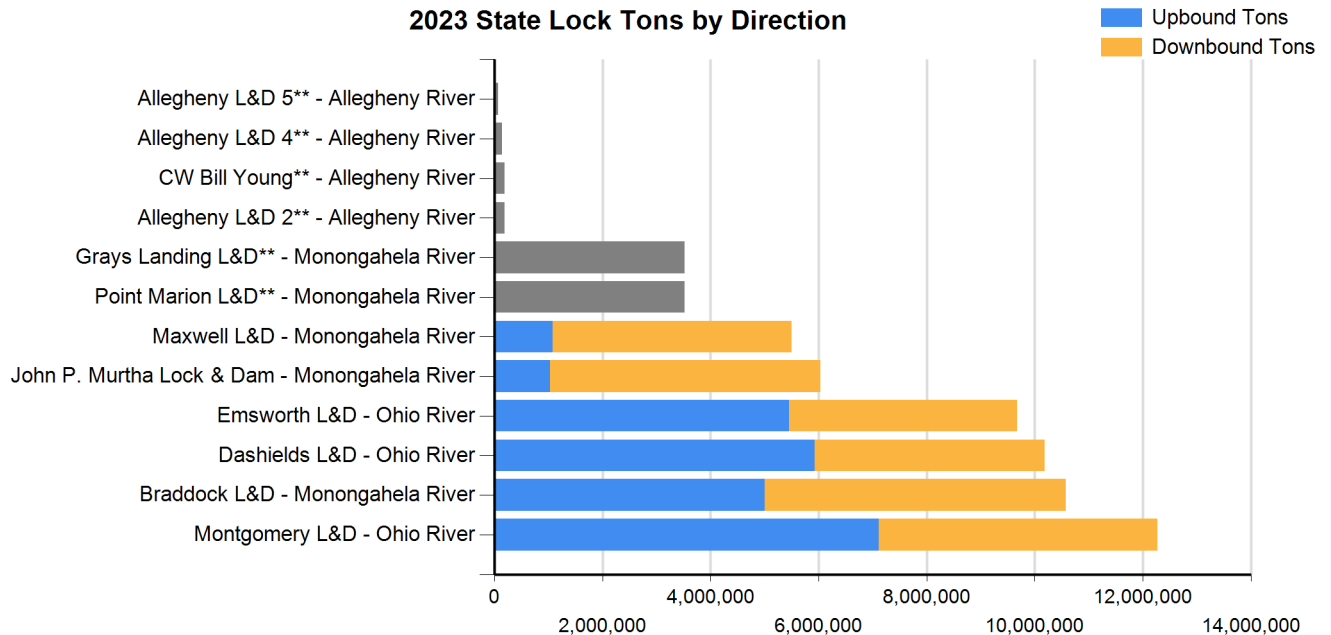
Five Year Trend of Tonnage Shipped or Received in Pennsylvania

Commodity Group	Avg Tonnage	% of Total Tons (All Years)	Five Year Commodity Trend (Millions of Tons)				
Aggregates	4,642,157	9%	5.27	4.58	4.32	4.33	4.71
Chemicals	4,389,418	9%	4.55	4.24	4.42	4.62	4.12
Coal	11,245,535	22%	13.48	9.10	10.22	10.95	12.47
Crude Petroleum	10,232,875	20%	15.22	8.04	9.50	9.46	8.95
Grains	130,527	**				0.13	
Iron/Steel	1,836,987	4%	2.22	1.57	1.67	1.99	1.73
Ores/Minerals	1,180,620	2%	1.47	1.00	1.24	1.36	0.84
Others	8,586,257	17%	7.63	7.50	8.76	9.95	9.09
Petroleum	8,835,636	17%	8.82	7.47	8.07	9.48	10.33

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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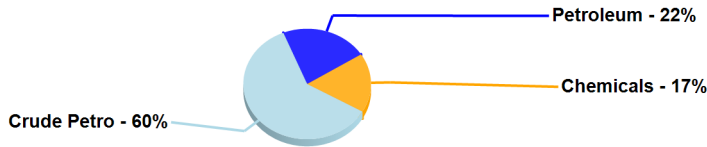
Pennsylvania - Continued

Domestic 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 Coastal Traffic Commodity Value Distribution

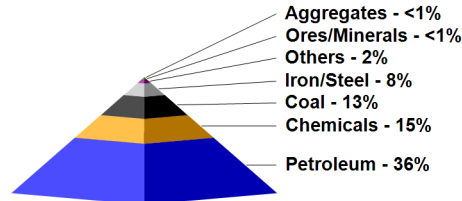
Total Value: \$1.44 (Billion)



Remaining <1% unable to release due to insufficient operators

2023 River Traffic Commodity Value Distribution

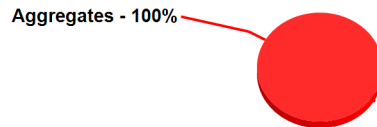
Total Value: \$6.95 (Billion)



Remaining 25% unable to release due to insufficient operators

2023 Great Lakes Traffic Commodity Value Distribution

Total Value: \$0.01 (Billion)



Remaining <1% unable to release due to insufficient operators

Pennsylvania 2023 Top 5 Waterways

Waterway Name	State Rank	Tons (Thousands)	Value (Millions)
Delaware River	1	31,865.9	\$5,072.9
Monongahela River, PA and WV	2	12,994.5	\$1,191.3
Ohio River	3	5,728.5	\$1,484.8
Lake Erie, Including Upper Niagara River	4	976.9	\$8.2
Schuylkill River, PA	5	881.8	\$613.0

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

Pennsylvania 2023 Top 3 Ports (Tons in thousands)

Port Name	U.S. Rank	Type	Total Port Tons	Port Tons Within State
Philadelphia Regional Port Authority, PA	9	River/Coastal	31,132.0	29,977.2
Port of Pittsburgh Commission, PA	6	River	18,698.2	18,698.2
Erie, PA	25	Lake	976.9	976.9

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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