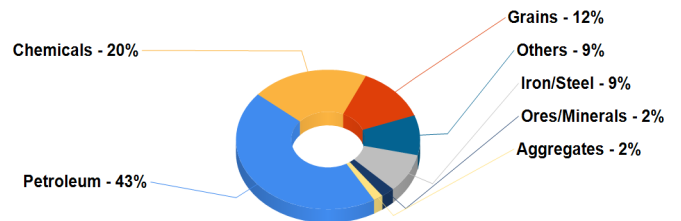


2023 State Quick Facts (Tons in Millions)

Tons Shipped -	4.0
Tons Received -	19.2
Tons Shipped Within State -	2.1
Total Commercial Docks -	131
Total Value (Billions)-	\$6.28
Total Domestic Tons -	25.2
Total Import Tons -	0.0
Total Export Tons -	0.0
Total Tons -	25.2

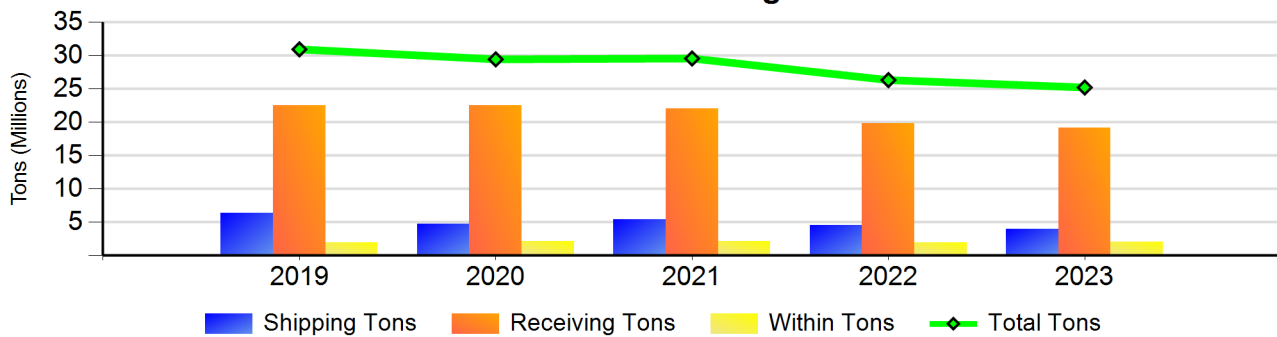
Source: Waterborne Commerce Statistics. Values estimated from 2019 NDSU UGPTI Commodity Valuation Study, values indexed by PPI to 2023 price level. (Commodity dollar values are not calculated for foreign movements)

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 3% unable to release due to insufficient operators.

State Five Year Tonnage Trend



Source: USACE Waterborne Commerce Statistics

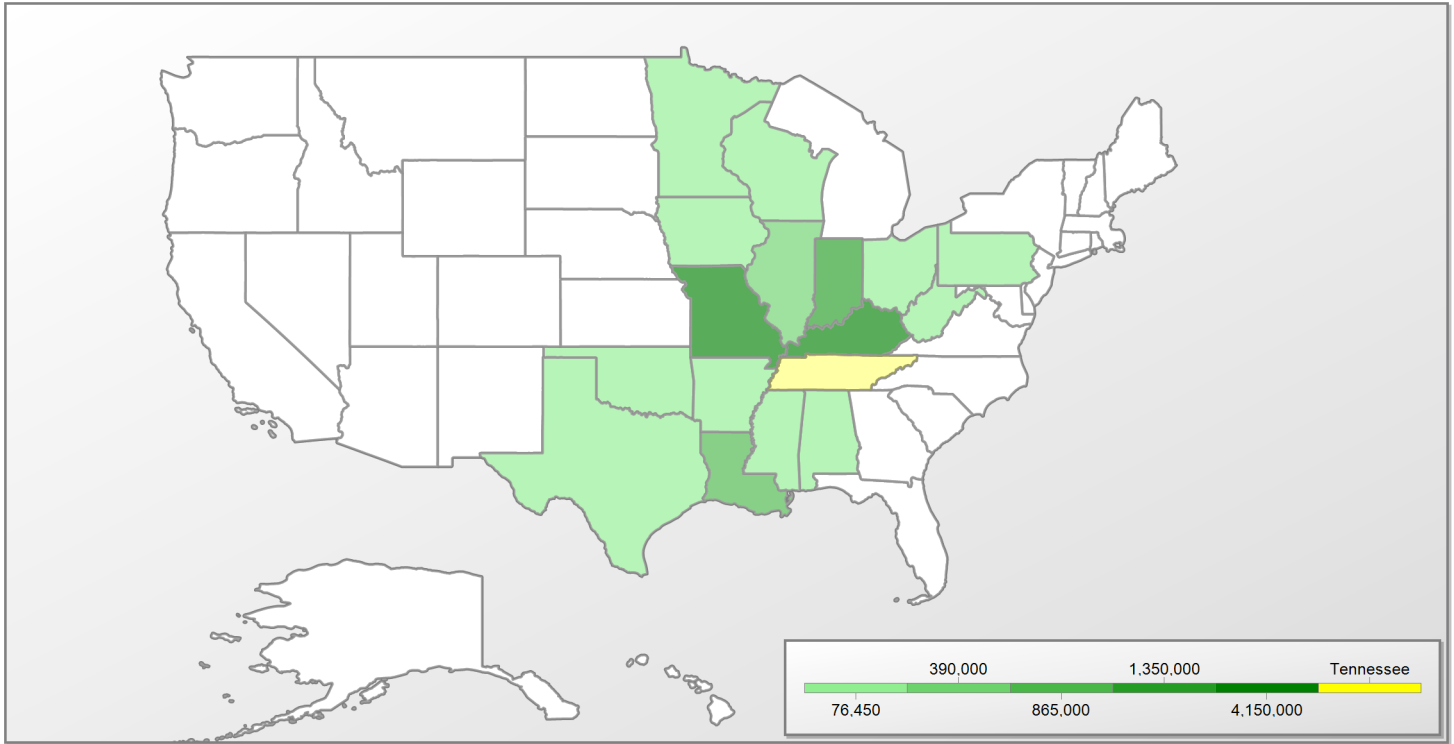
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Tennessee - Continued

2023 States Sending Commodities to Tennessee



Source: USACE Waterborne Commerce Statistics

State Sending Tons	Total Tonnage Sent to Tennessee	Top Commodity - % of Total Sent to Tennessee
Kentucky	9,283,057	Aggregates-72%
Louisiana	3,422,974	Chemicals-31%
Missouri	3,395,534	Others-58%
Indiana	1,515,158	Petroleum-86%
Illinois	756,680	Chemicals-28%
Alabama	184,203	Iron/Steel-57%
Arkansas	160,775	**
Texas	129,985	Iron/Steel-47%
West Virginia	100,866	**
Oklahoma	92,774	**
Pennsylvania	45,378	**
Mississippi	31,669	**
Ohio	24,495	**
Minnesota	23,238	**
Iowa	2,991	**
Wisconsin	2,977	**

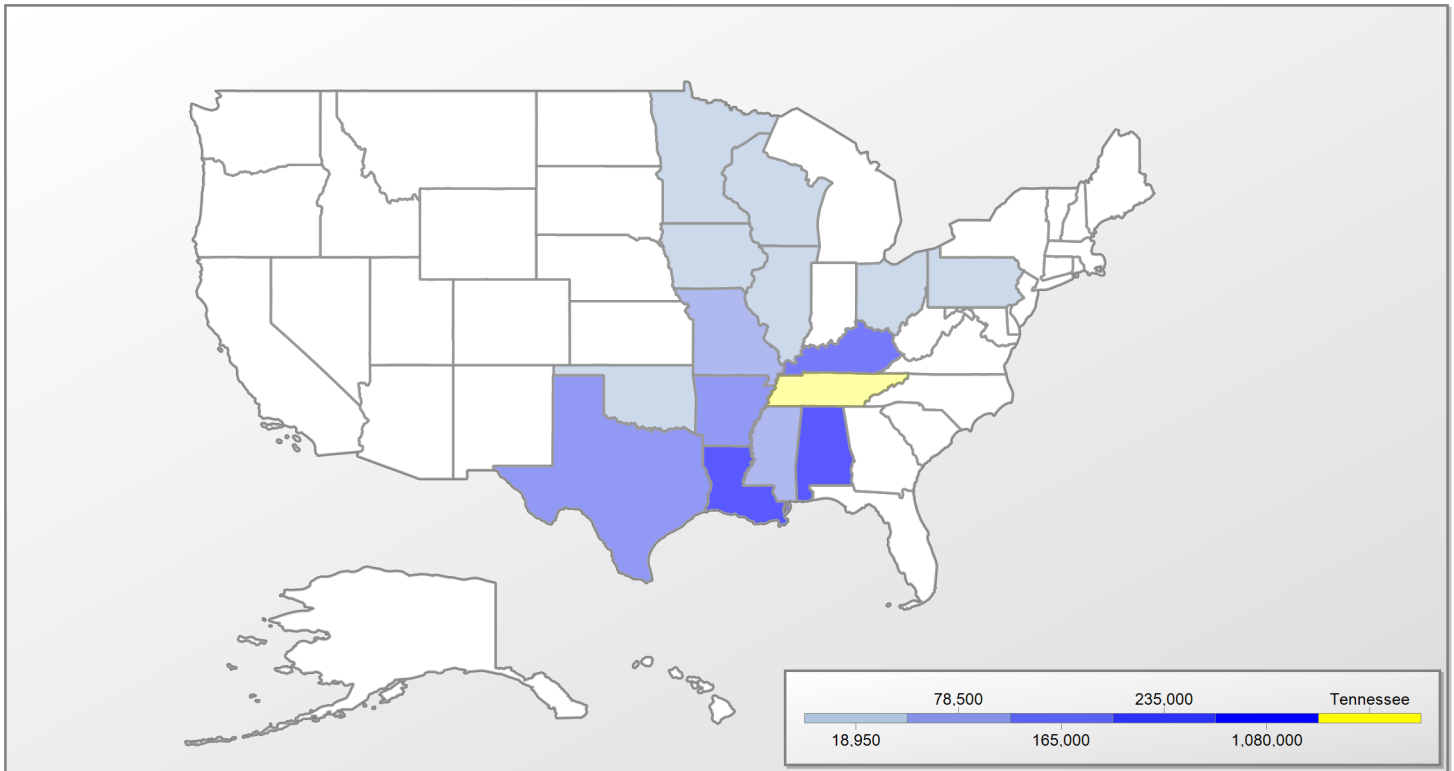
**Unknown and Not Elsewhere Classified Products

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Tennessee - Continued

2023 States Receiving Commodities From Tennessee



Source: USACE Waterborne Commerce Statistics

State Receiving Tons	Total Tonnage Received from Tennessee	Top Commodity - % of Total Received from Tennessee
Louisiana	2,549,693	Grains-74%
Alabama	495,994	Iron/Steel-60%
Texas	286,297	**
Kentucky	283,602	Petroleum-83%
Arkansas	156,431	Iron/Steel-93%
Missouri	97,459	Petroleum-100%
Mississippi	50,851	Petroleum-97%
Illinois	36,157	Chemicals-47%
Ohio	25,512	**
Minnesota	23,494	**
Pennsylvania	4,348	**
Oklahoma	4,195	**
Iowa	2,608	**
Wisconsin	900	**

**Unknown and Not Elsewhere Classified Products

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Tennessee - Continued

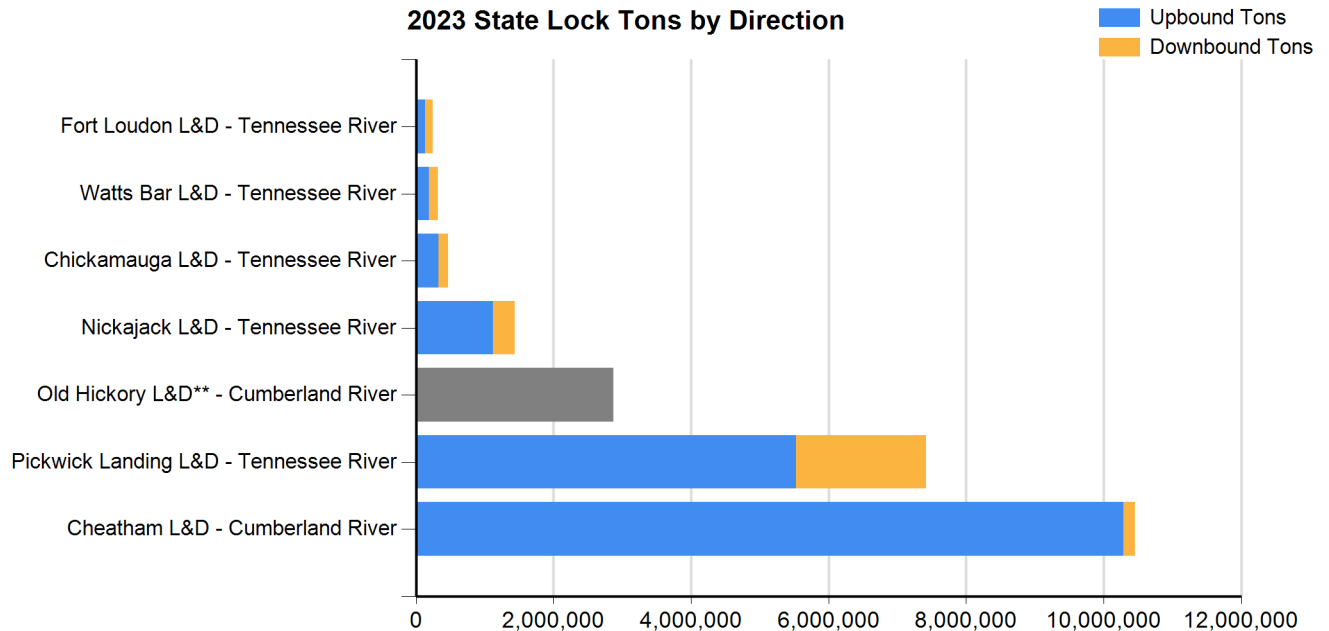
Five Year Trend of Tonnage Shipped or Received in Tennessee

Commodity Group	Avg Tonnage	% of Total Tons (All Years)	Five Year Commodity Trend (Millions of Tons)				
Aggregates	10,296,791	36%	9.56	10.45	11.45	9.89	10.14
Chemicals	1,987,680	7%	1.97	2.10	2.24	1.90	1.74
Coal	3,774,712	13%	5.87	4.76	3.18	2.46	
Crude Petroleum	139,868	<1%	0.65	0.05			
Grains	2,921,569	10%	3.43	3.12	3.31	2.66	2.09
Iron/Steel	1,254,579	4%	1.51	1.10	1.37	1.20	1.09
Ores/Minerals	1,169,374	4%	1.23	1.06	1.21	1.38	0.96
Others	2,348,700	8%	1.97	2.31	2.47	2.32	2.69
Petroleum	4,428,434	16%	4.79	4.53	4.37	4.54	3.91

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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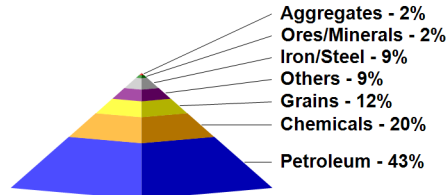
Tennessee - Continued

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 River Traffic Commodity Value Distribution

Total Value: \$6.28 (Billion)



Remaining 3% unable to release due to insufficient operators

Tennessee 2023 Top 5 Waterways

Waterway Name	State Rank	Tons (Thousands)	Value (Millions)
Cumberland River	1	11,745.4	\$2,369.3
Mississippi River	2	4,968.5	\$927.6
Tennessee River, TN, AL and KY	3	4,442.4	\$879.1
Memphis Harbor, TN	4	3,480.1	\$1,861.7
Pidgeon Industrial Harbor, Memphis, TN	5	206.7	\$104.9

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

Tennessee 2023 Top 3 Ports (Tons in thousands)

Port Name	U.S. Rank	Type	Total Port Tons	Port Tons Within State
Nashville, TN	13	River	7,557.6	7,557.6
Memphis and Shelby County, TN	15	River	7,195.4	6,957.0
Chattanooga, TN	36	River	2,139.0	2,139.0

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