

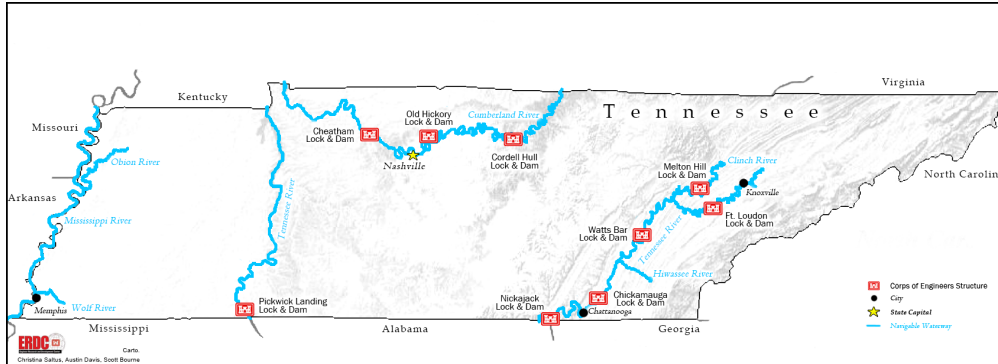


US Army Corps
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U.S. ARMY CORPS OF ENGINEERS

Tennessee

BUILDING STRONG®

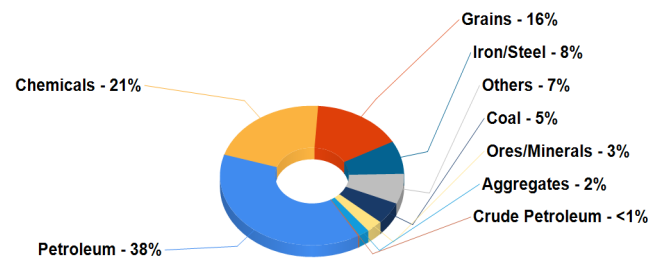


2020 State Quick Facts (Tons in Millions)

Tons Shipped -	4.8
Tons Received -	22.5
Tons Shipped Within State -	2.2
Total Commerical Docks -	130
Total Value (billions)-	\$4.60
Total Domestic Tons -	29.5
Total Import Tons -	0.0
Total Export Tons -	0.0
Total Tons -	29.5

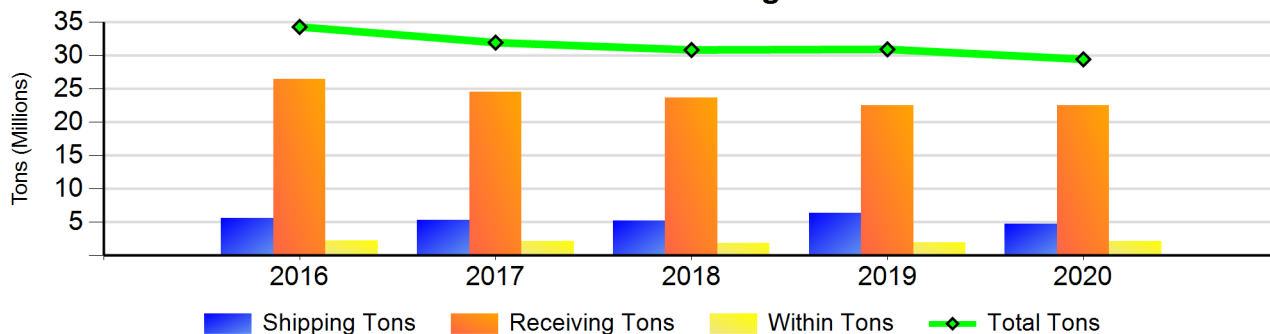
Source: Waterborne Commerce Statistics, Values estimated from 2019 NDSU UGPTI Commodity Valuation Study, values indexed by PPI to 2020 price level. (Commodity dollar values are not calculated for foreign movements)

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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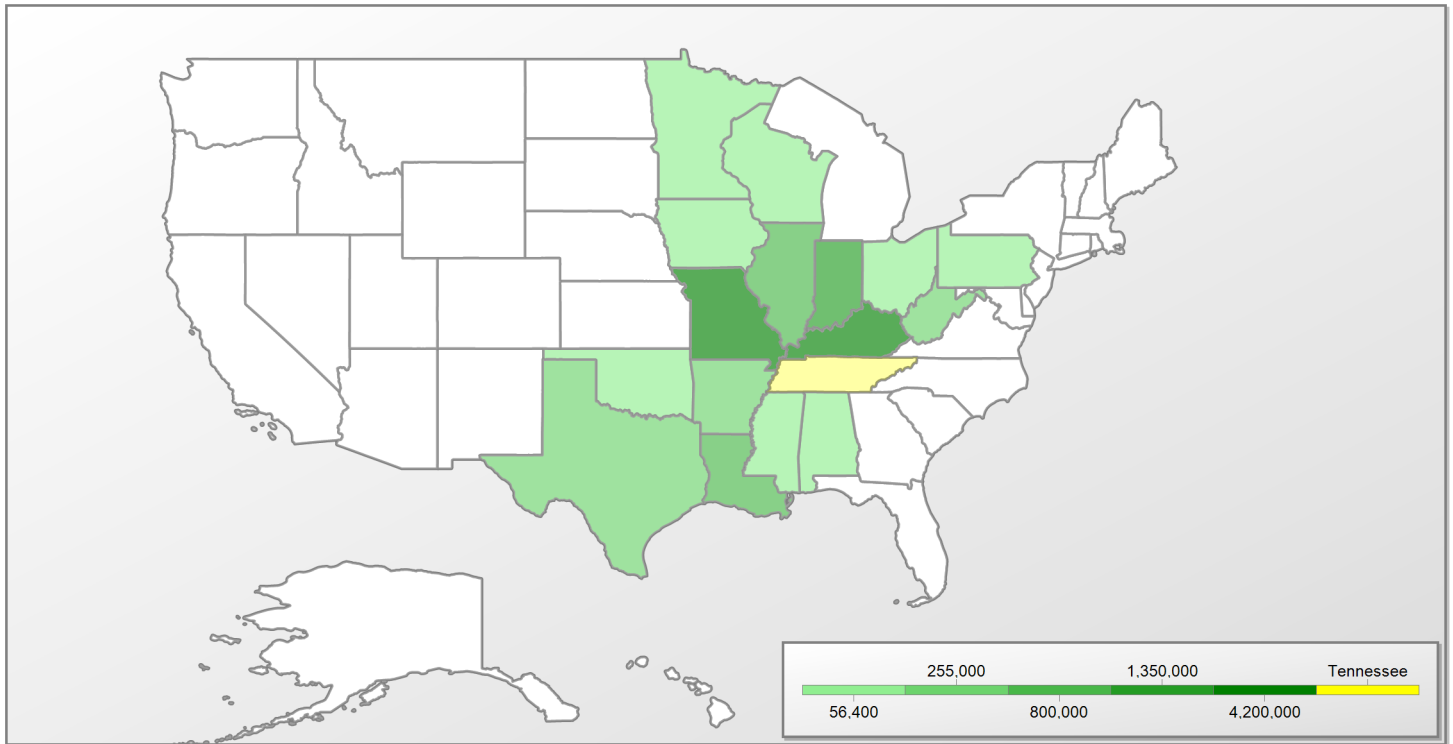
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Tennessee - Continued

2020 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	11,125,160	Aggregates-62%
Louisiana	3,557,026	Chemicals-34%
Missouri	3,116,586	Others-53%
Indiana	1,971,899	**
Illinois	1,465,605	**
West Virginia	303,748	**
Texas	226,978	Iron/Steel-49%
Alabama	220,412	Iron/Steel-33%
Arkansas	186,054	Petroleum-60%
Oklahoma	85,048	**
Minnesota	72,369	**
Ohio	67,133	**
Mississippi	66,142	Petroleum-56%
Pennsylvania	42,837	**
Wisconsin	13,722	**
Iowa	2,891	**

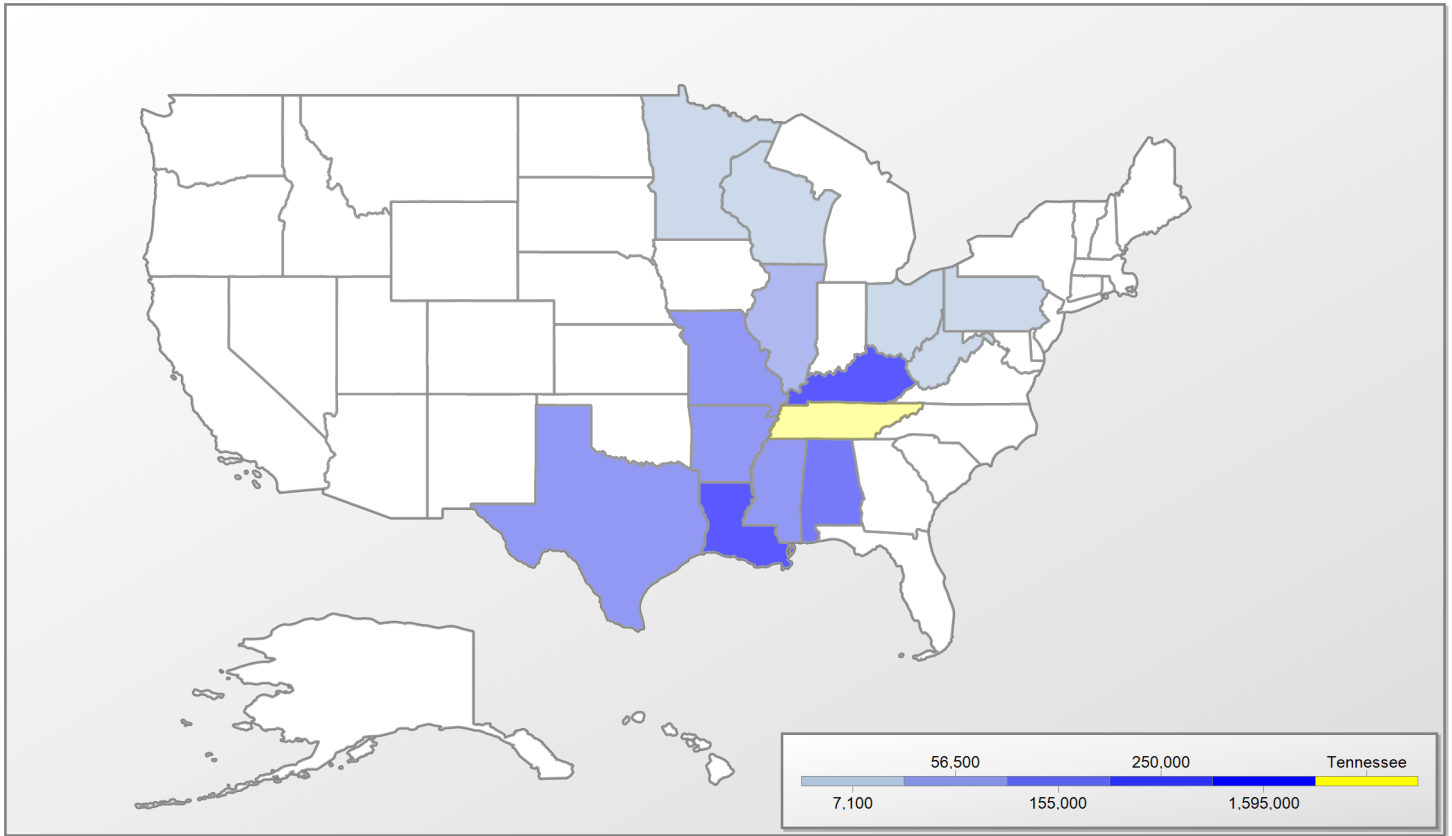
**Unknown and Not Elsewhere Classified Products

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Tennessee - Continued

2020 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	3,203,117	Grains-88%
Alabama	481,269	Iron/Steel-50%
Kentucky	371,081	Petroleum-93%
Texas	239,329	**
Missouri	159,121	Petroleum-63%
Arkansas	121,706	Iron/Steel-84%
Mississippi	118,546	Petroleum-99%
Illinois	30,842	Chemicals-50%
Ohio	16,620	**
Minnesota	6,551	**
West Virginia	4,469	**
Pennsylvania	2,674	**
Wisconsin	1,273	**

**Unknown and Not Elsewhere Classified Products

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Tennessee - Continued

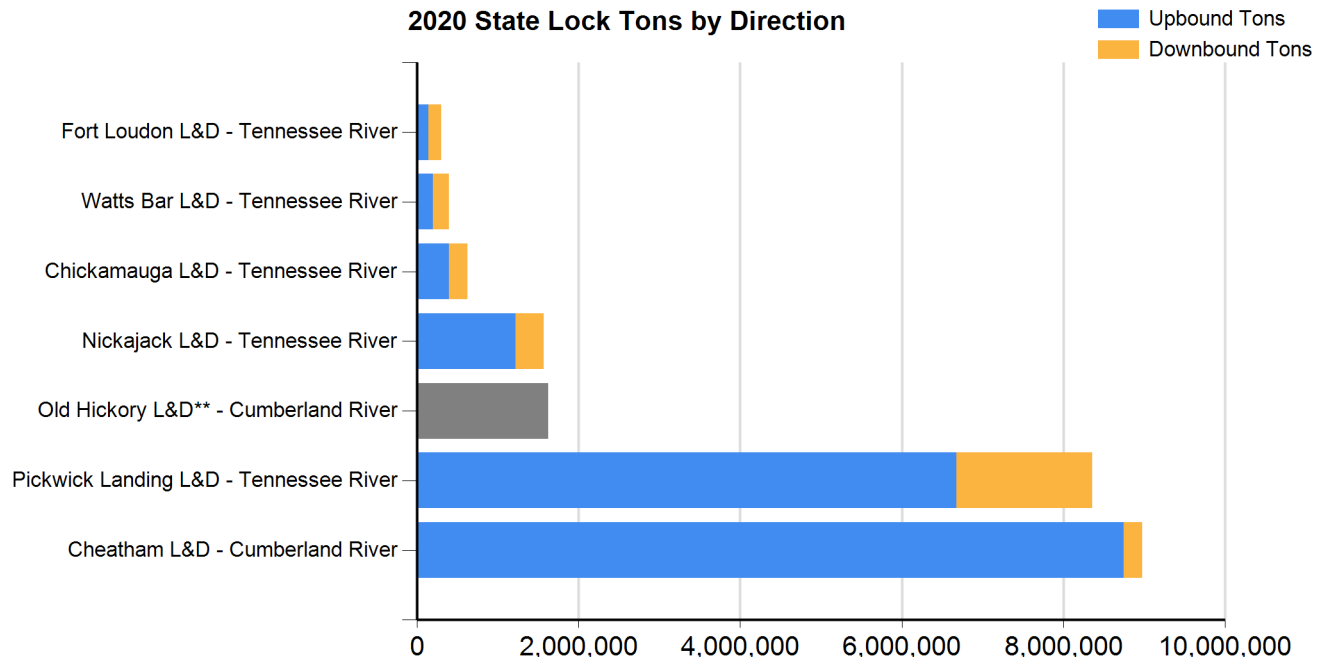
Five Year Trend of Tonnage Shipped or Received in Tennessee

Commodity Group	Avg Tonnage (Millions)	% of Total Tons (All Years)	Five Year Commodity Trend (Millions of Tons)				
Aggregates	9,611,369	30%	9.21	8.82	10.02	9.56	10.45
			2016	2017	2018	2019	2020
Chemicals	1,946,413	6%	1.87	1.85	1.95	1.97	2.10
			2016	2017	2018	2019	2020
Coal	7,590,136	24%	11.52	9.53	6.28	5.87	4.76
			2016	2017	2018	2019	2020
Crude Petroleum	139,976	<1%				0.65	0.05
			2016	2017	2018	2019	2020
Grains	3,290,371	10%	3.42	3.21	3.27	3.43	3.12
			2016	2017	2018	2019	2020
Iron/Steel	1,660,530	5%	1.60	2.00	2.09	1.51	1.10
			2016	2017	2018	2019	2020
Ores/Minerals	1,302,598	4%	1.49	1.34	1.40	1.23	1.06
			2016	2017	2018	2019	2020
Others	2,005,268	6%	1.86	1.88	2.01	1.97	2.31
			2016	2017	2018	2019	2020
Petroleum	3,971,569	13%	3.35	3.33	3.85	4.79	4.53
			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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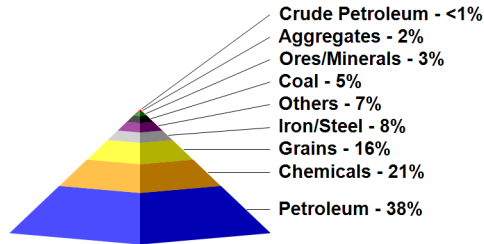
Tennessee - Continued

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 2020 price level (Commodity dollar values are not calculated for foreign movements)

2020 River Traffic Commodity Value Distribution

Total Value: \$4.60 (Billion)



Remaining <1% unable to release due to insufficient operators

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

Waterway Name	State Rank	Tons	Value
Cumberland River	1	14,375.5	\$1,618.5
Mississippi River	2	5,476.4	\$680.8
Memphis Harbor, TN	3	4,648.9	\$1,554.1
Tennessee River, TN, AL and KY	4	4,212.5	\$515.9
Wolf River, TN	5	497.2	\$117.2

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

Tennessee 2020 Top 3 Ports (Tons in thousands)

Port Name	U.S. Rank	Type	Total Port Tons	Port Tons Within State
Memphis-Shelby County Port, TN	9	River	8,680.4	8,680.4
Nashville, TN	13	River	7,540.4	7,540.4
Chattanooga, TN	28	River	2,010.5	2,010.5

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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