

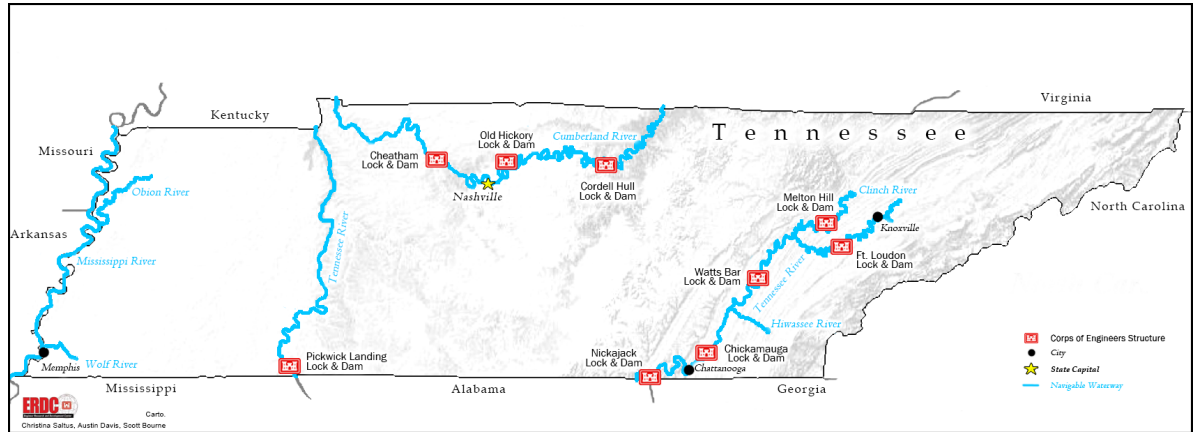


US Army Corps  
of Engineers

# Tennessee

U.S. ARMY CORPS OF ENGINEERS

BUILDING STRONG®

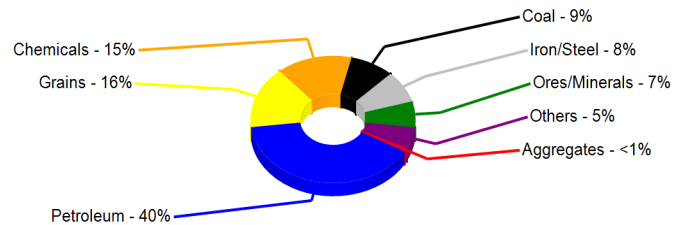


## 2016 State Quick Facts (Tons in Millions)

Tons Shipped -	5.6
Tons Received -	26.4
Tons Shipped Within State -	2.2
Total Commerical Docks -	145
Total Value (billions)-	\$8.91
Total Domestic Tons -	34.3
Total Import Tons -	0.0
Total Export Tons -	0.0
Total Tons -	34.3

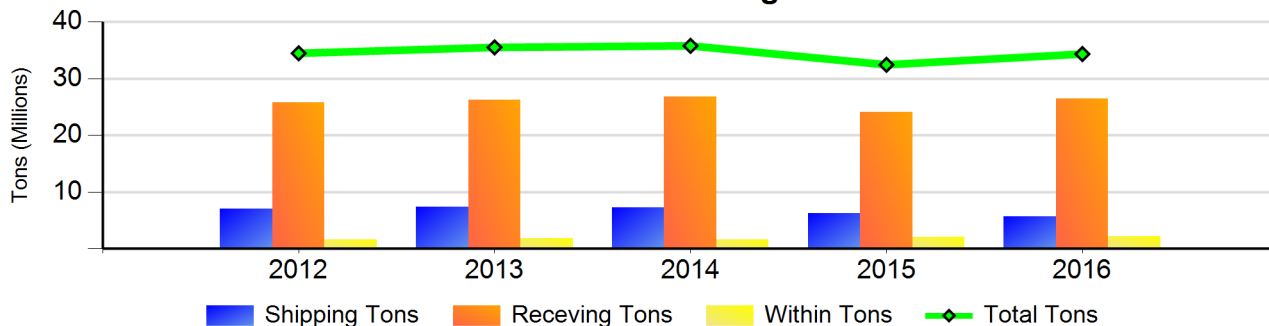
Source: Waterborne Commerce Statistics, Values estimated from 2012 NDSU Commodity Valuation Study, values indexed by CPI to 2016 price level (Commodity dollar values are not calculated for foreign movements)

## 2016 All Traffic Commodity Value Distribution



Source: Waterborne Commerce Statistics, Values estimated from 2012 NDSU Commodity Valuation Study, values indexed by CPI to 2016 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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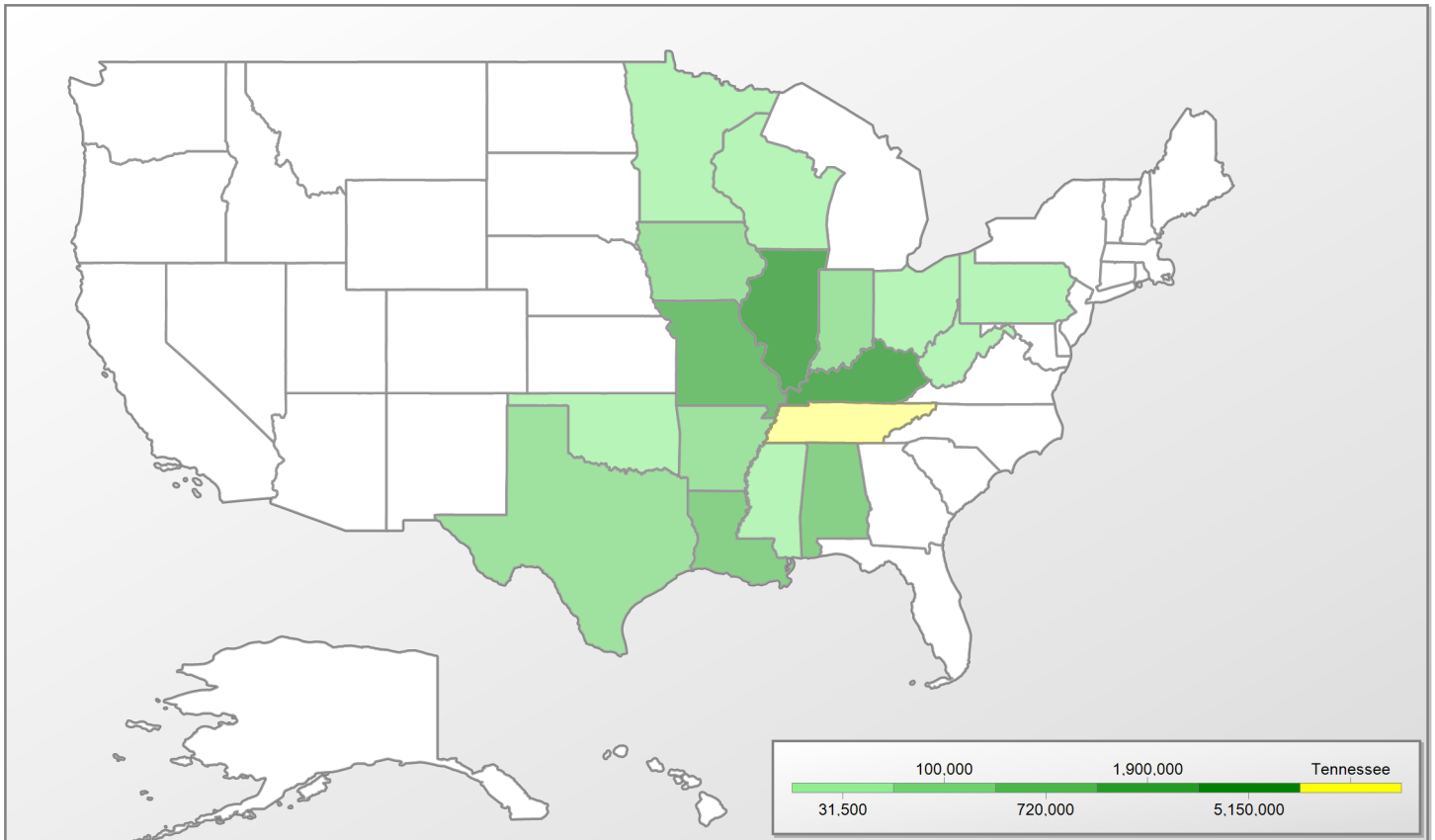
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# Tennessee - Continued

2016 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	13,329,271	Coal-58%
Illinois	5,050,878	**
Louisiana	3,764,198	Ores/Minerals-33%
Missouri	2,644,666	**
Alabama	555,359	Others-29%
Texas	290,043	Iron/Steel-47%
Indiana	188,847	Chemicals-54%
Arkansas	182,919	Petroleum-59%
Oklahoma	92,485	Grains-60%
Mississippi	86,739	**
Pennsylvania	68,327	**
Iowa	65,996	**
Minnesota	47,067	**
West Virginia	46,519	Petroleum-55%
Ohio	20,349	**
Wisconsin	3,071	**

\*\*Unknown and Not Elsewhere Classified Products

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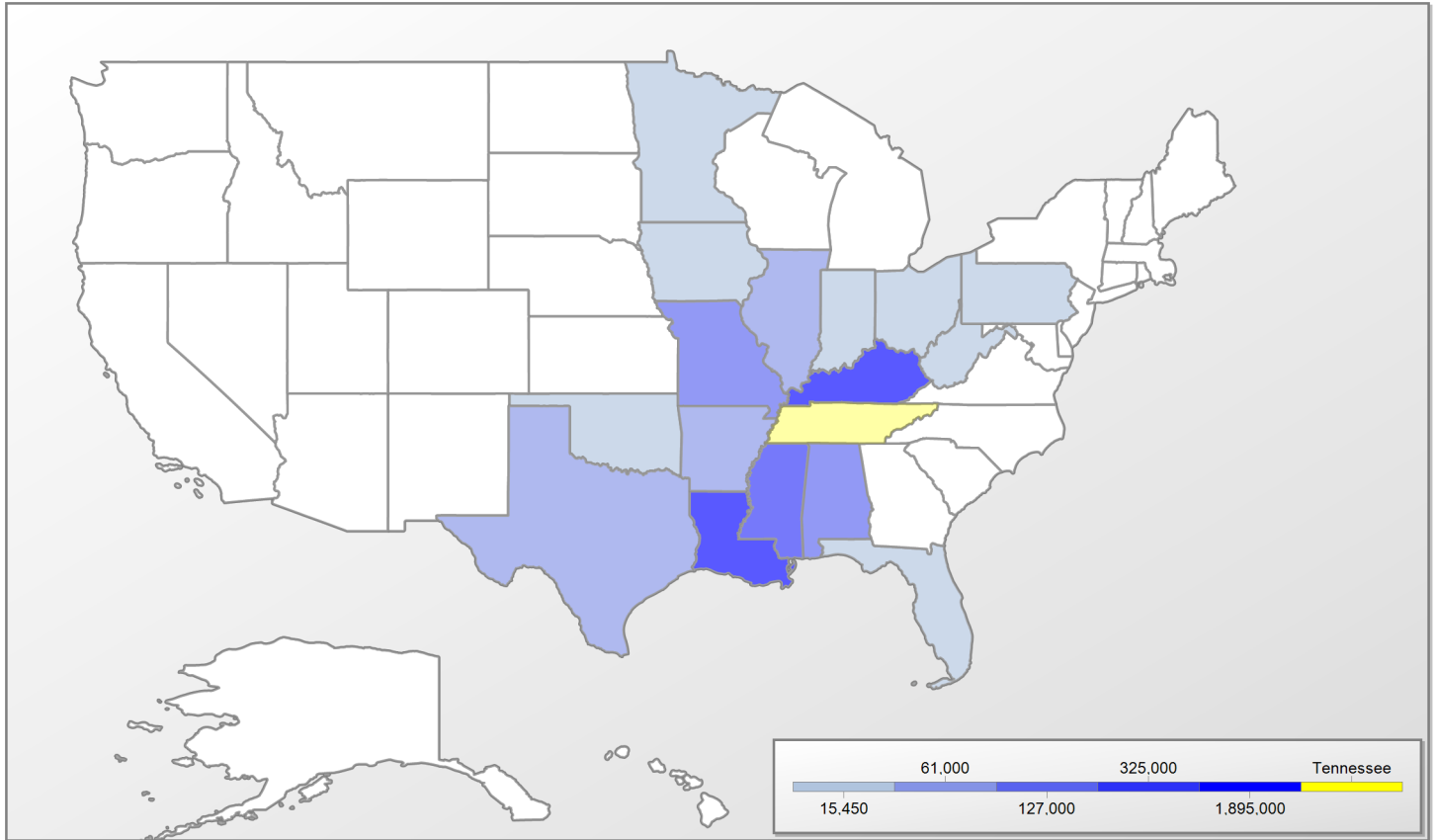
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# Tennessee - Continued

2016 States Receiving Commodities From Tennessee



Source: USACE Waterborne Commerce Statistics

State Receiving Tons	Total Tonnage Recieved from Tennessee	Top Commodity - % of Total Recieved from Tennessee
Louisiana	3,749,577	Grains-86%
Kentucky	862,101	Petroleum-92%
Mississippi	228,597	Petroleum-80%
Alabama	212,044	**
Missouri	165,620	Petroleum-62%
Illinois	165,395	Petroleum-52%
Texas	111,697	Petroleum-57%
Arkansas	79,552	**
Indiana	17,570	**
West Virginia	15,512	**
Pennsylvania	9,068	**
Minnesota	8,350	**
Ohio	7,407	**
Oklahoma	6,147	**
Iowa	4,400	**
Florida	2,969	**

\*\*Unknown and Not Elsewhere Classified Products

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# Tennessee - Continued

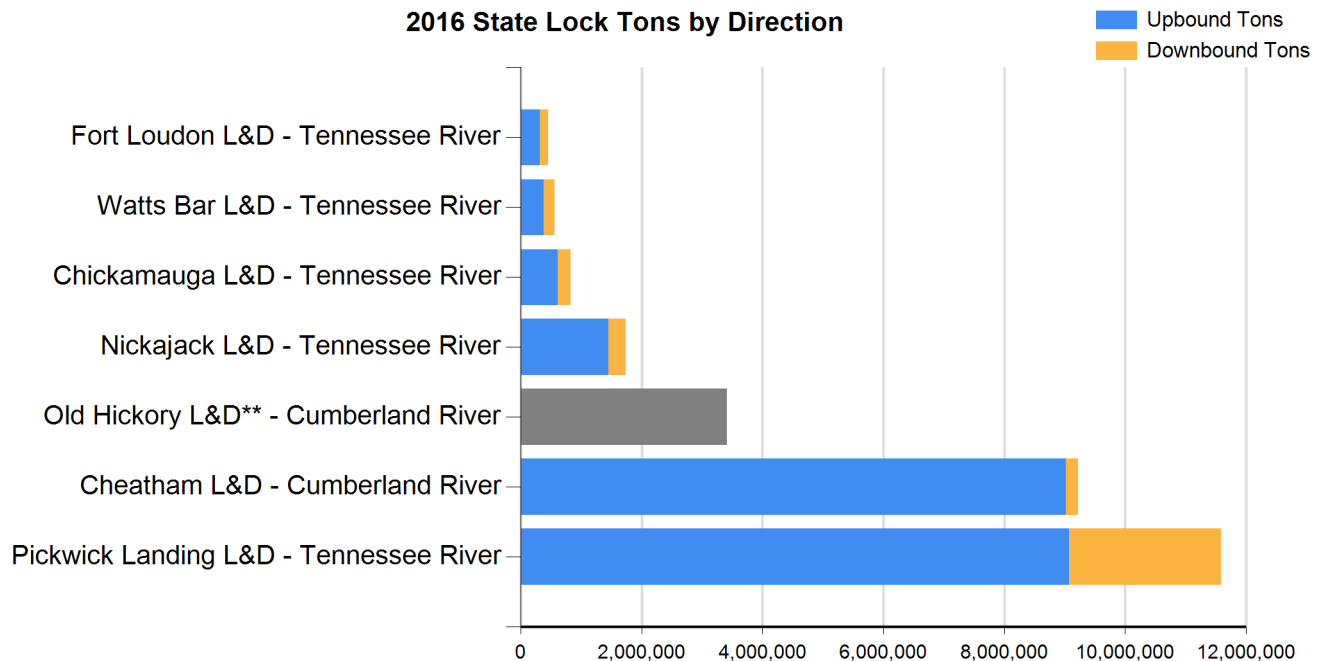
## Five Year Trend of Tonnage Shipped or Received in Tennessee

Commodity Group	Avg Tonnage (Millions)	% of Total Tons (All Years)	Five Year Commodity Trend (Millions of Tons)				
Aggregates	7,513,566	22%	6.34	7.18	7.67	7.17	9.21
			2012	2013	2014	2015	2016
Chemicals	1,897,016	5%	2.30	1.77	1.70	1.84	1.87
			2012	2013	2014	2015	2016
Coal	12,842,797	37%	14.18	14.02	13.02	11.48	11.52
			2012	2013	2014	2015	2016
Crude Petroleum	158,654	<1%	0.19	0.52	0.07	** -2015	** -2016
			2012	2013	2014	2015	2016
Grains	4,167,863	12%	4.11	4.80	4.59	3.92	3.42
			2012	2013	2014	2015	2016
Iron/Steel	1,751,111	5%	1.63	1.97	2.03	1.52	1.60
			2012	2013	2014	2015	2016
Ores/Minerals	1,241,764	4%	1.02	0.89	1.14	1.68	1.49
			2012	2013	2014	2015	2016
Others	1,886,177	5%	1.95	1.86	2.05	1.71	1.86
			2012	2013	2014	2015	2016
Petroleum	3,033,678	9%	2.73	2.49	3.48	3.11	3.35
			2012	2013	2014	2015	2016

Source: USACE Waterborne Commerce Statistics

\*\* - Year = Insufficient Operators to Release Tonnage

## 2016 State Lock Tons by Direction



Source: USACE Waterborne Commerce Statistics

\*\* - Insufficient operators to release directional tonnage

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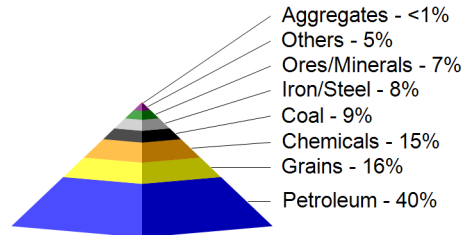
# Tennessee - Continued

## Commodity Value Distribution Charts by Waterway Type

Source: Waterborne Commerce Statistics, Values estimated from 2012 NDSU Commodity Valuation Study, values indexed by CPI to 2016 price level  
(Values Not Calculated for Foreign Movements)

### 2016 River Traffic Commodity Value Distribution

Total Value: \$8.91 (Billion)



Remaining <1% unable to release due to insufficient operators

### Tennessee 2016 Top 5 Waterways (Tons in thousands; values in Millions of dollars)

Waterway Name	State Rank	Tons	Value
Cumberland River	1	16,197.6	\$2,266.5
Memphis Harbor, TN	2	6,579.0	\$3,759.9
Tennessee River, TN, AL and KY	3	5,709.7	\$1,168.7
Mississippi River	4	4,529.4	\$1,173.0
Pidgeon Industrial Harbor, Memphis, TN	5	563.1	\$222.7

Commodity Values not calculated for foreign/coastal movements.

Source: USACE Waterborne Commerce Statistics, Values estimated from 2012 NDSU Commodity Valuation Study, values indexed by CPI to 2016 price level

\*\* Insufficient operators to release tonnage

### Tennessee 2016 Top 3 Ports (Tons in thousands)

Port Name	U.S. Rank	Type	Total Port Tons	Port Tons Within State
Memphis, TN	5	River	12,184.3	10,236.2
Nashville, TN	9	River	4,651.1	4,651.1
Chattanooga, TN	13	River	2,061.9	2,061.9

Source: USACE Waterborne Commerce Statistics

\*\* Insufficient operators to release tonnage

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