

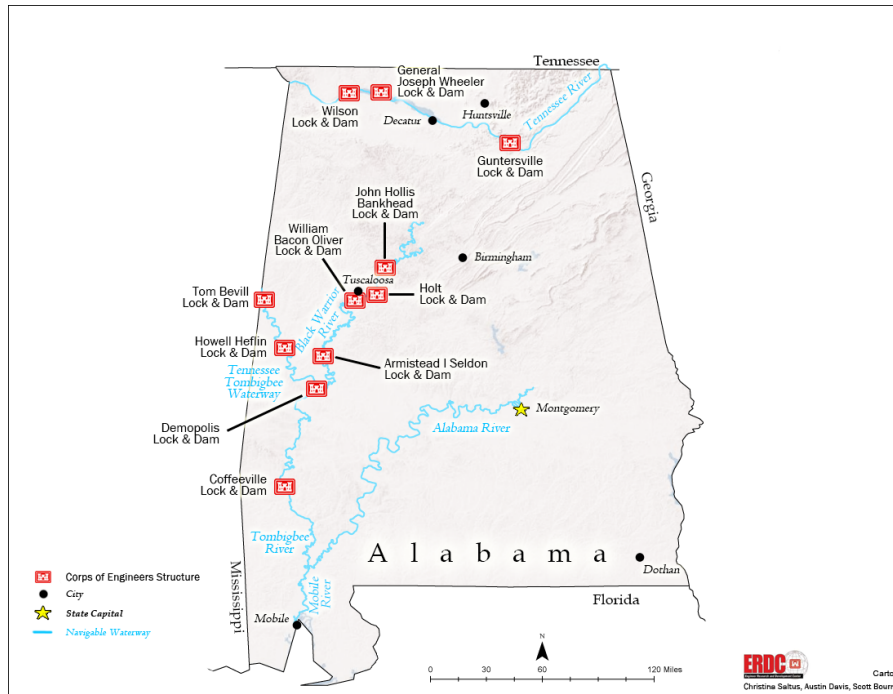


US Army Corps
of Engineers

U.S. ARMY CORPS OF ENGINEERS

Alabama

BUILDING STRONG®

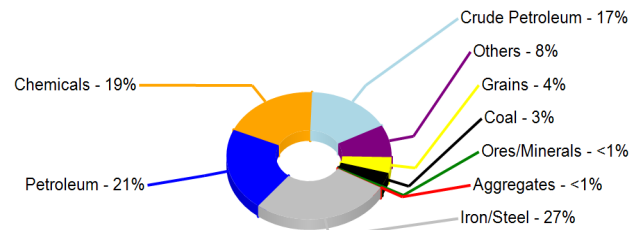


2016 State Quick Facts (Tons in Millions)

Tons Shipped -	21.5
Tons Received -	36.6
Tons Shipped Within State -	13.5
Total Commerical Docks -	188
Total Value (billions)-	\$19.25
Total Domestic Tons -	36.4
Total Import Tons -	21.2
Total Export Tons -	14.0
Total Tons -	71.6

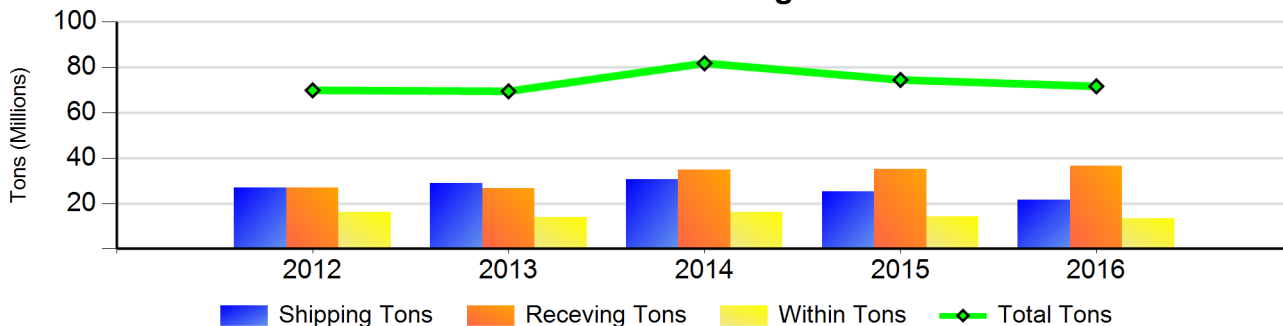
Source: Waterborne Commerce Statistics, Values estimated from 2012 NDSU Commodity Valuation Study, values indexed by CPI to 2016 price level (Commodity dollar values are not calculated for foreign movements)

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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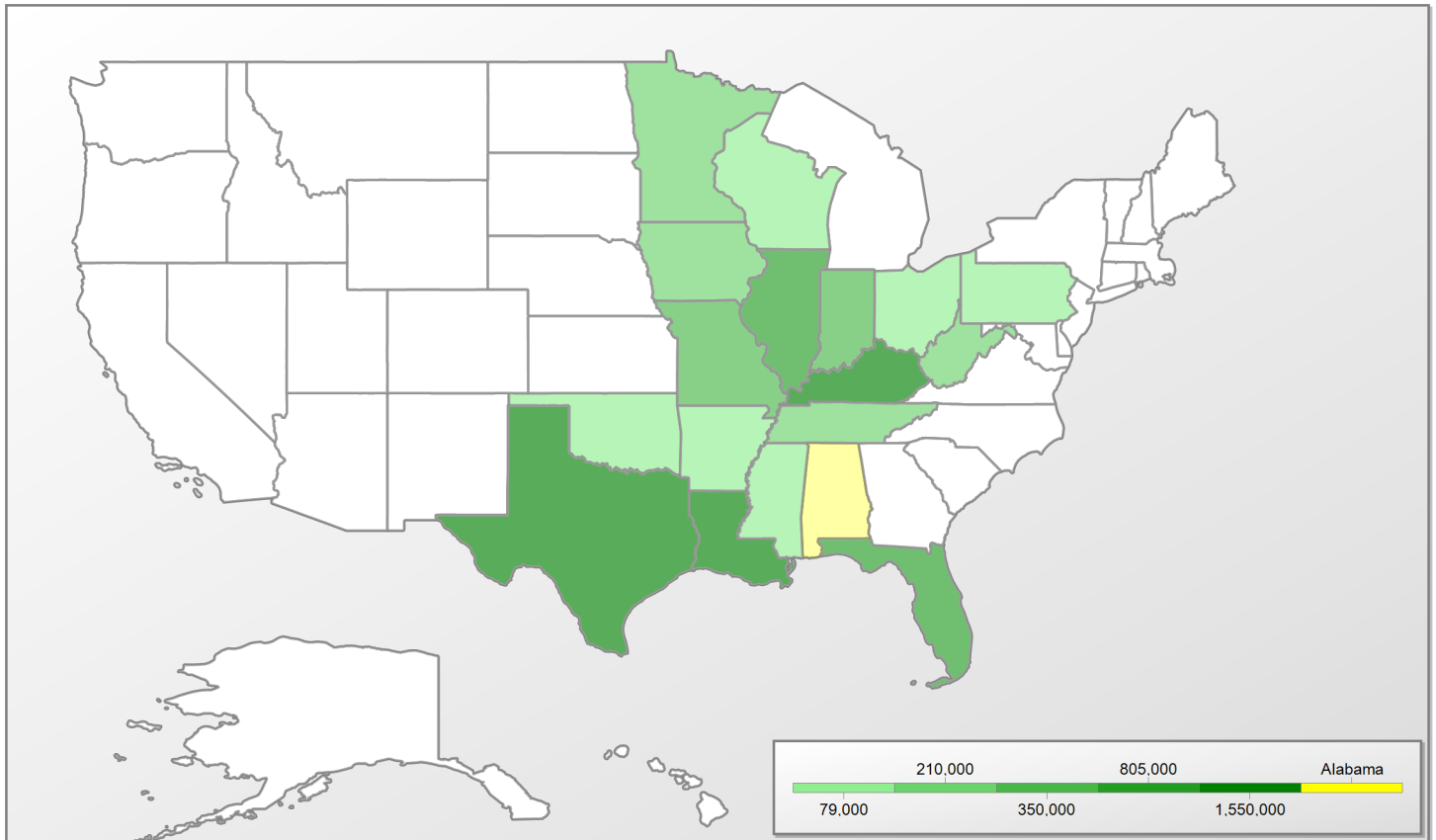
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Alabama - Continued

2016 States Sending Commodities to Alabama



Source: USACE Waterborne Commerce Statistics

State Sending Tons	Total Tonnage Sent to Alabama	Top Commodity - % of Total Sent to Alabama	State Sending Tons	Total Tonnage Sent to Alabama	Top Commodity - % of Total Sent to Alabama
Foreign	21,188,503	Crude Petroleum-41%	Pennsylvania	67195	Iron/Steel-68%
Louisiana	5,131,019	Crude Petroleum-36%	Ohio	34864	**
Texas	3,459,586	Chemicals-49%	Canada	11027	**
Kentucky	1,897,081	Coal-65%			
Florida	1,278,713	**			
Illinois	949,770	Grains-49%			
Indiana	469,822	**			
Mississippi	464,619	Others-27%			
Missouri	393,864	Grains-82%			
West Virginia	278,949	Coal-94%			
Minnesota	258,725	Grains-99%			
Tennessee	212,044	**			
Iowa	195,822	Grains-100%			
Wisconsin	113,366	Grains-100%			
Oklahoma	99,031	Grains-93%			
Arkansas	84,693	Iron/Steel-78%			

**Unknown and Not Elsewhere Classified Products

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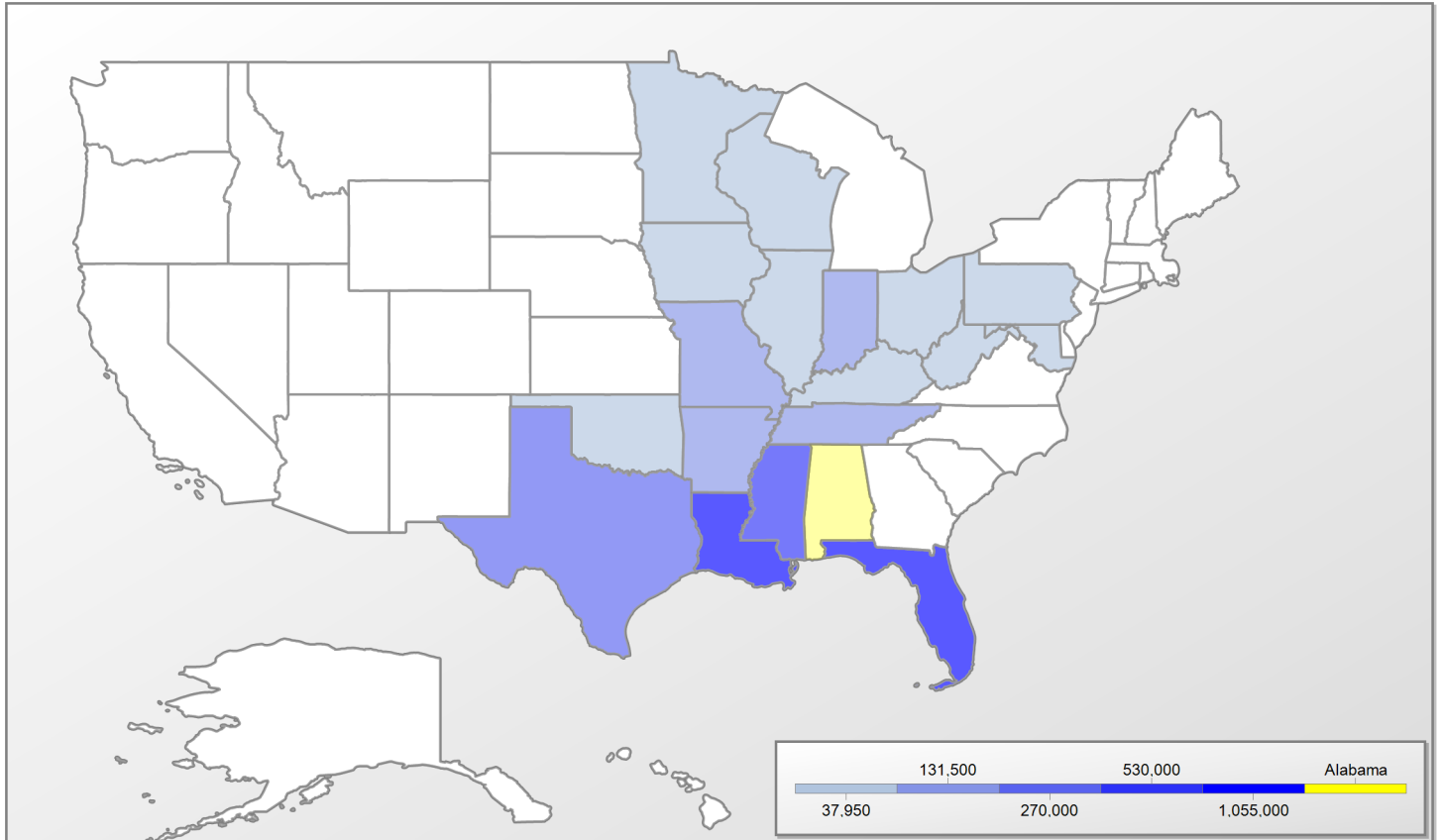
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Alabama - Continued

2016 States Receiving Commodities From Alabama



Source: USACE Waterborne Commerce Statistics

State Receiving Tons	Total Tonnage Recieved from Alabama	Top Commodity - % of Total Recieved from Alabama	State Receiving Tons	Total Tonnage Recieved from Alabama	Top Commodity - % of Total Recieved from Alabama
Foreign	13,977,642	Coal-49%	Maryland	14,805	**
Louisiana	2,348,642	Petroleum-41%	Minnesota	12,264	Grains-88%
Florida	1,987,237	**	Wisconsin	10,803	Grains-100%
Mississippi	1,204,457	Iron/Steel-40%	West Virginia	8,674	**
Texas	604,638	Petroleum-39%	Iowa	2,970	**
Tennessee	555,359	Others-29%			
Indiana	150,948	Iron/Steel-93%			
Kentucky	121,127	Iron/Steel-33%			
Illinois	118,245	Others-49%			
Arkansas	114,010	Iron/Steel-90%			
Missouri	100,044	Iron/Steel-90%			
Puerto Rico	50,100	**			
Oklahoma	45,778	Iron/Steel-96%			
Canada	41,927	**			
Pennsylvania	37,062	Iron/Steel-96%			
Ohio	21,922	**			

**Unknown and Not Elsewhere Classified Products

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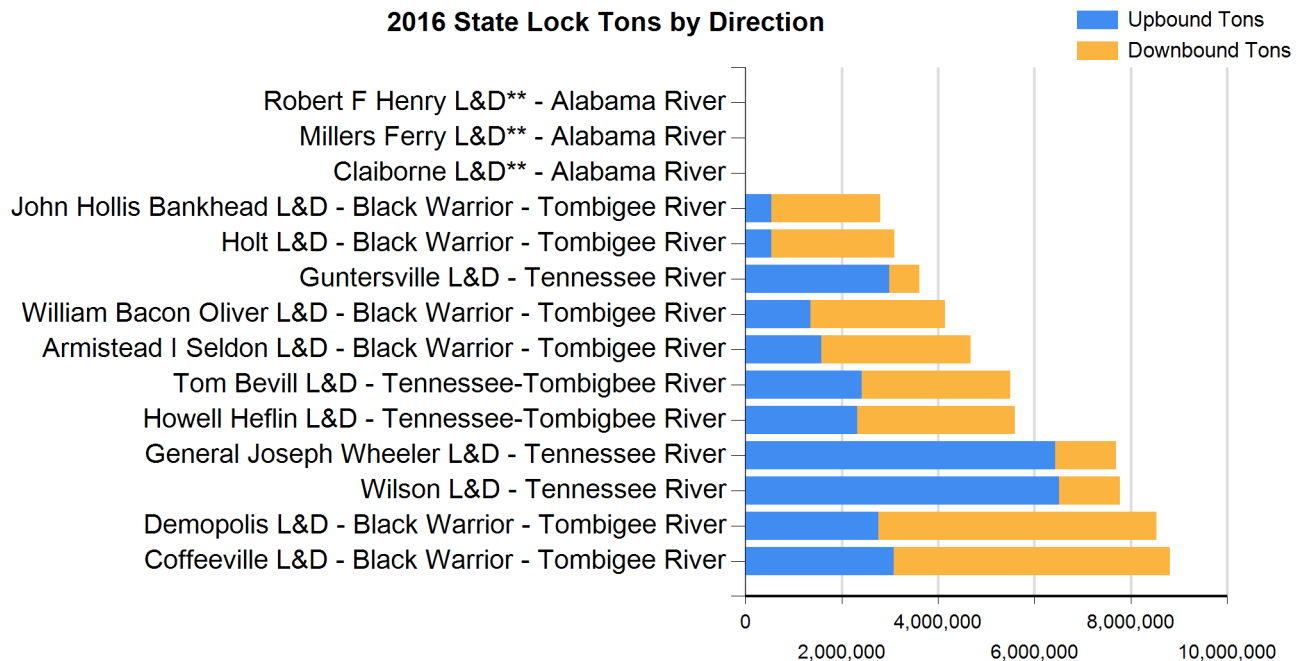
Five Year Trend of Tonnage Shipped or Received in Alabama

Commodity Group	Avg Tonnage (Millions)	% of Total Tons (All Years)	Five Year Commodity Trend (Millions of Tons)				
Aggregates	2,710,377	4%	1.68	2.33	3.06	3.62	2.86
			2012	2013	2014	2015	2016
Chemicals	4,614,283	6%	4.31	4.42	4.55	4.63	5.16
			2012	2013	2014	2015	2016
Coal	25,877,412	35%	29.54	27.70	31.29	23.07	17.78
			2012	2013	2014	2015	2016
Crude Petroleum	9,781,026	13%	6.75	5.76	10.15	12.58	13.67
			2012	2013	2014	2015	2016
Grains	3,163,020	4%	2.80	3.72	3.20	2.81	3.29
			2012	2013	2014	2015	2016
Iron/Steel	14,787,141	20%	12.94	14.28	17.19	14.71	14.82
			2012	2013	2014	2015	2016
Ores/Minerals	459,404	<1%	0.24	0.41	0.45	0.61	0.59
			2012	2013	2014	2015	2016
Others	6,823,284	9%	6.33	6.19	7.13	7.03	7.43
			2012	2013	2014	2015	2016
Petroleum	5,178,112	7%	5.25	4.59	4.71	5.37	5.98
			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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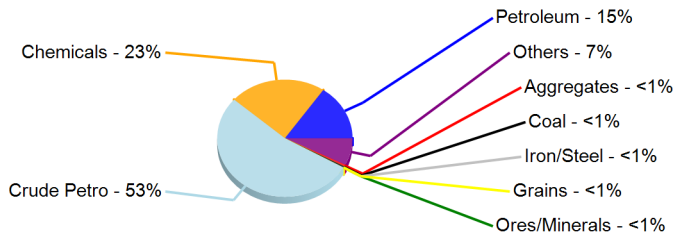
Alabama - Continued

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 Coastal Traffic Commodity Value Distribution

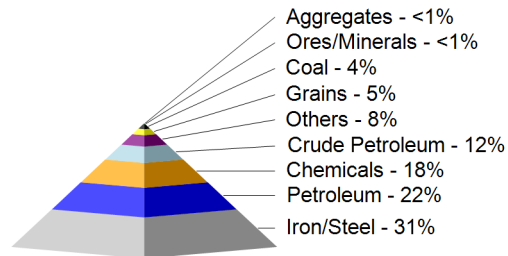
Total Value: \$2.07 (Billion)



Remaining <1% unable to release due to insufficient operators

2016 River Traffic Commodity Value Distribution

Total Value: \$17.18 (Billion)



Remaining <1% unable to release due to insufficient operators

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

Waterway Name	State Rank	Tons	Value
Mobile River Channel	1	28,665.6	\$5,661.4
Mobile Bay Ship Channel	2	23,084.8	\$3,231.7
Black Warrior and Tombigbee Rivers, AL	3	12,475.8	\$5,569.1
Tennessee River, TN, AL and KY	4	7,677.1	\$4,235.4
Theodore Ship Channel, AL	5	4,243.7	\$1,108.6

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

Alabama 2016 Top 3 Ports (Tons in thousands)

Port Name	U.S. Rank	Type	Total Port Tons	Port Tons Within State
Mobile, AL	6	Coastal	58,024.3	58,024.3
Guntersville, AL	15	River	1,863.5	1,863.5
Gulf at Mobile Hbr., AL	33	River/Coastal	467.1	467.1

Source: USACE Waterborne Commerce Statistics

** Insufficient operators to release tonnage

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