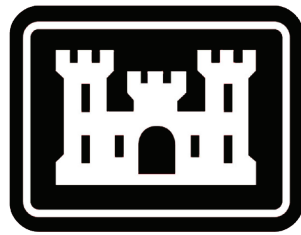


The U.S. Waterway System

2015 TRANSPORTATION FACTS & INFORMATION



**Navigation and Civil Works
Decision Support Center
U.S. Army Corps of Engineers**

U.S. Waterborne Traffic by Major Commodities in 2015

(Millions of Short Tons¹ and Change from 2014)

Commodities ²	Domestic							
	Coastwise		Lakewise		Internal		Total	
	Tons	%	Tons	%	Tons	%	Tons	%
Total³	175.1	1.8	83.9	-4.6	565.9	-5.6	904.8	-3.5
Coal	3.5	-28.9	17.4	-0.9	123.0	-18.7	152.5	-17.5
Coal Coke	**	0.0	**	-61.6	3.2	-14.2	3.4	-18.1
Crude Petroleum	58.9	6.8	**	0.0	44.0	-11.4	110.4	-0.6
Petroleum Products	73.7	1.9	1.8	-6.6	118.8	2.4	236.1	3.9
Chemical and Related Prod.	11.2	8.4	0.1	8.5	50.9	-1.9	72.6	0.0
Forest Prod., Wood & Chips	0.8	7.4	**	152.6	4.3	2.9	5.4	3.6
Pulp and Waste Paper	**	-12.9	**	0.0	**	-96.2	**	-74.7
Sand, Gravel and Stone	5.3	-7.6	21.8	5.5	71.3	6.7	103.2	3.8
Iron Ore and Scrap	0.4	76.4	36.9	-12.6	6.5	-22.3	48.2	-13.0
Non-Ferrous Ores & Scrap	0.3	-37.8	**	0.0	5.1	-5.2	5.5	-7.5
Sulphur, Clay and Salt	**	-52.9	1.4	14.3	9.5	-1.6	11.1	0.7
Primary Manuf. Goods	1.6	-12.4	3.6	4.4	28.6	-8.8	34.1	-7.8
Food and Farm Products	5.0	9.6	0.3	26.6	89.7	-0.4	95.4	0.3
All Manuf. Equipment	14.0	-8.5	**	-77.9	6.8	9.4	21.3	-3.9
Waste and Scrap, NEC	**	783.3	**	0.0	0.9	-10.8	1.2	-6.8

Commodities ²	Foreign						Domestic & Foreign Grand Total	
	Inbound		Outbound		Total		Tons	%
	Tons	%	Tons	%	Tons	%		
Total³	751.6	-1.2	622.5	-3.9	1,374.2	-2.5	2,279.0	-2.9
Coal	10.5	-3.3	66.5	-27.6	76.9	-25.1	229.4	-20.2
Coal Coke	0.1	66.0	0.9	133.9	1.0	123.8	4.5	-3.8
Crude Petroleum	259.0	-6.4	13.3	44.7	272.3	-4.7	382.7	-3.6
Petroleum Products	110.0	3.7	188.5	7.2	298.5	5.9	534.6	5.0
Chemical and Related Prod.	50.6	0.8	58.7	1.7	09.2	1.3	181.8	0.8
Forest Prod., Wood & Chips	5.2	2.7	18.4	-8.0	23.6	-5.9	29.0	-4.3
Pulp and Waste Paper	2.4	6.2	20.9	-0.9	23.4	-0.3	23.4	-0.6
Sand, Gravel and Stone	35.9	10.3	1.8	-14.5	37.7	8.8	140.9	5.1
Iron Ore and Scrap	8.3	-8.1	17.7	-17.1	26.0	-14.4	74.2	-13.5
Non-Ferrous Ores & Scrap	17.4	-3.2	6.1	9.3	23.5	-0.2	29.0	-1.6
Sulphur, Clay and Salt	24.3	4.6	4.7	2.1	29.0	4.2	40.1	3.2
Primary Manuf. Goods	81.4	0.4	14.3	-16.9	95.7	-2.6	129.8	-4.0
Food and Farm Products	44.5	1.4	173.2	-4.1	217.7	-3.0	313.1	-2.0
All Manuf. Equipment	85.8	3.7	26.5	-4.2	112.3	1.8	133.6	0.8
Waste and Scrap, NEC	**	0.0	**	0.0	**	0.0	1.2	-6.8

1. ** denotes tonnage less than 50,000 tons or extreme percent change.
2. Commodity abbreviations: Prod. (Products); Sand, Gravel and Stone also includes Soil and Rock; Manuf. (Manufactured); and NEC (Not Elsewhere Classified).
3. Column totals are greater than row sums because of excluded commodity groups.
Row totals are greater than column sums because intraport and intra-territory are not included.

Geographic Distribution of U.S. Waterborne Activities in 2015

	Coastal ¹	Great Lakes	Inland ²	Total ³
Number of Ports Handling				
Over 250,000 Short Tons	110	43	28	181
Domestic Traffic				
Short Tons (millions)	175.1	83.9	565.9	904.8
Ton-miles (billions)	175.6	46.4	267.4	490.6
Average Haul (miles)	1,003	553.3	472.6	542.2
Foreign Traffic⁴				
Short Tons (millions)	1,341.9	32.2	N/A	1,374.2
Ton-miles (billions)	78.1	20.9	N/A	99.1
Average Haul (miles)	58.2	650.2	N/A	72.1

1. All deep draft (over 12 feet) except Great Lakes and the Columbia River.
2. N/A denotes tonnage not applicable.
3. Domestic Total includes not shown local and intra-territory traffic. Ton-miles are not computed for intra-territory traffic. Total may not equal column sum due to rounding.
4. Ton-miles and Average Haul for Coastal ports are based on the distance transported on U.S. waterways from entrance channels to ports and waterways; and for Great Lakes ports are based on the distance transported on the Great Lakes and St. Lawrence River to the International Boundary at St. Regis, Quebec, Canada.

Corps Dredging Facts

- Corps and contractor owned dredges removed 185.6 million cubic yards (MCY) of material from Corps constructed and maintained channels in Fiscal Year (FY) 2015 (1 October 2014 to 30 September 2015) at a cost of \$1,440.9 million.
- In FY 2015, maintenance dredging accounted for 89% of the quantities dredged, an additional 6.9% of the total yardage was attributed to Hurricane Sandy related work, new construction (channel deepening) accounted for 3.9%.
- The average cost/cy for maintenance work dredging was \$5.58, and the average cost/cy for new work dredging was \$34.40.
- Private dredging contractors removed 85.5% (158.7 MCY) of the material dredged for \$1,300.8 million of the total FY 2015 Corps dredging expenditures.
- In FY 2015, 72 private dredging companies submitted a total of 292 bids for 142 contracts. Awards were made to 52 different companies, 18 large and 34 small, hubzone, and emerging businesses. Large and small companies received 77 (54%) and 65 (46%) of the contracts respectively.
- The Cutterhead pipeline dredge was the most widely used type of dredge in FY 2015 receiving 44.3% of the contracts, removing 59.4% of the contracted quantity and earning 48.3% of the contract dollars. Hopper dredges removed 26.6% of the quantity and earned 17.9% of the contract dollars. Mechanical dredges removed 10.4% of the quantity, earning 23.4% of the contract dollars. The remaining dredging was performed by a combination of more than one type of dredge and Unknown dredge type.
- New York District awarded the most contract dollars in FY 2015 with \$317.7 million. New Orleans District had contracts dredging the most cubic yards (27.7 MCY).
- Visit the NDC website <http://www.navigationdatacenter.us/dredge/dredge.htm>

Geographic Distribution of U.S. Waterway Facilities

Region	Cargo-Handling Docks				Locks ¹	
	Foreign ² Only	Foreign & Domestic	Domestic Only	Total	Sites	Chambers
Atlantic ³	38	609	1,159	1,806	13	13
Gulf	16	617	1,531	2,164	44	44
Inland ⁴	0	2	1,928	1,930	122	158
Great Lakes	3	250	399	652	4	6
Pacific	18	615	1,063	1,696	10	18
Total	75	2,093	6,080	8,248	193	239

1. Locks that are active Corps-operated locks, including five control structures.
2. U.S. docks that load or unload vessels operating in foreign trade.
3. Includes Puerto Rico and U.S. Virgin Islands.
4. Mississippi, Ohio, Upper Atchafalaya, Ouachita, Illinois, Black Warrior, Tombigbee, Alabama-Coosa River Basins.

Lock Facts

- The Corps owns and operates 239 lock chambers at 193 sites. Of the 193 lock sites, 39 have multi-chambered locks. Thirty-four have two chambers, four have three chambers and one has five.
- Many of the lock sites serving navigation include multi-purpose dams. For example, 46 lock-associated dams currently produce hydropower.
- The combined lift of all Corps locks is 6,791 feet with the John Day Lock on the Columbia River, OR with the highest lift at 113 feet.
- In Fiscal Year (FY) 2016, the most cargo moved was through the Ohio River Lock #52 with more than 72 million tons on more than 64 thousand barges.
- The youngest Corps lock is Montgomery Point on the McClellan-Kerr Arkansas River system. Built in CY2004, during the 12 years it has been operational 20,137 vessels carrying 98,947,955 tons of cargo have passed through the lock.
- The Willamette Falls locks on the Willamette River are the oldest locks owned and operated by the Corps built in 1873.

Waterborne Commerce Facts

- The top five U.S. ports ranked by dollar value of foreign traffic for (CY) 2015 were: Los Angeles, CA; New York, NY and NJ; Long Beach, CA; Houston, TX; and Savannah, GA.
- In 2015, 13.7% of all U.S. waterborne commerce by weight was containerized (2.4% of domestic and 21.1% of foreign).
- The U.S. port exporting the largest volume of coal in 2015 was the Port of Virginia, VA with 26.4 million short tons, down 34.9% from 2014.
- The St. Lawrence Seaway Management Corporation reported 27.4 million metric tons (30.3 million short tons) moving on the Montreal-Lake Ontario section of the St. Lawrence Seaway for calendar year 2015, an 8.7% decrease from 2014.
- The Port of South Louisiana was down 3.1% in 2015, still registering the leading total among U.S. ports with 259.1 million tons.
- Tonnage on the Gulf Intracoastal Waterway (GIWW) was 118.9 million tons in 2015, down from 126.1 million tons last year.
- Visit the WCSC website at <http://www.navigationdatacenter.us/wcsc/wcsc.htm> for more Waterborne Commerce Statistics.

Leading U.S. Ports in 2015

(Millions of Short Tons and Percent Change¹ from 2014)

Rank	Type ³	Port	Domestic		Foreign		Total ²	
			Tons	%	Tons	%	Tons	%
1	C	South Louisiana, LA, Port of	139.1	-1.8	120.0	-4.6	259.1	-3.1
2	C	Houston, TX	77.5	5.1	163.4	1.8	240.9	2.8
3	C	New York, NY and NJ	47.4	1.8	79.3	-0.4	126.7	0.4
4	C	New Orleans, LA	48.1	1.6	39.7	7.0	87.8	4.0
5	C	Beaumont, TX	35.3	2.9	51.8	-2.1	87.2	-0.1
6	C	Corpus Christi, TX	40.4	0.6	45.3	1.2	85.7	0.9
7	C	Long Beach, CA	11.2	3.0	67.0	-9.7	78.2	-8.1
8	C	Baton Rouge, LA	42.9	0.2	25.9	-1.9	68.8	-0.6
9	C	Los Angeles, CA	6.0	3.4	54.2	-1.9	60.2	-1.4
10	C	Mobile, AL	22.7	-17.4	35.9	-2.5	58.6	-8.9
11	C	Virginia, VA Port of	6.5	-6.9	51.3	-23.2	57.8	-21.6
12	C	Lake Charles, LA	27.4	-2.2	29.3	1.8	56.7	-0.2
13	C	Plaquemines, LA, Port of	33.8	-4.3	19.7	-2.3	53.5	-3.6
14	I	Cincinnati-Northern KY, Ports of	45.0	-9.9	**	0.0	45.0	-9.9
15	C	Texas City, TX	15.3	-18.6	27.6	-5.0	42.9	-10.4
16	I	Huntington - Tristate	42.7	-7.9	**	0.0	42.7	-7.9
17	C	Baltimore, MD	7.0	1.5	32.4	7.1	39.4	6.0
18	C	Tampa, FL	22.4	-0.8	13.6	7.3	35.9	2.1
19	C	Port Arthur, TX	9.7	-11.6	26.1	1.5	35.8	-2.4
20	C	Savannah, GA	1.0	-18.8	34.2	3.3	35.2	2.5
21	I	St. Louis, MO and IL	35.0	-10.1	**	0.0	35.0	-10.1
22	L	Duluth-Superior, MN and WI	27.1	-4.9	6.2	-30.0	33.3	-10.9
23	C	Richmond, CA	10.3	18.2	18.2	5.2	28.5	9.6
24	C	Valdez, AK	26.6	0.8	0.2	20.5	26.7	0.9
25	C	Pascagoula, MS	9.1	-5.1	17.5	-4.5	26.6	-4.7
26	I	Pittsburgh, PA	26.4	-16.3	**	0.0	26.4	-16.3
27	C	Port Everglades, FL	9.9	4.2	13.1	1.7	23.1	2.7
28	C	Tacoma, WA	4.6	0.4	18.1	-12.3	22.6	-10.0
29	C	Seattle, WA	5.5	1.3	17.1	1.0	22.6	1.1
30	C	Paulsboro, NJ	9.1	32.4	13.4	21.9	22.5	26.0
31	C	Charleston, SC	1.7	11.0	20.1	9.8	21.8	9.9
32	C	Freeport, TX	5.4	-13.6	15.7	-2.1	21.1	-5.3
33	C	Philadelphia, PA	9.9	-11.7	10.1	37.1	20.0	7.7
34	C	Portland, OR	7.5	-21.7	11.2	-28.5	18.6	-25.9
35	C	Jacksonville, FL	6.3	-3.4	11.3	4.6	17.6	1.6
36	C	Oakland, CA	1.8	-9.0	15.8	-6.9	17.6	-7.1
37	C	Boston, MA	5.0	-1.6	11.8	-0.8	16.8	-1.1
38	L	Chicago, IL	14.7	-4.6	2.0	-2.2	16.7	-4.3
39	L	Two Harbors, MN	14.3	2.3	1.5	83.1	15.8	6.8
40	C	Honolulu, HI	12.8	-5.0	1.0	-9.7	13.8	-5.3
41	L	Cleveland, OH	11.9	3.7	1.7	18.4	13.7	5.4
42	C	Kalama, WA	0.9	85.1	12.4	21.3	13.3	24.3
43	L	Detroit, MI	10.3	-8.9	3.0	5.2	13.3	-6.1
44	C	Marcus Hook, PA	10.0	46.9	2.5	-35.1	12.6	17.3
45	I	Memphis, TN	12.0	-18.5	**	0.0	12.0	-18.5
46	C	Matagorda Port Lv Pt Com, TX	3.6	7.7	8.2	3.9	11.8	5.0
47	L	Indiana Harbor, IN	11.4	-10.7	0.3	-15.2	11.6	-10.8
48	C	San Juan, PR	4.3	-8.2	6.8	10.7	11.1	2.5
49	C	Longview, WA	1.5	-13.9	9.5	-20.9	11.1	-20.0
50	C	Barbers Point, Oahu, HI	3.5	15.2	7.1	0.8	10.6	5.1

Continued on the next panel

Leading U.S. Ports in 2015 — *continued*
(Millions of Short Tons and Percent Change¹ from 2014)

Rank	Type ³	Port	Domestic		Foreign		Total ²	
			Tons	%	Tons	%	Tons	%
51	C	Galveston, TX	4.3	-22.0	6.1	18.0	10.4	-2.7
52	C	New Haven, CT	7.1	20.3	2.9	3.8	10.0	15.0
53	C	Albany, NY	8.4	-7.5	1.2	3.6	9.6	-6.3
54	C	Anacortes, WA	7.2	-5.1	2.4	-6.0	9.5	-5.3
55	C	Port Fourchon, LA	9.1	14.1	0.2	-1.9	9.3	13.7
56	L	Burns Waterway Harbor, IN	7.5	-9.3	1.5	7.6	8.9	-6.8
57	L	Toledo, OH	3.7	-41.9	4.8	-2.8	8.5	-24.7
58	C	Vancouver, WA	1.2	-2.8	7.3	4.6	8.4	3.5
59	I	Mount Vernon, IN	8.4	25.0	**	0.0	8.4	25.0
60	C	Portland, ME	1.0	-6.5	7.3	-15.0	8.3	-14.1
61	C	Providence, RI	3.6	-2.4	4.5	1.4	8.0	-0.3
62	C	Wilmington, DE	2.5	31.5	5.4	7.2	7.9	13.8
63	C	New Castle, DE	5.1	4.1	2.7	100.7	7.8	24.7
64	L	Gary, IN	7.8	-15.4	**	-71.9	7.8	-16.0
65	C	Miami, FL	0.1	334.0	7.7	8.4	7.8	9.4
66	C	Brownsville, TX	2.8	-0.0	5.0	19.8	7.8	12.0
67	L	St. Clair, MI	7.5	8.0	**	0.0	7.5	8.0
68	L	Presque Isle, MI	5.9	-14.9	1.3	-39.2	7.2	-20.8
69	I	Louisville, KY	7.0	-3.7	**	0.0	7.0	-3.7
70	C	Camden-Gloucester, NJ	2.0	1.7	4.9	18.8	6.9	13.2
71	C	Victoria, TX	6.7	4.0	**	0.0	6.7	4.0
72	L	Stoneport, MI	5.8	4.4	0.4	14.5	6.2	5.0
73	I	Kaskaskia, IL, Port of	5.9	-4.6	**	0.0	5.9	-4.6
74	L	Calcite, MI	5.7	-0.4	0.1	-50.6	5.9	-2.7
75	C	Wilmington, NC	0.4	-26.0	5.0	-8.3	5.3	-9.7
76	I	St. Paul, MN	5.3	5.9	**	0.0	5.3	5.9
77	C	Nikishka, AK	4.3	19.7	0.9	3.5	5.2	16.5
78	L	Silver Bay, MN	4.9	-17.1	**	-43.0	4.9	-17.3
79	L	Port Inland, MI	4.3	16.8	0.2	97.5	4.5	19.3
80	L	Conneaut, OH	3.3	-11.8	0.8	-21.6	4.1	-14.0
81	C	Port Canaveral, FL	0.7	85.6	3.4	21.3	4.1	29.1
82	C	Stockton, CA	**	-41.6	4.0	-12.3	4.0	-12.6
83	L	Escanaba, MI	3.9	-14.3	0.1	42.8	3.9	-13.6
84	L	Ashtabula, OH	3.0	-14.4	0.9	-31.6	3.9	-19.1
85	C	Terrebonne, LA, Port of	3.9	-11.8	**	0.0	3.9	-11.8
86	C	Kahului, Maui, HI	3.7	-0.2	**	-71.8	3.7	-0.5
87	C	Anchorage, AK	2.5	6.1	1.0	110.4	3.5	23.6
88	C	Kivilina, AK	1.4	2.4	1.7	59.7	3.1	27.1
89	C	Brunswick, GA	0.1	-14.5	3.0	-4.2	3.1	-4.4
90	I	Nashville, TN	3.0	14.1	**	0.0	3.0	14.1
91	I	Greenville, MS	3.0	-18.5	**	0.0	3.0	-18.5
92	C	Penn Manor, PA	0.1	22.0	2.9	-23.3	3.0	-22.6
93	I	Vicksburg, MS	3.0	9.0	**	0.0	3.0	9.0
94	L	Marblehead, OH	2.4	3.0	0.6	306.4	3.0	20.3
95	C	Morehead City, NC	1.3	20.8	1.6	3.1	2.9	10.4
96	L	Port Dolomite, MI	2.7	11.9	0.1	-44.2	2.9	6.6
97	L	Monroe, MI	2.8	2.1	**	327.6	2.9	3.3
98	C	Portsmouth, NH	0.5	-2.6	2.3	-0.1	2.8	-0.5
99	C	Panama City, FL	0.6	-30.0	2.2	32.7	2.8	12.2
100	L	Milwaukee, WI	1.2	-4.4	1.4	-16.1	2.6	-11.0

1. **Denotes extreme percent change or tonnage less than 50,000 tons.

2. Total may not equal column sum due to rounding.

3. Type code depicts the location of the port as Coastal (C), Great Lakes (L), or Inland (I).

Domestic Traffic for Selected U.S. Inland Waterways in 2015

(Millions of Short Tons, Billions of Ton-miles¹ and Change from 2014)

Waterway	Length (miles)	Tons		Ton-miles		Trip ² Ton-miles	
		2015	%	2015	%	2015	%
Atlantic Coast							
Atlantic Intracoastal Waterway, VA-FL	739	2.6	8.5	0.2	17.2	0.4	17.0
Intracoastal Wtwy, Jacksonville to Miami, FL	349	0.0	554.0	**	137.5	**	380.5
Gulf Coast							
Bayou Teche, LA	107	0.5	46.7	**	27.8	0.1	28.5
Black Warrior and Tombigbee rivers, AL	430	18.4	-13.3	2.9	-13.7	6.5	-8.8
Chocolate Bayou, TX	13	1.2	-10.4	**	-11.0	0.4	-12.8
Gulf Intracoastal Waterway, TX-FL	1,109	118.9	-5.7	20.6	-5.6	53.5	-5.6
GIWW: Morgan City to Port Allen, LA	64	18.7	-17.0	1.1	-19.0	16.1	-21.7
Petit Anse, Tigre, Carlin bayous, LA	16	3.5	9.1	**	4.7	4.1	16.9
Tennessee-Tombigbee Waterway, AL and MS	234	8.1	-8.3	1.3	-3.7	4.6	-5.0
Mississippi River System							
Allegheny River, PA	72	0.7	-61.8	**	-58.0	0.3	-30.3
Atchafalaya River, LA	121	6.5	-6.6	0.6	-6.9	3.7	-8.3
Big Sandy River, KY and WV	27	6.1	-34.4	**	-41.4	2.9	-25.5
Cumberland River, KY and TN	381	21.8	-2.5	2.1	-5.5	10.6	2.4
Green and Barren rivers, KY	109	12.0	-12.3	0.5	-10.8	3.0	-12.3
Illinois Waterway, IL	357	35.5	-4.3	7.1	-6.8	35.7	-7.8
J. Bennett Johnston Waterway, LA	346	8.0	0.3	0.4	-3.7	5.5	-1.0
Kanawha River, WV	91	13.9	2.7	0.8	2.0	4.9	1.2
McClellan-Kerr Arkansas R. Nav. Sys., AR/OK	462	10.2	-14.4	2.6	-18.1	6.7	-18.3
Mississippi R. Mpls, MN to Mouth of Passes	1,833	315.8	-3.4	169.9	-3.8	216.3	-4.8
Minneapolis, MN to Mouth of Missouri Riv.	663	64.2	-1.7	11.2	12.6	72.7	-1.3
Mouth of Missouri R. to Mouth of Ohio R.	195	103.8	-5.1	17.4	-4.4	108.1	-3.7
Mouth of Ohio River to Baton Rouge, LA	718	186.8	-6.7	115.5	-5.9	191.4	-5.3
Baton Rouge to New Orleans, LA	130	242.6	-1.7	19.1	-1.2	184.7	-3.2
New Orleans, LA to Mouth of Passes	127	137.3	3.2	6.6	4.5	73.1	1.1
Missouri River Mouth to Sioux City, IA	732	4.4	-5.8	0.1	-8.6	0.3	-17.8
Monongahela River, PA and WV	128	16.3	-15.7	0.7	-23.1	5.1	-5.1
Ohio River, PA, WV, OH, KY, IN and IL	981	201.4	-8.8	47.2	-7.9	108.1	-6.0
Ouachita and Black Rivers, AR and LA	332	0.8	-26.6	0.1	-24.4	0.2	-32.0
Tennessee River, TN, KY, MS and AL	652	35.8	0.5	4.4	-4.9	20.9	4.6
Pacific Coast							
Columbia River System, OR, WA, and ID ³	596	13.8	-16.5	2.2	-5.4	1.9	-10.7
Columbia River and Willamette River							
below Vancouver, WA and Portland, OR ³	113	13.3	-16.7	0.5	-18.9	1.9	-10.6
Vancouver, WA to The Dalles, OR	86	8.4	-12.9	0.6	-15.5	1.9	-11.0
The Dalles Dam to McNary Lock and Dam	100	6.9	-13.9	0.6	-16.1	1.8	-10.4
Above McNary L & D to Kennewick, WA	39	5.0	-16.4	0.2	-20.9	1.5	-10.8
Snake River(WA and ID) to Lewiston, ID	141	3.6	-16.6	0.3	17.9	1.2	-8.5
Willamette River above Portland, OR	149	0.9	-23.7	**	0.0	0.1	-25.0

1. ** Denotes ton-miles of less than 50 million.

2. Internal and intraport tons times total distance from origin to destination.

3. Includes coastwise entrance channel miles for tons and ton-miles but not for trip ton-miles.

U.S. Waterborne Traffic by State in 2015¹

(Millions of Short Tons and Change from 2014)

Rank	State	Domestic		Foreign		Total ²	
		Tons	%	Tons	%	Tons	%
1	Louisiana	300.36	-1.6	234.99	-1.5	535.35	-1.6
2	Texas	161.62	0.9	349.27	0.8	510.89	0.8
3	California	31.92	7.3	193.78	-3.3	225.71	-2.0
4	New Jersey	57.07	6.9	93.16	-0.7	150.22	2.0
5	Washington	35.92	-7.6	75.74	-6.0	111.66	-6.5
6	Florida	46.27	-1.2	55.17	6.3	101.44	2.7
7	Kentucky	96.12	-4.9	0.00	0.0	96.12	-4.9
8	Illinois	91.96	-11.9	2.03	-2.2	93.99	-11.8
9	Ohio	73.77	-14.7	9.95	-8.5	83.72	-14.0
10	Alabama	38.47	-14.2	35.91	-2.5	74.37	-8.9
11	Indiana	64.18	-9.8	2.01	-1.4	66.20	-9.6
12	Pennsylvania	45.66	-7.1	16.43	4.1	62.09	-4.4
13	Virginia	9.75	-10.5	51.98	-23.4	61.73	-21.6
14	West Virginia	60.07	-5.9	0.00	0.0	60.07	-5.9
15	Michigan	50.96	-0.8	7.79	-10.1	58.75	-2.1
16	Maryland	11.40	8.4	32.60	7.0	44.00	7.4
17	Alaska	35.55	0.8	6.24	11.3	41.78	2.2
18	Mississippi	22.52	-10.9	19.06	-5.8	41.58	-8.6
19	Minnesota	36.69	-7.5	3.02	-20.6	39.71	-8.6
20	New York	27.50	-0.8	11.20	4.6	38.69	0.7
21	Georgia	1.12	-18.6	37.19	2.6	38.31	1.9
22	Missouri	36.99	-4.6	0.00	0.0	36.99	-4.6
23	Wisconsin	27.10	5.4	6.59	-19.4	33.68	-0.6
24	Tennessee	32.30	-7.2	0.00	0.0	32.30	-7.2
25	Oregon	11.32	-19.6	13.76	-23.9	25.08	-22.0
26	Hawaii	16.36	-2.1	8.18	-0.5	24.54	-1.6
27	South Carolina	1.97	-3.1	20.09	9.7	22.06	8.5
28	Puerto Rico	5.61	-5.6	14.99	1.4	20.60	-0.6
29	Massachusetts	5.91	-5.8	12.55	0.8	18.46	-1.4
30	Delaware	7.38	13.2	8.78	11.7	16.16	12.4
31	Arkansas	15.87	-12.6	0.00	0.0	15.87	-12.6
32	Connecticut	10.17	6.2	3.50	-6.5	13.66	2.6
33	Iowa	10.81	22.1	0.00	0.0	10.81	22.1
34	Maine	1.29	-4.6	9.13	-14.0	10.41	-12.9
35	North Carolina	2.61	8.9	6.96	-4.5	9.57	-1.2
36	Rhode Island	3.90	0.7	5.08	4.0	8.98	2.5
37	Oklahoma	5.03	-19.4	0.00	0.0	5.03	-19.4
38	New Hampshire	0.46	-6.0	2.31	-0.1	2.77	-1.1
39	Virgin Islands	0.26	-7.4	0.40	-85.5	0.66	-78.2
40	Guam	0.49	-1.1	0.00	0.0	0.49	-1.1
41	Pacific Islands	0.17	67.9	0.00	0.0	0.17	67.9
42	Kansas	0.12	-33.9	0.00	0.0	0.12	-33.9
43	District of Columbia	0.08	-35.8	0.00	0.0	0.08	-35.8
44	Nebraska	0.02	127.8	0.00	0.0	0.02	127.8
45	Idaho	0.01	-98.4	0.00	0.0	0.01	-98.4

1. Includes shipments, receipts and intrastate commerce.

2. Total may not equal column sum due to rounding.

U.S. Flag Vessels as of December 31, 2015

Vessel Type	Number	Age ¹					
		<= 5	6-10	11-15	16-20	21-25	>25
Vessel (total)²	40,555	7,033	5,977	4,455	6,653	3,276	13,011
Self-Propelled (total)	8,985	832	882	657	719	391	5,495
Dry Cargo	788	52	57	103	87	53	431
Tanker	62	11	19	9	6	3	14
Pushboat	3,170	386	285	169	172	75	2,082
Tugboat	2,422	166	249	134	165	65	1,641
Passenger ³	826	19	41	63	90	108	505
Offshore Supply	1,717	198	231	179	199	87	822
Barge (total)	31,555	6,198	5,094	3,798	5,932	2,885	7,507
Dry Covered	10,665	1,748	1,452	1,714	2,995	1,028	1,727
Dry Open	8,354	789	1,475	920	1,878	1,182	2,095
Deck	7,337	2,209	1,188	597	550	337	2,333
Other Dry Cargo ⁴	194	17	16	14	23	13	109
Double Hull Tank	3,998	1,083	733	461	437	311	973
Other Tank ⁵	1,007	352	230	92	49	14	270

1. Age in years based upon the vessel's build or rebuild year, using calendar year 2015 as the base year.
2. Total is greater than sum because of 15 unclassified vessels and 150 vessels of unknown age.
3. Includes passenger, excursion/sightseeing.
4. Includes container, railroad car, pontoon, roll on - roll off, and convertible.
5. Includes tank barges that may be double sided only, double bottom only, or single hulled.

U.S. Waterborne Container Traffic by Region in 2015

Loaded and Empty in Thousands of TEU's¹ and Percent Change from 2014

Region	Domestic ²				Foreign		Total	
	Loaded	%	Empty	%	Loaded	%	Loaded	%
Total³								
Inbound	2,083	-9.6	678	3.0	20,067	4.1	22,150	2.6
Outbound	2,083	-9.6	678	3.0	11,432	-4.6	13,515	-5.4
Atlantic								
Inbound	620	-12.1	152	15.6	8,751	10.2	9,371	18.0
Outbound	620	-11.9	152	15.6	5,662	-1.4	6,282	9.4
Gulf								
Inbound	0	-98.4	0	-97.0	1,382	10.0	1,382	10.0
Outbound	0	-98.5	0	-97.0	1,418	3.1	1,418	3.1
Pacific								
Inbound	1,463	-7.2	526	0.2	9,931	-1.5	11,394	13.0
Outbound	1,463	-7.2	526	0.2	4,352	-10.4	5,815	19.7

1. TEU = Twenty Foot Equivalent Units. Foreign empties not included.
2. A domestic container is counted as an inbound and outbound movement.
3. Total includes 4,156 loaded TEU's for the Great Lakes.

Ports and Waterways Facts

- The Port of Virginia, VA has been defined by statute which includes Norfolk Harbor and the Port of Newport News, plus Hampton Creek and the channel accessing the community of Phoebus in the city of Hampton. The previously named Hampton Roads Port is included in this new port definition.
 - The Gulf Intracoastal Waterway carries barge traffic 1,036 statute miles from Saint George Sound, between Carrabelle and Apalachicola, FL, to Port Isabel Channel, between Port Isabel and Brownsville, TX. It links together shallow-draft channels from western Florida to southern Texas and crosses numerous deep-draft channels.
 - Inland waterways conveying barges connect Fairmont, WV, and facilities handling cargo at nearby Morgantown, WV, with the New Orleans area and the Gulf of Mexico via 2,087 statute miles of channels through the Monongahela, Ohio and Mississippi Rivers.
 - Inland navigation extends from Minneapolis, MN to the Gulf via 1,831 statute miles of the Mississippi River.
 - Barge berths at Catoosa, OK, near Tulsa, are accessed from the Gulf via 1,067 statute miles of inland waterways through the McClellan-Kerr Arkansas River Navigation System (Verdigris and Arkansas Rivers, Arkansas Post Canal, and White River Entrance Channel) and Mississippi River.
 - Duluth, MN and Superior, WI at the western tip of Lake Superior are served by ocean-going vessels sailing 2,371 statute miles through the Great Lakes and the St. Lawrence Seaway from the Atlantic Ocean.
 - Waterways are operated by the Corps as multi-purpose, multi-objective projects. They not only serve commercial navigation, but in many cases also provide hydropower, flood protection, municipal water supply, agricultural irrigation, recreation, and regional development.
 - Visit the NDC website at <http://www.navigationdatacenter.us/ports/ports.htm> for more ports and waterways facilities data and information.
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Trust Fund Facts

- The Inland Waterways Trust Fund earned \$111.13 million in Fiscal Year (FY) 2016. This included \$110.9 million paid by the inland marine towing industry and interest of \$0.226 million. The Trust Fund disbursed \$108.0 million for construction projects leaving an available balance of \$57.4 million for new construction obligations.
 - The Harbor Maintenance Trust Fund equity increased by \$76.7 million to \$8.83 billion in FY 2016. Total receipts and interest equaled \$1,371.2 million in FY 2016. This included taxes from domestic commerce of \$60.4 million and taxes collected from imports of \$1,076.6 million. All transfers totaled \$1,294.6 million; the U.S. Army Corps of Engineers received \$1,262.9 million, an increase of \$58.3 million from \$1,204.6 million in FY 2015.
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Vessel Facts

- The number of deep draft dry cargo barges has increased from 461 in 2014 to 464 in 2015, a 0.7% increase.
- The number of double hull tank barges has increased from 3,772 in 2014 to 3,998 in 2015, a 6.0% increase.
- Of the 40,555 United States flag passenger and cargo vessels operating or available for operation on December 31, 2015, 80.5% or 32,654 vessels are in the Mississippi River System and Gulf Intracoastal Waterway region.
- Of the 8,985 United States flag self-propelled passenger and cargo vessels as of December 31, 2015, 61.2% or 5,495 vessels are greater than 25 years old.
- Of the 8,985 United States flag self-propelled passenger and cargo vessels as of December 31, 2015, 19.1% or 1,714 vessels are less than 10 years old.
- The Waterborne Transportation Lines of the U.S., which includes an inventory of vessel companies and their American flag vessels operating in the transportation of freight and passengers, is available on the NDC website at <http://www.navigationdatacenter.us/veslchar/veslchar.htm>.

Mississippi River and Tributaries - Lock Contact Information (Phone Numbers)

Allegheny		Kaskaskia		Ouachita-Black	
2	412.661.2217	Kaskaskia	618.284.7160	Columbia Lock	318.649.2049
3 (Bill Young)	412.828.3550	McClellan-Kerr		Felsenthal	870.943.2307
4	724.224.2666	Chouteau	918.687.4501	H.K. Thatcher	870.748.2265
5	724.295.2261	Newt Graham	918.543.2216	Jonesville	318.339.7839
6	724.295.3775	Montgomery Pt.	870.548.3400	Red River	
7	724.543.2551	Norrell	870.548.2796	L.C. Boggs	318.253.8922
8	724.548.5119	2	870.548.2791	John Overton	318.443.9625
9	724.868.2486	Joe Hardin	870.479.3164	3	318.627.2944
Atchafalaya		Emmet Sanders	870.534.2127	Russell B. Long	318.932.6960
Old River	225.492.3333	Col Maynard	501.842.2761	Joe Waggonner	318.797.9519
Berwick	504.862.6400	David D. Terry	501.961.9281	Tenn-Clinch	
Black Rock		Murray	501.663.1997	Melton Hill	865.986.2762
Black Rock	716.879.4403	Toad Suck Ferry	501.327.0853	Kentucky	270.362.4226
Warrior-Tombigbee-Mobile		Arthur Ormond	501.354.8402	Pickwick	731.925.2334
Coffeeville	205.276.3293	Dardanelle	479.890.4987	Wilson	256.764.5223
Demopolis	205.289.0645	Ozark (J Taylor)	479.667.2120	Gen. Wheeler	256.247.3311
Selden	205.372.3571	James Trimble	479.452.0488	Guntersville	256.582.3263
Oliver	205.758.4860	W.D. Mayo	918.962.3481	Nickajack	423.942.3985
Holt	205.553.1711	Robert S. Kerr	918.775.2091	Chickamauga	423.875.6230
Bankhead	205.339.1921	Webbers Falls	918.489.5987	Watts Bar	423.334.3522
Calcasieu River		Monongahela		Fort Loudoun	865.986.2762
Calc. Barrier	504.862.6150	Braddock	412.271.1272	Upr Mississippi	
Cumberland		3	412.384.4532	Upr St. Anthony	651.290.5927
Barkley	270.362.4222	4	724.684.8442	Lwr St. Anthony	651.290.5936
Cheatham	615.792.4349	Maxwell	724.785.5027	1	651.290.5919
Old Hickory	615.847.3281	Gray's Landing	724.583.8304	2	651.437.5828
Cordell Hull	615.735.1040	Point Marion	724.725.5289	3	651.388.5794
Freshwater Bayou		Morgantown	304.292.1885	4	651.290.5951
Frshwtr Bayou	337.737.2470	Hildebrand	304.983.2300	5	651.290.5944
GIWW-all		Opekiska	304.366.4224	5A	507.452.2789
Bayou Boeuf	504.862.6100	Ohio		6	651.290.5964
Leland Bowman	337.893.6790	Emsworth	412.766.6213	7	651.290.5186
Calcasieu	504.862.6200	Dashields	724.457.8430	8	608.689.2625
Algiers	504.862.6050	Montgomery	724.643.8400	9	608.874.4311
Inr Hrbr Nav Can	504.945.2157	New Cumberland	740.537.2571	10	563.252.1261
Bayou Sorrel	504.862.6250	Pike Island	304.227.2240	11	563.582.1204
Port Allen	504.862.6000	Hannibal	740.483.2305	12	563.872.3314
Colorado E & W	979.863.2318	Willow Island	740.374.8710	13	815.589.3313
Brazos E & W	979.233.3146	Belleville	740.378.6110	14	309.794.4357
Harvey	504.862.6750	Racine	304.882.2118	15	309.794.5266
Illinois		Robert C. Byrd	304.576.2272	16	309.537.3191
LaGrange	217.225.3317	Greenup	606.473.7441	17	309.587.8125
Peoria	309.699.6111	Capt. Meldahl	513.876.2921	18	309.873.2246
Starved Rock	815.667.4114	Markland	859.567.7661	19	319.524.2631
Marseilles	815.795.2593	McAlpine	502.774.3514	20	573.288.3320
Dresden	815.942.0840	Cannelton	812.547.2962	21	217.222.0918
Brandon Road	815.744.1714	Newburgh	812.853.8470	22	573.221.0294
Lockport	815.838.0536	John T. Myers	812.838.5836	24	573.242.3524
O'Brien	773.646.2183	Smithland	618.564.2315	25	636.566.8120
Kanawha		52	618.564.3151	Mel Price	636.899.1543
Winfield	304.586.2501	53	618.742.6213	27	618.452.7107
Marmet	304.949.1175				
London	304.442.8422				

Visit the NDC web site at <http://www.navigationdatacenter.us/lpms/lpms.htm> for Key Lock Report, Summary of Lock Statistics, Lock Contact Information, and Lock Characteristics

For Further Information

This fact card provides an overview of information about U.S. ports and waterways for the latest complete statistical year. Statistics are produced by the U.S. Army Corps of Engineers (USACE) Navigation and Civil Works Decision Support Center (NDC), formerly the Navigation Data Center. Domestic data are collected by NDC. U.S. foreign tonnage and vessel movements are derived from data provided by the Port Import Export Reporting Service (IHS Inc.), the U.S. Customs and Border Protection, and the U. S. Bureau of the Census. Contact one of the following sites for information on NDC's products and services:

- **Web Site:** Access for up-to-date statistics:

www.navigationdatacenter.us/index.htm

www.navigationdatacenter.us/lpms/lpms.htm

www.navigationdatacenter.us/wcsc/wcsc.htm

- **NDC:** Lock infrastructure data; lock performance; dredging statistics; and information on Inland Waterway and Harbor Maintenance Trust Funds.

Navigation and Civil Works Decision Support Center
U.S. Army Corps of Engineers
7701 Telegraph Road
Alexandria, VA 22315-3868
Fax 703-428-6047
E-mail: CEIWR-NDC.WEBMASTER@usace.army.mil

- **Waterborne Commerce Statistics Center:** Commercial movements of U.S. foreign and domestic cargo and vessels; U.S. vessel and vessel operator statistics; port, waterways, and dock infrastructure data; and water transportation summary materials.

Waterborne Commerce Statistics Center
U.S. Army Corps of Engineers
7400 Leake Ave. Room 109
New Orleans, LA 70161-1280
504-862-1441, 504-862-1426; FAX 504-862-1423
E-mail: CEIWR-NDCWCSC.WEBMASTER@usace.army.mil

User feedback is essential for USACE to meet current needs. Provide comments to Director, Waterborne Commerce Statistics Center, 7400 Leake Ave. Room 109, New Orleans, LA 70161-1280 or e-mail CEIWR-NDCWCSC.WEBMASTER@usace.army.mil.

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