
WATERBORNE COMMERCE OF THE UNITED STATES

Calendar Year 2016

Part 1—
Waterways and Harbors
Atlantic Coast



Department of the Army
Corps of Engineers

Institute for Water Resources

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Introduction

General

Waterborne Commerce of the United States, WCUS, Part 1 is one of a series of publications which provides statistics on the foreign and domestic waterborne commerce moved on the United States waters. WCUS, Parts 1-4 present detailed data on the movements of vessels and commodities at the ports and harbors and on the waterways and canals of the United States, and its territories.

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.

The publication numbers and the geographical areas covered in WCUS, Parts 1-5 are detailed below:

WCUS, Part 1 Atlantic Coast

WCUS, Part 2 Gulf Coast, Mississippi River System and Antilles

WCUS, Part 3 Great Lakes

WCUS, Part 4 Pacific Coast, Alaska and Hawaii

WCUS, Part 5 National Summaries

Legal Authority

The legal authority for the collection, compilation and publication of waterborne commerce statistics by the Army Corps of Engineers is Section 11 of the Rivers and Harbors Appropriations Act of 1922 (42 Stat. 1043), as amended, and codified in 33 U.S.C. 555 and provides the following:

Owners, agents, masters, and clerks of vessels and other craft plying upon the navigable waters of the United States, and all individuals and corporations engaged in transporting their own goods upon the navigable waters of the United States, shall furnish such statements relative to vessels, passengers, freight and tonnage as may be required by the Secretary of the Army: Provided. That this provision shall not apply to those rafting logs, except upon a direct request upon the owner to

furnish specific information.

Every person or persons offending against the provisions of this section shall, for each and every offense, be liable to a fine of not more than \$5,000 or imprisonment not exceeding two months, to be enforced in any district court of the United States within whose territorial jurisdiction such offense may have been committed. In addition, the Secretary may assess a civil penalty of up to \$2,500 per violation against any person or entity, that fails to provide timely, accurate statements required to be submitted pursuant to this section by the Secretary.

The vessel and commodity movement information collected and compiled is designed to meet the data requirements of the Department of the Army in connection with the duties assigned by Congress. These data also provide valuable information for other governmental departments, commercial and shipping concerns and others interested in the U.S. transportation industry.

Domestic Commerce

Contiguous and non-contiguous states and territories constitute the geographical space upon which domestic commerce may be transported. This includes Hawaii, Alaska, the 48 contiguous states, Puerto Rico and the Virgin Islands, Guam, American Samoa, Wake Island and the U.S. Trust Territories.

The waterborne traffic movements are reported to the Corps of Engineers by all vessel operators of record on ENG Forms 3925 and 3925b (or equivalent) approved by the Office of Management and Budget under the Paperwork Reduction Act (44 U.S.C. 3510(a)). The reports are generally submitted on the basis of individual vessel movements completed. For movements with cargo, the point of loading and the point of unloading of each individual commodity must be delineated. Cargo moved for the military agencies in commercial vessels is reported as ordinary commercial cargo;

military cargo movements in Department of Defense vessels are not collected.

In summarizing the domestic commerce certain movements are excluded: Cargo carried on general ferries; coal and petroleum products loaded from shore facilities directly into bunkers of vessels for fuel; and insignificant amounts of government materials (less than 100 tons) moved on government owned equipment in support of Corps projects.

Foreign Commerce

Foreign commerce is waterborne import, export and in-transit traffic between the United States, Puerto Rico and the Virgin Islands and any foreign country. These statistics do not include traffic between any foreign country and the United States Territories and Possessions (American Samoa, Guam, North Mariana Islands and U.S. Outlying Islands).

Beginning with the calendar year 2000 publication, foreign waterborne import, export and in-transit cargo statistics are derived primarily from data provided by IHS Inc. Port Import Export Reporting Service, a division of the Commonwealth Business Media, Inc. and supplemented by data furnished to the Corps of Engineers by the U.S. Bureau of the Census and the U.S. Customs and Border Protection. Foreign cargo is matched to vessel moves to improve geographic specificity.

The Republic of Panama is considered a foreign country. However, individual vessel movements with origin and destination at United States ports traveling via the Panama Canal are considered domestic traffic. Alaskan crude oil (origin at Valdez, AK) shipped via the Panama pipeline (west to east) and destined for gulf and east coast ports is also considered domestic commerce.

Import and export shipments for use of the United States Armed Forces abroad are not reported to the Waterborne Commerce Statistics Center (WCSC). Beginning with calendar year 1989 shipments under the military assistance program of the Department of Defense are included in the statistics under the appropriate commodity code. In prior years these cargoes were given as commodity code 9999.

Commodity Descriptions

The first two digits of the WCSC publication codes correspond with the Lock Performance Monitoring System (LPMS) commodity codes. Both LPMS and WCSC codes were standardized to reflect the hierarchical structure of the Standard International

Trade Classification (SITC) Revision 3 commodity codes. SITC, Rev. 3 commodity codes conform to the Harmonized Commodity Description and Coding System (HS). Using SITC, Rev. 3 allows direct comparisons with U.S. imports, exports, and in-transits, as well as, with commodity movements of other countries.

Tonnage

The tonnage figures provided throughout the **WCUS, Parts 1-4** represent short tons (2,000 pounds). Tonnage figures are rounded to the nearest 1,000 tons.

A zero represents less than 500 tons but more than zero. A dash means no tonnage. Columns and rows may not add up exactly to totals and subtotals due to rounding.

Some freight tables have "Total" and "Grand Total". The "Total" means that in some cases it is the total for domestic or foreign and Canadian traffic. The "Grand Total" specifically represents the sum total of all the different traffics, including all domestic and foreign traffic. If a particular column or traffic type has only dashes and zeroes in the tonnage fields for that entire freight table then that column (traffic type) will not print.

Ton-Miles

For domestic movements, ton-miles equal the cargo tonnage times the distance between the point of loading on the water and the point of unloading on the water. For U.S. - Canada movements on the Great Lakes, ton-miles equal the tonnage times the distance between the U.S. and Canadian locations. For overseas imports and exports, foreign ton-miles are computed by multiplying the cargo tonnage by the miles carried on U.S. waterways and channels. Ton-miles are rounded to the nearest 1,000 ton-miles. The ton-mile data appears in the publication by traffic type at the end of a particular freight table for a given project. Since there are columns that will not print (see tonnage above) the ton-miles associated with these columns will likewise not be included in the total ton-miles for that particular freight table. They will be included in "Ton-miles All Traffic" at the end of the project.

Trips

A trip is a vessel movement. For self-propelled vessels, a trip is logged between every point of

departure and every point of arrival. For loaded barges, a trip is logged from the point of the loading of the barge to the point of unloading of the barge (i.e., excluding fleeting areas). For empty barges, trips are logged from point of unloading to the point of loading counting the fleeting areas in between (e.g. if an empty barge moved from Dock A to Dock B and the barge stopped at three fleeting areas in between, then four trips are logged.)

Some towboat trips and empty barge moves are estimated from a sample to expedite processing and reduce costs. The number of trips also includes vessels engaged in foreign trade. These moves are furnished by U.S. Customs and Border Protection.

To more accurately reflect actual traffic patterns (e.g. inbound versus outbound trip counts), some adjustments are made to the domestic trip counts in the trip and draft tables in this publication.

Special Interest

Beginning in calendar year 2000, the tonnage of fish landings are no longer included in this publication.

Passenger totals are not included in this publication but are available on request. Passenger data not relevant to transportation such as excursions, sight-seeing, and floating casinos are no longer collected as of calendar year 2001. As of calendar year 2004, passengers, autos, and railway cars are not included in the domestic trips and drafts tables. Cruise ships in foreign traffic are included in the foreign trips and drafts tables.

Beginning in calendar year 2001, the movement of tugboats used to assist larger vessels within the districts of New England (Boston), New York, New Orleans, Galveston (Houston) are no longer collected.

Terminology

Types of Traffic

Foreign

Inbound: Includes waterborne imports and inbound in-transit merchandise.

Imports

Overseas: Inbound merchandise originating in foreign countries other than Canada and arriving by marine vessel for direct U.S. consumption and entries into custom bonded storage and manufacturing warehouses.

Canadian: Inbound merchandise originating in Canada and arriving by marine vessel for direct U.S. consumption and entries into custom bonded storage and manufacturing warehouses.

Inbound In-transits: Merchandise coming into the United States by marine vessel from a foreign country and shipped to a foreign country without having been entered as an import. In-transit merchandise is treated as inbound when unloaded from a marine vessel.

Outbound: Includes waterborne exports and outbound in-transit merchandise.

Exports

Overseas: Outbound domestic merchandise and re-export of foreign merchandise from a U.S. foreign trade zone shipped by marine vessel to foreign countries other than Canada.

Canadian: Outbound domestic merchandise and re-export of foreign merchandise from a U.S. foreign trade zone shipped by marine vessel to Canada.

Outbound In-transits: Merchandise coming into the United States from a foreign country and shipped by marine vessel to a foreign country without having been entered as an import. In-transit merchandise is treated as outbound when loaded onto a marine vessel.

Domestic

Coastwise: Domestic traffic receiving a carriage over the ocean, or the Gulf of Mexico,(e.g. New Orleans to Baltimore, New York to Puerto Rico, San Francisco to Hawaii, Alaska to Hawaii). Traffic between Great Lakes ports and seacoast ports, when having a carriage over the ocean, is also termed **Coastwise**.

Lakewise: Waterborne traffic between the United States ports on the Great Lakes System. The Great Lakes System is treated as a separate waterway system rather than as a part of the inland waterway system. In comparing historical data for the Great Lakes System, one should note that prior to calendar year 1990, marine products, and sand and gravel being moved from the Great Lakes to Great Lake destinations were classified as local traffic. From 1990 on, these activities are classified as lakewise traffic.

Internal: Vessel movements (origin and destination) which take place solely on inland waterways. An inland waterway is one geographically located within the boundaries of the contiguous 48 states or within the boundaries of the State of Alaska.

The term "internal traffic" is also applied to these vessel movements: those which involve carriage on both inland waterways and the Great Lakes; those occurring between offshore areas and inland waterways (e.g., oil rig supplies and fish); and those taking place within Delaware Bay, Chesapeake Bay, Puget Sound, and San Francisco Bay, which are considered internal bodies of water rather than arms of the ocean.

Intraport: Movement of freight within the confines of a port whether the port has one or several arms or channels included in the port definition. This traffic type will not include car-ferries and general ferries moving within a port.

Through: Movements transiting a waterway, or stretch thereof, as defined in the project description of individual tables, and having origins and destinations outside of the defined area.

Intra-waterway: Shipments and receipts within the limits of a river, waterway or canal. This traffic will not include car-ferries and general ferries moving within a waterway or Corps project.

Intra-territory: Traffic between ports in Puerto Rico and the Virgin Islands, which are considered a single unit.

Traffic Direction

Waterways

Upbound: Traffic that moves in an upstream direction. For waterways without a characteristic monodirectional flow (e.g. the Gulf Intracoastal Waterway), "upbound" means in a northerly or easterly direction.

Downbound: Traffic that moves in a downstream direction. For waterways without a characteristic monodirectional flow, "downbound" means in a southerly or westerly direction.

Inbound: Traffic moving from one waterway into another where the destination is on the subject waterway.

Outbound: Traffic moving from one waterway into another where the origin is on the subject waterway.

Ports

Receipts: Traffic moving from one location to another where the destination is within the limits of the subject port.

Shipments: Traffic moving from one location to another where the origin is within the limits of the subject port.

Commodity Descriptions: The first two digits of the Waterborne Commerce Statistics Center (WCSC) publication codes correspond with the Lock Performance Monitoring System (LPMS) commodity codes. Both LPMS and WCSC codes were standardized to reflect the hierarchical structure of the Standard International Trade Classification (SITC) Revision 3 commodity codes. SITC, Rev. 3 commodity codes conform to the Harmonized Commodity Description and Coding System (HS). Using SITC, Rev. 3 allows direct comparisons with U.S. imports and exports, as well as with commodity movements of other countries.

Tons: The tonnage figures provided throughout the *Waterborne Commerce of the United States*, **WCUS, Parts 1-5** represent short tons (2,000 pounds).

Where noted, tonnage figures are rounded to the nearest thousand tons. A zero represents less than 500 tons but more than zero. Dashes mean zero tons. Columns and rows may not add up exactly to totals and subtotals due to rounding.

Ton-miles: Water carriage ton-miles were first compiled and published in calendar year 1962. The distances used are statute miles. The ton-mile parameter measures the total activity on a waterway or channel. Ton-miles are not computed for ports.

Domestic ton-miles are calculated by multiplying the tons of commerce being moved by the number of miles actually moved on the water from the point of loading onto the vessel to the point of unloading off of the vessel. Coastwise ton-miles includes the distance across open ocean and

the Gulf of Mexico.

For rivers, inland waterways and coastal routes the distances were computed from waterway survey maps, NOAA charts and records of the Corps of Engineers.

For the Great Lakes system the ton-miles are computed for movements of cargo west of the international boundary of St. Regis, Quebec, Canada to head of Lake Superior at Duluth, MN and Superior, WI.

For lakewise domestic movements, ton-miles equal the cargo tonnage times the distance between the U.S. Great Lakes ports.

For Canadian imports and exports, and in-transits across the Great Lakes foreign ton-miles are computed as the tonnage times the distance between the U.S. and Canadian ports.

For overseas imports and exports, and in-transits foreign ton-miles are computed by multiplying the cargo tonnage by the miles carried on U.S. waterways and channels. Distances across the oceans are not included in the computation of the overseas foreign ton-miles.

Ton-miles are rounded to the nearest thousand.

Trip Ton-miles: Trip ton-miles is a measure of a single waterway's contribution to the whole waterway system. Trip ton-miles are computed by identifying every commercial cargo-carrying vessel that has plied a particular inland waterway and summing the products of the tons times the total trip-miles for each vessel trip. "Trip-miles" is the total distance from origin (loading) to destination (unloading). For example, a barge carrying 1,200 tons of wheat might only travel 30 miles on the Illinois River but its total trip to New Orleans might be 1,000 miles. This trip would contribute 1,200,000 trip ton-miles to the Illinois River. Small rivers often contribute to the traffic on larger rivers. Published trip ton-miles do not include coastal and Great Lakes vessel movements.

Trans-shipments: Ports and offshore anchorages where cargo is moved from one vessel to another. These are: St. Lucia, Virgin Islands; Heald Bank off the Louisiana and Texas coasts; Chirqui Grande, Panama; Puerto Armuelles, Panama; and Hondo Platform-Pacific Ocean.

Commodity Classification List

Major Grouping

Minor Grouping

Pub Group Pub Name

00 Units

0200 Vehicles
0300 Passengers

10 Coal

1100 Coal & Lignite
1200 Coal Coke

20 Petroleum & Petroleum Products

21 Crude Petroleum

2100 Crude Petroleum

22-29 Petroleum Products

2211 Gasoline
2221 Kerosene
2330 Distillate Fuel Oil
2340 Residual Fuel Oil
2350 Lube Oil & Greases
2410 Petro. Jelly & Waxes
2429 Naphtha & Solvents
2430 Asphalt, Tar & Pitch
2540 Petroleum Coke
2640 Hydrocarbon & Petrol Gases,
Liquefied and Gaseous
2990 Petro. Products NEC

30 Chemicals and Related Products

31 Fertilizers

3110 Nitrogenous Fert.
3120 Phosphatic Fert.
3130 Potassic Fert.
3190 Fert. & Mixes NEC

32 Other Chemicals and
Related Products

3211 Acyclic Hydrocarbons
3212 Benzene & Toluene
3219 Other Hydrocarbons
3220 Alcohols
3230 Carboxylic Acids
3240 Nitrogen Func. Comp.
3250 Organo-Inorganic Comp.
3260 Organic Comp. NEC
3271 Sulphur (Liquid)
3272 Sulphuric Acid
3273 Ammonia
3274 Sodium Hydroxide
3275 Inorg. Elem., Oxides,
& Halogen Salts
3276 Metallic Salts
3279 Inorganic Chem. NEC
3281 Radioactive Material

Major Grouping

Minor Grouping

Pub Group Pub Name

3282 Pigments & Paints
3283 Coloring Mat. NEC
3284 Medicines
3285 Perfumes & Cleansers
3286 Plastics
3291 Pesticides
3292 Starches, Gluten, Glue
3293 Explosives
3297 Chemical Additives
3298 Wood & Resin Chem.
3299 Chem. Products NEC

40 Crude Materials, Inedible Except Fuels

41 Forest Products, Wood and Chips

4110 Rubber & Gums
4150 Fuel Wood
4161 Wood Chips
4170 Wood in the Rough
4189 Lumber
4190 Forest Products NEC

42 Pulp and Waste Paper

4225 Pulp & Waste Paper

43 Soil, Sand, Gravel, Rock and Stone

4310 Building Stone
4322 Limestone
4323 Gypsum
4327 Phosphate Rock
4331 Sand & Gravel
4333 Dredged Material
4335 Waterway Improv. Mat
4338 Soil & Fill Dirt

44 Iron Ore and Scrap

4410 Iron Ore
4420 Iron & Steel Scrap

45 Marine Shells

4515 Marine Shells

46 Non-Ferrous Ores and Scrap

4630 Copper Ore
4650 Aluminum Ore
4670 Manganese Ore
4680 Non-Ferrous Scrap
4690 Non-Ferrous Ores NEC

47 Sulphur, Clay and Salt

4741 Sulphur, (Dry)
4782 Clay & Refrac. Mat.
4783 Salt

48 Slag

4860 Slag

49 Other Non-Metal. Min.

4900 Non-Metal. Min. NEC

Commodity Classification List (continued)

<u>Major Grouping</u>		<u>Major Grouping</u>	
<u>Minor Grouping</u>		<u>Minor Grouping</u>	
	<u>Pub Group</u>	<u>Pub Group</u>	<u>Pub Name</u>
50	Primary Manufactured Goods	6817	Meat, Prepared
51	Paper Products	6822	Dairy Products
	5110 Newsprint	6835	Fish, Prepared
	5120 Paper & Paperboard	6838	Tallow, Animal Oils
	5190 Paper Products NEC	6839	Animals & Prod. NEC
52	Lime, Cement and Glass	6856	Bananas & Plantains
	5210 Lime	6857	Fruit & Nuts NEC
	5220 Cement & Concrete	6858	Fruit Juices
	5240 Glass & Glass Prod.	6861	Sugar
	5290 Misc. Mineral Prod.	6865	Molasses
53	Primary Iron and Steel Products	6871	Coffee
	5312 Pig Iron	6872	Cocoa Beans
	5315 Ferro Alloys	6885	Alcoholic Beverages
	5320 I&S Primary Forms	6887	Groceries
	5330 I&S Plates & Sheets	6888	Water & Ice
	5360 I&S Bars & Shapes	6889	Food Products NEC
	5370 I&S Pipe & Tube	6891	Tobacco & Products
	5390 Primary I&S NEC	6893	Cotton
54	Primary Non-Ferrous Metal Products	6894	Natural Fibers NEC
	5421 Copper	6899	Farm Products NEC
	5422 Aluminum		
	5429 Smelted Prod. NEC	70	All Manufactured Equipment, Machinery and Products
	5480 Fab. Metal Products		
55	Primary Wood Products; Veneer	7110	Machinery (Not Elec)
	5540 Primary Wood Prod.	7120	Electrical Machinery
		7210	Vehicles & Parts
60	Food and Farm Products	7220	Aircraft & Parts
61	Fish	7230	Ships & Boats
	6134 Fish (Not Shellfish)	7300	Ordnance & Access.
	6136 Shellfish	7400	Manufac. Wood Prod.
62-64	Grain	7500	Textile Products
	6241 Wheat	7600	Rubber & Plastic Pr.
	6344 Corn	7800	Empty Containers
	6442 Rice	7900	Manufac. Prod. NEC
	6443 Barley & Rye		
	6445 Oats	80	Waste and Scrap NEC
	6447 Sorghum Grains	8900	Waste and Scrap NEC
65	Oilseeds		
	6521 Peanuts	90	Unknown or Not Elsewhere Classified
	6522 Soybeans	99	Unknown or Not Elsewhere Clsfd
	6534 Flaxseed	9900	Unknown or NEC
	6590 Oilseeds NEC		
66	Vegetable Products		
	6653 Vegetable Oils		
	6654 Vegetables & Prod.		
67	Processed Grain and Animal Feed		
	6746 Wheat Flour		
	6747 Grain Mill Products		
	6781 Hay & Fodder		
	6782 Animal Feed, Prep.		
68	Other Agricultural Products		
	6811 Meat, Fresh, Frozen		

Section 1

Freight Traffic

SEARSPORT HARBOR, ME

Section Included: Access Channel leading to turning basin and turning basin off piers at Mack Point. Controlling Depth: 34 feet in 35 foot Access Channel; 35 feet in 35 foot turning basin. Project Depth: 35 feet, all at mean low water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	1,782	2010	1,987	2013	1,458	2016	1,353
2008	1,856	2011	1,728	2014	1,798		
2009	1,490	2012	1,654	2015	1,558		

Freight Traffic, 2016 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic
		Inbound	Outbound	Inbound	Coastwise Receipts
Total, all commodities	1,353	575	69	524	185
Total petroleum and petroleum products	684	119	—	487	78
Subtotal petroleum products	684	119	—	487	78
2211 gasoline	276	95	—	181	—
2221 kerosene	46	—	—	6	40
2330 distillate fuel oil	307	—	—	269	39
2540 petroleum coke	55	24	—	31	—
Total chemicals and related products	143	13	—	23	107
Subtotal other chemicals and related products	143	13	—	23	107
3220 alcohols	68	—	—	—	68
3274 sodium hydroxide	51	13	—	—	38
3299 chem. products nec	23	—	—	23	—
Total crude materials, inedible except fuels	508	426	69	13	—
Subtotal soil, sand, gravel, rock and stone	48	48	—	—	—
4323 gypsum	48	48	—	—	—
Subtotal iron ore and scrap	69	—	69	—	—
4420 iron & steel scrap	69	—	69	—	—
Subtotal non-ferrous ores and scrap	48	48	—	—	—
4680 non-ferrous scrap	48	48	—	—	—
Subtotal sulphur, clay and salt	282	282	—	—	—
4782 clay & refrac. mat.	109	109	—	—	—
4783 salt	173	173	—	—	—
Subtotal slag	49	49	—	—	—
4860 slag	49	49	—	—	—
Subtotal other non-metal. min.	13	—	—	13	—
4900 non-metal. min. nec	13	—	—	13	—
Total all manufactured equipment, machinery and products	18	17	—	1	—
7110 machinery (not elec)	14	14	—	—	—
7120 electrical machinery	2	2	—	—	—
7210 vehicles & parts	1	—	—	1	—
7600 rubber & plastic pr.	0	0	—	—	—
7900 manufac. prod. nec	0	0	—	—	—

PORTLAND HARBOR, ME

Section Included: Northern limit from the mouth of the Presumpscot River on the west to the northern extremity of Great Diamond Island on the east; and the southern limit from Portland Head Light to the southern extremity of Cushing Island across the Main Ship Channel. Included within this area are the waterfronts of Portland, South Portland and Back Cove. Controlling Depth: 45 feet from the sea to the limit of the 45-foot channel; 44.8 feet in Main Ship Channel; 44.0 feet in 45-foot House Island anchorage; 33.5 feet in middle half of channel to Portland Bridge, thence 33.8 feet to upstream limit in the 35-foot Fore River Channel; 27 feet in 30 foot anchorage with shoaling to 24.2 feet in northeastern portion. Project Depth: 45 feet from open ocean to Portland Pipeline Corp. Terminal; 45 foot anchorage northwest of House Island; 30 foot anchorage off Fish Point, 35 feet in Fore River Channel; all at mean low water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	24,254	2010	18,158	2013	12,040	2016	5,817
2008	22,124	2011	13,178	2014	9,661		
2009	21,002	2012	12,822	2015	8,295		

Freight Traffic, 2016 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic		
		Inbound	Outbound	Inbound	Total	Coastwise	Internal
					Receipts	Shipments	Intra Downbnd
Total, all commodities	5,817	1,667	36	3,008	1,107	1,68	21
Total coal	86	42	—	—	43	43	—
1100 coal & lignite	86	42	—	—	43	43	—
Total petroleum and petroleum products	4,890	1,174	—	2,890	826	787	21
Subtotal crude petroleum	1,055	841	—	214	—	—	—
2100 crude petroleum	1,055	841	—	214	—	—	—
Subtotal petroleum products	3,835	333	—	2,676	826	787	21
2211 gasoline	1,693	227	—	1,240	226	213	13
2221 kerosene	94	—	—	—	94	94	—
2330 distillate fuel oil	1,851	59	—	1,375	417	406	8
2340 residual fuel oil	102	21	—	—	81	66	—
2430 asphalt, tar & pitch	7	—	—	—	7	7	—
2540 petroleum coke	87	27	—	60	—	—	—
Total chemicals and related products	272	7	0	28	238	238	—
Subtotal other chemicals and related products	272	7	0	28	238	238	—
3220 alcohols	238	—	—	—	238	238	—
3240 nitrogen func. comp.	0	0	—	—	—	—	—

PORTLAND HARBOR, ME
Freight Traffic, 2016 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic			
		Inbound	Outbound	Inbound	Total	Coastwise		Internal
						Receipts	Shipments	Intra Downbnd
3276 metallic salts	0	0	---	---	---	---	---	
3279 inorganic chem. nec	0	0	---	---	---	---	---	
3281 radioactive material	0	0	---	---	---	---	---	
3282 pigments & paints	0	0	---	---	---	---	---	
3283 coloring mat. nec	0	0	---	---	---	---	---	
3284 medicines	2	2	---	---	---	---	---	
3285 perfumes & cleansers	0	0	---	---	---	---	---	
3286 plastics	0	0	---	---	---	---	---	
3293 explosives	0	0	0	---	---	---	---	
3297 chemical additives	0	0	---	---	---	---	---	
3299 chem. products nec	32	4	---	28	---	---	---	
Total crude materials, inedible except fuels	390	345	35	10	---	---	---	
Subtotal forest products, wood and chips	3	3	---	---	---	---	---	
4189 lumber	0	0	---	---	---	---	---	
4190 forest products nec	3	3	---	---	---	---	---	
Subtotal pulp and waste paper	35	---	35	---	---	---	---	
4225 pulp & waste paper	35	---	35	---	---	---	---	
Subtotal soil, sand, gravel, rock and stone	0	0	---	---	---	---	---	
4331 sand & gravel	0	0	---	---	---	---	---	
Subtotal sulphur, clay and salt	342	342	---	---	---	---	---	
4782 clay & refrac. mat.	209	209	---	---	---	---	---	
4783 salt	132	132	---	---	---	---	---	
Subtotal other non-metal. min.	10	---	---	10	---	---	---	
4900 non-metal. min. nec	10	---	---	10	---	---	---	
Total primary manufactured goods	68	15	---	54	---	---	---	
Subtotal paper products	55	2	---	54	---	---	---	
5110 newsprint	50	---	---	50	---	---	---	
5120 paper & paperboard	2	2	---	---	---	---	---	
5190 paper products nec	4	0	---	4	---	---	---	
Subtotal lime, cement and glass	0	0	---	---	---	---	---	
5240 glass & glass prod.	0	0	---	---	---	---	---	
5290 misc. mineral prod.	0	0	---	---	---	---	---	
Subtotal primary iron and steel products	12	12	---	---	---	---	---	
5315 ferro alloys	12	12	---	---	---	---	---	
5360 i&s bars & shapes	0	0	---	---	---	---	---	
5370 i&s pipe & tube	0	0	---	---	---	---	---	
5390 primary i&s nec	0	0	---	---	---	---	---	
Subtotal primary non-ferrous metal products	0	0	---	0	---	---	---	
5422 aluminum	0	0	---	---	---	---	---	
5480 fab. metal products	0	0	---	0	---	---	---	
Subtotal primary wood products	0	0	---	---	---	---	---	
5540 primarv wood prod.	0	0	---	---	---	---	---	
Total food and farm products	63	61	0	3	---	---	---	
Subtotal fish	29	29	0	1	---	---	---	
6134 fish (not shellfish)	29	28	---	1	---	---	---	
6136 shellfish	1	1	0	---	---	---	---	
Subtotal processed grain and animal feed	1	1	---	---	---	---	---	
6747 grain mill products	0	0	---	---	---	---	---	
6782 animal feed, prep.	1	1	---	---	---	---	---	
Subtotal other agricultural products	33	31	0	2	---	---	---	
6811 meat, fresh, frozen	0	0	---	---	---	---	---	
6822 dairy products	0	0	0	---	---	---	---	
6835 fish, prepared	1	1	---	---	---	---	---	
6838 tallow, animal oils	2	2	---	---	---	---	---	
6839 animals & prod. nec	1	1	---	---	---	---	---	
6857 fruit & nuts nec	0	0	---	---	---	---	---	
6858 fruit juices	0	---	0	---	---	---	---	
6885 alcoholic beverages	1	1	---	---	---	---	---	
6888 water & ice	24	24	---	---	---	---	---	
6889 food products nec	5	3	0	2	---	---	---	
Total all manufactured equipment, machinery and products	15	7	---	8	---	---	---	
7110 machinery (not elec)	2	2	---	---	---	---	---	
7120 electrical machinery	2	2	---	---	---	---	---	
7210 vehicles & parts	1	1	---	---	---	---	---	
7220 aircraft & parts	0	0	---	---	---	---	---	
7230 ships & boats	0	0	---	---	---	---	---	
7300 ordnance & access.	0	0	---	---	---	---	---	
7400 manufac. wood prod.	0	0	---	---	---	---	---	
7500 textile products	0	0	---	---	---	---	---	
7600 rubber & plastic pr.	1	1	---	---	---	---	---	
7900 manufac. prod. nec	10	2	---	8	---	---	---	
Total unknown or not elsewhere classified	33	16	---	17	---	---	---	
9900 unknown or nec	33	16	---	17	---	---	---	
Ton-miles (x1000)	17,221	3,192	36	10,180	3,813	3,697	83	

PORTLAND HARBOR, ME
Freight Traffic, 2016 - continued
(thousand short tons)

Tons All Traffic (x1000) 5,817
Ton-miles All Traffic (x1000) 17,221
Total Trip-ton-miles Internal and Inraport (x1000) 33

PORTSMOUTH HARBOR, NH

Section Included: From Mouth to Newington, NH, on the west bank of the Piscataqua River. Controlling Depth: Middle half of channel 33.2 feet to upstream limit. Project Depth: 35 feet at mean low water over ledges.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	4,026	2010	2,964	2013	2,679	2016	2,353
2008	3,833	2011	3,047	2014	2,803		
2009	3,583	2012	2,419	2015	2,788		

Freight Traffic, 2016 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic		
		Inbound	Outbound	Inbound	Total	Coastwise	
					Receipts	Shipments	
Total, all commodities	2,353	952	29	1,007	365	358	7
Total petroleum and petroleum products	1,193	112	---	715	365	358	7
Subtotal petroleum products	1,193	112	---	715	365	358	7
2221 kerosene	81	19	---	---	61	54	7
2330 distillate fuel oil	823	---	---	554	268	268	---
2340 residual fuel oil	7	---	---	---	7	7	---
2350 lube oil & greases	0	0	---	---	---	---	---
2430 asphalt, tar & pitch	28	---	---	---	28	28	---
2540 petroleum coke	195	34	---	161	---	---	---
2640 hydrocarbon & petrol gases, liquefied and gaseous	59	59	---	---	---	---	---
Total chemicals and related products	42	4	---	38	---	---	---
Subtotal other chemicals and related products	42	4	---	38	---	---	---
3260 organic comp. nec	4	4	---	---	---	---	---
3299 chem. products nec	38	---	---	38	---	---	---
Total crude materials, inedible except fuels	1,082	828	---	254	---	---	---
Subtotal soil, sand, gravel, rock and stone	596	385	---	211	---	---	---
4323 gypsum	596	385	---	211	---	---	---
Subtotal sulphur, clay and salt	485	443	---	43	---	---	---
4783 salt	485	443	---	43	---	---	---
Total food and farm products	29	---	29	---	---	---	---
Subtotal other agricultural products	29	---	29	---	---	---	---
6838 tallow, animal oils	23	---	23	---	---	---	---
6889 food products nec	7	---	7	---	---	---	---
Total all manufactured equipment, machinery and products	0	0	0	0	---	---	---
7110 machinery (not elec)	0	0	---	0	---	---	---
7120 electrical machinery	0	---	0	---	---	---	---
7230 ships & boats	0	0	---	0	---	---	---
Total unknown or not elsewhere classified	7	7	---	---	---	---	---
9900 unknown or nec	7	7	---	---	---	---	---
Ton-miles (x1000)	11,970	4,816	205	4,739	2,210	2,159	50

Tons All Traffic (x1000) 2,353
Ton-miles All Traffic (x1000) 11,970

PORT OF BOSTON, MA

Section Included: Boston Harbor, including all the tidewater lying within a line from Point Allerton to Point Shirley, and extending westward to the mainland, comprising an area of approximately 47 square miles. Controlling Depth: Main Ship Channel to opposite Pier 49, 36.1 feet. Other channels range from 15 to 40 feet. President Roads Anchorage, 38.1 feet. Project Depth: A channel 40 feet deep in general, but 45 feet through rock 900 feet wide, widening at the outer end to 1,100 feet from the sea to President Roads, through Broad Sound. Other channels range from 12 to 40 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	22,370	2010	19,091	2013	17,088	2016	17,183
2008	21,035	2011	18,407	2014	17,023		
2009	20,456	2012	16,315	2015	16,843		

Freight Traffic, 2016 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic			
		Inbound	Outbound	Inbound	Total	Coastwise		Internal
					Receipts	Shipments	Inraport	
Total, all commodities	17,183	6,285	1,737	4,192	4,969	4,884	77	8
Total coal	0	0	---	---	---	---	---	---
1100 coal & lignite	0	0	---	---	---	---	---	---
Total petroleum and petroleum products	11,735	3,697	1	4,071	3,966	3,900	57	8
Subtotal petroleum products	11,735	3,697	1	4,071	3,966	3,900	57	8
2211 gasoline	5,203	1,577	---	2,106	1,520	1,520	---	---
2221 kerosene	1,199	8	---	351	839	832	---	8
2330 distillate fuel oil	2,856	210	0	1,465	1,181	1,149	32	---

PORT OF BOSTON, MA
Freight Traffic, 2016 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic			
		Inbound	Outbound	Inbound	Total	Coastwise		Internal Intraport
						Receipts	Shipments	
2340 residual fuel oil	440	41	—	—	399	373	25	1
2350 lube oil & greases	28	28	0	—	—	—	—	—
2410 petro. jelly & waxes	0	—	0	—	—	—	—	—
2429 naphtha & solvents	27	0	0	—	27	27	—	—
2430 asphalt, tar & pitch	0	0	—	—	—	—	—	—
2540 petroleum coke	149	—	0	149	—	—	—	—
2640 hydrocarbon & petrol gases, liquefied and gaseous	1,833	1,833	—	—	—	—	—	—
Total chemicals and related products	995	87	31	44	832	832	—	—
Subtotal fertilizers	1	1	0	—	—	—	—	—
3110 nitrogenous fert.	1	1	—	—	—	—	—	—
3130 potassic fert.	0	0	—	—	—	—	—	—
3190 fert. & mixes nec	0	0	0	—	—	—	—	—
Subtotal other chemicals and related products	994	86	31	44	832	832	—	—
3211 acyclic hydrocarbons	0	0	0	—	—	—	—	—
3212 benzene & toluene	0	0	0	—	—	—	—	—
3219 other hydrocarbons	0	0	0	—	—	—	—	—
3220 alcohols	836	3	0	—	832	832	—	—
3230 carboxylic acids	13	13	0	—	—	—	—	—
3240 nitrogen func. comp.	1	1	0	—	—	—	—	—
3250 organo - inorg. comp.	0	0	0	—	—	—	—	—
3260 organic comp. nec	8	7	0	—	—	—	—	—
3272 sulphuric acid	0	0	—	—	—	—	—	—
3274 sodium hydroxide	0	0	—	—	—	—	—	—
3275 inorg. elem., oxides, & halogen salts	2	1	1	—	—	—	—	—
3276 metallic salts	6	4	2	—	—	—	—	—
3279 inorganic chem. nec	1	1	0	—	—	—	—	—
3281 radioactive material	0	0	0	—	—	—	—	—
3282 pigments & paints	3	2	1	—	—	—	—	—
3283 coloring mat. nec	3	2	1	—	—	—	—	—
3284 medicines	2	2	0	—	—	—	—	—
3285 perfumes & cleansers	2	1	1	—	—	—	—	—
3286 plastics	49	27	22	—	—	—	—	—
3291 pesticides	0	0	0	—	—	—	—	—
3292 starches, gluten, glue	4	3	1	—	—	—	—	—
3293 explosives	0	0	0	—	—	—	—	—
3297 chemical additives	10	0	0	10	—	—	—	—
3298 wood & resin chem.	0	—	0	—	—	—	—	—
3299 chem. products nec	53	16	2	34	—	—	—	—
Total crude materials, inedible except fuels	2,732	1,294	1,423	—	15	—	15	—
Subtotal forest products, wood and chips	125	20	105	—	—	—	—	—
4110 rubber & gums	0	0	0	—	—	—	—	—
4150 fuel wood	1	0	1	—	—	—	—	—
4161 wood chips	0	0	—	—	—	—	—	—
4170 wood in the rough	49	2	48	—	—	—	—	—
4189 lumber	74	17	56	—	—	—	—	—
4190 forest products nec	1	1	0	—	—	—	—	—
Subtotal pulp and waste paper	548	0	547	—	—	—	—	—
4225 pulp & waste paper	548	0	547	—	—	—	—	—
Subtotal soil, sand, gravel, rock and stone	21	19	2	—	—	—	—	—
4310 building stone	18	18	0	—	—	—	—	—
4322 limestone	0	0	—	—	—	—	—	—
4323 gypsum	0	0	0	—	—	—	—	—
4331 sand & gravel	3	1	2	—	—	—	—	—
Subtotal iron ore and scrap	763	0	748	—	15	—	15	—
4410 iron ore	0	0	—	—	—	—	—	—
4420 iron & steel scrap	763	0	748	—	15	—	15	—
Subtotal marine shells	2	2	0	—	—	—	—	—
4515 marine shells	2	2	0	—	—	—	—	—
Subtotal non-ferrous ores and scrap	22	1	21	—	—	—	—	—
4650 aluminum ore	0	0	0	—	—	—	—	—
4680 non-ferrous scrap	21	0	21	—	—	—	—	—
4690 non-ferrous ores nec	0	0	0	—	—	—	—	—
Subtotal sulphur, clay and salt	1,250	1,250	0	—	—	—	—	—
4782 clay & refrac. mat.	0	0	0	—	—	—	—	—
4783 salt	1,250	1,250	—	—	—	—	—	—
Subtotal slag	0	—	0	—	—	—	—	—
4860 slag	0	—	0	—	—	—	—	—
Subtotal other non-metal. min.	2	2	0	—	—	—	—	—
4900 non-metal. min. nec	2	2	0	—	—	—	—	—
Total primary manufactured goods	532	277	55	47	153	148	5	—
Subtotal paper products	45	22	23	—	—	—	—	—
5110 newsprint	2	—	2	—	—	—	—	—
5120 paper & paperboard	25	11	14	—	—	—	—	—
5190 paper products nec	18	11	7	—	—	—	—	—
Subtotal lime, cement and glass	371	166	6	47	153	148	5	—
5210 lime	0	—	0	—	—	—	—	—
5220 cement & concrete	295	95	—	47	153	148	5	—
5240 glass & glass prod.	18	13	4	—	—	—	—	—
5290 misc. mineral prod.	58	57	1	—	—	—	—	—
Subtotal primary iron and steel products	13	11	3	—	—	—	—	—
5312 pig iron	1	0	0	—	—	—	—	—

PORT OF BOSTON, MA
Freight Traffic, 2016 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic			
		Inbound	Outbound	Inbound	Total	Coastwise		Internal
						Receipts	Shipments	Intraport
5315 ferro alloys	0	0	0	—	—	—	—	
5320 i&s primary forms	1	1	0	—	—	—	—	
5330 i&s plates & sheets	1	0	1	—	—	—	—	
5360 i&s bars & shapes	3	2	1	—	—	—	—	
5370 i&s pipe & tube	7	6	0	—	—	—	—	
5390 primary i&s nec	1	1	0	—	—	—	—	
Subtotal primary non-ferrous metal products	95	73	22	—	—	—	—	
5421 copper	4	3	0	—	—	—	—	
5422 aluminum	11	9	2	—	—	—	—	
5429 smelted prod. nec	18	1	17	—	—	—	—	
5480 fab. metal products	63	60	3	—	—	—	—	
Subtotal primary wood products	7	6	1	—	—	—	—	
5540 primary wood prod.	7	6	1	—	—	—	—	
Total food and farm products	530	438	76	17	—	—	—	
Subtotal fish	125	101	23	—	—	—	—	
6134 fish (not shellfish)	80	72	8	—	—	—	—	
6136 shellfish	45	29	15	—	—	—	—	
Subtotal grain	3	3	0	—	—	—	—	
6241 wheat	0	0	—	—	—	—	—	
6344 corn	0	—	0	—	—	—	—	
6442 rice	3	3	0	—	—	—	—	
Subtotal oilseeds	2	2	0	—	—	—	—	
6521 peanuts	0	0	0	—	—	—	—	
6522 soybeans	1	1	0	—	—	—	—	
6534 flaxseed	0	0	—	—	—	—	—	
6590 oilseeds nec	1	1	0	—	—	—	—	
Subtotal vegetable products	117	116	1	—	—	—	—	
6653 vegetable oils	102	102	0	—	—	—	—	
6654 vegetables & prod.	15	14	1	—	—	—	—	
Subtotal processed grain and animal feed	13	11	1	—	—	—	—	
6746 wheat flour	1	1	—	—	—	—	—	
6747 grain mill products	9	9	0	—	—	—	—	
6781 hay & fodder	0	—	0	—	—	—	—	
6782 animal feed, prep.	3	2	1	—	—	—	—	
Subtotal other agricultural products	270	204	49	17	—	—	—	
6811 meat, fresh, frozen	1	0	0	—	—	—	—	
6817 meat, prepared	0	0	—	—	—	—	—	
6822 dairy products	0	0	0	—	—	—	—	
6835 fish, prepared	2	2	0	—	—	—	—	
6838 tallow, animal oils	0	0	—	—	—	—	—	
6839 animals & prod. nec	30	1	29	—	—	—	—	
6856 bananas & plantains	0	0	0	—	—	—	—	
6857 fruit & nuts nec	4	4	0	—	—	—	—	
6858 fruit juices	8	8	0	—	—	—	—	
6861 sugar	0	0	—	—	—	—	—	
6865 molasses	0	0	—	—	—	—	—	
6871 coffee	1	1	—	—	—	—	—	
6872 cocoa beans	1	1	—	—	—	—	—	
6885 alcoholic beverages	201	170	14	17	—	—	—	
6888 water & ice	2	2	0	—	—	—	—	
6889 food products nec	17	13	4	—	—	—	—	
6891 tobacco & products	0	0	0	—	—	—	—	
6893 cotton	2	2	0	—	—	—	—	
6894 natural fibers nec	0	0	—	—	—	—	—	
6899 farm products nec	0	0	0	—	—	—	—	
Total all manufactured equipment, machinery and products	593	454	135	0	3	3	—	
7110 machinery (not elec)	49	40	9	—	—	—	—	
7120 electrical machinery	31	22	9	—	—	—	—	
7210 vehicles & parts	127	94	32	—	—	—	—	
7220 aircraft & parts	0	0	0	0	—	—	—	
7230 ships & boats	1	1	0	0	—	—	—	
7300 ordnance & access.	1	1	0	—	—	—	—	
7400 manufac. wood prod.	14	13	1	—	—	—	—	
7500 textile products	106	62	44	—	—	—	—	
7600 rubber & plastic pr.	84	70	14	—	—	—	—	
7900 manufac. prod. nec	181	151	26	—	3	3	—	
Total unknown or not elsewhere classified	67	38	17	12	—	—	—	
9900 unknown or nec	67	38	17	12	—	—	—	

MAIN WATERFRONT (INCLUDED IN PORT OF BOSTON)

Section Included: From a point in President Roads between Deer Island and Long Island to the mouths of Ft. Point Channel, Charles River, Mystic River, and Chelsea River. Maintained Depth: 38 feet in 40-foot channel to opposite pier no. 49; 34 feet in the 35-foot area and 34 feet in the President Roads Anchorage; 34 feet in the 35-foot channel and 33 feet in waterfront channel. Tidal range 10 feet at mean higher high water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	21,275	2010	18,160	2013	15,326	2016	15,925
2008	20,057	2011	17,570	2014	14,936		
2009	19,667	2012	14,439	2015	15,110		

Freight Traffic, 2016 (thousand short tons)

Commodity	Grand Total*	Foreign Inbound	Canadian Inbound
Total, all commodities	537	399	138
Total petroleum and petroleum products	418	280	138
Subtotal petroleum products	418	280	138
2211 gasoline	87	—	87
2221 kerosene	13	—	13
2330 distillate fuel oil	49	11	38
2640 hydrocarbon & petrol gases, liquefied and gaseous	269	269	—
Total chemicals and related products	8	8	—
Subtotal fertilizers	0	0	—
3110 nitrogenous fert.	0	0	—
Subtotal other chemicals and related products	8	8	—
3220 alcohols	0	0	—
3230 carboxylic acids	0	0	—
3240 nitrogen func. comp.	0	0	—
3274 sodium hydroxide	0	0	—
3275 inorg. elem., oxides, & halogen salts	0	0	—
3276 metallic salts	0	0	—
3279 inorganic chem. nec	0	0	—
3286 plastics	0	0	—
3291 pesticides	0	0	—
3292 starches, gluten, glue	0	0	—
3299 chem. products nec	8	8	—
Total crude materials, inedible except fuels	104	104	—
Subtotal forest products, wood and chips	0	0	—
4170 wood in the rough	0	0	—
4189 lumber	0	0	—
Subtotal soil, sand, gravel, rock and stone	0	0	—
4310 building stone	0	0	—
Subtotal sulphur, clay and salt	104	104	—
4783 salt	104	104	—
Total primary manufactured goods	1	1	—
Subtotal paper products	0	0	—
5120 paper & paperboard	0	0	—
5190 paper products nec	0	0	—
Subtotal lime, cement and glass	0	0	—
5240 glass & glass prod.	0	0	—
5290 misc. mineral prod.	0	0	—
Subtotal primary iron and steel products	0	0	—
5330 i&s plates & sheets	0	0	—
5370 i&s pipe & tube	0	0	—
5390 primary i&s nec	0	0	—
Subtotal primary non-ferrous metal products	1	1	—
5422 aluminum	0	0	—
5480 fab. metal products	1	1	—
Total food and farm products	2	2	—
Subtotal fish	1	1	—
6134 fish (not shellfish)	1	1	—
6136 shellfish	0	0	—
Subtotal oilseeds	0	0	—
6522 soybeans	0	0	—
Subtotal vegetable products	0	0	—
6654 vegetables & prod.	0	0	—
Subtotal other agricultural products	0	0	—
6835 fish, prepared	0	0	—
6858 fruit juices	0	0	—
6885 alcoholic beverages	0	0	—
6889 food products nec	0	0	—
6893 cotton	0	0	—
Total all manufactured equipment, machinery and products	3	3	—
7110 machinery (not elec)	1	1	—
7120 electrical machinery	0	0	—
7210 vehicles & parts	0	0	—
7230 ships & boats	0	0	—
7400 manufac. wood prod.	0	0	—
7500 textile products	0	0	—
7600 rubber & plastic pr.	0	0	—
7900 manufac. prod. nec	2	2	—
Total unknown or not elsewhere classified	0	0	—
9900 unknown or nec	0	0	—
Ton-miles (x1000)	665	474	190

Tons All Traffic (x1000) 15,925
 Ton-miles All Traffic (x1000) 74,014
 Total Trip-ton-miles Internal and Intraport (x1000) 111

*Does not include 15,387,875 tons of through traffic.

RESERVED CHANNEL (INCLUDED IN PORT OF BOSTON)

Section Included: 0.5 mile northwestward of Castle Island, is a dredged unmarked channel which leads westward from the Boston Main Channel for about 1 mile. The channel had a controlling depth of 40 feet to about 0.5 mile above the entrance, thence 28 feet to the head of the project. Tidal range 24 feet mean high water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	1,524	2010	1,074	2013	1,659	2016	2,057
2008	1,418	2011	1,359	2014	1,764		
2009	1,420	2012	1,396	2015	1,945		

Freight Traffic, 2016 (thousand short tons)

Commodity	Grand Total	Foreign		Domestic			Internal Inbound Upbound
		Inbound	Outbound	Total	Coastwise		
					Receipts	Shipments	
Total, all commodities	2,057	1,048	999	10	7	2	1
Total coal	0	0	0	0	0	0	0
1100 coal & lignite	0	0	0	0	0	0	0
Total petroleum and petroleum products	2	1	1	1	0	0	1
Subtotal petroleum products	2	1	1	1	0	0	1
2330 distillate fuel oil	0	0	0	0	0	0	0
2340 residual fuel oil	1	0	0	1	0	0	1
2350 lube oil & greases	1	0	0	0	0	0	0
2410 petro. jelly & waxes	0	0	0	0	0	0	0
2429 naphtha & solvents	1	0	0	0	0	0	0
2430 asphalt, tar & pitch	0	0	0	0	0	0	0
2540 petroleum coke	0	0	0	0	0	0	0
2640 hydrocarbon & petrol gases, liquefied and gaseous	0	0	0	0	0	0	0
Total chemicals and related products	85	53	31	0	0	0	0
Subtotal fertilizers	1	1	0	0	0	0	0
3110 nitrogenous fert.	1	1	0	0	0	0	0
3130 potassic fert.	0	0	0	0	0	0	0
3190 fert. & mixes nec	0	0	0	0	0	0	0
Subtotal other chemicals and related products	84	53	31	0	0	0	0
3211 acyclic hydrocarbons	0	0	0	0	0	0	0
3212 benzene & toluene	0	0	0	0	0	0	0
3219 other hydrocarbons	0	0	0	0	0	0	0
3220 alcohols	2	2	0	0	0	0	0
3230 carboxylic acids	2	2	0	0	0	0	0
3240 nitrogen func. comp.	1	1	0	0	0	0	0
3250 organo - inorg. comp.	0	0	0	0	0	0	0
3260 organic comp. nec	1	0	0	0	0	0	0
3272 sulphuric acid	0	0	0	0	0	0	0
3274 sodium hydroxide	0	0	0	0	0	0	0
3275 inorg. elem., oxides, & halogen salts	2	1	1	0	0	0	0
3276 metallic salts	6	4	2	0	0	0	0
3279 inorganic chem. nec	1	1	0	0	0	0	0
3281 radioactive material	0	0	0	0	0	0	0
3282 pigments & paints	3	2	1	0	0	0	0
3283 coloring mat. nec	3	2	1	0	0	0	0
3284 medicines	2	2	0	0	0	0	0
3285 perfumes & cleansers	2	1	1	0	0	0	0
3286 plastics	49	27	22	0	0	0	0
3291 pesticides	0	0	0	0	0	0	0
3292 starches, gluten, glue	3	3	1	0	0	0	0
3293 explosives	0	0	0	0	0	0	0
3297 chemical additives	0	0	0	0	0	0	0
3298 wood & resin chem.	0	0	0	0	0	0	0
3299 chem. products nec	5	3	2	0	0	0	0
Total crude materials, inedible except fuels	754	45	708	0	0	0	0
Subtotal forest products, wood and chips	125	20	105	0	0	0	0
4110 rubber & gums	0	0	0	0	0	0	0
4150 fuel wood	1	0	1	0	0	0	0
4161 wood chips	0	0	0	0	0	0	0
4170 wood in the rough	49	1	48	0	0	0	0
4189 lumber	73	17	56	0	0	0	0
4190 forest products nec	1	1	0	0	0	0	0
Subtotal pulp and waste paper	548	0	547	0	0	0	0
4225 pulp & waste paper	548	0	547	0	0	0	0
Subtotal soil, sand, gravel, rock and stone	21	19	2	0	0	0	0
4310 building stone	18	18	0	0	0	0	0
4322 limestone	0	0	0	0	0	0	0
4323 gypsum	0	0	0	0	0	0	0
4331 sand & gravel	3	1	2	0	0	0	0
Subtotal iron ore and scrap	33	0	33	0	0	0	0
4410 iron ore	0	0	0	0	0	0	0
4420 iron & steel scrap	33	0	33	0	0	0	0
Subtotal marine shells	2	2	0	0	0	0	0
4515 marine shells	2	2	0	0	0	0	0
Subtotal non-ferrous ores and scrap	22	1	21	0	0	0	0
4650 aluminum ore	0	0	0	0	0	0	0
4680 non-ferrous scrap	21	0	21	0	0	0	0
4690 non-ferrous ores nec	0	0	0	0	0	0	0
Subtotal sulphur, clay and salt	2	2	0	0	0	0	0
4782 clay & refrac. mat.	0	0	0	0	0	0	0
4783 salt	2	2	0	0	0	0	0
Subtotal slag	0	0	0	0	0	0	0
4860 slag	0	0	0	0	0	0	0

RESERVED CHANNEL (INCLUDED IN PORT OF BOSTON)
Freight Traffic, 2016 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Domestic			Internal Inbound Upbound
		Inbound	Outbound	Total	Coastwise		
					Receipts	Shipments	
Subtotal other non-metal. min.	2	2	0	---	---	---	---
4900 non-metal. min. nec	2	2	0	---	---	---	---
Total primary manufactured goods	243	180	55	8	6	2	---
Subtotal paper products	44	22	23	---	---	---	---
5110 newsprint	2	---	2	---	---	---	---
5120 paper & paperboard	25	11	14	---	---	---	---
5190 paper products nec	18	11	7	---	---	---	---
Subtotal lime, cement and glass	84	70	6	8	6	2	---
5210 lime	0	---	0	---	---	---	---
5220 cement & concrete	8	0	---	8	6	2	---
5240 glass & glass prod.	18	13	4	---	---	---	---
5290 misc. mineral prod.	58	57	1	---	---	---	---
Subtotal primary iron and steel products	13	10	3	---	---	---	---
5312 pig iron	1	0	0	---	---	---	---
5315 ferro alloys	0	0	0	---	---	---	---
5320 i&s primary forms	1	1	0	---	---	---	---
5330 i&s plates & sheets	1	0	1	---	---	---	---
5360 i&s bars & shapes	3	2	1	---	---	---	---
5370 i&s pipe & tube	6	6	0	---	---	---	---
5390 primary i&s nec	1	1	0	---	---	---	---
Subtotal primary non-ferrous metal products	94	72	22	---	---	---	---
5421 copper	4	3	0	---	---	---	---
5422 aluminum	11	9	2	---	---	---	---
5429 smelted prod. nec	18	1	17	---	---	---	---
5480 fab. metal products	62	59	3	---	---	---	---
Subtotal primary wood products	7	6	1	---	---	---	---
5540 primary wood prod.	7	6	1	---	---	---	---
Total food and farm products	420	344	75	---	---	---	---
Subtotal fish	123	100	23	---	---	---	---
6134 fish (not shellfish)	79	71	8	---	---	---	---
6136 shellfish	45	29	15	---	---	---	---
Subtotal grain	3	3	0	---	---	---	---
6241 wheat	0	0	---	---	---	---	---
6344 corn	0	---	0	---	---	---	---
6442 rice	3	3	0	---	---	---	---
Subtotal oilseeds	2	2	0	---	---	---	---
6521 peanuts	0	0	0	---	---	---	---
6522 soybeans	1	1	0	---	---	---	---
6534 flaxseed	0	0	---	---	---	---	---
6590 oilseeds nec	1	1	0	---	---	---	---
Subtotal vegetable products	25	24	1	---	---	---	---
6653 vegetable oils	10	10	0	---	---	---	---
6654 vegetables & prod.	15	14	1	---	---	---	---
Subtotal processed grain and animal feed	13	11	1	---	---	---	---
6746 wheat flour	1	1	---	---	---	---	---
6747 grain mill products	9	9	0	---	---	---	---
6781 hay & fodder	0	---	0	---	---	---	---
6782 animal feed, prep.	3	2	1	---	---	---	---
Subtotal other agricultural products	253	204	49	---	---	---	---
6811 meat, fresh, frozen	1	0	0	---	---	---	---
6817 meat, prepared	0	0	---	---	---	---	---
6822 dairy products	0	0	0	---	---	---	---
6835 fish, prepared	2	2	0	---	---	---	---
6838 tallow, animal oils	0	0	---	---	---	---	---
6839 animals & prod. nec	30	1	29	---	---	---	---
6856 bananas & plantains	0	0	0	---	---	---	---
6857 fruit & nuts nec	4	4	0	---	---	---	---
6858 fruit juices	8	8	0	---	---	---	---
6861 sugar	0	0	---	---	---	---	---
6865 molasses	0	0	---	---	---	---	---
6871 coffee	1	1	---	---	---	---	---
6872 cocoa beans	1	1	---	---	---	---	---
6885 alcoholic beverages	184	170	14	---	---	---	---
6888 water & ice	2	2	0	---	---	---	---
6889 food products nec	17	13	4	---	---	---	---
6891 tobacco & products	0	0	0	---	---	---	---
6893 cotton	2	2	0	---	---	---	---
6894 natural fibers nec	0	0	---	---	---	---	---
6899 farm products nec	0	0	0	---	---	---	---
Total all manufactured equipment, machinery and products	499	386	112	1	1	---	---
7110 machinery (not elec)	48	39	8	---	---	---	---
7120 electrical machinery	30	22	9	---	---	---	---
7210 vehicles & parts	39	30	9	---	---	---	---
7220 aircraft & parts	0	0	0	---	---	---	---
7230 ships & boats	1	1	0	---	---	---	---
7300 ordnance & access.	1	1	0	---	---	---	---
7400 manufac. wood prod.	14	13	1	---	---	---	---
7500 textile products	106	62	44	---	---	---	---
7600 rubber & plastic pr.	84	69	14	---	---	---	---
7900 manufac. prod. nec	177	150	26	1	1	---	---
Total unknown or not elsewhere classified	54	38	16	---	---	---	---
9900 unknown or nec	54	38	16	---	---	---	---

RESERVED CHANNEL (INCLUDED IN PORT OF BOSTON)
Freight Traffic, 2016 - continued
(thousand short tons)

Tons All Traffic (x1000) **2,057**
Total Trip-ton-miles Internal and Intraport (x1000) **6**

CHELSEA RIVER, MA (INCLUDED IN PORT OF BOSTON)

Section Included: From mouth to about 1.6 miles upstream. Maintained Depth at Mid-Channel: From McArdle Bridge to Chelsea Street Bridge 29.6 feet; from Chelsea Street Bridge to turning basin 33.6 feet. Tidal range to 10 feet mean higher high water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	6,753	2010	6,668	2013	7,979	2016	8,698
2008	6,377	2011	6,647	2014	8,393		
2009	6,862	2012	6,839	2015	7,944		

Freight Traffic, 2016 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic			Internal	
		Inbound	Inbound		Total	Coastwise		Inbound Upbound	Outbound Downbnd
				Receipts		Shipments			
Total, all commodities	8,698	1,328	3,600	3,770	3,721	40	8	1	
Total petroleum and petroleum products	7,121	396	3,526	3,200	3,151	40	8	1	
Subtotal petroleum products	7,121	396	3,526	3,200	3,151	40	8	1	
2211 gasoline	3,497	335	1,881	1,280	1,280	—	—	—	
2221 kerosene	1,153	—	321	832	825	—	8	—	
2330 distillate fuel oil	2,184	33	1,323	828	800	27	—	—	
2340 residual fuel oil	233	—	—	233	219	13	—	1	
2350 lube oil & greases	27	27	—	—	—	—	—	—	
2429 naophtha & solvents	27	—	—	27	27	—	—	—	
Total chemicals and related products	625	11	44	570	570	—	—	—	
Subtotal other chemicals and related products	625	11	44	570	570	—	—	—	
3220 alcohols	570	—	—	570	570	—	—	—	
3230 carboxylic acids	11	11	—	—	—	—	—	—	
3297 chemical additives	10	—	10	—	—	—	—	—	
3299 chem. products nec	34	—	34	—	—	—	—	—	
Total crude materials, inedible except fuels	922	922	—	—	—	—	—	—	
Subtotal sulphur, clay and salt	922	922	—	—	—	—	—	—	
4783 salt	922	922	—	—	—	—	—	—	
Total food and farm products	17	—	17	—	—	—	—	—	
Subtotal other agricultural products	17	—	17	—	—	—	—	—	
6885 alcoholic beverages	17	—	17	—	—	—	—	—	
Total all manufactured equipment, machinery and products	0	0	0	—	—	—	—	—	
7220 aircraft & parts	0	—	0	—	—	—	—	—	
7230 ships & boats	0	0	0	—	—	—	—	—	
Total unknown or not elsewhere classified	12	—	12	—	—	—	—	—	
9900 unknown or nec	12	—	12	—	—	—	—	—	
Ton-miles (x1000)	19,925	1,811	7,617	10,498	10,374	99	23	2	

Tons All Traffic (x1000) **8,698**
Ton-miles All Traffic (x1000) **19,925**
Total Trip-ton-miles Internal and Intraport (x1000) **111**

MYSTIC RIVER, MA (INCLUDED IN PORT OF BOSTON)

Section Included: From mouth of river to Boston Edison Facility, thence upstream about 800 feet. Controlling Depth: From Mystic Bridge to upstream end of Revere Sugar Refinery Dock 34.0 feet; from Revere Sugar Refinery Dock to upstream limit of 35 foot channel, 33.7 feet in maintained portion: 13 feet in 20-foot channel. Project Depth: Channel 35 feet deep extending from the upper limit in 35-foot channel of Boston Harbor to 300 feet downstream of Malden Bridge; thence 20 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	9,244	2010	7,574	2013	5,358	2016	4,634
2008	8,672	2011	6,945	2014	4,281		
2009	8,400	2012	5,749	2015	4,394		

Freight Traffic, 2016 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic		
		Inbound	Outbound		Inbound	Total	Coastwise
				Receipts			Shipments
Total, all commodities	4,634	3,057	738	215	624	606	17
Total petroleum and petroleum products	3,133	2,674	—	168	291	291	—
Subtotal petroleum products	3,133	2,674	—	168	291	291	—
2211 gasoline	1,178	1,013	—	19	146	146	—
2330 distillate fuel oil	107	56	—	—	52	52	—
2340 residual fuel oil	134	41	—	—	94	94	—
2540 petroleum coke	149	—	—	149	—	—	—

MYSTIC RIVER, MA (INCLUDED IN PORT OF BOSTON)
 Freight Traffic, 2016 - continued
 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic		
		Inbound	Outbound	Inbound	Total	Coastwise	
					Receipts	Shipments	
2640 hydrocarbon & petrol gases, liquefied and gaseous	1,564	1,564	---	---	---	---	---
Total chemicals and related products	171	---	0	---	171	171	---
Subtotal other chemicals and related products	171	---	0	---	171	171	---
3220 alcohols	171	---	---	---	171	171	---
3285 perfumes & cleansers	0	---	0	---	---	---	---
Total crude materials, inedible except fuels	952	223	715	---	15	---	15
Subtotal iron ore and scrap	729	---	715	---	15	---	15
4420 iron & steel scrap	729	---	715	---	15	---	15
Subtotal sulphur, clay and salt	223	223	---	---	---	---	---
4783 salt	223	223	---	---	---	---	---
Total primary manufactured goods	287	95	0	47	145	143	2
Subtotal paper products	0	---	0	---	---	---	---
5110 newsprint	0	---	0	---	---	---	---
5120 paper & paperboard	0	---	0	---	---	---	---
Subtotal lime, cement and glass	287	95	---	47	145	143	2
5220 cement & concrete	287	95	---	47	145	143	2
Subtotal primary iron and steel products	0	---	0	---	---	---	---
5370 i&s pipe & tube	0	---	0	---	---	---	---
Total food and farm products	0	---	0	---	---	---	---
Subtotal other agricultural products	0	---	0	---	---	---	---
6885 alcoholic beverages	0	---	0	---	---	---	---
6889 food products nec	0	---	0	---	---	---	---
Total all manufactured equipment, machinery and products	90	65	23	---	1	1	---
7110 machinery (not elec)	0	---	0	---	---	---	---
7120 electrical machinery	0	---	0	---	---	---	---
7210 vehicles & parts	88	65	23	---	---	---	---
7230 ships & boats	0	0	0	---	---	---	---
7400 manufac. wood prod.	0	---	0	---	---	---	---
7600 rubber & plastic pr.	0	---	0	---	---	---	---
7900 manufac. prod. nec	2	---	0	---	1	1	---
Total unknown or not elsewhere classified	0	---	0	---	---	---	---
9900 unknown or nec	0	---	0	---	---	---	---
Ton-miles (x1000)	4,634	3,057	738	215	624	606	17

Tons All Traffic (x1000) 4,634
Ton-miles All Traffic (x1000) 4,634

WEYMOUTH FORE RIVER, MA (INCLUDED IN PORT OF BOSTON)

Section Included: From mouth to head of navigation. Controlling Depth: 34 feet in the 35-foot channel except 32.3 feet at siphon opposite King Cove, original siphon has been replaced. New siphon is below project depth. Project Depth: 35 feet from deep water in Boston Harbor via Nantucket Gut and Hingham Bay to a point about 2,500 feet above Fore River Bridge: 27 feet in channel between Nut and Peddocks Islands.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	1,041	2010	861	2013	1,666	2016	1,258
2008	906	2011	805	2014	1,683		
2009	762	2012	1,723	2015	1,637		

Freight Traffic, 2016 (thousand short tons)

Commodity	Grand Total*	Foreign	Canadian	Domestic		
		Inbound	Inbound	Total	Coastwise	
				Receipts	Shipments	
Total, all commodities	904	339	212	353	341	12
Total petroleum and petroleum products	813	338	212	262	250	12
Subtotal petroleum products	813	338	212	262	250	12
2211 gasoline	441	228	119	94	94	---
2221 kerosene	17	---	17	---	---	---
2330 distillate fuel oil	293	110	76	107	107	---
2340 residual fuel oil	61	---	---	61	49	12
Total chemicals and related products	91	---	---	91	91	---
Subtotal other chemicals and related products	91	---	---	91	91	---
3220 alcohols	91	---	---	91	91	---
Total primary manufactured goods	0	0	---	---	---	---
Subtotal primary iron and steel products	0	0	---	---	---	---
5370 i&s pipe & tube	0	0	---	---	---	---
Subtotal primary non-ferrous metal products	0	0	---	---	---	---
5480 fab. metal products	0	0	---	---	---	---
Ton-miles (x1000)	7,232	2,710	1,697	4,317	2,726	99

Tons All Traffic (x1000) 1,258
Ton-miles All Traffic (x1000) 9,709

*Does not include 353,919 tons of through traffic.

TOWN RIVER, MA (INCLUDED IN PORT OF BOSTON)

Section Included: From confluence with Weymouth Fore River, for about 1.5 miles to head of navigation. Controlling Depth: 32 feet in the 35 foot channel: 34.2 feet in the 35 foot turning basin; and 7.6 feet above turning basin. Project Depth: 35 feet at mean low water from Weymouth Fore River to Quincy Oil Company Terminal, with a turning basin of 35 feet depth; thence 15 feet to just below Quincy Light & Power Company Plant.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	507	2010	287	2013	394	2016	354
2008	371	2011	288	2014	480		
2009	388	2012	266	2015	417		

Freight Traffic, 2016 (thousand short tons)

Commodity	Grand Total	Foreign		Domestic		
		Inbound	Inbound	Total		Shipments
				Receipts	Coastwise	
Total, all commodities	354	114	27	213	209	5
Total petroleum and petroleum products	248	8	27	213	209	5
Subtotal petroleum products	248	8	27	213	209	5
2221 kerosene	15	8	—	7	7	—
2330 distillate fuel oil	221	—	27	194	190	5
2340 residual fuel oil	12	—	—	12	12	—
Total chemicals and related products	15	15	—	—	—	—
Subtotal other chemicals and related products	15	15	—	—	—	—
3220 alcohols	2	2	—	—	—	—
3230 carboxylic acids	1	1	—	—	—	—
3260 organic comp. nec	7	7	—	—	—	—
3299 chem. products nec	5	5	—	—	—	—
Total food and farm products	91	91	—	—	—	—
Subtotal vegetable products	91	91	—	—	—	—
6653 vegetable oils	91	91	—	—	—	—
Ton-miles (x1000)	354	114	27	213	209	5

Tons All Traffic (x1000) **354**
Ton-miles All Traffic (x1000) **354**

CAPE COD CANAL, MA

Section Included: Entire length 17.4 miles: Extending from the outer end of the northerly breakwater in Cape Cod Bay to a point in Buzzards Bay near Cleveland Ledge about 5 miles southwest of Wings Neck Light. Controlling Depth: 32 feet in the Land Cut; 30.8 feet in Hog Island Channel; 32 feet in Cleveland Ledge Channel, 24.1 feet in East Mooring Basin and 29.4 feet in West Mooring Basin. Project Channel Depth: 32 feet at mean low water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	9,582	2010	7,842	2013	10,148	2016	6,875
2008	8,620	2011	7,848	2014	8,035		
2009	9,146	2012	8,763	2015	6,951		

Freight Traffic, 2016 (thousand short tons)

Commodity	Grand Total	Foreign		Domestic				
		Through		Total	Coastwise		Internal	
		Upbound	Downbnd		Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	6,875	121	378	6,375	6,217	131	14	14
Total coal	43	—	—	43	43	—	—	—
1100 coal & lignite	43	—	—	43	43	—	—	—
Total petroleum and petroleum products	5,409	89	377	4,942	4,868	75	—	—
Subtotal petroleum products	5,409	89	377	4,942	4,868	75	—	—
2211 gasoline	1,704	59	44	1,601	1,588	13	—	—
2221 kerosene	976	—	—	976	969	7	—	—
2330 distillate fuel oil	1,986	12	123	1,851	1,822	29	—	—
2340 residual fuel oil	502	—	15	488	462	25	—	—
2350 lube oil & greases	16	—	16	—	—	—	—	—
2429 naphtha & solvents	40	—	13	27	27	—	—	—
2430 asphalt, tar & pitch	35	6	28	—	—	—	—	—
2540 petroleum coke	151	13	139	—	—	—	—	—
Total chemicals and related products	1,126	—	—	1,126	1,126	—	—	—
Subtotal other chemicals and related products	1,126	—	—	1,126	1,126	—	—	—
3220 alcohols	1,093	—	—	1,093	1,093	—	—	—
3274 sodium hydroxide	33	—	—	33	33	—	—	—
Total crude materials, inedible except fuels	15	—	—	15	—	15	—	—
Subtotal iron ore and scrap	15	—	—	15	—	15	—	—
4420 iron & steel scrap	15	—	—	15	—	15	—	—
Total primary manufactured goods	246	—	—	246	177	42	14	14
Subtotal lime, cement and glass	246	—	—	246	177	42	14	14
5220 cement & concrete	246	—	—	246	177	42	14	14
Total all manufactured equipment, machinery and products	36	32	1	3	3	—	—	—
7210 vehicles & parts	33	32	1	—	—	—	—	—
7900 manufac. prod. nec	3	0	—	3	3	—	—	—
Ton-miles (x1000)	121,926	2,182	6,810	112,934	111,238	1,696	0	0

CAPE COD CANAL, MA
Freight Traffic, 2016 - continued
(thousand short tons)

Tons All Traffic (x1000)
Ton-miles All Traffic (x1000)

6,875
121,926

FALL RIVER HARBOR, MA

Section Included: From the Railroad Bridge between Aquidneck Island and Tiverton in a northerly direction to Trestle Pier Light in the Taunton River. Controlling Depth: 33 feet with shoaling on limits in the 35-foot channel. 400 feet wide through Mount Hope Bay to the Braga Bridge; thence 25.2 feet in the 35-foot channel to the wharves above the bridge; 31.8 feet in the 35-foot turning basin. Project Depth: 40 feet in channel and turning basin; 40 feet on lower end of Hog Island shoal; dredged to 35 feet; 40 foot project inactive.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	3,648	2010	2,517	2013	1,367	2016	974
2008	3,655	2011	1,772	2014	1,352		
2009	3,423	2012	768	2015	1,254		

Freight Traffic, 2016 (thousand short tons)

Commodity	Grand Total	Foreign Inbound	Domestic			
			Total	Coastwise		Internal Receipts
				Receipts	Shipments	
Total, all commodities	974	583	390	300	1	90
Total coal	787	583	205	115	---	90
1100 coal & lignite	787	583	205	115	---	90
Total petroleum and petroleum products	177	---	177	176	1	0
Subtotal petroleum products	177	---	177	176	1	0
2221 kerosene	4	---	4	4	---	---
2330 distillate fuel oil	107	---	107	106	1	0
2340 residual fuel oil	66	---	66	66	---	---
Total chemicals and related products	9	---	9	9	---	---
Subtotal other chemicals and related products	9	---	9	9	---	---
3274 sodium hydroxide	9	---	9	9	---	---
Total food and farm products	0	0	---	---	---	---
Subtotal fish	0	0	---	---	---	---
6136 shellfish	0	0	---	---	---	---
Subtotal processed grain and animal feed	0	0	---	---	---	---
6747 grain mill products	0	0	---	---	---	---
Subtotal other agricultural products	0	0	---	---	---	---
6822 dairy products	0	0	---	---	---	---
6835 fish, prepared	0	0	---	---	---	---
6885 alcoholic beverages	0	0	---	---	---	---
6889 food products nec	0	0	---	---	---	---
Total all manufactured equipment, machinery and products	0	0	---	---	---	---
7230 ships & boats	0	0	---	---	---	---
7900 manufac. prod. nec	0	0	---	---	---	---
Total unknown or not elsewhere classified	0	0	---	---	---	---
9900 unknown or nec	0	0	---	---	---	---

PROVIDENCE RIVER AND HARBOR, RI

Section Included: South of Prudence Light to Fox Point. Controlling Depth: 35.4 feet in the 40-foot channel from abreast North Point to Sabin Point Light; thence 30.3 feet from Sabin Point to head of harbor. Project Depth: At mean low water, 40 feet to Fox Point.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	9,225	2010	7,115	2013	7,750	2016	8,064
2008	8,518	2011	7,553	2014	8,070		
2009	6,928	2012	7,043	2015	8,043		

Freight Traffic, 2016 (thousand short tons)

Commodity	Total	Foreign		Canadian
		Inbound	Outbound	Inbound
Total, all commodities	4,274	2,730	627	917
Total petroleum and petroleum products	2,584	1,667	---	917
Subtotal petroleum products	2,584	1,667	---	917
2211 gasoline	2,065	1,394	---	670
2330 distillate fuel oil	298	113	---	185
2540 petroleum coke	221	159	---	62
Total chemicals and related products	106	76	31	---
Subtotal other chemicals and related products	106	76	31	---
3220 alcohols	31	---	31	---
3260 organic comp. nec	9	9	---	---
3274 sodium hydroxide	37	37	---	---
3286 plastics	29	29	---	---
Total crude materials, inedible except fuels	1,048	458	590	---
Subtotal soil, sand, gravel, rock and stone	45	45	---	---
4310 building stone	45	45	---	---
Subtotal iron ore and scrap	590	---	590	---
4420 iron & steel scrap	590	---	590	---
Subtotal non-ferrous ores and scrap	16	16	---	---
4650 aluminum ore	16	16	---	---
Subtotal sulphur, clay and salt	397	397	---	---
4783 salt	397	397	---	---

PROVIDENCE RIVER AND HARBOR, RI
Freight Traffic, 2016 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian
		Inbound	Outbound	Inbound
Total primary manufactured goods	481	481	0	---
Subtotal lime, cement and glass	480	480	---	---
5220 cement & concrete	480	480	---	---
Subtotal primary non-ferrous metal products	1	1	0	---
5480 fab. metal products	1	1	0	---
Total all manufactured equipment, machinery and products	40	34	6	---
7110 machinery (not elec)	4	2	1	---
7120 electrical machinery	0	---	0	---
7210 vehicles & parts	36	32	5	---
7230 ships & boats	0	0	---	---
7500 textile products	0	---	0	---
7600 rubber & plastic pr.	0	0	---	---
7900 manufac. prod. nec	0	0	0	---
Total unknown or not elsewhere classified	15	15	---	---
9900 unknown or nec	15	15	---	---

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Total, all commodities	3,790	3,674	102	11	1	2
Total coal	47	47	---	---	---	---
1100 coal & lignite	47	47	---	---	---	---
Total petroleum and petroleum products	3,337	3,320	6	11	0	1
Subtotal petroleum products	3,337	3,320	6	11	0	1
2211 gasoline	1,394	1,394	---	---	---	---
2221 kerosene	96	85	---	11	---	---
2330 distillate fuel oil	866	860	6	---	0	1
2340 residual fuel oil	948	948	---	---	---	---
2430 asphalt, tar & pitch	34	34	---	---	---	---
Total chemicals and related products	293	293	---	---	---	---
Subtotal other chemicals and related products	293	293	---	---	---	---
3220 alcohols	293	293	---	---	---	---
Total primary manufactured goods	110	14	96	---	---	---
Subtotal lime, cement and glass	110	14	96	---	---	---
5220 cement & concrete	110	14	96	---	---	---
Total all manufactured equipment, machinery and products	3	---	---	---	1	2
7110 machinery (not elec)	2	---	---	---	---	2
7900 manufac. prod. nec	1	---	---	---	1	---
Total unknown or not elsewhere classified	0	0	---	---	---	---
9900 unknown or nec	0	0	---	---	---	---

NEW LONDON HARBOR, CT

Section Included: From deepwater, upstream about 3.8 miles to opposite the State Pier, including Shaws Cove and Winthrop Cove. Controlling Depth: 38.5 feet in Main Channel with shoaling near limits; 20.1 feet in Waterfront Channel. Branch Channels range from 13 to 20 feet. Project Depth: 40 feet in Main Channel (deepened by U. S. Navy). 23 feet in channel along New London waterfront, 15 feet in Shaws Cove. All at mean low water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	1,256	2010	977	2013	386	2016	422
2008	1,296	2011	484	2014	467		
2009	1,060	2012	438	2015	534		

Freight Traffic, 2016 (thousand short tons)

Commodity	Grand Total	Foreign	Domestic			
		Inbound	Total	Coastwise		
			Receipts	Shipments	Through Upbound	
Total, all commodities	422	232	190	109	2	79
Total petroleum and petroleum products	101	---	101	101	---	---
Subtotal petroleum products	101	---	101	101	---	---
2330 distillate fuel oil	66	---	66	66	---	---
2340 residual fuel oil	34	---	34	34	---	---
Total chemicals and related products	79	---	79	---	---	79
Subtotal other chemicals and related products	79	---	79	---	---	79
3219 other hydrocarbons	79	---	79	---	---	79
Total crude materials, inedible except fuels	95	95	---	---	---	---
Subtotal non-ferrous ores and scrap	0	0	---	---	---	---
4680 non-ferrous scrap	0	0	---	---	---	---
Subtotal sulphur, clay and salt	95	95	---	---	---	---
4783 salt	95	95	---	---	---	---
Total primary manufactured goods	141	131	10	9	2	---
Subtotal paper products	9	9	---	---	---	---
5120 paper & paperboard	9	9	---	---	---	---
Subtotal lime, cement and glass	0	0	---	---	---	---
5290 misc. mineral prod.	0	0	---	---	---	---
Subtotal primary iron and steel products	86	86	---	---	---	---
5320 i&s primary forms	6	6	---	---	---	---
5330 i&s plates & sheets	40	40	---	---	---	---
5360 i&s bars & shapes	40	40	---	---	---	---
5370 i&s pipe & tube	0	0	---	---	---	---

NEW LONDON HARBOR, CT
Freight Traffic, 2016 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Domestic			
		Inbound		Total	Coastwise		Through Upbound
					Receipts	Shipments	
5390 primary i&s nec	0	0	0	—	—	—	—
Subtotal primary non-ferrous metal products	46	36		10	9	2	—
5421 copper	0	0		—	—	—	—
5422 aluminum	0	0		—	—	—	—
5480 fab. metal products	46	35		10	9	2	—
Total all manufactured equipment, machinery and products	4	4		—	—	—	—
7110 machinery (not elec)	2	2		—	—	—	—
7120 electrical machinery	1	1		—	—	—	—
7500 textile products	1	1		—	—	—	—
7600 rubber & plastic pr.	0	0		—	—	—	—
7900 manufac. prod. nec	0	0		—	—	—	—
Total unknown or not elsewhere classified	2	2		—	—	—	—
9900 unknown or nec	2	2		—	—	—	—

NEW HAVEN HARBOR, CT

Section Included: Main Harbor Channel: From deep water in Long Island Sound to the head of the main harbor near I-95 Bridge. The upper 1.5 miles of the harbor, Quinnipiac River: From Tomlinson Bridge to Grand Avenue Bridge 1.25 miles. West River: From the mouth to a point about 500 feet above the upstream side of the Kimberly Avenue Bridge about 1 mile. Mill River: From the mouth to Grand Avenue Bridge about 1,600 feet. Controlling Depth: Main Channel, 29.8 feet in left outside quarter, 30.5 feet in center, 31.5 feet in right outside quarter, 14 feet in the Quinnipiac River Channel to Ferry Street Draw Bridge, thence upstream 11.3 feet. Other channels range from 3 to 30 feet. Project Depth: Main Channel, 35 feet from Long Island Sound to head of harbor. Branch Channels range from 12 to 18 feet. All at mean low water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	9,574	2010	9,987	2013	8,351	2016	9,780
2008	9,663	2011	8,892	2014	8,711		
2009	10,135	2012	7,807	2015	10,020		

Freight Traffic, 2016 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic			
		Inbound	Outbound	Inbound	Total	Coastwise		Internal Intraport
						Receipts	Shipments	
Total, all commodities	9,780	1,726	224	639	7,191	6,795	288	108
Total petroleum and petroleum products	7,990	1,066	—	611	6,313	6,076	129	108
Subtotal petroleum products	7,990	1,066	—	611	6,313	6,076	129	108
2211 gasoline	4,601	941	—	302	3,357	3,291	55	12
2221 kerosene	285	—	—	—	285	285	—	—
2330 distillate fuel oil	1,870	106	—	278	1,485	1,379	66	40
2340 residual fuel oil	1,102	—	—	—	1,102	1,038	8	56
2430 asphalt, tar & pitch	83	—	—	—	83	83	—	—
2540 petroleum coke	50	19	—	31	—	—	—	—
Total chemicals and related products	626	74	6	10	536	536	—	—
Subtotal other chemicals and related products	626	74	6	10	536	536	—	—
3220 alcohols	591	55	—	—	536	536	—	—
3276 metallic salts	3	3	—	—	—	—	—	—
3286 plastics	1	1	—	—	—	—	—	—
3299 chem. products nec	30	15	6	10	—	—	—	—
Total crude materials, inedible except fuels	727	262	218	15	231	81	151	—
Subtotal soil, sand, gravel, rock and stone	81	—	—	—	81	81	—	—
4331 sand & gravel	81	—	—	—	81	81	—	—
Subtotal iron ore and scrap	369	—	218	—	151	—	151	—
4420 iron & steel scrap	369	—	218	—	151	—	151	—
Subtotal sulphur, clay and salt	262	262	—	—	—	—	—	—
4783 salt	262	262	—	—	—	—	—	—
Subtotal other non-metal. min.	15	—	—	15	—	—	—	—
4900 non-metal. min. nec	15	—	—	15	—	—	—	—
Total primary manufactured goods	363	252	—	—	111	102	8	—
Subtotal lime, cement and glass	111	—	—	—	111	102	8	—
5220 cement & concrete	111	—	—	—	111	102	8	—
Subtotal primary iron and steel products	248	248	—	—	—	—	—	—
5320 i&s primary forms	85	85	—	—	—	—	—	—
5330 i&s plates & sheets	82	82	—	—	—	—	—	—
5360 i&s bars & shapes	80	80	—	—	—	—	—	—
5390 primary i&s nec	2	2	—	—	—	—	—	—
Subtotal primary non-ferrous metal products	4	4	—	—	—	—	—	—
5422 aluminum	1	1	—	—	—	—	—	—
5480 fab. metal products	3	3	—	—	—	—	—	—
Total food and farm products	17	14	—	3	—	—	—	—
Subtotal vegetable products	3	0	—	3	—	—	—	—
6653 vegetable oils	3	0	—	3	—	—	—	—
Subtotal other agricultural products	14	14	—	—	—	—	—	—
6889 food products nec	14	14	—	—	—	—	—	—
Total all manufactured equipment, machinery and products	10	10	—	—	—	—	—	—
7110 machinery (not elec)	0	0	—	—	—	—	—	—

NEW HAVEN HARBOR, CT
Freight Traffic, 2016 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic			
		Inbound	Outbound	Inbound	Total	Coastwise		Internal
					Receipts	Shipments	Intraport	
7120 electrical machinery	6	6	—	—	—	—	—	
7230 ships & boats	0	0	—	—	—	—	—	
7900 manufac. prod. nec	5	5	—	—	—	—	—	
Total unknown or not elsewhere classified	47	47	—	—	—	—	—	
9900 unknown or nec	47	47	—	—	—	—	—	

BRIDGEPORT HARBOR, CT

Section Included: Main Harbor: From deep water to 800 feet downstream of the Stratford Avenue Bridge. Pequonnock River: From Stratford Avenue Bridge to head of navigation, about 1 mile. Yellow Mill Channel: From a point about 1,800 feet below Stratford Avenue Bridge to the head of navigation, 1 mile. Johnsons River: From Pleasure Beach Bridge to head of navigation, about 1,600 feet. Black Rock Harbor: From about 2000 feet downstream of a Fayerweather Island to the head of navigation, about 2.5 miles. Maintained Depth: 34 feet to Bridgeport Light, thence 29.8 feet to upstream limit of the 35-foot Main Channel; 11 feet in the Pequonnock River Channel; 11.6 feet in Johnsons River to upstream end of channel; 12.9 feet in Yellow Mill Channel to about 2,000 feet upstream of Stratford Avenue Bridge, thence 5.9 feet to upstream limit. Branch channels range from 3 to 15 feet, 15 feet in Black Rock Harbor entrance channel; 15 feet in East Branch; 17 feet in West Branch. Tidal range to 7 feet mean higher high water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	7,628	2010	4,535	2013	1,806	2016	1,903
2008	5,841	2011	2,593	2014	3,332		
2009	4,577	2012	1,593	2015	2,561		

Freight Traffic, 2016 (thousand short tons)

Commodity	Grand Total	Foreign	Canadian	Domestic			
		Inbound	Inbound	Total	Coastwise		Internal
				Receipts	Shipments	Intraport	
Total, all commodities	1,903	85	34	1,784	1,680	60	44
Total coal	91	—	—	91	—	47	44
1100 coal & lignite	91	—	—	91	—	47	44
Total petroleum and petroleum products	1,089	—	10	1,079	1,066	13	—
Subtotal petroleum products	1,089	—	10	1,079	1,066	13	—
2211 gasoline	673	—	—	673	673	—	—
2221 kerosene	9	—	—	9	9	—	—
2330 distillate fuel oil	302	—	—	302	290	12	—
2340 residual fuel oil	52	—	—	52	50	1	—
2430 asphalt, tar & pitch	44	—	—	44	44	—	—
2540 petroleum coke	10	—	10	—	—	—	—
Total chemicals and related products	83	—	—	83	83	—	—
Subtotal other chemicals and related products	83	—	—	83	83	—	—
3220 alcohols	83	—	—	83	83	—	—
Total crude materials, inedible except fuels	555	—	24	531	531	—	—
Subtotal soil, sand, gravel, rock and stone	531	—	—	531	531	—	—
4331 sand & gravel	531	—	—	531	531	—	—
Subtotal other non-metal. min.	24	—	24	—	—	—	—
4900 non-metal. min. nec	24	—	24	—	—	—	—
Total all manufactured equipment, machinery and products	85	85	—	—	—	—	—
7500 textile products	85	85	—	—	—	—	—

STAMFORD HARBOR, CT

Section Included: From about 600 feet below outer breakwaters to the head of navigation in the East and West Branches. Controlling Depth: 17 feet in the 18-foot entrance channel; 14.8 feet in the center half of the 15-foot entrance channel; 10 feet in the 12-foot East Branch Channel to 2,000 feet downstream of the head of navigation, and 12.8 feet in center half of West Branch Channel. Project Depth: 18.0 feet in entrance channel to north end of 18-foot anchorage; thence 15 feet in remainder of entrance channel, West Branch Channel and basin, 12 feet in East Branch Channel, at mean low water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	1,073	2010	535	2013	546	2016	310
2008	1,064	2011	675	2014	559		
2009	693	2012	495	2015	303		

Freight Traffic, 2016 (thousand short tons)

Commodity	Grand Total	Coastwise	
		Receipts	Shipments
Total, all commodities	310	243	67
Total petroleum and petroleum products	64	64	—
Subtotal petroleum products	64	64	—
2330 distillate fuel oil	62	62	—
2340 residual fuel oil	2	2	—
Total crude materials, inedible except fuels	246	179	67
Subtotal soil, sand, gravel, rock and stone	179	179	—
4310 building stone	13	13	—
4331 sand & gravel	165	165	—
Subtotal iron ore and scrap	67	—	67
4420 iron & steel scrap	67	—	67

Other Harbors and Waterways 2016

Harbor or Waterway Project	Commodity	Thousand Short Tons
ANDREWS RIVER, MA	No Commerce Reported	
ANNISQUAM RIVER, MA	No Commerce Reported	
APPONAUG COVE, RI	No Commerce Reported	
BAR HARBOR, ME	No Commerce Reported	
BASS HARBOR, ME	No Commerce Reported	
BEALS HARBOR, ME	No Commerce Reported	
BELFAST HARBOR, ME	2221 kerosene	29
	2330 distillate fuel oil	22
	4783 salt	33
	Total Tons(x1000)	83
BEVERLY HARBOR, MA	No Commerce Reported	
BOOTHBAY HARBOR, ME	No Commerce Reported	
BRANFORD HARBOR, CT	No Commerce Reported	
BRISTOL HARBOR, RI	No Commerce Reported	
BUCKSPORT HARBOR, ME (INCLUDED IN PENOBSCOT RIVER, ME)	2221 kerosene	40
	2330 distillate fuel oil	57
	Total Tons(x1000)	97
BUNKER HARBOR, ME	No Commerce Reported	
CAMDEN HARBOR, ME	No Commerce Reported	
CANAPITSIT CHANNEL, MA	No Commerce Reported	
CAPE PORPOISE HARBOR, ME	No Commerce Reported	
CARVERS HARBOR, ME	No Commerce Reported	
CHATHAM (STAGE) HARBOR, MA	No Commerce Reported	
CLINTON HARBOR, CT	No Commerce Reported	
COBSCOOK BAY, ME	No Commerce Reported	
COHASSET HARBOR, MA	No Commerce Reported	
CONNECTICUT RIVER BELOW HARTFORD, CT	No Commerce Reported	
COREA HARBOR, ME	No Commerce Reported	
CRIEHAVEN HARBOR, ME	No Commerce Reported	
CROSS RIP SHOALS, NANTUCKET SOUND, MA	2211 gasoline	0
	2330 distillate fuel oil	7
	4331 sand & gravel	6
	7110 machinery (not elec)	0
	7400 manufac. wood prod.	1
	Total Tons(x1000)	13
	Total Ton-miles(x1000)	13
CUTTYHUNK HARBOR, MA	2211 gasoline	0
	2330 distillate fuel oil	0
	Total Tons(x1000)	0
DAMARISCOTTA RIVER, ME	No Commerce Reported	
DORCHESTER BAY, MA (INCLUDED IN PORT OF BOSTON)	No Commerce Reported	
DUXBURY HARBOR, MA	No Commerce Reported	
EDGARTOWN HARBOR, MA	No Commerce Reported	
ESSEX RIVER, MA	No Commerce Reported	
FALMOUTH HARBOR, MA	7900 manufac. prod. nec	2
	Total Tons(x1000)	2
FIVEMILE RIVER HARBOR, CT	No Commerce Reported	
FORT POINT CHANNEL, MA (INCLUDED IN PORT OF BOSTON)	No Commerce Reported	
GLOUCESTER HARBOR, MA	2330 distillate fuel oil	5
	2350 lube oil & greases	0
	Total Tons(x1000)	5
GREAT SALT POND, BLOCK ISLAND, RI	No Commerce Reported	
GREEN HARBOR, MA	No Commerce Reported	
GREENWICH BAY, RI	No Commerce Reported	
GREENWICH HARBOR, CT	No Commerce Reported	
GUILFORD HARBOR, CT	No Commerce Reported	
HAMPTON HARBOR, NH	No Commerce Reported	
HARBOR OF REFUGE AT SANDY BAY, CAPE ANN, MA	No Commerce Reported	
HARBOR OF REFUGE, BLOCK ISLAND, RI	4331 sand & gravel	2
	7110 machinery (not elec)	0
	Total Tons(x1000)	2
HARBOR OF REFUGE, NANTUCKET, MA	2211 gasoline	0
	2330 distillate fuel oil	7
	4331 sand & gravel	6
	7110 machinery (not elec)	0
	7400 manufac. wood prod.	1
	Total Tons(x1000)	13
HARBOR OF REFUGE, POINT JUDITH AND POINT JUDITH POND, RI	No Commerce Reported	
HARRASEEKET RIVER, ME	No Commerce Reported	
HAY (WEST) HARBOR, NY	No Commerce Reported	
HENDRICKS HARBOR, ME	No Commerce Reported	
HINGHAM HARBOR, MA (INCLUDED IN PORT OF BOSTON)	No Commerce Reported	
HOUSATONIC RIVER, CT	No Commerce Reported	
HYANNIS HARBOR, MA	No Commerce Reported	
IPSWICH RIVER, MA	No Commerce Reported	

Other Harbors and Waterways 2016 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
ISLAND END RIVER, MA (INCLUDED IN PORT OF BOSTON)	No Commerce Reported	
ISLE AU HAUT THOROUGHFARE, ME	7900 manufac. prod. nec	1
	Total Tons(x1000)	1
	Total Ton-miles(x1000)	1
ISLE OF SHOALS HARBOR, ME AND NH	No Commerce Reported	
JOSIAS RIVER, ME	No Commerce Reported	
KENNEBEC RIVER, ME	7900 manufac. prod. nec	0
	Total Tons(x1000)	0
	Total Ton-miles(x1000)	3
KENNEBUNK RIVER, ME	No Commerce Reported	
LAGOON POND, MARTHA'S VINEYARD, MA	No Commerce Reported	
LUBEC CHANNEL, ME	No Commerce Reported	
LYNN HARBOR, MA	No Commerce Reported	
MACHIAS RIVER, ME	No Commerce Reported	
MALDEN RIVER, MA (INCLUDED IN PORT OF BOSTON)	No Commerce Reported	
MANCHESTER HARBOR, MA	No Commerce Reported	
MARBLEHEAD HARBOR, MA	No Commerce Reported	
MATINICUS HARBOR, ME	No Commerce Reported	
MATTAPOISETT HARBOR, MA	No Commerce Reported	
MENEMSHA CREEK, MARTHA'S VINEYARD, MA	No Commerce Reported	
MILFORD HARBOR, CT	No Commerce Reported	
MOOSABEC BAR, ME	No Commerce Reported	
MYSTIC RIVER, CT	No Commerce Reported	
NARRAGUAGUS RIVER, ME	No Commerce Reported	
NEPONSET RIVER, MA (INCLUDED IN PORT OF BOSTON)	No Commerce Reported	
NEW BEDFORD AND FAIRHAVEN HARBOR, MA	2211 gasoline	6
	2330 distillate fuel oil	55
	4331 sand & gravel	137
	6857 fruit & nuts nec	37
	7110 machinery (not elec)	1
	7400 manufac. wood prod.	2
	7900 manufac. prod. nec	0
	9900 unknown or nec	2
	Total Tons(x1000)	241
NEW HARBOR, ME	No Commerce Reported	
NEWBURYPORT HARBOR, MA	No Commerce Reported	
NEWPORT HARBOR, RI	2221 kerosene	14
	Total Tons(x1000)	14
	Total Ton-miles(x1000)	14
NIANTIC BAY AND HARBOR, CT	No Commerce Reported	
NORTHEAST HARBOR, ME	No Commerce Reported	
NORWALK HARBOR, CT	4331 sand & gravel	39
	Total Tons(x1000)	39
OWLS HEAD HARBOR, ME	No Commerce Reported	
PATCHOGUE RIVER, CT	No Commerce Reported	
PAWCATUCK RIVER, RI AND CT	No Commerce Reported	
PENOBSCOT RIVER, ME	2221 kerosene	40
	2330 distillate fuel oil	57
	Total Tons(x1000)	97
	Total Ton-miles(x1000)	870
PLEASANT RIVER, ME	No Commerce Reported	
PLYMOUTH HARBOR, MA (INCLUDING NORTH PLYMOUTH)	No Commerce Reported	
POLLACK RIP SHOALS, NANTUCKET SOUND, MA	No Commerce Reported	
PROVINCETOWN HARBOR, MA	7230 ships & boats	1
	Total Tons(x1000)	1
RED BROOK HARBOR, BOURNE, MA	No Commerce Reported	
ROCKLAND HARBOR, ME	No Commerce Reported	
ROCKPORT HARBOR, MA	No Commerce Reported	
ROCKPORT HARBOR, ME	No Commerce Reported	
ROYAL RIVER, ME	No Commerce Reported	
RYE HARBOR, NH	No Commerce Reported	
SACO RIVER, ME	No Commerce Reported	
SAKONNET RIVER AND HARBOR, RI	No Commerce Reported	
SALEM HARBOR, MA	2429 naphtha & solvents	0
	5370 i&s pipe & tube	0
	5480 fab. metal products	1
	7110 machinery (not elec)	1
	7120 electrical machinery	1
	7210 vehicles & parts	0
	Total Tons(x1000)	3

Other Harbors and Waterways 2016 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
SAUGUS RIVER, MA	No Commerce Reported	
SCARBORO RIVER, ME	No Commerce Reported	
SCITUATE HARBOR, MA	No Commerce Reported	
SEEKONK RIVER, RI	No Commerce Reported	
SOUTH BRISTOL HARBOR, ME	No Commerce Reported	
SOUTHWEST HARBOR, ME	No Commerce Reported	
ST. CROIX RIVER, ME	No Commerce Reported	
STOCKTON HARBOR, ME (INCLUDED IN PENOBSCOT RIVER, ME)	No Commerce Reported	
STONINGTON HARBOR, CT	No Commerce Reported	
STONINGTON HARBOR, ME	7900 manufac. prod. nec	1
	Total Tons(x1000)	1
STONY CREEK, CT	No Commerce Reported	
TAUNTON RIVER, MA	No Commerce Reported	
TENANTS HARBOR, ME	No Commerce Reported	
THAMES RIVER, CT	3219 other hydrocarbons	79
	Total Tons(x1000)	79
	Total Ton-miles(x1000)	476
THOMASTON HARBOR (GEORGES RIVER), ME	No Commerce Reported	
VINEYARD HAVEN HARBOR, MA	2211 gasoline	5
	2330 distillate fuel oil	10
	4331 sand & gravel	50
	7110 machinery (not elec)	1
	7400 manufac. wood prod.	1
	Total Tons(x1000)	67
WAREHAM HARBOR, MA	No Commerce Reported	
WARREN RIVER, RI	No Commerce Reported	
WARWICK COVE, WARWICK, RI	No Commerce Reported	
WELLFLEET HARBOR, MA	No Commerce Reported	
WESTPORT HARBOR AND SAUGATUCK RIVER, CT	No Commerce Reported	
WESTPORT RIVER, MA	No Commerce Reported	
WEYMOUTH BACK RIVER, MA (INCLUDED IN PORT OF BOSTON)	No Commerce Reported	
WICKFORD HARBOR, RI	No Commerce Reported	
WINTHROP HARBOR, MA (INCLUDED IN PORT OF BOSTON)	No Commerce Reported	
WOOD ISLAND HARBOR, ME AND THE POOL AT BIDDEFORD	No Commerce Reported	
WOODS HOLE CHANNEL, MA	2211 gasoline	6
	2330 distillate fuel oil	16
	4331 sand & gravel	55
	7110 machinery (not elec)	1
	7400 manufac. wood prod.	2
	7900 manufac. prod. nec	1
	Total Tons(x1000)	81
	Total Ton-miles(x1000)	80
YORK HARBOR, ME	No Commerce Reported	
Non-project		
EASTPORT HARBOR, ME	4170 wood in the rough	17
	4225 pulp & waste paper	268
	4783 salt	15
	5480 fab. metal products	1
	7230 ships & boats	0
	7900 manufac. prod. nec	0
	9900 unknown or nec	0
	Total Tons(x1000)	301

EAST CHESTER CREEK, NY (INCLUDED IN PORT OF NEW YORK)

Section Included: From Long Island Sound to Canal Street. Controlling Depth: 8 feet from Long Island Sound to a point opposite Turtle Cove; balance of waterway ranges from 0.7 to 8 feet. Project Depth: Maintained to 8 feet. All mean low water. Project Length: 5 miles.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	983	2010	323	2013	354	2016	425
2008	739	2011	448	2014	342		
2009	509	2012	317	2015	325		

Freight Traffic, 2016 (thousand short tons)

Commodity	Grand Total	Domestic			
		Coastwise Receipts	Internal		Outbound Downbnd
			Inbound Upbound	Outbound Downbnd	
Total, all commodities	425	194	138	93	
Total petroleum and petroleum products	138	—	138	—	
Subtotal petroleum products	138	—	138	—	
2330 distillate fuel oil	31	—	31	—	
2340 residual fuel oil	107	—	107	—	
Total crude materials, inedible except fuels	287	194	—	93	
Subtotal soil, sand, gravel, rock and stone	194	194	—	—	
4331 sand & gravel	194	194	—	—	
Subtotal iron ore and scrap	93	—	—	93	
4420 iron & steel scrap	93	—	—	93	
Ton-miles (x1000)	1,836	774	688	374	

Tons All Traffic (x1000) 425
Ton-miles All Traffic (x1000) 1,836
Total Trip-ton-miles Internal and Intraport (x1000) 8,684

BRONX RIVER, NY (INCLUDED IN PORT OF NEW YORK)

Section Included: From East River to East 172nd Street. Controlling Depth: 10 feet from East River to Bruckner Boulevard Bridge: Balance of waterway ranges 1.3 to 7.5 feet. Project Depth: 10 feet: All at mean low water: Project Length: 2.6 miles.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	340	2010	331	2013	294	2016	470
2008	338	2011	375	2014	331		
2009	373	2012	295	2015	438		

Freight Traffic, 2016 (thousand short tons)

Commodity	Grand Total	Internal	
		Inbound	Outbound
		Upbound	Downbnd
Total, all commodities	470	71	399
Total crude materials, inedible except fuels	470	71	399
Subtotal soil, sand, gravel, rock and stone	71	71	—
4331 sand & gravel	71	71	—
Subtotal iron ore and scrap	399	—	399
4420 iron & steel scrap	399	—	399
Ton-miles (x1000)	939	141	798

Tons All Traffic (x1000) 470
Ton-miles All Traffic (x1000) 939
Total Trip-ton-miles Internal and Intraport (x1000) 14,641

FLUSHING BAY AND CREEK, NY (INCLUDED IN PORT OF NEW YORK)

Section Included: From deep water in East River to Roosevelt Avenue Bridge. Controlling Depth: 15 feet from East River to junction with Branch Channel; balance of waterway ranges from 2 to 14 feet. Project Depth: 15 feet in Bay, Branch and Creek Channels, and maneuvering area, and 6 feet in anchorage area. All at mean low water. Project Length: 2.9 miles.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	2,003	2010	809	2013	995	2016	1,084
2008	1,425	2011	847	2014	982		
2009	1,133	2012	946	2015	1,041		

Freight Traffic, 2016 (thousand short tons)

Commodity	Grand Total	Domestic			
		Coastwise Receipts	Internal		Outbound Downbnd
			Inbound Upbound	Outbound Downbnd	
Total, all commodities	1,084	46	1,032	6	
Total petroleum and petroleum products	26	—	26	—	
Subtotal petroleum products	26	—	26	—	
2330 distillate fuel oil	1	—	1	—	
2340 residual fuel oil	25	—	25	—	

FLUSHING BAY AND CREEK, NY (INCLUDED IN PORT OF NEW YORK)
 Freight Traffic, 2016 - continued
 (thousand short tons)

Commodity	Grand Total	Domestic			
		Coastwise Receipts	Internal		Outbound Downbnd
			Inbound Upbound	Outbound Downbnd	
Total crude materials, inedible except fuels	727	---	727	---	---
Subtotal soil, sand, gravel, rock and stone	727	---	727	---	---
4331 sand & gravel	727	---	727	---	---
Total primary manufactured goods	331	46	279	6	6
Subtotal lime, cement and glass	331	46	279	6	6
5220 cement & concrete	331	46	279	6	6
Ton-miles (x1000)	2,873	93	2,768	12	12

Tons All Traffic (x1000) 1,084
Ton-miles All Traffic (x1000) 2,873
Total Trip-ton-miles Internal and Intraport (x1000) 105,190

HUDSON RIVER, NY (LOWER SECTION) (INCLUDED IN PORT OF NEW YORK, ALSO INCLUDED IN STATISTICS FOR HUDSON RIVER)

Section Included: From Upper New York City limits to Tarrytown; not including the latter. Controlling Depth: 32 feet mean low water. Project Depth: 34 feet in rock and 32 feet in soft material. Project Length: 13.3 miles.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	15,453	2010	13,178	2013	16,566	2016	13,505
2008	15,542	2011	11,924	2014	17,060		
2009	13,426	2012	13,094	2015	16,231		

Freight Traffic, 2016 (thousand short tons)

Commodity	Grand Total*	Foreign	Domestic
		Inbound	Coastwise Receipts
Total, all commodities	563	49	513
Total food and farm products	563	49	513
Subtotal other agricultural products	563	49	513
6861 sugar	544	30	513
6871 coffee	19	19	---
Ton-miles (x1000)	2,251	198	2,053

Tons All Traffic (x1000) 13,505
Ton-miles All Traffic (x1000) 170,499
Total Trip-ton-miles Internal and Intraport (x1000) 1,017,147

*Does not include 12,942,146 tons of through traffic.

HUDSON RIVER CHANNEL, NY AND NJ (INCLUDED IN PORT OF NEW YORK)

Section Included: From deep water in Upper Bay to a point opposite West 156th Street, Manhattan. Controlling Depth: 39 to 43 feet, 2,000 to 3,600 feet wide from deep water in the Upper Bay to West 40th Street; balance of waterway ranges from 38 to 48 feet. 21 to 30 feet in Weehawken-Edgewater Channel. Project Depth and length: 40 feet, 45 feet and 48 feet from Upper Bay to opposite West 59th Street; 6 miles. 30 feet in Weehawken-Edgewater Channel; 5 miles. All at mean low water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	16,273	2010	13,774	2013	16,794	2016	13,679
2008	16,207	2011	12,358	2014	17,304		
2009	14,160	2012	13,143	2015	16,429		

Freight Traffic, 2016 (thousand short tons)

Commodity	Grand Total*	Foreign Outbound	Domestic			
			Total	Internal		Outbound Downbnd
				Inbound Upbound	Outbound Downbnd	
Total, all commodities	174	3	171	83	89	89
Total petroleum and petroleum products	89	0	88	83	6	6
Subtotal petroleum products	89	0	88	83	6	6
2211 gasoline	2	---	2	2	---	---
2340 residual fuel oil	80	---	80	80	---	---
2350 lube oil & greases	1	0	1	1	0	0
2990 petro. products nec	6	---	6	---	6	6
Total chemicals and related products	0	0	---	---	---	---
Subtotal other chemicals and related products	0	0	---	---	---	---
3284 medicines	0	0	---	---	---	---
3285 perfumes & cleansers	0	0	---	---	---	---
Total crude materials, inedible except fuels	0	0	---	---	---	---
Subtotal forest products, wood and chips	0	0	---	---	---	---
4150 fuel wood	0	0	---	---	---	---
Subtotal pulp and waste paper	0	0	---	---	---	---
4225 pulp & waste paper	0	0	---	---	---	---

HUDSON RIVER CHANNEL, NY AND NJ (INCLUDED IN PORT OF NEW YORK)
Freight Traffic, 2016 - continued
(thousand short tons)

Commodity	Grand Total*	Foreign		Domestic		
		Outbound	Inbound	Total		Internal
				Upbound	Downbnd	
Subtotal non-ferrous ores and scrap	0	0	---	---	---	---
4680 non-ferrous scrap	0	0	---	---	---	---
Total primary manufactured goods	0	0	---	---	---	---
Subtotal paper products	0	0	---	---	---	---
5190 paper products nec	0	0	---	---	---	---
Subtotal primary non-ferrous metal products	0	0	---	---	---	---
5429 smelted prod. nec	0	0	---	---	---	---
5480 fab. metal products	0	0	---	---	---	---
Total food and farm products	0	0	---	---	---	---
Subtotal fish	0	0	---	---	---	---
6134 fish (not shellfish)	0	0	---	---	---	---
Subtotal vegetable products	0	0	---	---	---	---
6654 vegetables & prod.	0	0	---	---	---	---
Subtotal processed grain and animal feed	0	0	---	---	---	---
6747 grain mill products	0	0	---	---	---	---
Subtotal other agricultural products	0	0	---	---	---	---
6811 meat, fresh, frozen	0	0	---	---	---	---
6839 animals & prod. nec	0	0	---	---	---	---
6889 food products nec	0	0	---	---	---	---
Total all manufactured equipment, machinery and products	1	1	---	---	---	---
7110 machinery (not elec)	0	0	---	---	---	---
7120 electrical machinery	0	0	---	---	---	---
7210 vehicles & parts	0	0	---	---	---	---
7220 aircraft & parts	0	0	---	---	---	---
7500 textile products	0	0	---	---	---	---
7600 rubber & plastic pr.	0	0	---	---	---	---
7900 manufac. prod. nec	0	0	---	---	---	---
Total waste and scrap nec	83	---	83	---	83	83
8900 waste and scrap nec	83	---	83	---	83	83
Total unknown or not elsewhere classified	1	1	---	---	---	---
9900 unknown or nec	1	1	---	---	---	---
Ton-miles (x1000)	681	17	152,293	135	529	

Tons All Traffic (x1000) **13,679**
 Ton-miles All Traffic (x1000) **176,244**
 Total Trip-ton-miles Internal and Intraport (x1000) **1,019,687**

*Does not include 13,504,856 tons of through traffic.

EAST RIVER, NY (INCLUDED IN PORT OF NEW YORK)

Section Included: From Upper New York Bay to Throgs Neck. Controlling Depth: 40 feet from Upper Bay to Wallabout Channel; balance of waterway ranges from 20 to 35 feet. Project Depth: 40 feet to former Brooklyn Navy Yard; 35 feet above the former Brooklyn Navy Yard. All at mean low water. Project Length: About 16 miles.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	29,321	2010	23,817	2013	22,602	2016	24,503
2008	25,905	2011	22,328	2014	23,477		
2009	24,297	2012	21,086	2015	24,753		

Freight Traffic, 2016 (thousand short tons)

Commodity	Total	Foreign		Canadian
		Inbound	Outbound	Inbound
Total, all commodities	952	260	692	692
Total crude materials, inedible except fuels	692	---	692	692
Subtotal soil, sand, gravel, rock and stone	692	---	692	692
4331 sand & gravel	692	---	692	692
Total primary manufactured goods	260	260	---	---
Subtotal lime, cement and glass	260	260	---	---
5220 cement & concrete	260	260	---	---
Ton-miles (x1000)	1,905	520	1,385	
Foreign & Canadian				

Commodity	Total	Coastwise		
		Receipts	Through	
			Upbound	Downbnd
Total, all commodities	19,548	370	18,352	826
Total petroleum and petroleum products	16,161	298	15,681	182
Subtotal crude petroleum	44	---	44	---
2100 crude petroleum	44	---	44	---
Subtotal petroleum products	16,117	298	15,637	182
2211 gasoline	7,528	---	7,500	28
2221 kerosene	772	8	757	7
2330 distillate fuel oil	4,780	83	4,624	73
2340 residual fuel oil	2,837	38	2,725	74
2429 naphtha & solvents	31	---	31	---

EAST RIVER, NY (INCLUDED IN PORT OF NEW YORK)
Freight Traffic, 2016 - continued
(thousand short tons)

Commodity	Total	Coastwise		
		Receipts	Through	
			Upbound	Downbnd
2430 asphalt, tar & pitch	168	168	—	—
Total chemicals and related products	2,165	—	2,165	—
Subtotal other chemicals and related products	2,165	—	2,165	—
3220 alcohols	2,165	—	2,165	—
Total crude materials, inedible except fuels	955	—	321	634
Subtotal soil, sand, gravel, rock and stone	738	—	321	416
4310 building stone	73	—	73	—
4331 sand & gravel	665	—	249	416
Subtotal iron ore and scrap	218	—	—	218
4420 iron & steel scrap	218	—	—	218
Total primary manufactured goods	265	72	183	10
Subtotal lime, cement and glass	254	72	179	3
5220 cement & concrete	254	72	179	3
Subtotal primary non-ferrous metal products	11	—	4	7
5480 fab. metal products	11	—	4	7
Total all manufactured equipment, machinery and products	1	—	1	—
7900 manufac. prod. nec	1	—	1	—
Ton-miles (x1000)	329,874	3,039	312,727	14,108

Commodity	Total	Internal					
		Inbound		Outbound		Through	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	4,002	1,059	4	9	25	1,903	1,002
Total petroleum and petroleum products	1,686	999	—	—	21	666	0
Subtotal petroleum products	1,686	999	—	—	21	666	0
2211 gasoline	11	—	—	—	—	11	0
2330 distillate fuel oil	1,024	694	—	—	0	330	—
2340 residual fuel oil	651	305	—	—	21	325	—
2350 lube oil & greases	0	0	—	—	—	—	—
2990 petro. products nec	0	—	—	—	0	—	—
Total chemicals and related products	160	—	—	—	—	156	4
Subtotal other chemicals and related products	160	—	—	—	—	156	4
3220 alcohols	160	—	—	—	—	156	4
Total crude materials, inedible except fuels	1,794	—	—	—	—	798	996
Subtotal soil, sand, gravel, rock and stone	798	—	—	—	—	798	—
4331 sand & gravel	798	—	—	—	—	798	—
Subtotal iron ore and scrap	996	—	—	—	—	—	996
4420 iron & steel scrap	996	—	—	—	—	—	996
Total primary manufactured goods	362	60	4	9	4	284	2
Subtotal lime, cement and glass	362	60	4	9	4	284	2
5220 cement & concrete	362	60	4	9	4	284	2
Total all manufactured equipment, machinery and products	0	—	—	—	0	—	—
7900 manufac. prod. nec	0	—	—	—	0	—	—
Ton-miles (x1000)	39,100	9,349	36	88	204	20,989	8,434

Internal

Tons All Traffic (x1000) 24,503
Ton-miles All Traffic (x1000) 370,879
Total Trip-ton-miles Internal and Intraport (x1000) 187,467

NEWTOWN CREEK, NY (INCLUDED IN PORT OF NEW YORK)

Section Included: From East River to Johnson Avenue. Controlling Depth: Main Channel, 20 feet to 12 feet from East River to south end of Turning Basin; balance of waterway ranges between 12 and 16 feet. Project Depth: 23, 20, and 12 feet. All at mean low water. Project Length: 5.2 miles.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	1,016	2010	985	2013	830	2016	1,003
2008	1,119	2011	1,156	2014	1,066		
2009	870	2012	754	2015	954		

Freight Traffic, 2016 (thousand short tons)

Commodity	Grand Total	Internal	
		Inbound	Outbound
		Upbound	Downbnd
Total, all commodities	1,003	495	508
Total petroleum and petroleum products	339	339	0
Subtotal petroleum products	339	339	0
2211 gasoline	11	11	0
2330 distillate fuel oil	258	258	—
2340 residual fuel oil	70	70	—
Total chemicals and related products	160	156	4
Subtotal other chemicals and related products	160	156	4
3220 alcohols	160	156	4
Total crude materials, inedible except fuels	504	—	504
Subtotal iron ore and scrap	504	—	504
4420 iron & steel scrap	504	—	504

NEWTOWN CREEK, NY (INCLUDED IN PORT OF NEW YORK)
Freight Traffic, 2016 - continued
(thousand short tons)

Commodity	Grand Total	Internal	
		Inbound	Outbound
		Upbound	Downbnd
Ton-miles (x1000)	1,706	1,031	675
Tons All Traffic (x1000)	1,003		
Ton-miles All Traffic (x1000)	1,706		
Total Trip-ton-miles Internal and Intraport (x1000)	18,395		

BUTTERMILK CHANNEL, NY (INCLUDED IN PORT OF NEW YORK)

Section Included: From East River to Anchorage Channel. Controlling Depth: 35-foot project westerly half of channel, depth at 35 feet; 40-foot project easterly half of channel, depth at 40 feet. Project Depth: 35 feet and 40 feet. All at mean low water. Project Length: 2.3 miles.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	26,955	2010	23,821	2013	21,755	2016	23,766
2008	23,296	2011	21,385	2014	22,325		
2009	23,786	2012	19,871	2015	23,606		

Freight Traffic, 2016 (thousand short tons)

Commodity	Grand Total*	Foreign		Domestic		
		Inbound	Outbound	Total	Internal	
					Upbound	Downbnd
Total, all commodities	1,470	466	335	668	581	88
Total petroleum and petroleum products	57	0	2	55	55	---
Subtotal petroleum products	57	0	2	55	55	---
2330 distillate fuel oil	0	---	0	---	---	---
2340 residual fuel oil	55	---	---	55	55	---
2350 lube oil & greases	1	0	0	0	0	---
2410 petro. jelly & waxes	0	---	0	---	---	---
2429 naphtha & solvents	1	0	1	---	---	---
2430 asphalt, tar & pitch	0	---	0	---	---	---
2540 petroleum coke	0	---	0	---	---	---
2640 hydrocarbon & petrol gases. liquefied and aeseous	0	---	0	---	---	---
Total chemicals and related products	40	17	23	---	---	---
Subtotal fertilizers	0	0	0	---	---	---
3110 nitrogenous fert.	0	---	0	---	---	---
3190 fert. & mixes nec	0	0	0	---	---	---
Subtotal other chemicals and related products	40	17	23	---	---	---
3211 acyclic hydrocarbons	0	---	0	---	---	---
3212 benzene & toluene	0	---	0	---	---	---
3219 other hydrocarbons	0	---	0	---	---	---
3220 alcohols	1	0	1	---	---	---
3230 carboxylic acids	1	0	0	---	---	---
3240 nitrogen func. comp.	0	---	0	---	---	---
3250 organo - inorg. comp.	0	0	0	---	---	---
3260 organic comp. nec	1	0	1	---	---	---
3272 sulphuric acid	0	---	0	---	---	---
3273 ammonia	0	---	0	---	---	---
3274 sodium hydroxide	0	---	0	---	---	---
3275 inorg. elem., oxides, & halogen salts	1	0	1	---	---	---
3276 metallic salts	1	0	1	---	---	---
3279 inorganic chem. nec	0	---	0	---	---	---
3281 radioactive material	0	---	0	---	---	---
3282 pigments & paints	1	0	1	---	---	---
3283 coloring mat. nec	1	0	1	---	---	---
3284 medicines	1	0	1	---	---	---
3285 perfumes & cleansers	6	2	3	---	---	---
3286 plastics	15	9	6	---	---	---
3291 pesticides	0	0	0	---	---	---
3292 starches, gluten, glue	4	3	1	---	---	---
3293 explosives	0	---	0	---	---	---
3297 chemical additives	1	---	1	---	---	---
3298 wood & resin chem.	0	0	---	---	---	---
3299 chem. products nec	4	1	3	---	---	---
Total crude materials, inedible except fuels	383	2	11	369	369	---
Subtotal forest products, wood and chips	4	2	2	---	---	---
4110 rubber & gums	0	0	---	---	---	---
4150 fuel wood	0	0	0	---	---	---
4161 wood chips	0	---	0	---	---	---
4170 wood in the rough	0	---	0	---	---	---
4189 lumber	3	2	2	---	---	---
4190 forest products nec	0	0	0	---	---	---
Subtotal pulp and waste paper	7	---	7	---	---	---
4225 pulp & waste paper	7	---	7	---	---	---
Subtotal soil, sand, gravel, rock and stone	369	0	0	369	369	---
4322 limestone	0	0	0	---	---	---
4331 sand & gravel	369	0	0	369	369	---
Subtotal iron ore and scrap	2	0	2	---	---	---
4420 iron & steel scrap	2	0	2	---	---	---
Subtotal marine shells	0	---	0	---	---	---
4515 marine shells	0	---	0	---	---	---

BUTTERMILK CHANNEL, NY (INCLUDED IN PORT OF NEW YORK)
 Freight Traffic, 2016 - continued
 (thousand short tons)

Commodity	Grand Total*	Foreign		Domestic		
		Inbound	Outbound	Total	Internal	
					Inbound Upbound	Outbound Downbnd
Subtotal non-ferrous ores and scrap	0	0	0	---	---	---
4630 copper ore	0	---	0	---	---	---
4680 non-ferrous scrap	0	0	0	---	---	---
Subtotal sulphur, clay and salt	0	0	0	---	---	---
4782 clay & refrac. mat.	0	---	0	---	---	---
4783 salt	0	0	0	---	---	---
Subtotal other non-metal. min.	0	0	0	---	---	---
4900 non-metal. min. nec	0	0	0	---	---	---
Total primary manufactured goods	38	24	15	---	---	---
Subtotal paper products	12	4	7	---	---	---
5120 paper & paperboard	5	0	4	---	---	---
5190 paper products nec	7	4	3	---	---	---
Subtotal lime, cement and glass	6	5	2	---	---	---
5210 lime	0	---	0	---	---	---
5220 cement & concrete	0	0	0	---	---	---
5240 glass & glass prod.	4	3	0	---	---	---
5290 misc. mineral prod.	2	1	1	---	---	---
Subtotal primary iron and steel products	1	0	1	---	---	---
5312 pig iron	0	---	0	---	---	---
5320 i&s primary forms	0	---	0	---	---	---
5330 i&s plates & sheets	0	---	0	---	---	---
5360 i&s bars & shapes	0	0	0	---	---	---
5370 i&s pipe & tube	0	0	0	---	---	---
5390 primary i&s nec	0	---	0	---	---	---
Subtotal primary non-ferrous metal products	18	14	4	---	---	---
5421 copper	1	0	1	---	---	---
5422 aluminum	0	0	0	---	---	---
5429 smelted prod. nec	1	0	0	---	---	---
5480 fab. metal products	16	13	3	---	---	---
Subtotal primary wood products	1	1	0	---	---	---
5540 primary wood prod.	1	1	0	---	---	---
Total food and farm products	377	327	50	---	---	---
Subtotal fish	11	11	0	---	---	---
6134 fish (not shellfish)	3	2	0	---	---	---
6136 shellfish	8	8	0	---	---	---
Subtotal grain	1	1	0	---	---	---
6241 wheat	0	0	0	---	---	---
6344 corn	0	0	0	---	---	---
6442 rice	0	0	0	---	---	---
6445 oats	1	1	---	---	---	---
Subtotal oilseeds	0	0	---	---	---	---
6521 peanuts	0	0	---	---	---	---
6522 soybeans	0	0	---	---	---	---
6590 oilseeds nec	0	0	---	---	---	---
Subtotal vegetable products	28	24	4	---	---	---
6653 vegetable oils	5	4	0	---	---	---
6654 vegetables & prod.	23	19	3	---	---	---
Subtotal processed grain and animal feed	13	9	4	---	---	---
6746 wheat flour	0	---	0	---	---	---
6747 grain mill products	11	9	2	---	---	---
6782 animal feed, prep.	2	0	2	---	---	---
Subtotal other agricultural products	324	283	41	---	---	---
6811 meat, fresh, frozen	2	0	2	---	---	---
6817 meat, prepared	0	---	0	---	---	---
6822 dairy products	2	1	1	---	---	---
6835 fish, prepared	1	1	0	---	---	---
6838 tallow, animal oils	0	---	0	---	---	---
6839 animals & prod. nec	1	0	1	---	---	---
6856 bananas & plantains	93	93	0	---	---	---
6857 fruit & nuts nec	13	11	2	---	---	---
6858 fruit juices	21	17	4	---	---	---
6861 sugar	1	1	0	---	---	---
6871 coffee	17	16	0	---	---	---
6872 cocoa beans	7	7	0	---	---	---
6885 alcoholic beverages	126	124	1	---	---	---
6888 water & ice	0	0	0	---	---	---
6889 food products nec	30	8	22	---	---	---
6891 tobacco & products	7	0	7	---	---	---
6893 cotton	3	3	0	---	---	---
6894 natural fibers nec	0	0	0	---	---	---
6899 farm products nec	1	0	0	---	---	---
Total all manufactured equipment, machinery and products	428	68	116	244	156	88
7110 machinery (not elec)	15	7	9	---	---	---
7120 electrical machinery	24	11	13	---	---	---
7210 vehicles & parts	15	0	14	---	---	---
7220 aircraft & parts	0	---	0	---	---	---
7230 ships & boats	0	---	0	---	---	---
7300 ordnance & access.	0	---	0	---	---	---
7400 manufac. wood prod.	1	1	1	---	---	---
7500 textile products	18	5	13	---	---	---
7600 rubber & plastic pr.	25	6	19	---	---	---
7900 manufac. prod. nec	330	39	47	244	156	88
Total unknown or not elsewhere classified	147	28	119	---	---	---
9900 unknown or nec	147	28	119	---	---	---
Ton-miles (x1000)	2,689	799	577	65,345	1,137	176

BUTTERMILK CHANNEL, NY (INCLUDED IN PORT OF NEW YORK)
Freight Traffic, 2016 - continued
(thousand short tons)

Commodity	Grand Total*	Foreign		Domestic	
		Inbound	Outbound	Total	Internal
				Inbound	Outbound
Tons All Traffic (x1000)	23,766				
Ton-miles All Traffic (x1000)	69,579				
Total Trip-ton-miles Internal and Intraport (x1000)	99,562				

*Does not include 22,296,736 tons of through traffic.

BAY RIDGE AND RED HOOK CHANNELS, NY (INCLUDED IN PORT OF NEW YORK)

Section Included: From Narrows to Buttermilk Channel. Controlling Depth: 40 feet from Narrows to 69th Street Pier, Brooklyn; balance of waterway ranges from 38 to 37 feet. Project Depth: 40 feet. All at mean low water. Project Length: 4 miles.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	1,787	2010	1,917	2013	1,111	2016	856
2008	2,069	2011	1,747	2014	1,045		
2009	1,709	2012	1,744	2015	1,016		

Freight Traffic, 2016 (thousand short tons)

Commodity	Grand Total*	Foreign		Domestic		
		Inbound	Outbound	Total	Coastwise	Internal
				Receipts	Inbound	Upbound
Total, all commodities	11	4	7	7	1	
Total petroleum and petroleum products	1	—	1	—	1	
Subtotal petroleum products	1	—	1	—	1	
2340 residual fuel oil	1	—	1	—	1	
Total primary manufactured goods	7	0	7	7	—	
Subtotal lime, cement and glass	7	—	7	7	—	
5220 cement & concrete	7	—	7	7	—	
Subtotal primary non-ferrous metal products	0	0	—	—	—	
5480 fab. metal products	0	0	—	—	—	
Total all manufactured equipment, machinery and products	3	3	—	—	—	
7110 machinery (not elec)	1	1	—	—	—	
7120 electrical machinery	0	0	—	—	—	
7900 manufac. prod. nec	2	2	—	—	—	
Ton-miles (x1000)	27	11	2,551	13	4	

Tons All Traffic (x1000)	856
Ton-miles All Traffic (x1000)	2,561
Total Trip-ton-miles Internal and Intraport (x1000)	42,804

*Does not include 844,676 tons of through traffic.

GOWANUS CREEK CHANNEL, NY (INCLUDED IN PORT OF NEW YORK)

Section Included: From 28th street to Hamilton Avenue Bridge. Controlling Depth: 28.2 feet from entrance to Percival Street, thence 23 feet to Sigourney Street; thence 10 feet to Hamilton Ave.; 27 feet in Branch Channel in Henry St. Basin. Project Depth: 30 feet and 18 feet, all at mean low water. Project Length: 0.8 miles.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	1,590	2010	1,919	2013	1,106	2016	845
2008	1,958	2011	1,465	2014	1,004		
2009	1,703	2012	1,709	2015	1,013		

Freight Traffic, 2016 (thousand short tons)

Commodity	Grand Total*	Domestic		
		Receipts	Coastwise	Internal
			Inbound	Upbound
Total, all commodities	673	206	466	
Total petroleum and petroleum products	217	—	217	
Subtotal petroleum products	217	—	217	
2211 gasoline	19	—	19	
2330 distillate fuel oil	57	—	57	
2340 residual fuel oil	141	—	141	
Total chemicals and related products	6	6	—	
Subtotal fertilizers	6	6	—	
3120 phosphatic fert.	6	6	—	
Total crude materials, inedible except fuels	310	180	131	
Subtotal soil, sand, gravel, rock and stone	310	180	131	
4331 sand & gravel	310	180	131	
Total primary manufactured goods	140	21	119	
Subtotal lime, cement and glass	140	21	119	

GOWANUS CREEK CHANNEL, NY (INCLUDED IN PORT OF NEW YORK)
Freight Traffic, 2016 - continued
(thousand short tons)

Commodity	Grand Total*	Domestic	
		Coastwise	Internal
		Receipts	Inbound Upbound
5220 cement & concrete	140	21	119
Ton-miles (x1000)	673	206	466

Tons All Traffic (x1000) 845
Ton-miles All Traffic (x1000) 845
Total Trip-ton-miles Internal and Intraport (x1000) 42,797

*Does not include 171,825 tons of through traffic.

CONEY ISLAND CHANNEL, NY (INCLUDED IN PORT OF NEW YORK)

Section Included: From Norton Point Southeast to deep water. Controlling Depth: 16 feet. Project Depth: 20 feet. All at mean low water. Project Length: About 1.3 miles.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	324	2010	287	2013	441	2016	259
2008	290	2011	287	2014	534		
2009	239	2012	282	2015	579		

Freight Traffic, 2016 (thousand short tons)

Commodity	Grand Total	Domestic	
		Coastwise	Internal
		Through Downbnd	Through Downbnd
Total, all commodities	259	62	196
Total petroleum and petroleum products	120	---	120
Subtotal petroleum products	120	---	120
2211 gasoline	3	---	3
2330 distillate fuel oil	4	---	4
2340 residual fuel oil	112	---	112
Total chemicals and related products	77	---	77
Subtotal other chemicals and related products	77	---	77
3220 alcohols	77	---	77
Total crude materials, inedible except fuels	62	62	---
Subtotal soil, sand, gravel, rock and stone	62	62	---
4331 sand & gravel	62	62	---
Ton-miles (x1000)	259	62	196

Tons All Traffic (x1000) 259
Ton-miles All Traffic (x1000) 259
Total Trip-ton-miles Internal and Intraport (x1000) 7,068

JAMAICA BAY, NY (INCLUDED IN PORT OF NEW YORK)

Section Included: Entire Bay. Controlling Depth: Entrance Channel 20 feet from Atlantic Ocean to Rockaway Point, thence 18 feet to Barren Island. Branch Channels range from 12 to 18 feet. Project Depth: 23, 20 and 12 feet. All at mean low water. Project Length: 19.5 miles.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	765	2010	579	2013	702	2016	811
2008	694	2011	647	2014	870		
2009	704	2012	593	2015	900		

Freight Traffic, 2016 (thousand short tons)

Commodity	Grand Total	Domestic			
		Coastwise Receipts	Internal		Inbound Downbnd
			Upbound	Outbound Downbnd	
Total, all commodities	811	62	711	37	37
Total petroleum and petroleum products	275	---	273	2	2
Subtotal petroleum products	275	---	273	2	2
2211 gasoline	14	---	14	---	---
2330 distillate fuel oil	78	---	78	---	---
2340 residual fuel oil	183	---	180	2	2
Total chemicals and related products	344	---	344	---	---
Subtotal other chemicals and related products	344	---	344	---	---
3220 alcohols	344	---	344	---	---
Total crude materials, inedible except fuels	192	62	94	35	35
Subtotal soil, sand, gravel, rock and stone	192	62	94	35	35
4310 building stone	113	---	79	33	33
4331 sand & gravel	79	62	15	2	2
Ton-miles (x1000)	10,620	748	9,349	523	523

JAMAICA BAY, NY (INCLUDED IN PORT OF NEW YORK)
Freight Traffic, 2016 - continued
(thousand short tons)

Tons All Traffic (x1000) **811**
Ton-miles All Traffic (x1000) **10,620**
Total Trip-ton-miles Internal and Intraport (x1000) **55,315**

RARITAN RIVER, NJ (INCLUDED IN PORT OF NEW YORK)

Section Included: From deep water in Raritan Bay to New Brunswick. Maintained Depth: Main Channel, 18 to 21 feet from NY and NJ Channels to junction of South Channel; balance of waterway ranges from 1 to 25 feet. Project Length: 13.8 miles. Tidal range to 6 feet mean higher high water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	2,627	2010	1,590	2013	767	2016	597
2008	2,175	2011	1,408	2014	513		
2009	1,672	2012	1,315	2015	426		

Freight Traffic, 2016 (thousand short tons)

Commodity	Grand Total	Domestic					
		Coastwise		Internal			
		Receipts	Shipments	Inbound	Outbound		
				Upbound	Upbound	Downbnd	
Total, all commodities	597	31	214	89	4	260	
Total petroleum and petroleum products	597	31	214	89	4	260	
Subtotal petroleum products	597	31	214	89	4	260	
2211 gasoline	84	—	21	26	4	33	
2221 kerosene	14	—	—	—	—	14	
2330 distillate fuel oil	431	31	174	40	—	186	
2340 residual fuel oil	69	—	19	23	—	26	
Ton-miles (x1000)	712	92	254	89	0	277	

Tons All Traffic (x1000) **597**
Ton-miles All Traffic (x1000) **712**
Total Trip-ton-miles Internal and Intraport (x1000) **21,808**

UPPER BAY, NEW YORK HARBOR, NY AND NJ (INCLUDED IN PORT OF NEW YORK)

Section Included: From the Narrows to junction of Hudson and East River. Maintained Depth: Anchorage Channel 45 feet; channel along NJ. Pierhead line 19.5 feet; Red Hook Flats Anchorage, 35 feet and 45 feet; Liberty Island Anchorage 20 feet. Project Length: 5.7 miles; channel along New Jersey Pierhead line, 3 miles. Tidal range to 5 feet mean higher high water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	106,792	2010	99,916	2013	95,118	2016	94,518
2008	105,797	2011	99,638	2014	98,982		
2009	101,512	2012	96,108	2015	99,014		

Freight Traffic, 2016 (thousand short tons)

Commodity	Total*	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
Total, all commodities	8,516	5,788	2,444	221	63
Total coal	1	0	1	—	—
1100 coal & lignite	1	0	0	—	—
1200 coal coke	0	0	0	—	—
Total petroleum and petroleum products	1,413	935	211	221	46
Subtotal crude petroleum	321	220	—	101	—
2100 crude petroleum	321	220	—	101	—
Subtotal petroleum products	1,093	715	211	120	46
2211 gasoline	173	165	0	—	8
2221 kerosene	39	0	0	—	39
2330 distillate fuel oil	683	401	183	99	—
2340 residual fuel oil	82	61	0	22	—
2350 lube oil & greases	17	3	14	—	—
2410 petro. jelly & waxes	3	2	1	—	—
2429 naphtha & solvents	87	77	10	—	—
2430 asphalt, tar & pitch	5	3	2	—	—
2540 petroleum coke	1	1	0	—	—
2640 hydrocarbon & petrol gases, liquefied and gaseous	3	2	1	—	—
Total chemicals and related products	908	605	303	—	—
Subtotal fertilizers	10	8	2	—	—
3110 nitrogenous fert.	2	2	0	—	—
3120 phosphatic fert.	0	0	0	—	—
3130 potassic fert.	4	4	0	—	—
3190 fert. & mixes nec	3	1	2	—	—
Subtotal other chemicals and related products	898	597	301	—	—
3211 acyclic hydrocarbons	2	1	1	—	—
3212 benzene & toluene	0	0	0	—	—
3219 other hydrocarbons	8	6	2	—	—
3220 alcohols	46	28	18	—	—
3230 carboxylic acids	56	51	5	—	—
3240 nitrogen func. comp.	21	16	5	—	—
3250 organo - inorg. comp.	19	15	4	—	—

UPPER BAY, NEW YORK HARBOR, NY AND NJ (INCLUDED IN PORT OF NEW YORK)
Freight Traffic, 2016 - continued
(thousand short tons)

Commodity	Total*	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
3260 organic comp. nec	21	18	2	—	—
3272 sulphuric acid	2	1	1	—	—
3273 ammonia	0	0	0	—	—
3274 sodium hydroxide	2	1	1	—	—
3275 inorg. elem., oxides, & halogen salts	43	29	14	—	—
3276 metallic salts	67	55	12	—	—
3279 inorganic chem. nec	8	7	2	—	—
3281 radioactive material	2	1	1	—	—
3282 pigments & paints	25	16	9	—	—
3283 coloring mat. nec	7	4	3	—	—
3284 medicines	24	15	9	—	—
3285 perfumes & cleansers	82	55	28	—	—
3286 plastics	266	163	103	—	—
3291 pesticides	11	6	5	—	—
3292 starches, gluten, glue	68	53	15	—	—
3293 explosives	0	0	0	—	—
3297 chemical additives	40	11	30	—	—
3298 wood & resin chem.	2	1	1	—	—
3299 chem. products nec	74	43	32	—	—
Total crude materials, inedible except fuels	1,141	259	865	—	17
Subtotal forest products, wood and chips	194	97	96	—	0
4110 rubber & gums	1	1	0	—	—
4150 fuel wood	6	4	2	—	—
4161 wood chips	0	0	0	—	—
4170 wood in the rough	35	1	34	—	—
4189 lumber	139	80	59	—	0
4190 forest products nec	12	11	1	—	—
Subtotal pulp and waste paper	64	19	46	—	—
4225 pulp & waste paper	64	19	46	—	—
Subtotal soil, sand, gravel, rock and stone	73	70	3	—	—
4310 building stone	64	63	1	—	—
4322 limestone	2	0	2	—	—
4323 gypsum	0	0	0	—	—
4331 sand & gravel	6	6	1	—	—
Subtotal iron ore and scrap	685	1	684	—	—
4410 iron ore	0	0	0	—	—
4420 iron & steel scrap	685	1	684	—	—
Subtotal marine shells	0	0	0	—	—
4515 marine shells	0	0	0	—	—
Subtotal non-ferrous ores and scrap	38	11	27	—	—
4630 copper ore	0	0	0	—	—
4650 aluminum ore	9	8	1	—	—
4680 non-ferrous scrap	27	2	26	—	—
4690 non-ferrous ores nec	2	2	0	—	—
Subtotal sulphur, clay and salt	81	58	7	—	17
4741 sulphur, (dry)	4	0	4	—	—
4782 clay & refrac. mat.	6	5	1	—	—
4783 salt	72	53	2	—	17
Subtotal slag	0	0	—	—	—
4860 slag	0	0	—	—	—
Subtotal other non-metal. min.	6	4	2	—	—
4900 non-metal. min. nec	6	4	2	—	—
Total primary manufactured goods	959	840	119	—	—
Subtotal paper products	235	194	41	—	—
5110 newsprint	2	0	1	—	—
5120 paper & paperboard	111	80	31	—	—
5190 paper products nec	123	114	9	—	—
Subtotal lime, cement and glass	223	210	13	—	—
5210 lime	2	0	2	—	—
5220 cement & concrete	1	1	0	—	—
5240 glass & glass prod.	69	63	6	—	—
5290 misc. mineral prod.	151	146	4	—	—
Subtotal primary iron and steel products	106	93	13	—	—
5312 pig iron	15	13	2	—	—
5315 ferro alloys	4	4	0	—	—
5320 i&s primary forms	16	10	6	—	—
5330 i&s plates & sheets	16	15	1	—	—
5360 i&s bars & shapes	20	19	1	—	—
5370 i&s pipe & tube	25	23	2	—	—
5390 primary i&s nec	10	9	1	—	—
Subtotal primary non-ferrous metal products	315	267	48	—	—
5421 copper	28	24	4	—	—
5422 aluminum	37	31	6	—	—
5429 smelted prod. nec	21	17	4	—	—
5480 fab. metal products	229	196	34	—	—
Subtotal primary wood products	79	75	4	—	—
5540 primary wood prod.	79	75	4	—	—
Total food and farm products	1,558	1,345	214	—	—
Subtotal fish	131	127	3	—	—
6134 fish (not shellfish)	52	50	2	—	—
6136 shellfish	78	77	2	—	—
Subtotal grain	20	19	2	—	—
6241 wheat	1	1	0	—	—
6344 corn	2	1	1	—	—
6442 rice	17	17	0	—	—
6443 barley & rye	0	0	—	—	—
6445 oats	0	—	0	—	—

UPPER BAY, NEW YORK HARBOR, NY AND NJ (INCLUDED IN PORT OF NEW YORK)
 Freight Traffic, 2016 - continued
 (thousand short tons)

Commodity	Total*	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
Subtotal oilseeds	73	9	63	---	---
6521 peanuts	1	1	---	---	---
6522 soybeans	65	5	59	---	---
6534 flaxseed	0	0	0	---	---
6590 oilseeds nec	7	3	4	---	---
Subtotal vegetable products	145	133	12	---	---
6653 vegetable oils	22	16	6	---	---
6654 vegetables & prod.	123	117	6	---	---
Subtotal processed grain and animal feed	87	46	41	---	---
6746 wheat flour	3	2	1	---	---
6747 grain mill products	39	32	7	---	---
6781 hay & fodder	0	0	0	---	---
6782 animal feed, prep.	44	11	33	---	---
Subtotal other agricultural products	1,102	1,010	92	---	---
6811 meat, fresh, frozen	18	12	7	---	---
6817 meat, prepared	11	10	1	---	---
6822 dairy products	35	26	9	---	---
6835 fish, prepared	21	20	1	---	---
6838 tallow, animal oils	2	2	0	---	---
6839 animals & prod. nec	13	8	4	---	---
6856 bananas & plantains	4	4	0	---	---
6857 fruit & nuts nec	102	91	11	---	---
6858 fruit juices	142	138	4	---	---
6861 sugar	42	42	1	---	---
6865 molasses	1	1	0	---	---
6871 coffee	94	93	1	---	---
6872 cocoa beans	56	47	9	---	---
6885 alcoholic beverages	270	261	10	---	---
6888 water & ice	27	26	0	---	---
6889 food products nec	250	217	33	---	---
6891 tobacco & products	2	1	1	---	---
6893 cotton	4	3	0	---	---
6894 natural fibers nec	3	3	0	---	---
6899 farm products nec	6	5	1	---	---
Total all manufactured equipment, machinery and products	2,234	1,620	614	0	---
7110 machinery (not elec)	244	188	56	0	---
7120 electrical machinery	264	231	33	---	---
7210 vehicles & parts	216	130	86	---	---
7220 aircraft & parts	1	0	1	---	---
7230 ships & boats	3	2	1	0	---
7300 ordnance & access.	8	8	0	---	---
7400 manufac. wood prod.	48	43	5	---	---
7500 textile products	264	240	24	---	---
7600 rubber & plastic pr.	272	235	37	---	---
7900 manufac. prod. nec	912	542	370	---	---
Total unknown or not elsewhere classified	301	184	117	---	---
9900 unknown or nec	301	184	117	---	---
Ton-miles (x1000)	45,797	31,444	13,570	608	174
Foreign & Canadian					

Commodity	Total*	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Upbound	Downbnd	Upbound
Total, all commodities	4,236	228	125	541	1,448	1,893
Total petroleum and petroleum products	2,998	10	117	541	446	1,884
Subtotal crude petroleum	1,090	---	---	---	---	1,090
2100 crude petroleum	1,090	---	---	---	---	1,090
Subtotal petroleum products	1,908	10	117	541	446	794
2211 gasoline	373	---	33	---	4	336
2221 kerosene	6	---	3	---	---	3
2330 distillate fuel oil	393	1	30	5	43	313
2340 residual fuel oil	1,098	9	32	534	393	130
2350 lube oil & greases	8	---	---	2	6	---
2429 naphtha & solvents	27	---	18	---	---	8
2990 petro. products nec	3	---	---	---	---	3
Total chemicals and related products	28	---	8	---	19	---
Subtotal other chemicals and related products	28	---	8	---	19	---
3220 alcohols	28	---	8	---	19	---
Total crude materials, inedible except fuels	1,201	218	---	---	983	---
Subtotal iron ore and scrap	1,201	218	---	---	983	---
4420 iron & steel scrap	1,201	218	---	---	983	---
Total food and farm products	10	0	---	---	---	10
Subtotal vegetable products	10	---	---	---	---	10
6653 vegetable oils	10	---	---	---	---	10
Subtotal other agricultural products	0	0	---	---	---	---
6889 food products nec	0	0	---	---	---	---
Total all manufactured equipment, machinery and products	0	---	---	---	---	0
7900 manufac. prod. nec	0	---	---	---	0	---
Total unknown or not elsewhere classified	0	0	---	---	---	---
9900 unknown or nec	0	0	---	---	---	---
Ton-miles (x1000)	7,003	240	411	545	2,019	3,789
Domestic						

UPPER BAY, NEW YORK HARBOR, NY AND NJ (INCLUDED IN PORT OF NEW YORK)
 Freight Traffic, 2016 - continued
 (thousand short tons)

Tons All Traffic (x1000) **94,518**
Ton-miles All Traffic (x1000) **335,057**
Total Trip-ton-miles Internal and Intraport (x1000) **1,023,936**

*Does not include 81,765,624 tons of through traffic.

NEWARK BAY, NJ (INCLUDED IN NEWARK BAY CONSOLIDATED REPORT AND PORT OF NEW YORK)

Section Included: Entire Bay. Maintained Depth: 35 feet in Newark Bay, including Branch Channels at Port Newark and Port Elizabeth to a point 1,200 feet south of Central Railroad of NJ Bridge; balance of waterway ranges from 32 To 35 feet. Project Length: About 4.7 miles. Tidal range to 6 feet mean higher high water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	43,438	2010	38,945	2013	37,719	2016	41,801
2008	42,186	2011	39,787	2014	40,214		
2009	39,217	2012	37,972	2015	39,635		

Freight Traffic, 2016 (thousand short tons)

Commodity	Grand Total*	Foreign		Canadian		Domestic			
		Inbound	Outbound	Inbound	Outbound	Total Shipments	Coastwise	Internal	
								Inbound Upbound	Outbound Downbnd
Total, all commodities	39,536	25,705	11,929	27	1	1,874	61	1,653	160
Total coal	3	1	2	0	—	—	—	—	—
1100 coal & lignite	2	1	1	0	—	—	—	—	—
1200 coal coke	0	0	0	—	—	—	—	—	—
Total petroleum and petroleum products	1,805	130	87	20	—	1,568	61	1,503	4
Subtotal petroleum products	1,805	130	87	20	—	1,568	61	1,503	4
2211 gasoline	54	53	0	0	—	0	—	0	—
2221 kerosene	0	0	0	—	—	—	—	—	—
2330 distillate fuel oil	53	4	4	1	—	44	40	4	1
2340 residual fuel oil	1,516	0	0	—	—	1,516	21	1,491	3
2350 lube oil & greases	55	8	38	—	—	9	—	9	—
2410 petro. jelly & waxes	32	24	7	—	—	—	—	—	—
2429 naphtha & solvents	58	16	30	12	—	—	—	—	—
2430 asphalt, tar & pitch	3	1	2	—	—	—	—	—	—
2540 petroleum coke	29	20	2	6	—	—	—	—	—
2640 hydrocarbon & petrol gases, liquefied and gaseous	4	3	2	—	—	—	—	—	—
2990 petro. products nec	0	0	—	—	—	—	—	—	—
Total chemicals and related products	3,388	2,258	1,130	0	0	—	—	—	—
Subtotal fertilizers	39	29	10	—	—	—	—	—	—
3110 nitrogenous fert.	5	5	0	—	—	—	—	—	—
3120 phosphatic fert.	0	0	0	—	—	—	—	—	—
3130 potassic fert.	6	6	0	—	—	—	—	—	—
3190 fert. & mixes nec	28	18	10	—	—	—	—	—	—
Subtotal other chemicals and related products	3,349	2,229	1,119	0	0	—	—	—	—
3211 acyclic hydrocarbons	12	8	4	—	—	—	—	—	—
3212 benzene & toluene	0	0	0	—	—	—	—	—	—
3219 other hydrocarbons	36	28	8	0	0	—	—	—	—
3220 alcohols	191	156	35	0	—	—	—	—	—
3230 carboxylic acids	253	225	28	0	0	—	—	—	—
3240 nitrogen func. comp.	89	66	23	—	—	—	—	—	—
3250 organo - inorg. comp.	43	36	7	—	—	—	—	—	—
3260 organic comp. nec	86	63	23	0	—	—	—	—	—
3271 sulphur (liquid)	0	0	—	—	—	—	—	—	—
3272 sulphuric acid	3	1	2	—	—	—	—	—	—
3273 ammonia	1	0	1	—	—	—	—	—	—
3274 sodium hydroxide	9	5	4	—	—	—	—	—	—
3275 inorg. elem., oxides, & halogen salts	170	116	54	0	—	—	—	—	—
3276 metallic salts	152	119	33	—	—	—	—	—	—
3279 inorganic chem. nec	18	11	7	—	—	—	—	—	—
3281 radioactive material	2	1	2	—	—	—	—	—	—
3282 pigments & paints	82	42	40	—	—	—	—	—	—
3283 coloring mat. nec	38	25	13	—	—	—	—	—	—
3284 medicines	113	80	33	—	—	—	—	—	—
3285 perfumes & cleansers	425	301	123	—	0	—	—	—	—
3286 plastics	1,058	616	442	0	0	—	—	—	—
3291 pesticides	24	16	8	—	—	—	—	—	—
3292 starches, gluten, glue	177	136	41	0	—	—	—	—	—
3293 explosives	8	7	0	—	—	—	—	—	—
3297 chemical additives	80	24	56	—	—	—	—	—	—
3298 wood & resin chem.	3	1	1	—	—	—	—	—	—
3299 chem. products nec	275	143	131	—	0	—	—	—	—
Total crude materials, inedible except fuels	7,183	1,736	5,393	3	0	52	—	52	—
Subtotal forest products, wood and chips	1,017	306	711	—	—	—	—	—	—

NEWARK BAY, NJ (INCLUDED IN NEWARK BAY CONSOLIDATED REPORT AND PORT OF NEW YORK)
 Freight Traffic, 2016 - continued
 (thousand short tons)

Commodity	Grand Total*	Foreign		Canadian		Domestic			
		Inbound	Outbound	Inbound	Outbound	Total Shipments	Internal		
							Inbound	Outbound	
4110 rubber & gums	11	5	6	—	—	—	—	—	—
4150 fuel wood	13	10	3	—	—	—	—	—	—
4161 wood chips	2	1	1	—	—	—	—	—	—
4170 wood in the rough	336	7	329	—	—	—	—	—	—
4189 lumber	563	202	361	—	—	—	—	—	—
4190 forest products nec	92	82	10	—	—	—	—	—	—
Subtotal pulp and waste paper	3,252	22	3,230	—	0	—	—	—	—
4225 pulp & waste paper	3,252	22	3,230	—	0	—	—	—	—
Subtotal soil, sand, gravel, rock and stone	462	453	9	—	—	—	—	—	—
4310 building stone	389	389	0	—	—	—	—	—	—
4322 limestone	12	11	2	—	—	—	—	—	—
4323 gypsum	4	1	4	—	—	—	—	—	—
4327 phosphate rock	0	—	0	—	—	—	—	—	—
4331 sand & gravel	56	53	3	—	—	—	—	—	—
Subtotal iron ore and scrap	1,286	5	1,229	—	—	52	—	52	—
4410 iron ore	0	0	0	—	—	—	—	—	—
4420 iron & steel scrap	1,286	5	1,229	—	—	52	—	52	—
Subtotal marine shells	1	1	0	—	—	—	—	—	—
4515 marine shells	1	1	0	—	—	—	—	—	—
Subtotal non-ferrous ores and scrap	216	37	180	—	—	—	—	—	—
4630 copper ore	1	0	1	—	—	—	—	—	—
4650 aluminum ore	20	19	1	—	—	—	—	—	—
4670 manganese ore	0	0	0	—	—	—	—	—	—
4680 non-ferrous scrap	181	12	169	—	—	—	—	—	—
4690 non-ferrous ores nec	14	6	9	—	—	—	—	—	—
Subtotal sulphur, clay and salt	914	891	24	—	—	—	—	—	—
4741 sulphur, (dry)	3	0	3	—	—	—	—	—	—
4782 clay & refrac. mat.	30	13	17	—	—	—	—	—	—
4783 salt	881	877	3	—	—	—	—	—	—
Subtotal slag	0	0	0	—	—	—	—	—	—
4860 slag	0	0	0	—	—	—	—	—	—
Subtotal other non-metal. min.	35	22	10	3	—	—	—	—	—
4900 non-metal. min. nec	35	22	10	3	—	—	—	—	—
Total primary manufactured goods	5,958	5,010	947	0	—	—	—	—	—
Subtotal paper products	1,102	745	357	0	—	—	—	—	—
5110 newsprint	24	1	24	—	—	—	—	—	—
5120 paper & paperboard	755	496	259	0	—	—	—	—	—
5190 paper products nec	323	248	74	0	—	—	—	—	—
Subtotal lime, cement and glass	2,155	2,089	65	0	—	—	—	—	—
5210 lime	1	0	1	—	—	—	—	—	—
5220 cement & concrete	829	828	1	—	—	—	—	—	—
5240 glass & glass prod.	348	314	34	0	—	—	—	—	—
5290 misc. mineral prod.	977	947	30	0	—	—	—	—	—
Subtotal primary iron and steel products	532	444	89	0	—	—	—	—	—
5312 pig iron	39	20	19	—	—	—	—	—	—
5315 ferro alloys	9	6	3	—	—	—	—	—	—
5320 i&s primary forms	73	57	16	—	—	—	—	—	—
5330 i&s plates & sheets	91	68	22	—	—	—	—	—	—
5360 i&s bars & shapes	129	118	11	0	—	—	—	—	—
5370 i&s pipe & tube	144	131	12	—	—	—	—	—	—
5390 primary i&s nec	47	43	5	—	—	—	—	—	—
Subtotal primary non-ferrous metal products	1,833	1,425	408	0	—	—	—	—	—
5421 copper	79	70	9	—	—	—	—	—	—
5422 aluminum	268	249	18	0	—	—	—	—	—
5429 smelted prod. nec	237	32	205	—	—	—	—	—	—
5480 fab. metal products	1,249	1,073	175	0	—	—	—	—	—
Subtotal primary wood products	335	307	28	0	—	—	—	—	—
5540 primary wood prod.	335	307	28	0	—	—	—	—	—
Total food and farm products	8,378	6,940	1,427	1	0	10	—	10	—
Subtotal fish	345	332	13	0	0	—	—	—	—
6134 fish (not shellfish)	138	132	6	0	0	—	—	—	—
6136 shellfish	206	200	7	—	—	—	—	—	—
Subtotal grain	232	208	24	—	—	—	—	—	—
6241 wheat	9	9	0	—	—	—	—	—	—
6344 corn	21	3	17	—	—	—	—	—	—
6442 rice	197	195	3	—	—	—	—	—	—
6443 barley & rye	0	0	0	—	—	—	—	—	—
6445 oats	0	0	0	—	—	—	—	—	—
6447 sorghum grains	5	0	4	—	—	—	—	—	—
Subtotal oilseeds	455	57	397	—	—	—	—	—	—
6521 peanuts	2	2	0	—	—	—	—	—	—
6522 soybeans	393	18	375	—	—	—	—	—	—
6534 flaxseed	0	0	0	—	—	—	—	—	—

NEWARK BAY, NJ (INCLUDED IN NEWARK BAY CONSOLIDATED REPORT AND PORT OF NEW YORK)
 Freight Traffic, 2016 - continued
 (thousand short tons)

Commodity	Grand Total*	Foreign		Canadian		Domestic			
		Inbound	Outbound	Inbound	Outbound	Total Shipments	Coastwise	Internal	
								Inbound Upbound	Outbound Downbnd
6590 oilseeds nec	59	38	22	—	—	—	—	—	—
Subtotal vegetable products	1,518	1,344	165	—	—	10	—	10	—
6653 vegetable oils	567	535	23	—	—	10	—	10	—
6654 vegetables & prod.	951	809	142	—	—	—	—	—	—
Subtotal processed grain and animal feed	519	253	265	0	—	—	—	—	—
6746 wheat flour	39	35	4	0	—	—	—	—	—
6747 grain mill products	255	182	73	0	—	—	—	—	—
6781 hay & fodder	1	1	1	—	—	—	—	—	—
6782 animal feed, prep.	223	35	188	—	—	—	—	—	—
Subtotal other agricultural products	5,309	4,746	563	1	0	—	—	—	—
6811 meat, fresh, frozen	116	50	66	—	—	—	—	—	—
6817 meat, prepared	20	15	5	—	—	—	—	—	—
6822 dairy products	224	156	67	0	—	—	—	—	—
6835 fish, prepared	87	84	3	0	—	—	—	—	—
6838 tallow, animal oils	5	4	1	—	—	—	—	—	—
6839 animals & prod. nec	64	20	44	0	—	—	—	—	—
6856 bananas & plantains	15	14	1	—	—	—	—	—	—
6857 fruit & nuts nec	350	326	24	—	—	—	—	—	—
6858 fruit juices	981	959	22	0	0	—	—	—	—
6861 sugar	47	43	4	—	—	—	—	—	—
6865 molasses	4	4	0	—	—	—	—	—	—
6871 coffee	208	204	4	—	0	—	—	—	—
6872 cocoa beans	251	240	12	—	—	—	—	—	—
6885 alcoholic beverages	1,461	1,391	70	0	—	—	—	—	—
6888 water & ice	198	195	3	—	—	—	—	—	—
6889 food products nec	1,112	904	208	0	0	—	—	—	—
6891 tobacco & products	13	11	2	—	—	—	—	—	—
6893 cotton	53	53	1	0	—	—	—	—	—
6894 natural fibers nec	31	30	1	—	—	—	—	—	—
6899 farm products nec	68	44	25	—	0	—	—	—	—
Total all manufactured equipment, machinery and products	11,282	8,633	2,403	2	0	244	—	88	156
7110 machinery (not elec)	1,043	750	292	0	—	—	—	—	—
7120 electrical machinery	1,091	909	182	0	—	—	—	—	—
7210 vehicles & parts	1,740	1,221	519	0	0	—	—	—	—
7220 aircraft & parts	20	4	17	0	—	—	—	—	—
7230 ships & boats	23	20	4	0	—	—	—	—	—
7300 ordnance & access.	15	14	2	—	—	—	—	—	—
7400 manufac. wood prod.	206	169	36	—	—	—	—	—	—
7500 textile products	2,011	1,650	361	0	0	—	—	—	—
7600 rubber & plastic pr.	1,419	1,195	223	1	—	—	—	—	—
7900 manufac. prod. nec	3,714	2,702	767	1	0	244	—	88	156
Total unknown or not elsewhere classified	1,539	998	541	0	0	—	—	—	—
9900 unknown or nec	1,539	998	541	0	0	—	—	—	—
Ton-miles (x1000)	78,250	51,208	22,805	48	1	15,420	182	3,525	481

Tons All Traffic (x1000) 41,801
Ton-miles All Traffic (x1000) 89,573
Total Trip-ton-miles Internal and Intraport (x1000) 64,477

*Does not include 2,264,469 tons of through traffic.

PASSAIC RIVER, NJ (INCLUDED IN PORT OF NEW YORK)

Section Included: From mouth upstream to Gregory Avenue, Passaic. Controlling Depth: 15 feet from the junction of Hackensack and Passaic Rivers to C. R. R. of NJ Bridge; balance of waterway ranges, between 6 and 14 feet. Project Depth: 30, 20, 16 and 10 feet. All at mean low water. Project Length: About 15.4 miles.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	3,698	2010	3,395	2013	1,922	2016	2,427
2008	3,205	2011	2,616	2014	1,576		
2009	3,594	2012	2,607	2015	1,722		

Freight Traffic, 2016 (thousand short tons)

Commodity	Grand Total	Foreign Outbound	Domestic					
			Total	Coastwise		Internal		
				Receipts	Shipments	Inbound Upbound	Outbound Downbnd	Intra Upbound
Total, all commodities	2,427	18	2,409	527	12	1,584	284	2
Total petroleum and petroleum products	1,612	—	1,612	55	11	1,332	212	2
Subtotal petroleum products	1,612	—	1,612	55	11	1,332	212	2
2211 gasoline	511	—	511	5	—	486	20	—
2221 kerosene	128	—	128	44	—	6	78	—

PASSAIC RIVER, NJ (INCLUDED IN PORT OF NEW YORK)
Freight Traffic, 2016 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Domestic				
		Outbound	Total	Coastwise		Internal		
				Receipts	Shipments	Inbound Upbound	Outbound Downbnd	Intra Upbound
2330 distillate fuel oil	177	—	177	6	7	120	42	2
2340 residual fuel oil	791	—	791	—	3	721	67	—
2350 lube oil & greases	5	—	5	—	—	—	5	—
Total chemicals and related products	82	—	82	—	—	73	9	—
Subtotal other chemicals and related products	82	—	82	—	—	73	9	—
3220 alcohols	82	—	82	—	—	73	9	—
Total food and farm products	15	15	—	—	—	—	—	—
Subtotal vegetable products	4	4	—	—	—	—	—	—
6653 vegetable oils	4	4	—	—	—	—	—	—
Subtotal processed grain and animal feed	8	8	—	—	—	—	—	—
6782 animal feed, prep.	8	8	—	—	—	—	—	—
Subtotal other agricultural products	3	3	—	—	—	—	—	—
6889 food products nec	3	3	—	—	—	—	—	—
Total all manufactured equipment, machinery and products	4	3	1	—	1	—	—	—
7900 manufac. prod. nec	4	3	1	—	1	—	—	—
Total waste and scrap nec	713	—	713	472	—	179	63	—
8900 waste and scrap nec	713	—	713	472	—	179	63	—
Ton-miles (x1000)	5,324	18	5,306	527	12	4,364	401	2

Tons All Traffic (x1000) 2,427
Ton-miles All Traffic (x1000) 5,324
Total Trip-ton-miles Internal and Intraport (x1000) 55,892

NEW YORK AND NEW JERSEY CHANNELS, NY AND NJ (INCLUDED IN PORT OF NEW YORK)

Section Included: From Main Ship Channel northwest of Sandy Hook through Lower New York Bay, Raritan Bay, Perth Amboy Anchorage, Arthur Kill and Kill Van Kull to upper New York Bay. Maintained Depth: 35 feet from a junction with Main Ship Channel to vicinity of Tottenville; 37 feet in Perth Amboy Anchorage; balance of waterway ranges from 20 to 35 feet. Project Length: 33 miles. Tidal range to 6 feet mean higher high water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	132,401	2010	117,773	2013	107,088	2016	117,937
2008	125,464	2011	121,900	2014	109,626		
2009	120,994	2012	115,841	2015	108,358		

Freight Traffic, 2016 (thousand short tons)

Commodity	Total*	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
Total, all commodities	38,016	23,127	2,591	11,969	328
Total coal	0	0	0	—	—
1100 coal & lignite	0	0	0	—	—
Total petroleum and petroleum products	33,011	19,080	1,800	11,816	315
Subtotal crude petroleum	9,453	791	81	8,582	—
2100 crude petroleum	9,453	791	81	8,582	—
Subtotal petroleum products	23,558	18,290	1,719	3,234	315
2211 gasoline	9,821	9,045	113	635	28
2221 kerosene	706	436	71	—	199
2330 distillate fuel oil	7,745	4,271	1,165	2,238	72
2340 residual fuel oil	567	345	37	186	—
2350 lube oil & greases	1,188	775	291	122	—
2410 petro. jelly & waxes	1	0	1	—	—
2429 naphtha & solvents	3,236	3,152	41	27	16
2430 asphalt, tar & pitch	1	0	1	—	—
2540 petroleum coke	109	82	0	27	—
2640 hydrocarbon & petrol gases, liquefied and azeous	184	183	0	—	—
Total chemicals and related products	2,459	2,149	248	49	12
Subtotal fertilizers	27	26	1	—	—
3110 nitrogenous fert.	26	26	0	—	—
3130 potassic fert.	0	0	0	—	—
3190 fert. & mixes nec	1	0	0	—	—
Subtotal other chemicals and related products	2,432	2,123	247	49	12
3211 acyclic hydrocarbons	1	0	1	—	—
3212 benzene & toluene	0	0	0	—	—
3219 other hydrocarbons	10	8	1	—	—
3220 alcohols	401	286	115	—	—
3230 carboxylic acids	88	83	5	—	—
3240 nitrogen func. comp.	10	7	3	—	—
3250 organo - inorg. comp.	8	7	2	—	—
3260 organic comp. nec	122	119	2	—	—
3272 sulphuric acid	0	0	0	—	—
3273 ammonia	1	0	1	—	—
3274 sodium hydroxide	35	35	0	—	—
3275 inorg. elem., oxides, & halogen salts	15	9	6	—	—
3276 metallic salts	9	5	5	—	—
3279 inorganic chem. nec	3	2	1	—	—
3281 radioactive material	1	0	0	—	—
3282 pigments & paints	8	2	6	0	—

NEW YORK AND NEW JERSEY CHANNELS, NY AND NJ (INCLUDED IN PORT OF NEW YORK)
 Freight Traffic, 2016 - continued
 (thousand short tons)

Commodity	Total*	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
3283 coloring mat. nec	32	1	1	29	—
3284 medicines	12	4	8	—	—
3285 perfumes & cleansers	31	13	18	—	—
3286 plastics	92	51	41	—	—
3291 pesticides	1	1	0	—	—
3292 starches, gluten, glue	13	5	8	—	—
3293 explosives	0	0	0	—	—
3297 chemical additives	1,490	1,449	8	20	12
3298 wood & resin chem.	0	0	0	—	—
3299 chem. products nec	50	35	15	—	—
Total crude materials, inedible except fuels	774	676	49	50	—
Subtotal forest products, wood and chips	46	10	37	—	—
4110 rubber & gums	0	0	0	—	—
4150 fuel wood	0	0	0	—	—
4161 wood chips	0	0	0	—	—
4170 wood in the rough	19	0	19	—	—
4189 lumber	23	7	16	—	—
4190 forest products nec	4	3	1	—	—
Subtotal pulp and waste paper	5	0	5	—	—
4225 pulp & waste paper	5	0	5	—	—
Subtotal soil, sand, gravel, rock and stone	51	1	0	50	—
4310 building stone	1	1	—	—	—
4322 limestone	0	0	0	—	—
4323 gypsum	0	0	0	—	—
4331 sand & gravel	50	0	0	50	—
Subtotal iron ore and scrap	1	0	1	—	—
4410 iron ore	0	—	0	—	—
4420 iron & steel scrap	1	0	1	—	—
Subtotal marine shells	0	0	0	—	—
4515 marine shells	0	0	0	—	—
Subtotal non-ferrous ores and scrap	3	1	2	—	—
4650 aluminum ore	1	0	0	—	—
4680 non-ferrous scrap	2	1	1	—	—
4690 non-ferrous ores nec	0	0	0	—	—
Subtotal sulphur, clay and salt	665	663	3	—	—
4741 sulphur, (dry)	2	—	2	—	—
4782 clay & refrac. mat.	1	1	1	—	—
4783 salt	662	662	1	—	—
Subtotal slag	0	0	0	—	—
4860 slag	0	0	0	—	—
Subtotal other non-metal. min.	1	0	1	—	—
4900 non-metal. min. nec	1	0	1	—	—
Total primary manufactured goods	203	113	53	38	—
Subtotal paper products	36	19	17	—	—
5110 newsprint	0	0	0	—	—
5120 paper & paperboard	22	12	10	—	—
5190 paper products nec	13	7	6	—	—
Subtotal lime, cement and glass	40	33	7	—	—
5210 lime	0	0	0	—	—
5220 cement & concrete	0	0	0	—	—
5240 glass & glass prod.	14	11	3	—	—
5290 misc. mineral prod.	25	22	3	—	—
Subtotal primary iron and steel products	19	10	9	—	—
5312 pig iron	8	2	6	—	—
5315 ferro alloys	0	0	0	—	—
5320 i&s primary forms	1	1	0	—	—
5330 i&s plates & sheets	1	1	0	—	—
5360 i&s bars & shapes	3	2	1	—	—
5370 i&s pipe & tube	4	3	1	—	—
5390 primary i&s nec	2	1	0	—	—
Subtotal primary non-ferrous metal products	104	47	20	38	—
5421 copper	4	3	2	—	—
5422 aluminum	6	5	1	—	—
5429 smelted prod. nec	5	3	1	—	—
5480 fab. metal products	89	36	15	38	—
Subtotal primary wood products	5	4	1	—	—
5540 primary wood prod.	5	4	1	—	—
Total food and farm products	545	466	79	—	0
Subtotal fish	29	27	2	—	0
6134 fish (not shellfish)	11	11	0	—	0
6136 shellfish	18	16	2	—	—
Subtotal grain	2	1	1	—	—
6241 wheat	0	0	—	—	—
6344 corn	2	1	1	—	—
6442 rice	0	0	0	—	—
6445 oats	0	—	0	—	—
6447 sorghum grains	0	0	0	—	—
Subtotal oilseeds	3	2	0	—	—
6521 peanuts	1	0	0	—	—
6522 soybeans	1	1	0	—	—
6534 flaxseed	0	0	—	—	—
6590 oilseeds nec	1	1	0	—	—
Subtotal vegetable products	154	151	3	—	—
6653 vegetable oils	101	100	1	—	—
6654 vegetables & prod.	53	52	1	—	—
Subtotal processed grain and animal feed	19	10	10	—	—
6746 wheat flour	1	1	0	—	—

NEW YORK AND NEW JERSEY CHANNELS, NY AND NJ (INCLUDED IN PORT OF NEW YORK)
 Freight Traffic, 2016 - continued
 (thousand short tons)

Commodity	Total*	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
6747 grain mill products	8	5	3	—	—
6781 hay & fodder	0	0	—	—	—
6782 animal feed, prep.	11	4	7	—	—
Subtotal other agricultural products	338	275	63	—	—
6811 meat, fresh, frozen	9	1	9	—	—
6817 meat, prepared	1	0	1	—	—
6822 dairy products	10	6	4	—	—
6835 fish, prepared	3	2	1	—	—
6838 tallow, animal oils	1	1	0	—	—
6839 animals & prod. nec	9	5	5	—	—
6856 bananas & plantains	27	27	0	—	—
6857 fruit & nuts nec	23	19	4	—	—
6858 fruit juices	45	41	4	—	—
6861 sugar	6	6	0	—	—
6865 molasses	0	—	0	—	—
6871 coffee	53	53	0	—	—
6872 cocoa beans	7	7	0	—	—
6885 alcoholic beverages	70	65	5	—	—
6888 water & ice	6	6	0	—	—
6889 food products nec	62	34	27	—	—
6891 tobacco & products	0	0	0	—	—
6893 cotton	1	1	0	—	—
6894 natural fibers nec	2	0	1	—	—
6899 farm products nec	2	2	0	—	—
Total all manufactured equipment, machinery and products	722	403	301	17	1
7110 machinery (not elec)	93	39	54	0	—
7120 electrical machinery	93	72	20	—	—
7210 vehicles & parts	108	34	74	—	—
7220 aircraft & parts	0	0	0	—	—
7230 ships & boats	1	1	0	0	—
7300 ordnance & access.	1	1	0	—	—
7400 manufac. wood prod.	7	5	2	—	—
7500 textile products	99	59	23	17	—
7600 rubber & plastic pr.	72	50	22	—	—
7900 manufac. prod. nec	248	142	104	0	1
Total unknown or not elsewhere classified	302	240	61	0	0
9900 unknown or nec	302	240	61	0	0
Ton-miles (x1000)	621,635	341,601	33,011	240,838	6,185
Foreign & Canadian					

Commodity	Total*	Coastwise	
		Receipts	Shipments
Total, all commodities	21,587	2,800	18,786
Total petroleum and petroleum products	19,222	2,415	16,808
Subtotal crude petroleum	525	525	—
2100 crude petroleum	525	525	—
Subtotal petroleum products	18,697	1,890	16,808
2211 gasoline	8,793	620	8,173
2221 kerosene	1,222	377	844
2330 distillate fuel oil	5,116	327	4,790
2340 residual fuel oil	3,198	335	2,862
2350 lube oil & greases	183	145	38
2429 naphtha & solvents	100	—	100
2430 asphalt, tar & pitch	71	71	—
2990 petro. products nec	15	15	—
Total chemicals and related products	2,109	132	1,977
Subtotal other chemicals and related products	2,109	132	1,977
3220 alcohols	2,023	46	1,977
3230 carboxylic acids	7	7	—
3240 nitrogen func. comp.	2	2	—
3274 sodium hydroxide	76	76	—
3286 plastics	1	1	—
Total crude materials, inedible except fuels	127	127	—
Subtotal soil, sand, gravel, rock and stone	127	127	—
4331 sand & gravel	127	127	—
Total primary manufactured goods	129	127	2
Subtotal lime, cement and glass	129	127	2
5220 cement & concrete	112	111	2
5290 misc. mineral prod.	16	16	—
Ton-miles (x1000)	210,954	38,205	172,749
Coastwise			

Commodity	Total*	Internal					
		Inbound		Outbound		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	19,028	88	2,361	9,914	2,356	2,438	1,871
Total petroleum and petroleum products	18,049	88	2,108	9,333	2,356	2,341	1,823
Subtotal crude petroleum	1,308	—	1,291	—	—	17	—
2100 crude petroleum	1,308	—	1,291	—	—	17	—
Subtotal petroleum products	16,741	88	817	9,333	2,356	2,325	1,823

NEW YORK AND NEW JERSEY CHANNELS, NY AND NJ (INCLUDED IN PORT OF NEW YORK)
 Freight Traffic, 2016 - continued
 (thousand short tons)

Commodity	Total*	Internal					
		Inbound		Outbound		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
2211 gasoline	5,068	20	313	4,023	108	241	362
2221 kerosene	134	—	3	31	2	92	7
2330 distillate fuel oil	4,498	51	331	2,356	55	1,170	535
2340 residual fuel oil	6,863	17	147	2,904	2,190	757	847
2350 lube oil & greases	28	—	5	18	—	5	1
2429 naphtha & solvents	141	—	8	1	—	60	71
2990 petro. products nec	9	—	9	—	—	—	—
Total chemicals and related products	756	—	32	580	—	97	48
Subtotal other chemicals and related products	756	—	32	580	—	97	48
3220 alcohols	756	—	32	580	—	97	48
Total crude materials, inedible except fuels	12	—	10	1	—	—	—
Subtotal soil, sand, gravel, rock and stone	10	—	10	—	—	—	—
4322 limestone	6	—	6	—	—	—	—
4331 sand & gravel	4	—	4	—	—	—	—
Subtotal iron ore and scrap	1	—	—	1	—	—	—
4420 iron & steel scrap	1	—	—	1	—	—	—
Total primary manufactured goods	128	—	128	—	—	—	—
Subtotal lime, cement and glass	128	—	128	—	—	—	—
5220 cement & concrete	128	—	128	—	—	—	—
Total waste and scrap nec	83	—	83	—	—	—	—
8900 waste and scrap nec	83	—	83	—	—	—	—
Ton-miles (x1000)	126,496	906	17,618	79,849	4,080	15,371	8,671
Internal							
Tons All Traffic (x1000)	117,937						
Ton-miles All Traffic (x1000)	1,043,035						
Total Trip-ton-miles Internal and Intraport (x1000)	1,030,837						

*Does not include 39,305,720 tons of through traffic.

RARITAN RIVER TO ARTHUR KILL CUT OFF CHANNEL, NJ (INCLUDED IN PORT OF NEW YORK)

Section Included: From Raritan River Channel off South Amboy to the southerly end of Arthur Kill Channel. Controlling Depth: 18 feet mean low water. Project Depth: 20 feet mean low water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	2,045	2010	1,276	2013	716	2016	538
2008	1,656	2011	1,281	2014	498		
2009	1,352	2012	1,169	2015	381		

Freight Traffic, 2016 (thousand short tons)

Commodity	Grand Total	Domestic			
		Coastwise		Internal	
		Through	Upbound	Through	Downbnd
Total, all commodities	538	194	254	89	89
Total petroleum and petroleum products	538	194	254	89	89
Subtotal petroleum products	538	194	254	89	89
2211 gasoline	84	21	37	26	—
2221 kerosene	14	—	14	—	—
2330 distillate fuel oil	371	154	177	40	—
2340 residual fuel oil	69	19	26	23	—
Ton-miles (x1000)	538	194	254	89	89

Tons All Traffic (x1000) 538
Ton-miles All Traffic (x1000) 538
Total Trip-ton-miles Internal and Intraport (x1000) 21,536

NEW YORK HARBOR, NY LOWER ENTRANCE CHANNELS

Section Included: Ambrose, Mainship, Bayside and Sandy Hook Channels. Controlling Depth: Ambrose Channel, 45 feet; Main Ship Channel, 30 feet; Sandy Hook Channel, 35 feet. Project Depth: Ambrose Channel, 45 feet, 13.6 miles; Bayside Sandy Hook Channel, 35 feet, 6.3 miles; Main Ship Channel, 30 feet, 5.2 miles. All at mean low water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	110,297	2010	99,551	2013	87,821	2016	96,791
2008	110,368	2011	102,815	2014	90,797		
2009	100,264	2012	97,706	2015	90,974		

Freight Traffic, 2016 (thousand short tons)

Commodity	Total	Foreign			
		Through		Canadian	
		Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	87,910	56,898	17,709	12,910	392
Total coal	4	1	2	0	—

NEW YORK HARBOR, NY LOWER ENTRANCE CHANNELS
Freight Traffic, 2016 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Through		Through	
		Upbound	Downbnd	Upbound	Downbnd
1100 coal & lignite	3	1	2	0	—
1200 coal coke	0	0	0	—	—
Total petroleum and petroleum products	34,840	20,322	2,100	12,057	361
Subtotal crude petroleum	9,774	1,010	81	8,683	—
2100 crude petroleum	9,774	1,010	81	8,683	—
Subtotal petroleum products	25,067	19,312	2,019	3,374	361
2211 gasoline	10,084	9,300	113	635	36
2221 kerosene	745	437	71	—	237
2330 distillate fuel oil	8,438	4,676	1,352	2,339	72
2340 residual fuel oil	710	466	37	207	—
2350 lube oil & greases	1,252	786	344	122	—
2410 petro. jelly & waxes	36	27	9	—	—
2429 naphtha & solvents	3,387	3,251	81	39	16
2430 asphalt, tar & pitch	10	4	5	—	—
2540 petroleum coke	202	166	3	32	—
2640 hydrocarbon & petrol gases, liquefied and gaseous	202	199	3	—	—
2990 petro. products nec	0	0	—	—	—
Total chemicals and related products	6,904	5,140	1,703	50	12
Subtotal fertilizers	104	91	13	—	—
3110 nitrogenous fert.	61	61	0	—	—
3120 phosphatic fert.	1	0	0	—	—
3130 potassic fert.	11	11	0	—	—
3190 fert. & mixes nec	32	19	13	—	—
Subtotal other chemicals and related products	6,800	5,048	1,689	50	12
3211 acyclic hydrocarbons	14	9	5	—	—
3212 benzene & toluene	0	0	0	—	—
3219 other hydrocarbons	55	43	12	0	0
3220 alcohols	639	471	168	0	—
3230 carboxylic acids	398	359	39	0	0
3240 nitrogen func. comp.	120	88	31	—	—
3250 organo - inorg. comp.	71	58	13	—	—
3260 organic comp. nec	230	201	29	0	—
3271 sulphur (liquid)	0	0	—	—	—
3272 sulphuric acid	5	2	3	—	—
3273 ammonia	2	0	2	—	—
3274 sodium hydroxide	47	41	6	—	—
3275 inorg. elem., oxides, & halogen salts	229	155	74	0	—
3276 metallic salts	312	261	51	—	—
3279 inorganic chem. nec	29	20	9	—	—
3281 radioactive material	5	2	3	—	—
3282 pigments & paints	116	60	55	0	—
3283 coloring mat. nec	78	31	18	29	—
3284 medicines	150	99	51	—	—
3285 perfumes & cleansers	544	372	172	—	0
3286 plastics	1,431	839	592	0	0
3291 pesticides	36	24	13	—	—
3292 starches, gluten, glue	262	196	66	0	—
3293 explosives	8	8	0	—	—
3297 chemical additives	1,611	1,484	94	20	12
3298 wood & resin chem.	4	2	2	—	—
3299 chem. products nec	403	222	182	—	0
Total crude materials, inedible except fuels	10,437	3,153	6,522	746	17
Subtotal forest products, wood and chips	1,261	415	846	—	0
4110 rubber & gums	13	6	7	—	—
4150 fuel wood	19	14	6	—	—
4161 wood chips	2	1	1	—	—
4170 wood in the rough	390	8	382	—	—
4189 lumber	728	290	439	—	0
4190 forest products nec	108	96	12	—	—
Subtotal pulp and waste paper	3,373	86	3,287	—	0
4225 pulp & waste paper	3,373	86	3,287	—	0
Subtotal soil, sand, gravel, rock and stone	1,388	634	12	742	—
4310 building stone	454	453	1	—	—
4322 limestone	15	11	4	—	—
4323 gypsum	115	111	4	—	—
4327 phosphate rock	0	—	0	—	—
4331 sand & gravel	805	59	4	742	—
Subtotal iron ore and scrap	2,126	6	2,119	—	—
4410 iron ore	1	0	0	—	—
4420 iron & steel scrap	2,125	6	2,119	—	—
Subtotal marine shells	1	1	0	—	—
4515 marine shells	1	1	0	—	—
Subtotal non-ferrous ores and scrap	265	56	209	—	—
4630 copper ore	1	0	1	—	—
4650 aluminum ore	37	34	3	—	—
4670 manganese ore	0	0	0	—	—
4680 non-ferrous scrap	211	14	197	—	—
4690 non-ferrous ores nec	16	7	9	—	—
Subtotal sulphur, clay and salt	1,965	1,915	34	—	17
4741 sulphur, (dry)	9	0	9	—	—
4782 clay & refrac. mat.	38	19	19	—	—
4783 salt	1,919	1,896	6	—	17
Subtotal slag	15	15	0	—	—
4860 slag	15	15	0	—	—
Subtotal other non-metal. min.	43	26	14	3	—
4900 non-metal. min. nec	43	26	14	3	—

NEW YORK HARBOR, NY LOWER ENTRANCE CHANNELS
Freight Traffic, 2016 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Through		Through	
		Upbound	Downbnd	Upbound	Downbnd
Total primary manufactured goods	8,099	6,927	1,134	38	---
Subtotal paper products	1,385	963	422	0	---
5110 newsprint	26	1	25	---	---
5120 paper & paperboard	893	589	304	0	---
5190 paper products nec	466	373	92	0	---
Subtotal lime, cement and glass	3,360	3,274	87	0	---
5210 lime	3	0	3	---	---
5220 cement & concrete	1,767	1,766	1	---	---
5240 glass & glass prod.	435	391	44	0	---
5290 misc. mineral prod.	1,155	1,117	38	0	---
Subtotal primary iron and steel products	662	550	112	0	---
5312 pig iron	62	35	27	---	---
5315 ferro alloys	14	11	3	---	---
5320 i&s primary forms	90	67	23	---	---
5330 i&s plates & sheets	108	84	24	---	---
5360 i&s bars & shapes	152	139	14	0	---
5370 i&s pipe & tube	176	161	15	---	---
5390 primary i&s nec	59	53	6	---	---
Subtotal primary non-ferrous metal products	2,272	1,753	480	38	---
5421 copper	112	97	15	---	---
5422 aluminum	311	285	26	0	---
5429 smelted prod. nec	264	52	212	---	---
5480 fab. metal products	1,584	1,319	228	38	---
Subtotal primary wood products	420	387	33	0	---
5540 primary wood prod.	420	387	33	0	---
Total food and farm products	11,134	9,162	1,972	1	0
Subtotal fish	515	497	19	0	0
6134 fish (not shellfish)	204	196	9	0	0
6136 shellfish	311	301	10	---	---
Subtotal grain	476	262	213	---	---
6241 wheat	161	10	151	---	---
6344 corn	95	40	55	---	---
6442 rice	214	211	3	---	---
6443 barley & rye	0	0	0	---	---
6445 oats	1	1	0	---	---
6447 sorghum grains	5	0	4	---	---
Subtotal oilseeds	531	70	461	---	---
6521 peanuts	3	3	0	---	---
6522 soybeans	460	25	435	---	---
6534 flaxseed	1	1	0	---	---
6590 oilseeds nec	68	41	26	---	---
Subtotal vegetable products	1,839	1,652	187	---	---
6653 vegetable oils	689	655	34	---	---
6654 vegetables & prod.	1,150	997	153	---	---
Subtotal processed grain and animal feed	646	318	328	0	---
6746 wheat flour	43	37	6	0	---
6747 grain mill products	313	229	85	0	---
6781 hay & fodder	2	1	1	---	---
6782 animal feed, prep.	288	51	237	---	---
Subtotal other agricultural products	7,127	6,363	763	1	0
6811 meat, fresh, frozen	146	62	84	---	---
6817 meat, prepared	32	25	7	---	---
6822 dairy products	270	188	81	0	---
6835 fish, prepared	112	108	5	0	---
6838 tallow, animal oils	8	6	2	---	---
6839 animals & prod. nec	87	33	54	0	---
6856 bananas & plantains	138	137	1	---	---
6857 fruit & nuts nec	488	447	41	---	---
6858 fruit juices	1,188	1,154	34	0	0
6861 sugar	127	122	5	---	---
6865 molasses	5	5	0	---	---
6871 coffee	391	385	5	---	0
6872 cocoa beans	322	300	21	---	---
6885 alcoholic beverages	1,928	1,842	86	0	---
6888 water & ice	231	228	3	---	---
6889 food products nec	1,457	1,163	294	0	0
6891 tobacco & products	22	12	10	---	---
6893 cotton	61	59	1	0	---
6894 natural fibers nec	35	33	3	---	---
6899 farm products nec	77	51	26	---	0
Total all manufactured equipment, machinery and products	14,199	10,740	3,438	19	2
7110 machinery (not elec)	1,404	992	411	0	---
7120 electrical machinery	1,478	1,229	249	0	---
7210 vehicles & parts	2,079	1,385	694	0	0
7220 aircraft & parts	23	4	18	0	---
7230 ships & boats	28	23	5	0	---
7300 ordnance & access.	24	22	2	---	---
7400 manufac. wood prod.	262	217	45	---	---
7500 textile products	2,393	1,955	422	17	0
7600 rubber & plastic pr.	1,789	1,486	302	1	---
7900 manufac. prod. nec	4,721	3,427	1,291	1	2
Total unknown or not elsewhere classified	2,293	1,454	840	0	0
9900 unknown or nec	2,293	1,454	840	0	0
Ton-miles (x1000)	748,665	513,317	209,125	24,880	1,343
Foreign & Canadian					

NEW YORK HARBOR, NY LOWER ENTRANCE CHANNELS
Freight Traffic, 2016 - continued
(thousand short tons)

Commodity	Total	Domestic			
		Coastwise		Internal	
		Through		Through	
		Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	8,881	5,482	2,629	42	728
Total petroleum and petroleum products	5,908	3,515	2,097	7	289
Subtotal crude petroleum	1,000	525	476	—	—
2100 crude petroleum	1,000	525	476	—	—
Subtotal petroleum products	4,908	2,990	1,622	7	289
2211 gasoline	1,752	950	768	—	34
2221 kerosene	552	461	91	—	—
2330 distillate fuel oil	1,143	649	416	5	74
2340 residual fuel oil	765	369	213	2	180
2350 lube oil & greases	183	145	38	—	—
2429 naphtha & solvents	96	—	96	—	—
2430 asphalt, tar & pitch	401	401	—	—	—
2990 petro. products nec	15	15	—	—	—
Total chemicals and related products	925	137	443	—	344
Subtotal fertilizers	6	6	—	—	—
3120 phosphatic fert.	6	6	—	—	—
Subtotal other chemicals and related products	919	132	443	—	344
3220 alcohols	834	46	443	—	344
3230 carboxylic acids	7	7	—	—	—
3240 nitrogen func. comp.	2	2	—	—	—
3274 sodium hydroxide	76	76	—	—	—
3286 plastics	1	1	—	—	—
Total crude materials, inedible except fuels	664	471	63	35	94
Subtotal soil, sand, gravel, rock and stone	664	471	63	35	94
4310 building stone	113	—	—	33	79
4323 gypsum	471	471	—	—	—
4331 sand & gravel	80	—	63	2	15
Total primary manufactured goods	400	374	25	—	—
Subtotal lime, cement and glass	389	370	18	—	—
5220 cement & concrete	358	354	4	—	—
5240 glass & glass prod.	14	—	14	—	—
5290 misc. mineral prod.	16	16	—	—	—
Subtotal primary non-ferrous metal products	11	4	7	—	—
5480 fab. metal products	11	4	7	—	—
Total food and farm products	513	513	—	—	—
Subtotal other agricultural products	513	513	—	—	—
6861 sugar	513	513	—	—	—
6889 food products nec	0	0	—	—	—
Total waste and scrap nec	472	472	—	—	—
8900 waste and scrap nec	472	472	—	—	—
Total unknown or not elsewhere classified	0	0	—	—	—
9900 unknown or nec	0	0	—	—	—
Ton-miles (x1000)	70,828	48,176	15,633	457	6,562
Domestic					
Tons All Traffic (x1000)	96,791				
Ton-miles All Traffic (x1000)	819,493				
Total Trip-ton-miles Internal and Intraport (x1000)	131,814				

CONSOLIDATED STATEMENT OF WATERBORNE COMMERCE OF THE PORT OF NEW YORK

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	157,202	2010	139,198	2013	123,323	2016	133,397
2008	153,480	2011	139,333	2014	126,159		
2009	144,690	2012	132,040	2015	126,690		

Freight Traffic, 2016 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
Total, all commodities	86,119	55,496	17,320	12,910	392
Total coal	4	1	2	0	—
1100 coal & lignite	3	1	2	0	—
1200 coal coke	0	0	0	—	—
Total petroleum and petroleum products	34,760	20,242	2,100	12,057	361
Subtotal crude petroleum	9,774	1,010	81	8,683	—
2100 crude petroleum	9,774	1,010	81	8,683	—
Subtotal petroleum products	24,986	19,231	2,019	3,374	361
2211 gasoline	10,084	9,300	113	635	36
2221 kerosene	745	437	71	—	237
2330 distillate fuel oil	8,438	4,676	1,352	2,339	72
2340 residual fuel oil	710	466	37	207	—
2350 lube oil & greases	1,252	786	344	122	—
2410 petro. jelly & waxes	36	27	9	—	—
2429 naphtha & solvents	3,381	3,244	81	39	16
2430 asphalt, tar & pitch	10	4	5	—	—
2540 petroleum coke	139	104	3	32	—
2640 hydrocarbon & petrol gases, liquefied and gaseous	191	188	3	—	—

CONSOLIDATED STATEMENT OF WATERBORNE COMMERCE OF THE PORT OF NEW YORK
Freight Traffic, 2016 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
2990 petro. products nec	0	0	—	—	—
Total chemicals and related products	6,795	5,030	1,703	50	12
Subtotal fertilizers	76	63	13	—	—
3110 nitrogenous fert.	33	33	0	—	—
3120 phosphatic fert.	1	0	0	—	—
3130 potassic fert.	11	11	0	—	—
3190 fert. & mixes nec	32	19	13	—	—
Subtotal other chemicals and related products	6,718	4,967	1,689	50	12
3211 acyclic hydrocarbons	14	9	5	—	—
3212 benzene & toluene	0	0	0	—	—
3219 other hydrocarbons	55	43	12	0	0
3220 alcohols	639	471	168	0	—
3230 carboxylic acids	398	359	39	0	0
3240 nitrogen func. comp.	120	88	31	—	—
3250 organo - inorg. comp.	71	58	13	—	—
3260 organic comp. nec	230	201	29	0	—
3271 sulphur (liquid)	0	0	—	—	—
3272 sulphuric acid	5	2	3	—	—
3273 ammonia	2	0	2	—	—
3274 sodium hydroxide	47	41	6	—	—
3275 inorg. elem., oxides, & halogen salts	229	155	74	0	—
3276 metallic salts	230	180	51	—	—
3279 inorganic chem. nec	29	20	9	—	—
3281 radioactive material	5	2	3	—	—
3282 pigments & paints	116	60	55	0	—
3283 coloring mat. nec	78	31	18	29	—
3284 medicines	150	99	51	—	—
3285 perfumes & cleansers	544	372	172	—	0
3286 plastics	1,431	839	592	0	0
3291 pesticides	36	24	13	—	—
3292 starches, gluten, glue	262	196	66	0	—
3293 explosives	8	8	0	—	—
3297 chemical additives	1,611	1,484	94	20	12
3298 wood & resin chem.	4	2	2	—	—
3299 chem. products nec	403	222	182	—	0
Total crude materials, inedible except fuels	9,753	2,673	6,318	746	17
Subtotal forest products, wood and chips	1,261	415	846	—	0
4110 rubber & gums	13	6	7	—	—
4150 fuel wood	19	14	6	—	—
4161 wood chips	2	1	1	—	—
4170 wood in the rough	390	8	382	—	—
4189 lumber	728	290	439	—	0
4190 forest products nec	108	96	12	—	—
Subtotal pulp and waste paper	3,328	41	3,287	—	0
4225 pulp & waste paper	3,328	41	3,287	—	0
Subtotal soil, sand, gravel, rock and stone	1,278	524	12	742	—
4310 building stone	454	453	1	—	—
4322 limestone	15	11	4	—	—
4323 gypsum	5	1	4	—	—
4327 phosphate rock	0	—	0	—	—
4331 sand & gravel	805	59	4	742	—
Subtotal iron ore and scrap	1,922	6	1,915	—	—
4410 iron ore	1	0	0	—	—
4420 iron & steel scrap	1,921	6	1,915	—	—
Subtotal marine shells	1	1	0	—	—
4515 marine shells	1	1	0	—	—
Subtotal non-ferrous ores and scrap	258	49	209	—	—
4630 copper ore	1	0	1	—	—
4650 aluminum ore	30	27	3	—	—
4670 manganese ore	0	0	0	—	—
4680 non-ferrous scrap	211	14	197	—	—
4690 non-ferrous ores nec	16	7	9	—	—
Subtotal sulphur, clay and salt	1,661	1,611	34	—	17
4741 sulphur, (dry)	9	0	9	—	—
4782 clay & refrac. mat.	38	19	19	—	—
4783 salt	1,615	1,592	6	—	17
Subtotal slag	0	0	0	—	—
4860 slag	0	0	0	—	—
Subtotal other non-metal. min.	43	26	14	3	—
4900 non-metal. min. nec	43	26	14	3	—
Total primary manufactured goods	7,419	6,247	1,134	38	—
Subtotal paper products	1,385	963	422	0	—
5110 newsprint	26	1	25	—	—
5120 paper & paperboard	893	589	304	0	—
5190 paper products nec	466	373	92	0	—
Subtotal lime, cement and glass	2,684	2,597	87	0	—
5210 lime	3	0	3	—	—
5220 cement & concrete	1,090	1,089	1	—	—
5240 glass & glass prod.	435	391	44	0	—
5290 misc. mineral prod.	1,155	1,117	38	0	—
Subtotal primary iron and steel products	659	547	112	0	—
5312 pig iron	62	35	27	—	—
5315 ferro alloys	14	11	3	—	—
5320 i&s primary forms	90	67	23	—	—
5330 i&s plates & sheets	108	84	24	—	—
5360 i&s bars & shapes	152	139	14	0	—
5370 i&s pipe & tube	173	158	15	—	—

CONSOLIDATED STATEMENT OF WATERBORNE COMMERCE OF THE PORT OF NEW YORK
Freight Traffic, 2016 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
5390 primary i&s nec	59	53	6	—	—
Subtotal primary non-ferrous metal products	2,271	1,753	480	38	—
5421 copper	112	97	15	—	—
5422 aluminum	311	285	26	0	—
5429 smelted prod. nec	264	52	212	—	—
5480 fab. metal products	1,584	1,318	228	38	—
Subtotal primary wood products	420	387	33	0	—
5540 primary wood prod.	420	387	33	0	—
Total food and farm products	10,914	9,127	1,786	1	0
Subtotal fish	515	497	19	0	0
6134 fish (not shellfish)	204	196	9	0	0
6136 shellfish	311	301	10	—	—
Subtotal grain	255	228	28	—	—
6241 wheat	10	10	0	—	—
6344 corn	25	5	20	—	—
6442 rice	214	211	3	—	—
6443 barley & rye	0	0	0	—	—
6445 oats	1	1	0	—	—
6447 sorghum grains	5	0	4	—	—
Subtotal oilseeds	531	70	461	—	—
6521 peanuts	3	3	0	—	—
6522 soybeans	460	25	435	—	—
6534 flaxseed	1	1	0	—	—
6590 oilseeds nec	68	41	26	—	—
Subtotal vegetable products	1,839	1,652	187	—	—
6653 vegetable oils	689	655	34	—	—
6654 vegetables & prod.	1,150	997	153	—	—
Subtotal processed grain and animal feed	646	318	328	0	—
6746 wheat flour	43	37	6	0	—
6747 grain mill products	313	229	85	0	—
6781 hay & fodder	2	1	1	—	—
6782 animal feed, prep.	288	51	237	—	—
Subtotal other agricultural products	7,127	6,363	763	1	0
6811 meat, fresh, frozen	146	62	84	—	—
6817 meat, prepared	32	25	7	—	—
6822 dairy products	270	188	81	0	—
6835 fish, prepared	112	108	5	0	—
6838 tallow, animal oils	8	6	2	—	—
6839 animals & prod. nec	87	33	54	0	—
6856 bananas & plantains	138	137	1	—	—
6857 fruit & nuts nec	488	447	41	—	—
6858 fruit juices	1,188	1,154	34	0	0
6861 sugar	127	122	5	—	—
6865 molasses	5	5	0	—	—
6871 coffee	391	385	5	—	0
6872 cocoa beans	322	300	21	—	—
6885 alcoholic beverages	1,928	1,842	86	0	—
6888 water & ice	231	228	3	—	—
6889 food products nec	1,457	1,163	294	0	0
6891 tobacco & products	22	12	10	—	—
6893 cotton	61	59	1	0	—
6894 natural fibers nec	35	33	3	—	—
6899 farm products nec	77	51	26	—	0
Total all manufactured equipment, machinery and products	14,185	10,727	3,438	19	2
7110 machinery (not elec)	1,396	985	411	0	—
7120 electrical machinery	1,472	1,223	249	0	—
7210 vehicles & parts	2,079	1,385	694	0	0
7220 aircraft & parts	23	4	18	0	—
7230 ships & boats	28	23	5	0	—
7300 ordnance & access.	24	22	2	—	—
7400 manufac. wood prod.	262	217	45	—	—
7500 textile products	2,393	1,955	422	17	0
7600 rubber & plastic pr.	1,789	1,486	302	1	—
7900 manufac. prod. nec	4,720	3,427	1,291	1	2
Total unknown or not elsewhere classified	2,290	1,450	840	0	0
9900 unknown or nec	2,290	1,450	840	0	0

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Total, all commodities	47,278	4,984	19,220	2,417	5,981	14,675
Total petroleum and petroleum products	38,539	2,809	17,232	209	5,842	12,448
Subtotal crude petroleum	1,833	525	—	201	—	1,107
2100 crude petroleum	1,833	525	—	201	—	1,107
Subtotal petroleum products	36,707	2,284	17,232	8	5,842	11,341
2211 gasoline	13,997	625	8,241	—	3,633	1,498
2221 kerosene	1,503	430	848	—	119	107
2330 distillate fuel oil	10,180	448	5,040	2	1,217	3,472
2340 residual fuel oil	10,285	383	2,938	6	872	6,087
2350 lube oil & greases	211	145	38	—	—	28
2429 naphtha & solvents	267	—	126	—	1	140
2430 asphalt, tar & pitch	239	239	—	—	—	—
2990 petro. products nec	24	15	—	—	—	9
Total chemicals and related products	2,934	137	1,986	74	42	695

CONSOLIDATED STATEMENT OF WATERBORNE COMMERCE OF THE PORT OF NEW YORK
Freight Traffic, 2016 - continued
(thousand short tons)

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Subtotal fertilizers	6	6	---	---	---	---
3120 phosphatic fert.	6	6	---	---	---	---
Subtotal other chemicals and related products	2,928	132	1,986	74	42	695
3220 alcohols	2,843	46	1,986	74	42	695
3230 carboxylic acids	7	7	---	---	---	---
3240 nitrogen func. comp.	2	2	---	---	---	---
3274 sodium hydroxide	76	76	---	---	---	---
3286 plastics	1	1	---	---	---	---
Total crude materials, inedible except fuels	3,376	780	---	1,563	35	998
Subtotal soil, sand, gravel, rock and stone	2,124	562	---	1,526	35	---
4310 building stone	113	---	---	79	33	---
4322 limestone	6	---	---	6	---	---
4331 sand & gravel	2,005	562	---	1,440	2	---
Subtotal iron ore and scrap	1,253	218	---	37	---	998
4420 iron & steel scrap	1,253	218	---	37	---	998
Total primary manufactured goods	863	272	2	571	---	18
Subtotal lime, cement and glass	863	272	2	571	---	18
5220 cement & concrete	847	256	2	571	---	18
5290 misc. mineral prod.	16	16	---	---	---	---
Total food and farm products	523	513	---	---	---	10
Subtotal vegetable products	10	---	---	---	---	10
6653 vegetable oils	10	---	---	---	---	10
Subtotal other agricultural products	513	513	---	---	---	---
6861 sugar	513	513	---	---	---	---
6889 food products nec	0	0	---	---	---	---
Total all manufactured equipment, machinery and products	246	---	1	---	---	245
7900 manufac. prod. nec	246	---	1	---	---	245
Total waste and scrap nec	797	472	---	---	63	262
8900 waste and scrap nec	797	472	---	---	63	262
Total unknown or not elsewhere classified	0	0	---	---	---	---
9900 unknown or nec	0	0	---	---	---	---

SUMMARY OF TRAFFIC TOTAL WATERBORNE COMMERCE OF THE PORT OF NEW YORK

Freight Traffic, 2016
(thousand short tons)

Locality	*Foreign/Canadian		Domestic				Total	Percent	Through Traffic
	Inbound	Outbound	Coastwise		Internal				
			Receipts	Shipmnts	Receipts	Intraport			
BAY RIDGE AND RED HOOK CHANNELS, NY	4	---	7	---	1	---	11	0.01	845
BRONX RIVER, NY	---	---	---	---	470	---	470	0.33	---
BUTTERMILK CHANNEL, NY	466	335	---	---	668	---	1,470	1.02	22,297
CHEESEQUAKE CREEK, NJ	---	---	---	---	---	---	---	0.00	---
CONEY ISLAND CHANNEL, NY	---	---	---	---	---	---	---	0.00	259
CONEY ISLAND CREEK, NY	---	---	---	---	---	---	---	0.00	---
EAST CHESTER CREEK, NY	---	---	194	---	231	---	425	0.30	---
EAST RIVER, NY	952	---	370	---	1,097	---	2,419	1.68	22,084
EAST ROCKAWAY INLET, NY	---	---	---	---	---	---	---	0.00	---
ECHO BAY HARBOR, NY	---	---	---	---	---	---	---	0.00	---
ELIZABETH RIVER, NJ	---	---	---	---	---	---	---	0.00	---
FLUSHING BAY AND CREEK, NY	---	---	46	---	1,038	---	1,084	0.75	---
GOWANUS CANAL, NY	---	---	---	---	172	---	172	0.12	---
GOWANUS CREEK CHANNEL, NY	---	---	206	---	467	---	673	0.47	172
GRAVESEND BAY, NY	97	---	---	22	62	---	181	0.13	---
GREAT KILLS HARBOR, STATEN ISLAND, NY	---	---	---	---	---	---	---	0.00	---
HACKENSACK RIVER, NJ	---	---	---	---	197	---	197	0.14	---
HARLEM RIVER, NY	---	---	---	---	---	---	---	0.00	---
HUDSON RIVER CHANNEL, NY AND NJ	---	3	---	---	171	---	174	0.12	13,505
HUDSON RIVER, NY (LOWER SECTION)	49	---	513	---	---	---	563	0.39	12,942
JAMAICA BAY, NY	---	---	62	---	749	---	811	0.56	---
KEYPORT HARBOR, NJ	---	---	---	---	---	---	---	0.00	---
LARCHMONT HARBOR, NY	---	---	---	---	---	---	---	0.00	---
LEMON CREEK, STATEN ISLAND, NY	---	---	---	---	---	---	---	0.00	---
LONG ISLAND SOUND AT CITY ISLAND, NY	---	---	---	---	---	---	---	0.00	---
MAMARONECK HARBOR, NY	---	---	---	---	---	---	---	0.00	---
MANHASSET BAY, NY	---	---	---	---	---	---	---	0.00	---

SUMMARY OF TRAFFIC TOTAL WATERBORNE COMMERCE OF THE PORT OF NEW YORK
Freight Traffic, 2016 - continued
(thousand short tons)

Locality	*Foreign/Canadian		Domestic				Total	Percent	Through Traffic
	Inbound	Outbound	Coastwise		Internal				
			Receipts	Shipmnts	Receipts Shipmnts	Intraport			
NEW ROCHELLE HARBOR, NY	---	---	---	---	---	---	0.00	---	
NEW YORK AND NEW JERSEY CHANNELS, NY AND NJ	35,097	2,919	2,800	18,786	14,719	4,309	78,631	54.70	39,306
NEWARK BAY, NJ (INCLUDED IN NEWARK BAY CONSOLIDATE	25,732	11,930	---	61	1,813	0	39,536	27.50	2,264
NEWTOWN CREEK, NY	---	---	---	---	1,003	---	1,003	0.70	---
PASSAIC RIVER, NJ	0	18	527	12	1,868	2	2,427	1.69	---
PORT CHESTER HARBOR, NY	---	---	---	---	54	---	54	0.04	---
RAHWAY RIVER, NJ	---	---	---	---	---	---	---	0.00	---
RARITAN RIVER TO ARTHUR KILL CUT OFF CHANNEL, NJ	---	---	---	---	---	---	---	0.00	538
RARITAN RIVER, NJ (INCLUDED IN PORT OF NEW YORK)	---	---	31	214	352	---	597	0.42	---
SANDY HOOK BAY AT LEONARDO, NJ	---	---	---	---	---	---	---	0.00	---
SANDY HOOK BAY, NJ	---	---	---	---	---	---	---	0.00	---
SHEEPSHEAD BAY, NY	---	---	---	---	---	---	---	0.00	---
SHOAL HARBOR AND COMPTON CREEK, NJ	---	---	---	---	---	---	---	0.00	---
UPPER BAY, NEW YORK HARBOR, NY AND NJ	6,009	2,507	228	125	3,882	0	12,752	8.87	81,766
WALLABOUT CHANNEL, NY	---	---	---	---	---	---	---	0.00	---
WAYCAKE CREEK, NJ	---	---	---	---	---	---	---	0.00	---
WESTCHESTER CREEK, NY	---	---	---	---	112	---	112	0.08	---
TOTAL (UNADJUSTED)	68,407	17,712	4,984	19,220	29,125	4,312	143,760	---	---
PERCENT (UNADJUSTED)	47.58	12.32	3.47	13.37	20.26	3.00	---	100.00	---
NET VOLUME OF TONNAGE FOR THE AREA	68,407	17,712	4,984	19,220	8,398	14,675	133,397	---	---
PERCENT (ADJUSTED)	51.28	13.28	3.74	14.41	6.30	11.00	---	100.00	---

*Total includes overseas Foreign and Canadian Tonnage. For a breakdown, see the individual tables.

HUDSON RIVER, NY, MOUTH OF SPUYTEN DUYVIL CREEK (HARLEM RIVER) TO WATERFORD, NY

Section Included: Mouth of Spuyten Duyvil Creek (Harlem River) to Waterford, NY. Controlling Depth: 32 feet mean low water from New York City to 1,500 feet south of north limit of 32-foot project; thence 14 feet to head of project at Waterford, NY. Project Depth: 34 feet in rock and 32 feet in soft material mean low water from New York City to Albany; 14 feet lowest low water to Waterford. Project Length: about 155 miles, Navigation Season: Lower section: 12 months. Upper Section: For barges 8 months, for oceangoing vessels 12 months.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	15,642	2010	13,498	2013	16,742	2016	14,099
2008	15,924	2011	12,243	2014	17,265		
2009	13,791	2012	13,333	2015	17,001		

Freight Traffic, 2016 (thousand short tons)

Commodity	Total	Foreign	
		Inbound	Outbound
Total, all commodities	1,841	1,452	389
Total petroleum and petroleum products	80	80	---
Subtotal petroleum products	80	80	---
2429 naphtha & solvents	6	6	---
2540 petroleum coke	63	63	---
2640 hydrocarbon & petrol gases, liquefied and aeseous	11	11	---
Total chemicals and related products	110	110	---
Subtotal fertilizers	28	28	---
3110 nitrogenous fert.	28	28	---
Subtotal other chemicals and related products	82	82	---
3276 metallic salts	82	82	---
3299 chem. products nec	0	0	---
Total crude materials, inedible except fuels	684	480	204
Subtotal pulp and waste paper	45	45	---
4225 pulp & waste paper	45	45	---
Subtotal soil, sand, gravel, rock and stone	110	110	---
4323 gypsum	110	110	---
Subtotal iron ore and scrap	204	---	204
4420 iron & steel scrap	204	---	204
Subtotal non-ferrous ores and scrap	7	7	---
4650 aluminum ore	7	7	---
Subtotal sulphur, clay and salt	304	304	---
4783 salt	304	304	---
Subtotal slag	15	15	---
4860 slag	15	15	---
Total primary manufactured goods	680	680	---

HUDSON RIVER, NY, MOUTH OF SPUYTEN DUYVIL CREEK (HARLEM RIVER) TO WATERFORD, NY
Freight Traffic, 2016 - continued
(thousand short tons)

Commodity	Total	Foreign	
		Inbound	Outbound
Subtotal lime, cement and glass	677	677	—
5220 cement & concrete	677	677	—
Subtotal primary iron and steel products	3	3	—
5370 i&s pipe & tube	3	3	—
Subtotal primary non-ferrous metal products	0	0	—
5480 fab. metal products	0	0	—
Subtotal primary wood products	0	0	—
5540 primary wood prod.	0	0	—
Total food and farm products	270	84	186
Subtotal grain	221	35	186
6241 wheat	151	—	151
6344 corn	70	35	35
Subtotal other agricultural products	49	49	—
6861 sugar	30	30	—
6871 coffee	19	19	—
Total all manufactured equipment, machinery and products	14	14	—
7110 machinery (not elec)	8	8	—
7120 electrical machinery	6	6	—
7900 manufac. prod. nec	0	0	—
Total unknown or not elsewhere classified	3	3	—
9900 unknown or nec	3	3	—
Ton-miles (x1000)	216,520	167,065	49,455

Foreign

Commodity	Total	Coastwise		
		Receipts	Shipments	Through Downbnd
Total, all commodities	3,286	1,752	1,470	64
Total petroleum and petroleum products	1,257	721	536	—
Subtotal crude petroleum	520	—	520	—
2100 crude petroleum	520	—	520	—
Subtotal petroleum products	737	721	17	—
2211 gasoline	348	332	17	—
2221 kerosene	28	28	—	—
2330 distillate fuel oil	157	157	—	—
2340 residual fuel oil	42	42	—	—
2430 asphalt, tar & pitch	162	162	—	—
Total chemicals and related products	623	—	623	—
Subtotal other chemicals and related products	623	—	623	—
3220 alcohols	623	—	623	—
Total crude materials, inedible except fuels	841	518	259	64
Subtotal soil, sand, gravel, rock and stone	841	518	259	64
4310 building stone	73	—	19	54
4323 gypsum	471	471	—	—
4331 sand & gravel	297	47	240	10
Total primary manufactured goods	52	—	52	—
Subtotal lime, cement and glass	52	—	52	—
5220 cement & concrete	38	—	38	—
5240 glass & glass prod.	14	—	14	—
Total food and farm products	513	513	—	—
Subtotal other agricultural products	513	513	—	—
6861 sugar	513	513	—	—
Ton-miles (x1000)	271,205	100,947	169,428	830

Coastwise

Commodity	Total	Internal					
		Inbound		Outbound		Through	
		Upbound	Downbnd	Downbnd	Downbnd	Upbound	Downbnd
Total, all commodities	8,972	5,961	4	2,346	71	12	578
Total petroleum and petroleum products	6,049	5,821	—	209	—	12	6
Subtotal crude petroleum	201	—	—	201	—	—	—
2100 crude petroleum	201	—	—	201	—	—	—
Subtotal petroleum products	5,848	5,821	—	8	—	12	6
2211 gasoline	3,623	3,612	—	—	—	8	3
2221 kerosene	122	119	—	—	—	—	4
2330 distillate fuel oil	1,223	1,217	—	2	—	4	—
2340 residual fuel oil	878	872	—	6	—	—	—
2429 naphtha & solvents	1	1	—	—	—	—	—
Total chemicals and related products	296	42	—	74	—	—	180
Subtotal other chemicals and related products	296	42	—	74	—	—	180
3220 alcohols	296	42	—	74	—	—	180
Total crude materials, inedible except fuels	1,994	35	4	1,492	71	—	391
Subtotal soil, sand, gravel, rock and stone	1,957	35	4	1,455	71	—	391
4310 building stone	117	33	4	10	69	—	—
4322 limestone	6	—	—	6	—	—	—
4331 sand & gravel	1,833	2	—	1,439	1	—	391
Subtotal iron ore and scrap	37	—	—	37	—	—	—
4420 iron & steel scrap	37	—	—	37	—	—	—
Total primary manufactured goods	571	—	—	571	—	—	—
Subtotal lime, cement and glass	571	—	—	571	—	—	—

HUDSON RIVER, NY, MOUTH OF SPUYTEN DUYPIL CREEK (HARLEM RIVER) TO WATERFORD, NY
 Freight Traffic, 2016 - continued
 (thousand short tons)

Commodity	Total	Internal					
		Inbound		Outbound	Through	Intra	
		Upbound	Downbnd	Downbnd	Downbnd	Upbound	Downbnd
5220 cement & concrete	571	—	—	571	—	—	—
Total waste and scrap nec	63	63	—	—	—	—	—
8900 waste and scrap nec	63	63	—	—	—	—	—
Ton-miles (x1000)	783,787	570,568	179	187,266	922	346	24,506
Internal							
Tons All Traffic (x1000)	14,099						
Ton-miles All Traffic (x1000)	1,271,511						
Total Trip-ton-miles Internal and Intraport (x1000)	1,042,394						

HUDSON RIVER, NY, DEEPWATER IN UPPER BAY, NY TO WATERFORD, NY (CONSOLIDATED REPORT)

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	16,463	2010	14,094	2013	17,017	2016	14,274
2008	16,589	2011	12,684	2014	17,509		
2009	14,525	2012	13,654	2015	17,201		

Freight Traffic, 2016 (thousand short tons)

Commodity	Total	Foreign	
		Inbound	Outbound
Total, all commodities	1,844	1,452	392
Total petroleum and petroleum products	81	80	0
Subtotal petroleum products	81	80	0
2350 lube oil & greases	0	—	0
2429 naphtha & solvents	6	6	—
2540 petroleum coke	63	63	—
2640 hydrocarbon & petrol gases, liquefied and gaseous	11	11	—
Total chemicals and related products	110	110	0
Subtotal fertilizers	28	28	—
3110 nitrogenous fert.	28	28	—
Subtotal other chemicals and related products	82	82	0
3276 metallic salts	82	82	—
3284 medicines	0	—	0
3285 perfumes & cleansers	0	—	0
3299 chem. products nec	0	0	—
Total crude materials, inedible except fuels	684	480	204
Subtotal forest products, wood and chips	0	—	0
4150 fuel wood	0	—	0
Subtotal pulp and waste paper	45	45	0
4225 pulp & waste paper	45	45	0
Subtotal soil, sand, gravel, rock and stone	110	110	—
4323 gypsum	110	110	—
Subtotal iron ore and scrap	204	—	204
4420 iron & steel scrap	204	—	204
Subtotal non-ferrous ores and scrap	7	7	0
4650 aluminum ore	7	7	—
4680 non-ferrous scrap	0	—	0
Subtotal sulphur, clay and salt	304	304	—
4783 salt	304	304	—
Subtotal slag	15	15	—
4860 slag	15	15	—
Total primary manufactured goods	680	680	0
Subtotal paper products	0	—	0
5190 paper products nec	0	—	0
Subtotal lime, cement and glass	677	677	—
5220 cement & concrete	677	677	—
Subtotal primary iron and steel products	3	3	—
5370 i&s pipe & tube	3	3	—
Subtotal primary non-ferrous metal products	1	0	0
5429 smelted prod. nec	0	—	0
5480 fab. metal products	0	0	0
Subtotal primary wood products	0	0	—
5540 primary wood prod.	0	0	—
Total food and farm products	270	84	186
Subtotal fish	0	—	0
6134 fish (not shellfish)	0	—	0
Subtotal grain	221	35	186
6241 wheat	151	—	151
6344 corn	70	35	35
Subtotal vegetable products	0	—	0
6654 vegetables & prod.	0	—	0
Subtotal processed grain and animal feed	0	—	0
6747 grain mill products	0	—	0
Subtotal other agricultural products	50	49	0
6811 meat, fresh, frozen	0	—	0
6839 animals & prod. nec	0	—	0
6861 sugar	30	30	—
6871 coffee	19	19	—
6889 food products nec	0	—	0
Total all manufactured equipment, machinery and products	15	14	1

HUDSON RIVER, NY, DEEPWATER IN UPPER BAY, NY TO WATERFORD, NY (CONSOLIDATED REPORT)
Freight Traffic, 2016 - continued
(thousand short tons)

Commodity	Total	Foreign	
		Inbound	Outbound
7110 machinery (not elec)	8	8	0
7120 electrical machinery	6	6	0
7210 vehicles & parts	0	—	0
7220 aircraft & parts	0	—	0
7500 textile products	0	—	0
7600 rubber & plastic pr.	0	—	0
7900 manufac. prod. nec	0	0	0
Total unknown or not elsewhere classified	4	3	1
9900 unknown or nec	4	3	1
Ton-miles (x1000)	240,471	185,936	54,535

Commodity	Total	Coastwise		
		Receipts	Shipments	Through Downbnd
Total, all commodities	3,286	1,752	1,470	64
Total petroleum and petroleum products	1,257	721	536	—
Subtotal crude petroleum	520	—	520	—
2100 crude petroleum	520	—	520	—
Subtotal petroleum products	737	721	17	—
2211 gasoline	348	332	17	—
2221 kerosene	28	28	—	—
2330 distillate fuel oil	157	157	—	—
2340 residual fuel oil	42	42	—	—
2430 asphalt, tar & pitch	162	162	—	—
Total chemicals and related products	623	—	623	—
Subtotal other chemicals and related products	623	—	623	—
3220 alcohols	623	—	623	—
Total crude materials, inedible except fuels	841	518	259	64
Subtotal soil, sand, gravel, rock and stone	841	518	259	64
4310 building stone	73	—	19	54
4323 gypsum	471	471	—	—
4331 sand & gravel	297	47	240	10
Total primary manufactured goods	52	—	52	—
Subtotal lime, cement and glass	52	—	52	—
5220 cement & concrete	38	—	38	—
5240 glass & glass prod.	14	—	14	—
Total food and farm products	513	513	—	—
Subtotal other agricultural products	513	513	—	—
6861 sugar	513	513	—	—
Ton-miles (x1000)	313,922	123,727	188,535	1,660

Commodity	Total	Internal					
		Inbound		Outbound	Through	Intra	
		Upbound	Downbnd	Downbnd	Downbnd	Upbound	Downbnd
Total, all commodities	9,144	6,043	4	2,435	71	12	578
Total petroleum and petroleum products	6,137	5,904	—	214	—	12	6
Subtotal crude petroleum	201	—	—	201	—	—	—
2100 crude petroleum	201	—	—	201	—	—	—
Subtotal petroleum products	5,936	5,904	—	13	—	12	6
2211 gasoline	3,625	3,614	—	—	—	8	3
2221 kerosene	122	119	—	—	—	—	4
2330 distillate fuel oil	1,223	1,217	—	2	—	4	—
2340 residual fuel oil	958	952	—	6	—	—	—
2350 lube oil & greases	1	1	—	0	—	—	—
2429 naphtha & solvents	1	1	—	—	—	—	—
2990 petro. products nec	6	—	—	6	—	—	—
Total chemicals and related products	296	42	—	74	—	—	180
Subtotal other chemicals and related products	296	42	—	74	—	—	180
3220 alcohols	296	42	—	74	—	—	180
Total crude materials, inedible except fuels	1,994	35	4	1,492	71	—	391
Subtotal soil, sand, gravel, rock and stone	1,957	35	4	1,455	71	—	391
4310 building stone	117	33	4	10	69	—	—
4322 limestone	6	—	—	6	—	—	—
4331 sand & gravel	1,833	2	—	1,439	1	—	391
Subtotal iron ore and scrap	37	—	—	37	—	—	—
4420 iron & steel scrap	37	—	—	37	—	—	—
Total primary manufactured goods	571	—	—	571	—	—	—
Subtotal lime, cement and glass	571	—	—	571	—	—	—
5220 cement & concrete	571	—	—	571	—	—	—
Total waste and scrap nec	146	63	—	83	—	—	—
8900 waste and scrap nec	146	63	—	83	—	—	—
Ton-miles (x1000)	893,362	648,190	179	218,298	1,844	346	24,506
Internal							
Tons All Traffic (x1000)	14,274						
Ton-miles All Traffic (x1000)	1,447,755						
Total Trip-ton-miles Internal and Intraport (x1000)	1,044,934						

PORT OF ALBANY, NY (INCLUDED IN STATISTICS FOR HUDSON RIVER)

Section Included: From the southerly end of Cabbage Island or Island Creek to the northerly limits of the cities of Rensselaer and Albany. Controlling Depth: 32 feet mean low water from the southerly end of Cabbage Island to 4,500 feet south of north limit of 32-foot project; thence 27 feet to north limit of 32-foot project; thence 14 feet to Waterford. Project Depth: 34 feet in rock and 32 feet in soft material to a point about 2,200 feet south of Dunn Memorial Bridge; thence 27 feet deep and 400 feet wide to 900 feet south of the Mall Dunn Bridge; thence 14 feet to Waterford. All at mean low water except from Albany to Troy Lock and Dam which is at lowest low water. Navigation Season: For barges, 8 months; for oceangoing vessels, 12 months.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	7,143	2010	6,810	2013	11,021	2016	6,656
2008	7,556	2011	5,726	2014	10,247		
2009	7,178	2012	7,514	2015	9,604		

Freight Traffic, 2016 (thousand short tons)

Commodity	Grand Total	Foreign		Domestic					
		Inbound	Outbound	Total	Coastwise		Internal		
					Receipts	Shipments	Receipts	Shipments	Intraport
Total, all commodities	6,656	441	353	5,861	607	1,160	3,587	457	51
Total petroleum and petroleum products	4,908	80	---	4,828	607	536	3,469	203	12
Subtotal crude petroleum	720	---	---	720	---	520	---	201	---
2100 crude petroleum	720	---	---	720	---	520	---	201	---
Subtotal petroleum products	4,188	80	---	4,108	607	17	3,469	3	12
2211 gasoline	2,723	---	---	2,723	283	17	2,413	3	8
2221 kerosene	141	---	---	141	28	---	110	---	4
2330 distillate fuel oil	877	---	---	877	139	---	738	---	---
2340 residual fuel oil	233	---	---	233	25	---	207	---	---
2429 naphtha & solvents	7	6	---	1	---	---	1	---	---
2430 asphalt, tar & pitch	133	---	---	133	133	---	---	---	---
2540 petroleum coke	63	63	---	---	---	---	---	---	---
2640 hydrocarbon & petrol gases, liquefied and gaseous	11	11	---	---	---	---	---	---	---
Total chemicals and related products	1,021	110	---	911	---	623	33	216	39
Subtotal fertilizers	28	28	---	---	---	---	---	---	---
3110 nitrogenous fert.	28	28	---	---	---	---	---	---	---
Subtotal other chemicals and related products	993	82	---	911	---	623	33	216	39
3220 alcohols	911	---	---	911	---	623	33	216	39
3276 metallic salts	82	82	---	---	---	---	---	---	---
3299 chem. products nec	0	0	---	---	---	---	---	---	---
Total crude materials, inedible except fuels	463	235	168	60	---	---	22	37	---
Subtotal pulp and waste paper	45	45	---	---	---	---	---	---	---
4225 pulp & waste paper	45	45	---	---	---	---	---	---	---
Subtotal soil, sand, gravel, rock and stone	22	---	---	22	---	---	22	---	---
4310 building stone	21	---	---	21	---	---	21	---	---
4331 sand & gravel	2	---	---	2	---	---	2	---	---
Subtotal iron ore and scrap	205	---	168	37	---	---	---	37	---
4420 iron & steel scrap	205	---	168	37	---	---	---	37	---
Subtotal non-ferrous ores and scrap	7	7	---	---	---	---	---	---	---
4650 aluminum ore	7	7	---	---	---	---	---	---	---
Subtotal sulphur, clay and salt	184	184	---	---	---	---	---	---	---
4783 salt	184	184	---	---	---	---	---	---	---
Total primary manufactured goods	0	0	---	---	---	---	---	---	---
Subtotal primary non-ferrous metal products	0	0	---	---	---	---	---	---	---
5480 fab. metal products	0	0	---	---	---	---	---	---	---
Total food and farm products	186	---	186	---	---	---	---	---	---
Subtotal grain	186	---	186	---	---	---	---	---	---
6241 wheat	151	---	151	---	---	---	---	---	---
6344 corn	35	---	35	---	---	---	---	---	---
Total all manufactured equipment, machinery and products	13	13	---	---	---	---	---	---	---
7110 machinery (not elec)	7	7	---	---	---	---	---	---	---
7120 electrical machinery	6	6	---	---	---	---	---	---	---
7900 manufac. prod. nec	0	0	---	---	---	---	---	---	---
Total waste and scrap nec	63	---	---	63	---	---	63	---	---
8900 waste and scrap nec	63	---	---	63	---	---	63	---	---
Total unknown or not elsewhere classified	2	2	---	---	---	---	---	---	---
9900 unknown or nec	2	2	---	---	---	---	---	---	---

HEMPSTEAD HARBOR, NY

Section Included: From Long Island Sound to Roslyn Town Wharf. Controlling Depth: 6 feet from entrance of bar beach to 2,750 feet above entrance, thence 6 feet to 0.0 feet to head of project. Project Depth: 13 feet and 6 feet. All at mean low water. Project Length: 2.3 miles.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	1,051	2010	870	2013	693	2016	879
2008	1,025	2011	827	2014	841		
2009	684	2012	747	2015	1,073		

Freight Traffic, 2016 (thousand short tons)

Commodity	Grand Total*	Domestic		
		Coastwise		Internal
		Receipts	Shipments	Shipments
Total, all commodities	790	292	496	1
Total petroleum and petroleum products	256	256	---	---
Subtotal petroleum products	256	256	---	---
2211 gasoline	256	256	---	---
Total chemicals and related products	37	37	---	---
Subtotal other chemicals and related products	37	37	---	---
3220 alcohols	37	37	---	---
Total crude materials, inedible except fuels	497	---	496	1
Subtotal soil, sand, gravel, rock and stone	497	---	496	1
4331 sand & gravel	497	---	496	1

*Does not include 89,727 tons of through traffic.

PORT JEFFERSON HARBOR, NY

Section Included: From deep water in Long Island Sound to Port Jefferson Harbor, thence to village of Port Jefferson. Controlling Depth: 27 feet, turning basin 11 feet. Project Depth: 40 feet in entrance channel, 30 feet in turning basin, all at mean low water. Project Length: 2.3 miles.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	1,406	2010	1,121	2013	1,438	2016	1,127
2008	1,271	2011	1,222	2014	1,194		
2009	1,955	2012	1,249	2015	1,098		

Freight Traffic, 2016 (thousand short tons)

Commodity	Grand Total	Domestic
		Coastwise Receipts
Total, all commodities	1,127	1,127
Total petroleum and petroleum products	785	785
Subtotal petroleum products	785	785
2211 gasoline	559	559
2221 kerosene	15	15
2330 distillate fuel oil	154	154
2340 residual fuel oil	54	54
2429 naphtha & solvents	4	4
Total chemicals and related products	75	75
Subtotal other chemicals and related products	75	75
3220 alcohols	75	75
Total crude materials, inedible except fuels	266	266
Subtotal soil, sand, gravel, rock and stone	266	266
4331 sand & gravel	266	266

Other Harbors and Waterways 2016

Harbor or Waterway Project	Commodity	Thousand Short Tons
BROWNS CREEK, NY	7110 machinery (not elec)	0
	7210 vehicles & parts	0
	7600 rubber & plastic pr.	0
	8900 waste and scrap nec	1
	Total Tons(x1000)	2
	Total Ton-miles(x1000)	2
	Total Trip-ton-miles Internal and Intraport (x1000)	23
BURLINGTON HARBOR, VT	No Commerce Reported	
CHEESEQUAKE CREEK, NJ (INCLUDED IN PORT OF NEW YORK)	No Commerce Reported	
CONEY ISLAND CREEK, NY (INCLUDED IN PORT OF NEW YORK)	No Commerce Reported	
EAST ROCKAWAY INLET, NY (DEBS INLET) (INCLUDED IN PORT OF NEW YORK)	No Commerce Reported	
ECHO BAY HARBOR, NY (INCLUDED IN PORT OF NEW YORK)	No Commerce Reported	
ELIZABETH RIVER, NJ (INCLUDED IN PORT OF NEW YORK)	No Commerce Reported	
FIRE ISLAND INLET, NY	No Commerce Reported	
GLEN COVE CREEK, NY	4310 building stone	59
	4331 sand & gravel	32
	Total Tons(x1000)	91
	Total Ton-miles(x1000)	91
	Total Trip-ton-miles Internal and Intraport (x1000)	3
GLEN COVE HARBOR, NY	No Commerce Reported	
GREAT KILLS HARBOR, STATEN ISLAND, NY (INCLUDED IN PORT OF NEW YORK)	No Commerce Reported	
GREAT SOUTH BAY, NY (INCLUDING STATISTICS FOR PATCHOQUE RIVER, NY)	7110 machinery (not elec)	0
	7210 vehicles & parts	0
	7600 rubber & plastic pr.	0
	8900 waste and scrap nec	1
	Total Tons(x1000)	2
	Total Ton-miles(x1000)	20
	Total Trip-ton-miles Internal and Intraport (x1000)	23
GREENPORT HARBOR, NY	No Commerce Reported	
HACKENSACK RIVER, NJ (INCLUDED IN PORT OF NEW YORK)	2330 distillate fuel oil	9
	2340 residual fuel oil	9
	8900 waste and scrap nec	179
	Total Tons(x1000)	197
	Total Ton-miles(x1000)	2,002
	Total Trip-ton-miles Internal and Intraport (x1000)	2,555
HARLEM RIVER, NY (INCLUDED IN PORT OF NEW YORK)	No Commerce Reported	
HUNTINGTON HARBOR, NY	No Commerce Reported	
JONES INLET, NY	No Commerce Reported	
KEYPORT HARBOR, NJ (INCLUDED IN PORT OF NEW YORK)	No Commerce Reported	
LAKE MONTAUK HARBOR, NY	No Commerce Reported	
LARCHMONT HARBOR, NY (INCLUDED IN PORT OF NEW YORK)	No Commerce Reported	
LEMON CREEK, STATEN ISLAND, NY (INCLUDED IN PORT OF NEW YORK)	No Commerce Reported	
LONG ISLAND INTRACOASTAL WATERWAY, NY	No Commerce Reported	
MAMARONECK HARBOR, NY (INCLUDED IN PORT OF NEW YORK)	No Commerce Reported	
MANHASSET BAY, NY (INCLUDED IN PORT OF NEW YORK)	No Commerce Reported	
MATTITUCK HARBOR, NY	No Commerce Reported	
NARROWS OF LAKE CHAMPLAIN, NY AND VT	No Commerce Reported	
NEW ROCHELLE HARBOR, NY (INCLUDED IN PORT OF NEW YORK)	No Commerce Reported	
NORTHPORT HARBOR, NY	No Commerce Reported	
OROWOC CREEK, NY	No Commerce Reported	
PATCHOGUE RIVER, NY (INCLUDED IN STATISTICS FOR GREAT SOUTH BAY, NY)	No Commerce Reported	
PECONIC RIVER, NY	No Commerce Reported	
PEEKSKILL HARBOR, NY (INCLUDED IN STATISTICS FOR HUDSON RIVER)	No Commerce Reported	

Other Harbors and Waterways 2016 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
PORT CHESTER HARBOR, NY (INCLUDED IN PORT OF NEW YORK)	2330 distillate fuel oil	3
	2340 residual fuel oil	52
	Total Tons(x1000)	54
	Total Ton-miles(x1000)	54
PORT HENRY HARBOR, NY RAHWAY RIVER, NJ (INCLUDED IN PORT OF NEW YORK)	Total Trip-ton-miles Internal and Intraport (x1000)	3,125
	No Commerce Reported No Commerce Reported	
RONDOUT HARBOR, NY (INCLUDED IN STATISTICS FOR HUDSON RIVER)	2211 gasoline	4
	Total Tons(x1000)	4
ROUSES POINT, NY	No Commerce Reported	
SAG HARBOR, NY	No Commerce Reported	
SANDY HOOK BAY AT LEONARDO, NJ (INCLUDED IN PORT OF NEW YORK)	No Commerce Reported	
SANDY HOOK BAY, NJ	No Commerce Reported	
SANDY HOOK CHANNEL, NY	No Commerce Reported	
SAUGERTIES HARBOR, NY (INCLUDED IN STATISTICS FOR HUDSON RIVER)	No Commerce Reported	
SHARK RIVER, NJ	No Commerce Reported	
SHEEPSHEAD BAY, NY	No Commerce Reported	
SHINNECOCK INLET, NY	No Commerce Reported	
SHOAL HARBOR AND COMPTON CREEK, NJ (INCLUDED IN PORT OF NEW YORK)	No Commerce Reported	
SHREWSBURY RIVER, NJ	No Commerce Reported	
TARRYTOWN HARBOR, NY (INCLUDED IN STATISTICS FOR HUDSON RIVER)	4331 sand & gravel	62
	Total Tons(x1000)	62
WALLABOUT CHANNEL, NY (INCLUDED IN PORT OF NEW YORK)	No Commerce Reported	

DELAWARE RIVER BETWEEN PHILADELPHIA, PA, AND TRENTON, NJ

Section Included: Allegheny Ave., Philadelphia, PA, to Trenton, NJ 30.5 miles and an auxiliary channel east of Burlington Island extending from the main channel to the upper end of United States Pipe & Foundry Co. At East Burlington, 1.4 miles. Controlling Depth in middle half of channel to U. S. Steel Co: Nov. 1989, 39.1 feet, 23.5 miles to the upper end of Newbold Island in Nov. 1989, 15.6 feet, 0.5 miles; in July 1988, 11.4 feet to Trenton Marine Terminal, 5.2 miles; and in July 1988, 10.7 feet to the Pennsylvania Railroad Bridge at Trenton 1.3 miles. Auxiliary Channel Burlington Island in January 1985, 8.2 feet. Project Depth: 40 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	9,090	2010	7,078	2013	7,395	2016	7,289
2008	8,781	2011	7,406	2014	9,190		
2009	6,559	2012	8,277	2015	7,713		

Freight Traffic, 2016 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
Total, all commodities	3,662	2,645	664	293	60
Total coal	159	13	86	—	60
1100 coal & lignite	159	13	86	—	60
Total petroleum and petroleum products	514	269	210	35	—
Subtotal petroleum products	514	269	210	35	—
2330 distillate fuel oil	340	188	117	35	—
2340 residual fuel oil	34	34	—	—	—
2350 lube oil & greases	12	—	12	—	—
2410 petro. jelly & waxes	29	29	—	—	—
2429 naphtha & solvents	18	18	—	—	—
2540 petroleum coke	81	—	81	—	—
Total chemicals and related products	356	342	15	—	—
Subtotal fertilizers	320	320	—	—	—
3110 nitrogenous fert.	304	304	—	—	—
3120 phosphatic fert.	16	16	—	—	—
Subtotal other chemicals and related products	36	22	15	—	—
3211 acyclic hydrocarbons	6	—	6	—	—
3219 other hydrocarbons	3	—	3	—	—
3220 alcohols	6	2	3	—	—
3230 carboxylic acids	12	12	—	—	—
3260 organic comp. nec	2	—	2	—	—
3272 sulphuric acid	0	—	0	—	—
3275 inorg. elem., oxides, & halogen salts	5	5	—	—	—
3282 pigments & paints	0	0	—	—	—
3284 medicines	0	0	0	—	—
3286 plastics	0	0	0	—	—
3292 starches, gluten, glue	0	0	—	—	—
3299 chem. products nec	2	2	—	—	—
Total crude materials, inedible except fuels	1,720	1,115	346	259	—
Subtotal forest products, wood and chips	2	2	—	—	—
4189 lumber	2	2	—	—	—
4190 forest products nec	0	0	—	—	—
Subtotal pulp and waste paper	410	410	—	—	—
4225 pulp & waste paper	410	410	—	—	—
Subtotal soil, sand, gravel, rock and stone	390	131	—	259	—
4323 gypsum	390	131	—	259	—
Subtotal iron ore and scrap	355	9	346	—	—
4410 iron ore	9	9	—	—	—
4420 iron & steel scrap	346	0	346	—	—
Subtotal non-ferrous ores and scrap	2	2	—	—	—
4650 aluminum ore	2	2	—	—	—
Subtotal sulphur, clay and salt	431	431	—	—	—
4783 salt	431	431	—	—	—
Subtotal slag	97	97	—	—	—
4860 slag	97	97	—	—	—
Subtotal other non-metal. min.	33	33	—	—	—
4900 non-metal. min. nec	33	33	—	—	—
Total primary manufactured goods	808	808	1	—	—
Subtotal paper products	0	0	—	—	—
5120 paper & paperboard	0	0	—	—	—
Subtotal lime, cement and glass	401	401	0	—	—
5220 cement & concrete	398	398	—	—	—
5240 glass & glass prod.	3	3	—	—	—
5290 misc. mineral prod.	0	0	0	—	—
Subtotal primary iron and steel products	389	388	1	—	—
5320 i&s primary forms	41	40	1	—	—
5330 i&s plates & sheets	74	74	—	—	—
5360 i&s bars & shapes	165	165	—	—	—
5370 i&s pipe & tube	108	108	—	—	—
5390 primary i&s nec	2	2	—	—	—
Subtotal primary non-ferrous metal products	18	18	0	—	—
5421 copper	0	0	—	—	—
5422 aluminum	0	0	—	—	—
5429 smelted prod. nec	0	0	—	—	—
5480 fab. metal products	18	17	0	—	—
Total food and farm products	72	72	—	—	—
Subtotal fish	0	0	—	—	—
6134 fish (not shellfish)	0	0	—	—	—
Subtotal vegetable products	0	0	—	—	—
6653 vegetable oils	0	0	—	—	—
6654 vegetables & prod.	0	0	—	—	—
Subtotal processed grain and animal feed	0	0	—	—	—
6747 grain mill products	0	0	—	—	—

DELAWARE RIVER BETWEEN PHILADELPHIA, PA, AND TRENTON, NJ
Freight Traffic, 2016 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
Subtotal other agricultural products	72	72	---	---	---
6811 meat, fresh, frozen	0	0	---	---	---
6822 dairy products	0	0	---	---	---
6835 fish, prepared	0	0	---	---	---
6858 fruit juices	0	0	---	---	---
6861 sugar	70	70	---	---	---
6872 cocoa beans	2	2	---	---	---
6885 alcoholic beverages	0	0	---	---	---
6889 food products nec	0	0	---	---	---
Total all manufactured equipment, machinery and products	28	22	6	---	---
7110 machinery (not elec)	12	12	1	---	---
7120 electrical machinery	5	5	0	---	---
7210 vehicles & parts	5	1	3	---	---
7220 aircraft & parts	0	0	---	---	---
7230 ships & boats	0	0	0	---	---
7400 manufac. wood prod.	0	0	0	---	---
7500 textile products	1	1	---	---	---
7600 rubber & plastic pr.	0	0	---	---	---
7900 manufac. prod. nec	5	3	1	---	---
Total unknown or not elsewhere classified	5	5	0	---	---
9900 unknown or nec	5	5	0	---	---
Ton-miles (x1000)	74,314	51,574	16,690	4,141	1,910
Foreign & Canadian					

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Inbound Upbound	Outbound Downbnd	Intra Upbound
Total, all commodities	3,627	478	269	1,604	1,246	29
Total coal	43	---	43	---	---	---
1100 coal & lignite	43	---	43	---	---	---
Total petroleum and petroleum products	1,783	70	59	993	635	27
Subtotal petroleum products	1,783	70	59	993	635	27
2211 gasoline	291	---	28	264	---	---
2221 kerosene	249	---	---	249	---	---
2330 distillate fuel oil	160	39	12	79	23	8
2340 residual fuel oil	1,045	31	19	363	613	19
2350 lube oil & greases	38	---	---	38	---	---
Total chemicals and related products	1,552	408	152	472	517	2
Subtotal fertilizers	71	71	---	---	---	---
3110 nitrogenous fert.	71	71	---	---	---	---
Subtotal other chemicals and related products	1,480	337	152	472	517	2
3219 other hydrocarbons	812	337	---	472	---	2
3220 alcohols	403	---	---	---	403	---
3260 organic comp. nec	266	---	152	---	114	---
Total crude materials, inedible except fuels	14	---	14	---	---	---
Subtotal slag	14	---	14	---	---	---
4860 slag	14	---	14	---	---	---
Total primary manufactured goods	5	---	---	0	5	---
Subtotal primary iron and steel products	0	---	---	0	0	---
5370 i&s pipe & tube	0	---	---	0	0	---
Subtotal primary non-ferrous metal products	5	---	---	---	5	---
5480 fab. metal products	5	---	---	---	5	---
Total all manufactured equipment, machinery and products	230	---	1	139	90	---
7110 machinery (not elec)	0	---	---	0	0	---
7900 manufac. prod. nec	229	---	1	139	89	---
Ton-miles (x1000)	13,479	2,957	2,199	6,031	2,067	224
Domestic						

Tons All Traffic (x1000) 7,289
Ton-miles All Traffic (x1000) 87,794
Total Trip-ton-miles Internal and Intraport (x1000) 282,531

DELAWARE RIVER, PHILADELPHIA, PA (TO THE SEA)

Section Included: Deepwater in Delaware Bay to Allegheny Ave., Philadelphia, PA, 96.5 miles. Maintained Depth in middle half of channel: 39.3 feet to the Philadelphia Naval Base, 88 miles; 38 feet in middle half of the west side of the channel and 34.7 feet in middle half of the east side of the channel through Philadelphia Harbor, 8.5 miles. All at mean low water. Tidal range to 6 feet mean higher high water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	129,711	2010	93,982	2013	82,611	2016	93,256
2008	121,894	2011	91,685	2014	76,642		
2009	107,003	2012	79,977	2015	80,703		

Freight Traffic, 2016 (thousand short tons)

Commodity	Total	Foreign				Canadian			
		Inbound	Outbound	Through		Inbound	Outbound	Through	
				Upbound	Downbnd			Upbound	Downbnd
Total, all commodities	59,479	42,550	5,724	6,730	1,802	2,186	71	293	123
Total coal	159	0	0	13	86	---	---	---	60
1100 coal & lignite	159	---	0	13	86	---	---	---	60
1200 coal coke	0	0	0	---	---	---	---	---	---
Total petroleum and petroleum products	40,571	32,870	3,347	1,086	1,018	2,107	44	35	63
Subtotal crude petroleum	33,237	30,733	---	506	---	1,998	---	---	---
2100 crude petroleum	33,237	30,733	---	506	---	1,998	---	---	---
Subtotal petroleum products	7,333	2,137	3,347	580	1,018	108	44	35	63
2211 gasoline	271	191	22	---	---	---	---	---	58
2221 kerosene	0	0	---	---	---	---	---	---	0
2330 distillate fuel oil	3,752	869	2,240	284	228	47	44	35	5
2340 residual fuel oil	61	---	13	34	---	14	---	---	---
2350 lube oil & greases	263	209	31	---	23	---	---	---	---
2410 petro. jelly & waxes	31	0	2	29	---	---	---	---	---
2429 naphtha & solvents	1,347	866	243	189	0	48	---	---	---
2430 asphalt, tar & pitch	1	1	0	---	---	---	---	---	---
2540 petroleum coke	673	0	20	40	612	---	---	---	---
2640 hydrocarbon & petrol gases, liquefied and gaseous	934	0	775	5	154	---	---	---	---
Total chemicals and related products	1,886	720	684	416	39	---	26	---	---
Subtotal fertilizers	507	153	3	350	2	---	---	---	---
3110 nitrogenous fert.	465	151	0	314	---	---	---	---	---
3120 phosphatic fert.	16	---	---	16	---	---	---	---	---
3130 potassic fert.	19	0	0	19	0	---	---	---	---
3190 fert. & mixes nec	6	2	3	0	1	---	---	---	---
Subtotal other chemicals and related products	1,379	567	682	67	37	---	26	---	---
3211 acyclic hydrocarbons	400	0	378	---	22	---	---	---	---
3212 benzene & toluene	0	0	0	---	---	---	---	---	---
3219 other hydrocarbons	6	1	1	0	3	---	---	---	---
3220 alcohols	21	9	7	2	3	---	---	---	---
3230 carboxylic acids	72	50	9	13	0	---	---	---	---
3240 nitrogen func. comp.	7	4	2	---	---	---	---	---	---
3250 organo - inorg. comp.	6	5	0	0	---	---	---	---	---
3260 organic comp. nec	5	2	1	0	2	---	---	---	---
3272 sulphuric acid	0	0	0	0	0	---	---	---	---
3273 ammonia	0	---	0	---	---	---	---	---	---
3274 sodium hydroxide	17	16	0	---	---	---	---	---	---
3275 inorg. elem., oxides, & halogen salts	126	43	70	13	0	---	---	---	---
3276 metallic salts	44	7	1	34	1	---	---	---	---
3279 inorganic chem. nec	2	2	0	---	---	---	---	---	---
3281 radioactive material	0	0	0	0	0	---	---	---	---
3282 pigments & paints	12	5	6	0	0	---	---	---	---
3283 coloring mat. nec	7	3	4	---	0	---	---	---	---
3284 medicines	26	18	8	0	0	---	---	---	---
3285 perfumes & cleansers	22	5	16	0	1	---	---	---	---
3286 plastics	220	153	64	1	2	---	---	---	---
3291 pesticides	3	2	1	0	---	---	---	---	---
3292 starches, gluten, glue	97	91	6	0	0	---	---	---	---
3293 explosives	0	---	0	---	---	---	---	---	---
3297 chemical additives	157	127	3	---	0	---	26	---	---
3298 wood & resin chem.	1	0	1	1	0	---	---	---	---
3299 chem. products nec	128	21	104	2	0	---	---	---	---
Total crude materials, inedible except fuels	4,058	850	791	1,805	354	---	---	259	---
Subtotal forest products, wood and chips	117	108	6	2	1	---	---	---	---
4110 rubber & gums	1	1	0	---	0	---	---	---	---
4150 fuel wood	1	1	0	---	0	---	---	---	---
4161 wood chips	0	0	0	0	---	---	---	---	---
4170 wood in the rough	3	1	2	---	0	---	---	---	---
4189 lumber	90	85	3	2	0	---	---	---	---
4190 forest products nec	21	20	1	0	0	---	---	---	---
Subtotal pulp and waste paper	522	13	84	424	2	---	---	---	---
4225 pulp & waste paper	522	13	84	424	2	---	---	---	---
Subtotal soil, sand, gravel, rock and stone	459	67	1	131	0	---	---	259	---
4310 building stone	12	12	0	0	0	---	---	---	---
4322 limestone	0	0	0	---	0	---	---	---	---

DELAWARE RIVER, PHILADELPHIA, PA (TO THE SEA)
 Freight Traffic, 2016 - continued
 (thousand short tons)

Commodity	Total	Foreign				Canadian			
		Inbound	Outbound	Through		Inbound	Outbound	Through	
				Upbound	Downbnd			Upbound	Downbnd
4323 gypsum	445	55	1	131	—	—	—	259	—
4327 phosphate rock	0	—	0	—	—	—	—	—	—
4331 sand & gravel	1	1	0	—	—	—	—	—	—
Subtotal iron ore and scrap	1,045	2	679	15	349	—	—	—	—
4410 iron ore	15	—	—	15	—	—	—	—	—
4420 iron & steel scrap	1,030	2	679	0	349	—	—	—	—
Subtotal marine shells	1	1	0	—	—	—	—	—	—
4515 marine shells	1	1	0	—	—	—	—	—	—
Subtotal non-ferrous ores and scrap	32	4	15	13	0	—	—	—	—
4630 copper ore	0	0	—	0	—	—	—	—	—
4650 aluminum ore	5	2	0	2	—	—	—	—	—
4680 non-ferrous scrap	16	1	14	0	0	—	—	—	—
4690 non-ferrous ores nec	12	0	1	11	—	—	—	—	—
Subtotal sulphur, clay and salt	1,216	138	3	1,075	0	—	—	—	—
4782 clay & refrac. mat.	16	11	3	2	—	—	—	—	—
4783 salt	1,201	127	0	1,073	0	—	—	—	—
Subtotal slag	551	454	0	97	—	—	—	—	—
4860 slag	551	454	0	97	—	—	—	—	—
Subtotal other non-metal. min.	115	64	3	47	1	—	—	—	—
4900 non-metal. min. nec	115	64	3	47	1	—	—	—	—
Total primary manufactured goods	5,048	3,513	370	931	155	80	—	—	—
Subtotal paper products	876	399	241	4	152	80	—	—	—
5110 newsprint	95	0	21	—	1	72	—	—	—
5120 paper & paperboard	683	337	204	0	142	—	—	—	—
5190 paper products nec	98	62	16	4	9	7	—	—	—
Subtotal lime, cement and glass	587	167	17	401	1	—	—	—	—
5210 lime	0	0	—	—	—	—	—	—	—
5220 cement & concrete	509	110	0	398	—	—	—	—	—
5240 glass & glass prod.	22	14	6	3	0	—	—	—	—
5290 misc. mineral prod.	56	43	12	0	1	—	—	—	—
Subtotal primary iron and steel products	3,169	2,624	37	507	1	—	—	—	—
5312 pig iron	5	1	4	—	—	—	—	—	—
5315 ferro alloys	24	23	0	0	—	—	—	—	—
5320 i&s primary forms	1,823	1,746	3	73	1	—	—	—	—
5330 i&s plates & sheets	779	597	25	157	—	—	—	—	—
5360 i&s bars & shapes	353	184	2	167	0	—	—	—	—
5370 i&s pipe & tube	173	63	2	108	0	—	—	—	—
5390 primary i&s nec	13	10	1	2	—	—	—	—	—
Subtotal primary non-ferrous metal products	316	223	74	18	1	—	—	—	—
5421 copper	20	13	6	0	—	—	—	—	—
5422 aluminum	32	27	5	0	0	—	—	—	—
5429 smelted prod. nec	31	22	9	0	—	—	—	—	—
5480 fab. metal products	233	161	53	18	1	—	—	—	—
Subtotal primary wood products	100	100	0	0	0	—	—	—	—
5540 primarv wood prod.	100	100	0	0	0	—	—	—	—
Total food and farm products	6,381	3,790	163	2,382	46	—	0	—	—
Subtotal fish	15	14	1	0	0	—	—	—	—
6134 fish (not shellfish)	6	6	0	0	0	—	—	—	—
6136 shellfish	9	8	0	0	0	—	—	—	—
Subtotal grain	68	17	1	50	0	—	—	—	—
6241 wheat	1	1	—	0	—	—	—	—	—
6344 corn	62	12	1	50	0	—	—	—	—
6442 rice	4	4	0	0	—	—	—	—	—
6443 barley & rye	0	0	—	0	—	—	—	—	—
6445 oats	0	—	—	0	—	—	—	—	—
6447 sorghum grains	0	0	—	—	—	—	—	—	—
Subtotal oilseeds	15	9	1	5	0	—	—	—	—
6521 peanuts	0	0	—	0	—	—	—	—	—
6522 soybeans	11	5	1	5	—	—	—	—	—
6534 flaxseed	0	0	—	—	—	—	—	—	—
6590 oilseeds nec	4	3	0	0	0	—	—	—	—
Subtotal vegetable products	165	76	15	67	7	—	—	—	—
6653 vegetable oils	6	3	0	2	1	—	—	—	—
6654 vegetables & prod.	159	73	15	65	6	—	—	—	—
Subtotal processed grain and animal feed	45	21	10	8	6	—	—	—	—
6746 wheat flour	1	0	0	0	1	—	—	—	—
6747 grain mill products	23	9	4	8	2	—	—	—	—
6781 hay & fodder	1	0	0	0	1	—	—	—	—
6782 animal feed, prep.	19	12	6	0	2	—	—	—	—
Subtotal other agricultural products	6,074	3,655	135	2,251	33	—	0	—	—
6811 meat, fresh, frozen	534	448	74	9	4	—	—	—	—
6817 meat, prepared	14	14	0	—	0	—	—	—	—
6822 dairy products	63	59	4	0	1	—	—	—	—

DELAWARE RIVER, PHILADELPHIA, PA (TO THE SEA)
Freight Traffic, 2016 - continued
(thousand short tons)

Commodity	Total	Foreign				Canadian			
		Inbound	Outbound	Through		Inbound	Outbound	Through	
				Upbound	Downbnd			Upbound	Downbnd
6835 fish, prepared	2	2	0	0	0	—	—	—	—
6838 tallow, animal oils	1	0	0	—	0	—	—	—	—
6839 animals & prod. nec	7	5	2	0	1	—	—	—	—
6856 bananas & plantains	2,344	857	0	1,486	1	—	—	—	—
6857 fruit & nuts nec	1,856	1,367	4	483	2	—	—	—	—
6858 fruit juices	231	76	1	153	1	—	—	—	—
6861 sugar	157	78	0	78	0	—	—	—	—
6865 molasses	3	3	—	—	—	—	—	—	—
6871 coffee	32	30	0	1	—	—	—	—	—
6872 cocoa beans	379	374	3	2	—	—	—	—	—
6885 alcoholic beverages	106	100	3	1	2	—	—	—	—
6888 water & ice	108	100	—	8	1	—	—	—	—
6889 food products nec	220	131	41	29	19	—	0	—	—
6891 tobacco & products	5	3	2	—	0	—	—	—	—
6893 cotton	5	2	0	1	2	—	—	—	—
6894 natural fibers nec	3	3	0	—	—	—	—	—	—
6899 farm products nec	3	3	0	0	—	—	—	—	—
Total all manufactured equipment, machinery and products	1,065	632	288	54	91	—	—	—	—
7110 machinery (not elec)	138	77	41	17	3	—	—	—	—
7120 electrical machinery	98	59	31	6	2	—	—	—	—
7210 vehicles & parts	309	192	40	9	69	—	—	—	—
7220 aircraft & parts	1	0	0	0	—	—	—	—	—
7230 ships & boats	3	2	0	0	0	—	—	—	—
7300 ordnance & access.	4	2	0	—	3	—	—	—	—
7400 manufac. wood prod.	23	16	4	0	3	—	—	—	—
7500 textile products	76	33	39	1	3	—	—	—	—
7600 rubber & plastic pr.	108	67	37	2	3	—	—	—	—
7900 manufac. prod. nec	305	184	97	18	6	—	—	—	—
Total unknown or not elsewhere classified	311	174	80	43	14	—	—	—	—
9900 unknown or nec	311	174	80	43	14	—	—	—	—
Ton-miles	4,397,620	2,978,829	509,261	566,411	149,571	144,963	6,360	30,520	11,705
Foreign & Canadian (x1000)									

Commodity	Total	Coastwise			
		Receipts	Shipments	Through	
				Upbound	Downbnd
Total, all commodities	11,865	3,136	4,463	1,487	2,780
Total coal	79	—	—	—	79
1100 coal & lignite	79	—	—	—	79
Total petroleum and petroleum products	8,462	2,796	4,013	742	911
Subtotal crude petroleum	2,300	2,256	—	44	—
2100 crude petroleum	2,300	2,256	—	44	—
Subtotal petroleum products	6,162	540	4,013	698	911
2211 gasoline	1,609	80	1,048	378	102
2221 kerosene	1,137	—	1,091	—	46
2330 distillate fuel oil	1,236	43	737	90	366
2340 residual fuel oil	926	38	398	184	307
2350 lube oil & greases	217	209	8	—	—
2429 naphtha & solvents	220	169	19	32	—
2430 asphalt, tar & pitch	818	—	713	15	90
Total chemicals and related products	996	124	23	695	154
Subtotal fertilizers	113	—	—	113	—
3110 nitrogenous fert.	113	—	—	113	—
Subtotal other chemicals and related products	883	124	23	581	154
3219 other hydrocarbons	337	—	—	337	—
3220 alcohols	224	15	—	207	2
3260 organic comp. nec	152	—	—	—	152
3274 sodium hydroxide	138	101	—	37	—
3299 chem. products nec	31	8	23	—	—
Total crude materials, inedible except fuels	525	—	25	—	500
Subtotal soil, sand, gravel, rock and stone	471	—	—	—	471
4323 gypsum	471	—	—	—	471
Subtotal iron ore and scrap	25	—	25	—	—
4420 iron & steel scrap	25	—	25	—	—
Subtotal slag	14	—	—	—	14
4860 slag	14	—	—	—	14
Subtotal other non-metal. min.	14	—	—	—	14
4900 non-metal. min. nec	14	—	—	—	14
Total primary manufactured goods	367	—	48	21	298
Subtotal lime, cement and glass	356	—	48	14	294
5220 cement & concrete	325	—	48	—	278
5240 glass & glass prod.	14	—	—	14	—
5290 misc. mineral prod.	16	—	—	—	16
Subtotal primary non-ferrous metal products	11	—	—	7	4
5480 fab. metal products	11	—	—	7	4
Total food and farm products	763	90	189	29	456
Subtotal other agricultural products	763	90	189	29	456
6835 fish, prepared	8	8	—	—	—
6861 sugar	485	—	—	29	456

DELAWARE RIVER, PHILADELPHIA, PA (TO THE SEA)
 Freight Traffic, 2016 - continued
 (thousand short tons)

Commodity	Total	Coastwise			
		Receipts	Shipments	Through	
				Upbound	Downbnd
6887 groceries	227	64	162	—	—
6889 food products nec	44	18	26	—	—
Total all manufactured equipment, machinery and products	292	126	165	—	1
7110 machinery (not elec)	67	59	8	—	—
7210 vehicles & parts	9	2	7	—	—
7400 manufac. wood prod.	5	0	4	—	—
7900 manufac. prod. nec	212	65	146	—	1
Total waste and scrap nec	381	—	—	—	381
8900 waste and scrap nec	381	—	—	—	381
Ton-miles (x1000)	752,381	158,282	318,774	92,416	182,910

Coastwise

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	21,912	1,628	1,144	1,628	2,566	827	1,065	11,101	1,952
Total coal	200	200	—	—	—	—	—	—	—
1100 coal & lignite	200	200	—	—	—	—	—	—	—
Total petroleum and petroleum products	19,826	1,424	835	1,347	2,130	482	701	11,077	1,832
Subtotal crude petroleum	10,543	77	—	—	—	—	—	9,853	613
2100 crude petroleum	10,543	77	—	—	—	—	—	9,853	613
Subtotal petroleum products	9,284	1,347	835	1,347	2,130	482	701	1,224	1,219
2211 gasoline	2,620	26	20	903	699	3	299	437	233
2221 kerosene	331	—	—	23	—	249	59	—	—
2330 distillate fuel oil	1,672	417	40	64	371	64	46	433	238
2340 residual fuel oil	2,840	465	718	269	496	163	254	218	258
2350 lube oil & greases	306	111	9	38	—	—	34	—	115
2429 naphtha & solvents	480	20	32	8	4	—	—	41	374
2430 asphalt, tar & pitch	939	225	16	43	548	2	9	96	—
2540 petroleum coke	12	—	—	—	12	—	—	—	—
2990 petro. products nec	83	83	—	—	—	—	—	—	—
Total chemicals and related products	1,460	4	288	280	277	192	275	24	120
Subtotal other chemicals and related products	1,460	4	288	280	277	192	275	24	120
3219 other hydrocarbons	569	4	47	280	—	192	—	—	46
3220 alcohols	720	—	128	—	239	—	275	4	74
3260 organic comp. nec	134	—	114	—	—	—	—	20	—
3276 metallic salts	38	—	—	—	38	—	—	—	—
3293 explosives	0	—	—	—	—	—	—	0	—
Total crude materials, inedible except fuels	72	—	—	—	72	—	—	—	—
Subtotal iron ore and scrap	72	—	—	—	72	—	—	—	—
4420 iron & steel scrap	72	—	—	—	72	—	—	—	—
Total primary manufactured goods	108	—	20	—	88	0	0	0	0
Subtotal lime, cement and glass	88	—	—	—	88	—	—	—	—
5220 cement & concrete	88	—	—	—	88	—	—	—	—
Subtotal primary iron and steel products	0	—	—	—	—	0	0	—	—
5370 i&s pipe & tube	0	—	—	—	—	0	0	—	—
Subtotal primary non-ferrous metal products	20	—	20	—	—	—	—	0	0
5480 fab. metal products	20	—	20	—	—	—	—	0	0
Total food and farm products	14	—	—	—	—	14	—	—	—
Subtotal oilseeds	14	—	—	—	—	14	—	—	—
6522 soybeans	14	—	—	—	—	14	—	—	—
Total all manufactured equipment, machinery and products	231	0	1	0	0	139	89	0	0
7110 machinery (not elec)	2	0	1	0	0	—	—	0	0
7900 manufac. prod. nec	229	—	—	—	0	139	89	0	0
Ton-miles (x1000)	875,661	9,000	18,590	18,648	39,646	23,997	30,668	711,506	23,605

Tons All Traffic (x1000) 93,256
Ton-miles All Traffic (x1000) 6,025,663
Total Trip-ton-miles Internal and Intraport (x1000) 1,445,462

DELAWARE RIVER AT CAMDEN, NJ (INCLUDED IN DELAWARE RIVER, PHILADELPHIA, PA TO THE SEA)

Section Included: Newton Creek, NJ to Cooper Point, NJ, 4 miles. Controlling Depth: May 1989, 30 feet from Newton Creek to Berkely St. and thence in May 1989, 17.4 feet to Cooper Point. Project Depth: 18 feet, 30 feet and 37 feet at mean low water (37 feet deferred for restudy).

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	6,907	2010	5,369	2013	5,537	2016	7,440
2008	6,263	2011	6,197	2014	6,115		
2009	5,700	2012	6,170	2015	6,923		

Freight Traffic, 2016 (thousand short tons)

Commodity	Total	Foreign		Canadian
		Inbound	Outbound	Inbound
Total, all commodities	5,023	4,177	811	35
Total petroleum and petroleum products	360	222	104	35
Subtotal petroleum products	360	222	104	35
2330 distillate fuel oil	327	188	104	35
2340 residual fuel oil	34	34	—	—
Total chemicals and related products	10	9	1	—
Subtotal fertilizers	8	8	—	—
3110 nitrogenous fert.	8	8	—	—
Subtotal other chemicals and related products	3	2	1	—
3260 organic comp. nec	0	0	—	—
3282 pigments & paints	0	0	0	—
3285 perfumes & cleansers	0	0	—	—
3286 plastics	1	1	0	—
3292 starches, gluten, glue	1	0	1	—
3297 chemical additives	0	—	0	—
3299 chem. products nec	0	—	0	—
Total crude materials, inedible except fuels	1,159	521	638	—
Subtotal forest products, wood and chips	11	11	0	—
4110 rubber & gums	0	0	—	—
4189 lumber	0	0	0	—
4190 forest products nec	11	11	—	—
Subtotal pulp and waste paper	1	1	0	—
4225 pulp & waste paper	1	1	0	—
Subtotal soil, sand, gravel, rock and stone	55	55	—	—
4323 gypsum	55	55	—	—
Subtotal iron ore and scrap	638	—	638	—
4420 iron & steel scrap	638	—	638	—
Subtotal slag	454	454	—	—
4860 slag	454	454	—	—
Subtotal other non-metal. min.	0	—	0	—
4900 non-metal. min. nec	0	—	0	—
Total primary manufactured goods	2,123	2,073	50	—
Subtotal paper products	55	5	50	—
5120 paper & paperboard	55	5	50	—
5190 paper products nec	0	0	0	—
Subtotal lime, cement and glass	0	0	—	—
5290 misc. mineral prod.	0	0	—	—
Subtotal primary iron and steel products	1,921	1,921	0	—
5320 i&s primary forms	1,323	1,323	—	—
5330 i&s plates & sheets	473	473	—	—
5360 i&s bars & shapes	95	95	—	—
5370 i&s pipe & tube	27	27	0	—
5390 primary i&s nec	2	2	—	—
Subtotal primary non-ferrous metal products	86	86	0	—
5421 copper	6	6	—	—
5422 aluminum	8	8	—	—
5429 smelted prod. nec	0	0	—	—
5480 fab. metal products	73	73	0	—
Subtotal primary wood products	61	61	—	—
5540 primary wood prod.	61	61	—	—
Total food and farm products	1,290	1,288	3	—
Subtotal fish	0	0	—	—
6136 shellfish	0	0	—	—
Subtotal grain	3	3	—	—
6344 corn	3	3	—	—
6442 rice	0	0	—	—
Subtotal vegetable products	2	2	0	—
6654 vegetables & prod.	2	2	0	—
Subtotal processed grain and animal feed	1	0	1	—
6747 grain mill products	1	0	1	—
6781 hay & fodder	0	—	0	—
Subtotal other agricultural products	1,284	1,282	2	—
6811 meat, fresh, frozen	0	—	0	—
6839 animals & prod. nec	0	—	0	—
6856 bananas & plantains	607	607	0	—
6857 fruit & nuts nec	560	559	1	—
6858 fruit juices	6	6	—	—
6861 sugar	20	20	—	—
6871 coffee	0	0	—	—
6872 cocoa beans	80	80	—	—
6889 food products nec	10	10	0	—
Total all manufactured equipment, machinery and products	35	19	17	—
7110 machinery (not elec)	3	3	0	—
7120 electrical machinery	4	3	1	—
7210 vehicles & parts	1	0	1	—
7230 ships & boats	0	0	0	—
7400 manufac. wood prod.	0	0	—	—

DELAWARE RIVER AT CAMDEN, NJ (INCLUDED IN DELAWARE RIVER, PHILADELPHIA, PA TO THE SEA)
 Freight Traffic, 2016 - continued
 (thousand short tons)

Commodity	Total	Foreign		Canadian
		Inbound	Outbound	Inbound
7500 textile products	6	6	0	—
7600 rubber & plastic pr.	2	1	0	—
7900 manufac. prod. nec	20	5	14	—
Total unknown or not elsewhere classified	45	45	0	—
9900 unknown or nec	45	45	0	—

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Total, all commodities	2,417	286	481	829	745	76
Total petroleum and petroleum products	1,592	70	31	829	586	76
Subtotal petroleum products	1,592	70	31	829	586	76
2211 gasoline	264	—	—	264	—	—
2330 distillate fuel oil	145	39	12	64	30	—
2340 residual fuel oil	1,068	31	19	386	555	76
2350 lube oil & greases	38	—	—	38	—	—
2430 asphalt, tar & pitch	77	—	—	77	—	—
Total chemicals and related products	31	8	23	—	—	—
Subtotal other chemicals and related products	31	8	23	—	—	—
3299 chem. products nec	31	8	23	—	—	—
Total crude materials, inedible except fuels	97	—	25	—	72	—
Subtotal iron ore and scrap	97	—	25	—	72	—
4420 iron & steel scrap	97	—	25	—	72	—
Total primary manufactured goods	135	—	48	—	88	—
Subtotal lime, cement and glass	135	—	48	—	88	—
5220 cement & concrete	135	—	48	—	88	—
Total food and farm products	270	82	189	—	—	—
Subtotal other agricultural products	270	82	189	—	—	—
6887 groceries	227	64	162	—	—	—
6889 food products nec	44	18	26	—	—	—
Total all manufactured equipment, machinery and products	291	126	165	—	—	—
7110 machinery (not elec)	67	59	8	—	—	—
7210 vehicles & parts	9	2	7	—	—	—
7400 manufac. wood prod.	5	0	4	—	—	—
7900 manufac. prod. nec	211	65	146	—	—	—

DELAWARE RIVER, TRENTON, NJ TO THE SEA (CONSOLIDATED REPORT)

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	129,987	2010	94,359	2013	82,717	2016	93,285
2008	122,114	2011	92,001	2014	76,695		
2009	107,185	2012	80,548	2015	80,761		

Freight Traffic, 2016 (thousand short tons)

Commodity	Total	Foreign				Canadian		
		Inbound	Outbound	Through		Inbound	Outbound	Through
				Upbound	Downbnd			
Total, all commodities	59,479	45,195	6,387	4,084	1,139	2,480	131	63
Total coal	159	13	86	—	0	—	60	—
1100 coal & lignite	159	13	86	—	0	—	60	—
1200 coal coke	0	0	0	—	—	—	—	—
Total petroleum and petroleum products	40,571	33,139	3,557	818	808	2,141	44	63
Subtotal crude petroleum	33,237	30,733	—	506	—	1,998	—	—
2100 crude petroleum	33,237	30,733	—	506	—	1,998	—	—
Subtotal petroleum products	7,333	2,406	3,557	312	808	143	44	63
2211 gasoline	271	191	22	—	—	—	—	58
2221 kerosene	0	0	—	—	—	—	—	0
2330 distillate fuel oil	3,752	1,058	2,358	95	111	82	44	5
2340 residual fuel oil	61	34	13	—	—	14	—	—
2350 lube oil & greases	263	209	43	—	11	—	—	—
2410 petro. jelly & waxes	31	29	2	—	—	—	—	—
2429 naphtha & solvents	1,347	884	243	171	0	48	—	—
2430 asphalt, tar & pitch	1	1	0	—	—	—	—	—
2540 petroleum coke	673	0	101	40	531	—	—	—
2640 hydrocarbon & petrol gases, liquefied and aqueous	934	0	775	5	154	—	—	—
Total chemicals and related products	1,886	1,062	699	75	24	—	26	—
Subtotal fertilizers	507	473	3	30	2	—	—	—
3110 nitrogenous fert.	465	455	0	10	—	—	—	—
3120 phosphatic fert.	16	16	—	—	—	—	—	—
3130 potassic fert.	19	0	0	19	0	—	—	—
3190 fert. & mixes nec	6	2	3	0	1	—	—	—
Subtotal other chemicals and related products	1,379	588	696	45	22	—	26	—
3211 acyclic hydrocarbons	400	0	384	—	17	—	—	—
3212 benzene & toluene	0	0	0	—	—	—	—	—
3219 other hydrocarbons	6	1	4	0	0	—	—	—

DELAWARE RIVER, TRENTON, NJ TO THE SEA (CONSOLIDATED REPORT)
Freight Traffic, 2016 - continued
(thousand short tons)

Commodity	Total	Foreign				Canadian		
		Inbound	Outbound	Through		Inbound	Outbound	Through Downbnd
				Upbound	Downbnd			
3220 alcohols	21	11	10	—	—	—	—	—
3230 carboxylic acids	72	63	9	0	0	—	—	—
3240 nitrogen func. comp.	7	4	2	—	—	—	—	—
3250 organo - inorg. comp.	6	5	0	0	—	—	—	—
3260 organic comp. nec	5	2	3	0	0	—	—	—
3272 sulphuric acid	0	0	0	0	0	—	—	—
3273 ammonia	0	—	0	—	—	—	—	—
3274 sodium hydroxide	17	16	0	—	—	—	—	—
3275 inorg. elem., oxides, & halogen salts	126	48	70	8	0	—	—	—
3276 metallic salts	44	7	1	34	1	—	—	—
3279 inorganic chem. nec	2	2	0	—	—	—	—	—
3281 radioactive material	0	0	0	0	0	—	—	—
3282 pigments & paints	12	5	6	0	0	—	—	—
3283 coloring mat. nec	7	3	4	—	0	—	—	—
3284 medicines	26	18	8	0	0	—	—	—
3285 perfumes & cleansers	22	5	16	0	1	—	—	—
3286 plastics	220	153	64	1	2	—	—	—
3291 pesticides	3	2	1	0	—	—	—	—
3292 starches, gluten, glue	97	91	6	0	0	—	—	—
3293 explosives	0	—	0	—	—	—	—	—
3297 chemical additives	157	127	3	—	0	—	26	—
3298 wood & resin chem.	1	0	1	1	0	—	—	—
3299 chem. products nec	128	23	104	0	0	—	—	—
Total crude materials, inedible except fuels	4,058	1,965	1,137	689	7	259	—	—
Subtotal forest products, wood and chips	117	110	6	0	1	—	—	—
4110 rubber & gums	1	1	0	—	0	—	—	—
4150 fuel wood	1	1	0	—	0	—	—	—
4161 wood chips	0	0	0	0	—	—	—	—
4170 wood in the rough	3	1	2	—	0	—	—	—
4189 lumber	90	87	3	0	0	—	—	—
4190 forest products nec	21	20	1	0	0	—	—	—
Subtotal pulp and waste paper	522	423	84	13	2	—	—	—
4225 pulp & waste paper	522	423	84	13	2	—	—	—
Subtotal soil, sand, gravel, rock and stone	459	198	1	0	0	259	—	—
4310 building stone	12	12	0	0	0	—	—	—
4322 limestone	0	0	0	—	0	—	—	—
4323 gypsum	445	186	1	—	—	259	—	—
4327 phosphate rock	0	—	0	—	—	—	—	—
4331 sand & gravel	1	1	0	—	—	—	—	—
Subtotal iron ore and scrap	1,045	11	1,025	6	3	—	—	—
4410 iron ore	15	9	—	6	—	—	—	—
4420 iron & steel scrap	1,030	2	1,025	0	3	—	—	—
Subtotal marine shells	1	1	0	—	—	—	—	—
4515 marine shells	1	1	0	—	—	—	—	—
Subtotal non-ferrous ores and scrap	32	6	15	11	0	—	—	—
4630 copper ore	0	0	—	0	—	—	—	—
4650 aluminum ore	5	5	0	—	—	—	—	—
4680 non-ferrous scrap	16	1	14	0	0	—	—	—
4690 non-ferrous ores nec	12	0	1	11	—	—	—	—
Subtotal sulphur, clay and salt	1,216	568	3	645	0	—	—	—
4782 clay & refrac. mat.	16	11	3	2	—	—	—	—
4783 salt	1,201	557	0	643	0	—	—	—
Subtotal slag	551	551	0	—	—	—	—	—
4860 slag	551	551	0	—	—	—	—	—
Subtotal other non-metal. min.	115	97	3	14	1	—	—	—
4900 non-metal. min. nec	115	97	3	14	1	—	—	—
Total primary manufactured goods	5,048	4,321	371	123	154	80	—	—
Subtotal paper products	876	400	241	4	152	80	—	—
5110 newsprint	95	0	21	—	1	72	—	—
5120 paper & paperboard	683	337	204	0	142	—	—	—
5190 paper products nec	98	62	16	4	9	7	—	—
Subtotal lime, cement and glass	587	568	17	1	1	—	—	—
5210 lime	0	0	—	—	—	—	—	—
5220 cement & concrete	509	508	0	0	—	—	—	—
5240 glass & glass prod.	22	16	6	0	0	—	—	—
5290 misc. mineral prod.	56	43	12	0	1	—	—	—
Subtotal primary iron and steel products	3,169	3,013	38	118	1	—	—	—
5312 pig iron	5	1	4	—	—	—	—	—
5315 ferro alloys	24	23	0	0	—	—	—	—
5320 i&s primary forms	1,823	1,786	4	33	0	—	—	—
5330 i&s plates & sheets	779	671	25	83	—	—	—	—
5360 i&s bars & shapes	353	349	2	2	0	—	—	—
5370 i&s pipe & tube	173	170	2	1	0	—	—	—
5390 primary i&s nec	13	12	1	—	—	—	—	—
Subtotal primary non-ferrous metal products	316	241	74	0	1	—	—	—
5421 copper	20	13	6	—	—	—	—	—
5422 aluminum	32	27	5	—	0	—	—	—
5429 smelted prod. nec	31	22	9	—	—	—	—	—
5480 fab. metal products	233	178	54	0	1	—	—	—
Subtotal primary wood products	100	100	0	0	0	—	—	—
5540 primary wood prod.	100	100	0	0	0	—	—	—

DELAWARE RIVER, TRENTON, NJ TO THE SEA (CONSOLIDATED REPORT)
Freight Traffic, 2016 - continued
(thousand short tons)

Commodity	Total	Foreign				Canadian		
		Inbound	Outbound	Through		Inbound	Outbound	Through Downbnd
				Upbound	Downbnd			
Total food and farm products	6,381	3,863	163	2,309	46	---	0	---
Subtotal fish	15	14	1	0	0	---	---	---
6134 fish (not shellfish)	6	6	0	0	0	---	---	---
6136 shellfish	9	8	0	0	0	---	---	---
Subtotal grain	68	17	1	50	0	---	---	---
6241 wheat	1	1	---	0	---	---	---	---
6344 corn	62	12	1	50	0	---	---	---
6442 rice	4	4	0	0	---	---	---	---
6443 barley & rye	0	0	---	0	---	---	---	---
6445 oats	0	---	---	0	---	---	---	---
6447 sorghum grains	0	0	---	---	---	---	---	---
Subtotal oilseeds	15	9	1	5	0	---	---	---
6521 peanuts	0	0	---	0	---	---	---	---
6522 soybeans	11	5	1	5	---	---	---	---
6534 flaxseed	0	0	---	---	---	---	---	---
6590 oilseeds nec	4	3	0	0	0	---	---	---
Subtotal vegetable products	165	76	15	67	7	---	---	---
6653 vegetable oils	6	3	0	2	1	---	---	---
6654 vegetables & prod.	159	73	15	65	6	---	---	---
Subtotal processed grain and animal feed	45	21	10	8	6	---	---	---
6746 wheat flour	1	0	0	0	1	---	---	---
6747 grain mill products	23	9	4	8	2	---	---	---
6781 hay & fodder	1	0	0	0	1	---	---	---
6782 animal feed, prep.	19	12	6	0	2	---	---	---
Subtotal other agricultural products	6,074	3,727	135	2,179	33	---	0	---
6811 meat, fresh, frozen	534	448	74	9	4	---	---	---
6817 meat, prepared	14	14	0	---	0	---	---	---
6822 dairy products	63	59	4	0	1	---	---	---
6835 fish, prepared	2	2	0	0	0	---	---	---
6838 tallow, animal oils	1	0	0	---	0	---	---	---
6839 animals & prod. nec	7	5	2	0	1	---	---	---
6856 bananas & plantains	2,344	857	0	1,486	1	---	---	---
6857 fruit & nuts nec	1,856	1,367	4	483	2	---	---	---
6858 fruit juices	231	76	1	153	1	---	---	---
6861 sugar	157	149	0	8	0	---	---	---
6865 molasses	3	3	---	---	---	---	---	---
6871 coffee	32	30	0	1	---	---	---	---
6872 cocoa beans	379	375	3	0	---	---	---	---
6885 alcoholic beverages	106	101	3	1	2	---	---	---
6888 water & ice	108	100	---	8	1	---	---	---
6889 food products nec	220	131	41	29	19	---	0	---
6891 tobacco & products	5	3	2	---	0	---	---	---
6893 cotton	5	2	0	1	2	---	---	---
6894 natural fibers nec	3	3	0	---	---	---	---	---
6899 farm products nec	3	3	0	0	---	---	---	---
Total all manufactured equipment, machinery and products	1,065	655	294	32	85	---	---	---
7110 machinery (not elec)	138	88	42	5	3	---	---	---
7120 electrical machinery	98	64	31	2	2	---	---	---
7210 vehicles & parts	309	193	43	8	65	---	---	---
7220 aircraft & parts	1	0	0	0	---	---	---	---
7230 ships & boats	3	2	0	0	0	---	---	---
7300 ordnance & access.	4	2	0	---	3	---	---	---
7400 manufac. wood prod.	23	16	4	0	3	---	---	---
7500 textile products	76	34	39	0	3	---	---	---
7600 rubber & plastic pr.	108	67	37	2	3	---	---	---
7900 manufac. prod. nec	305	188	98	15	5	---	---	---
Total unknown or not elsewhere classified	311	178	81	38	13	---	---	---
9900 unknown or nec	311	178	81	38	13	---	---	---
Ton-miles (x1000)	4,471,935	3,305,499	594,983	291,316	80,539	179,624	14,475	5,499
Foreign & Canadian								

Commodity	Total	Coastwise			
		Receipts	Shipments	Through	
				Upbound	Downbnd
Total, all commodities	11,865	3,614	4,732	1,009	2,511
Total coal	79	---	43	---	36
1100 coal & lignite	79	---	43	---	36
Total petroleum and petroleum products	8,462	2,866	4,072	672	852
Subtotal crude petroleum	2,300	2,256	---	44	---
2100 crude petroleum	2,300	2,256	---	44	---
Subtotal petroleum products	6,162	610	4,072	628	852
2211 gasoline	1,609	80	1,076	378	75
2221 kerosene	1,137	---	1,091	---	46
2330 distillate fuel oil	1,236	82	749	51	354
2340 residual fuel oil	926	69	417	153	287
2350 lube oil & greases	217	209	8	---	---
2429 naphtha & solvents	220	169	19	32	---
2430 asphalt, tar & pitch	818	---	713	15	90
Total chemicals and related products	996	533	175	286	2

DELAWARE RIVER, TRENTON, NJ TO THE SEA (CONSOLIDATED REPORT)
Freight Traffic, 2016 - continued
(thousand short tons)

Commodity	Total	Coastwise			
		Receipts	Shipments	Through	
				Upbound	Downbnd
Subtotal fertilizers	113	71	—	42	—
3110 nitrogenous fert.	113	71	—	42	—
Subtotal other chemicals and related products	883	461	175	244	2
3219 other hydrocarbons	337	337	—	—	—
3220 alcohols	224	15	—	207	2
3260 organic comp. nec	152	—	152	—	—
3274 sodium hydroxide	138	101	—	37	—
3299 chem. products nec	31	8	23	—	—
Total crude materials, inedible except fuels	525	—	40	—	485
Subtotal soil, sand, gravel, rock and stone	471	—	—	—	471
4323 gypsum	471	—	—	—	471
Subtotal iron ore and scrap	25	—	25	—	—
4420 iron & steel scrap	25	—	25	—	—
Subtotal slag	14	—	14	—	—
4860 slag	14	—	14	—	—
Subtotal other non-metal. min.	14	—	—	—	14
4900 non-metal. min. nec	14	—	—	—	14
Total primary manufactured goods	367	—	48	21	298
Subtotal lime, cement and glass	356	—	48	14	294
5220 cement & concrete	325	—	48	—	278
5240 glass & glass prod.	14	—	—	14	—
5290 misc. mineral prod.	16	—	—	—	16
Subtotal primary non-ferrous metal products	11	—	—	7	4
5480 fab. metal products	11	—	—	7	4
Total food and farm products	763	90	189	29	456
Subtotal other agricultural products	763	90	189	29	456
6835 fish, prepared	8	8	—	—	—
6861 sugar	485	—	—	29	456
6887 groceries	227	64	162	—	—
6889 food products nec	44	18	26	—	—
Total all manufactured equipment, machinery and products	292	126	166	—	—
7110 machinery (not elec)	67	59	8	—	—
7210 vehicles & parts	9	2	7	—	—
7400 manufac. wood prod.	5	0	4	—	—
7900 manufac. prod. nec	212	65	147	—	—
Total waste and scrap nec	381	—	—	—	381
8900 waste and scrap nec	381	—	—	—	381
Ton-miles (x1000)	757,538	185,915	337,271	67,740	166,612

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	21,941	2,410	449	805	3,117	45	514	11,953	2,648
Total coal	200	200	—	—	—	—	—	—	—
1100 coal & lignite	200	200	—	—	—	—	—	—	—
Total petroleum and petroleum products	19,853	1,875	386	805	2,316	31	514	11,646	2,280
Subtotal crude petroleum	10,543	77	—	—	—	—	—	9,853	613
2100 crude petroleum	10,543	77	—	—	—	—	—	9,853	613
Subtotal petroleum products	9,310	1,798	386	805	2,316	31	514	1,793	1,667
2211 gasoline	2,620	29	20	642	699	—	299	697	233
2221 kerosene	331	249	—	23	—	—	59	—	—
2330 distillate fuel oil	1,680	471	40	40	393	10	23	464	238
2340 residual fuel oil	2,859	609	269	49	660	19	90	456	707
2350 lube oil & greases	306	111	9	—	—	—	34	38	115
2429 naphtha & solvents	480	20	32	8	4	—	—	41	374
2430 asphalt, tar & pitch	939	225	16	43	548	2	9	96	—
2540 petroleum coke	12	—	—	—	12	—	—	—	—
2990 petro. products nec	83	83	—	—	—	—	—	—	—
Total chemicals and related products	1,462	196	47	—	552	—	—	306	362
Subtotal other chemicals and related products	1,462	196	47	—	552	—	—	306	362
3219 other hydrocarbons	571	196	47	—	—	—	—	282	46
3220 alcohols	720	—	—	—	514	—	—	4	202
3260 organic comp. nec	134	—	—	—	—	—	—	20	114
3276 metallic salts	38	—	—	—	38	—	—	—	—
3293 explosives	0	—	—	—	—	—	—	0	—
Total crude materials, inedible except fuels	72	—	—	—	72	—	—	—	—
Subtotal iron ore and scrap	72	—	—	—	72	—	—	—	—
4420 iron & steel scrap	72	—	—	—	72	—	—	—	—
Total primary manufactured goods	108	0	16	—	88	—	—	0	5
Subtotal lime, cement and glass	88	—	—	—	88	—	—	—	—
5220 cement & concrete	88	—	—	—	88	—	—	—	—
Subtotal primary iron and steel products	0	0	—	—	0	—	—	—	—
5370 i&s pipe & tube	0	0	—	—	0	—	—	—	—

DELAWARE RIVER, TRENTON, NJ TO THE SEA (CONSOLIDATED REPORT)
Freight Traffic, 2016 - continued
(thousand short tons)

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Subtotal primary non-ferrous metal products	20	---	16	---	---	---	---	0	5
5480 fab. metal products	20	---	16	---	---	---	---	0	5
Total food and farm products	14	---	---	---	---	14	---	---	---
Subtotal oilseeds	14	---	---	---	---	14	---	---	---
6522 soybeans	14	---	---	---	---	14	---	---	---
Total all manufactured equipment, machinery and products	231	139	1	---	90	---	---	1	1
7110 machinery (not elec)	2	0	1	---	0	---	---	1	0
7900 manufac. prod. nec	229	139	---	---	89	---	---	0	0
Ton-miles	883,984	37,124	6,007	1,721	60,725	620	10,796	729,942	37,049
Internal (x1000)									
Tons All Traffic (x1000)			93,285						
Ton-miles All Traffic (x1000)			6,113,457						
Total Trip-ton-miles Internal and Intraport (x1000)			1,445,687						

SUMMARY OF TRAFFIC DELAWARE RIVER AND TRIBUTARIES, TRENTON, NJ TO THE SEA

Freight Traffic, 2016
(thousand short tons)

Locality	Total	Foreign-		Domestic					
		Canadian		Coastwise		Internal			
		Inbound	Outbound	Receipts	Shipmnts	Receipts	Shipments	Intraport	
CHESTER AREA, PA	1,582	922	332	---	11	13	304	---	
THOMPSON POINT NJ AND VICINITY	---	---	---	---	---	---	---	---	
PHILADELPHIA HARBOR, PA	22,973	10,828	927	701	728	6,469	2,438	882	
ARTIFICIAL ISLAND NJ AND VICINITY	---	---	---	---	---	---	---	---	
BORDENTOWN-FIELDSBORO NJ	---	---	---	---	---	---	---	---	
WILMINGTON HARBOR, DE	7,481	3,985	1,125	53	56	1,783	480	---	
PENNSGROVE-CARNEY POINT NJ	---	---	---	---	---	---	---	---	
RIVERTON-DELANCO-BEVERLY NJ	---	---	---	---	---	---	---	---	
PAULSBORO, NJ	18,470	8,802	2,377	358	1,562	2,685	2,518	169	
NEW CASTLE AREA, DE	10,596	4,989	394	167	1,273	1,677	2,096	---	
BRISTOL PA AND VICINITY	---	---	---	---	---	---	---	---	
MARCUS HOOK, PA	15,692	5,182	1,148	2,136	1,138	4,356	1,555	178	
LOWER DELAWARE BAY DEL	---	---	---	---	---	---	---	---	
BURLINGTON-FLORENCE-ROEBLING NJ	---	---	---	---	---	---	---	---	
LOWER DELAWARE BAY NJ	---	---	---	---	---	---	---	---	
PENN MANOR AREA, PA	2,551	1,806	579	71	57	37	0	---	
CAMDEN-GLOUCESTER NJ	---	---	---	---	---	---	---	---	
TRENTON HARBOR, NJ	---	---	---	---	---	---	---	---	
TOTAL (UNADJUSTED)	79,345	36,514	6,880	3,487	4,825	17,019	9,391	1,229	
NET VOLUME OF TONNAGE FOR THE AREA	90,626	51,760	7,720	3,863	5,306		20,749	1,229	

SCHUYLKILL RIVER, PA (INCLUDED IN PHILADELPHIA HARBOR,PA)

Section Included: Delaware River to University Avenue Bridge, Philadelphia, 6.5 miles. Controlling Depth: In middle half of channel Nov. 1989, 23.1 feet to upper end of Berth #1, Arco Ballast Wharf, Nov. 1989, 16.3 feet to Passyunk Avenue Bridge, (minimum depth in right outside quarter 30.8 feet), 4 miles; thence in Oct. 1989, 14.9 feet to Gibson Point, 1 mile; thence in Oct. 1989, 9.2 feet to University Avenue Bridge; 1.5 miles. Project Depth: 33 feet to Passyunk Avenue Bridge; thence 26 feet to Gibson Point; and thence 22 feet to University Avenue Bridge.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	7,365	2010	6,157	2013	3,378	2016	3,178
2008	5,870	2011	5,918	2014	3,214		
2009	5,638	2012	3,984	2015	3,367		

Freight Traffic, 2016 (thousand short tons)

Commodity	Total	Foreign	Canadian
		Inbound	Outbound
Total, all commodities	125	76	49
Total petroleum and petroleum products	125	75	49
Subtotal petroleum products	125	75	49
2211 gasoline	49	---	49
2429 naphtha & solvents	55	55	---
2540 petroleum coke	16	16	---
2640 hydrocarbon & petrol gases, liquefied and aaseous	5	5	---
Total all manufactured equipment, machinery and products	0	0	---
7110 machinery (not elec)	0	0	---
Ton-miles (x1000)	483	286	196

SCHUYLKILL RIVER, PA (INCLUDED IN PHILADELPHIA HARBOR, PA)
 Freight Traffic, 2016 - continued
 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
Foreign & Canadian					
Commodity	Total	Domestic			
		Coastwise		Internal	
		Receipts	Shipments	Inbound	Outbound
				Upbound	Downbnd
				Upbound	Downbnd
Total, all commodities	3,053	195	518	366	1,937
Total petroleum and petroleum products	2,809	195	516	366	1,694
Subtotal crude petroleum	44	44	—	—	—
2100 crude petroleum	44	44	—	—	—
Subtotal petroleum products	2,764	151	516	366	1,694
2211 gasoline	499	6	71	56	348
2221 kerosene	35	—	—	23	—
2330 distillate fuel oil	563	7	155	158	236
2340 residual fuel oil	982	106	220	72	584
2350 lube oil & greases	153	—	—	—	153
2429 naphtha & solvents	89	32	—	12	45
2430 asphalt, tar & pitch	358	—	70	45	244
2990 petro. products nec	83	—	—	—	83
Total chemicals and related products	245	—	2	—	243
Subtotal other chemicals and related products	245	—	2	—	243
3219 other hydrocarbons	243	—	—	—	243
3220 alcohols	2	—	2	—	—
Ton-miles (x1000)	9,823	661	1,739	1,289	6,097
Domestic					
Tons All Traffic (x1000)	3,178				
Ton-miles All Traffic (x1000)	10,306				
Total Trip-ton-miles Internal and Intraport (x1000)	54,658				

PHILADELPHIA HARBOR, PA (INCLUDED IN DELAWARE RIVER BETWEEN PHILADELPHIA, PA AND TRENTON, NJ; DELAWARE RIVER, PHILADELPHIA, PA TO THE SEA AND SCHUYLKILL RIVER, PA)

Section Included: Delaware River from the lower dock at Hog Island, below the mouth of Schuylkill River, to the mouth of Poquessing Creek, the upper limit of the city, 23 miles and Schuylkill River from its mouth to Fairmount Dam, 8.4 miles. For maintained depth see tables of individual referenced projects.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	35,149	2010	34,036	2013	26,046	2016	22,973
2008	32,283	2011	30,632	2014	18,532		
2009	31,751	2012	28,539	2015	19,966		

Freight Traffic, 2016 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
Total, all commodities	11,754	9,711	878	1,116	49
Total coal	0	—	0	—	—
1100 coal & lignite	0	—	0	—	—
1200 coal coke	0	—	0	—	—
Total petroleum and petroleum products	5,685	4,571	28	1,037	49
Subtotal crude petroleum	5,049	4,027	—	1,022	—
2100 crude petroleum	5,049	4,027	—	1,022	—
Subtotal petroleum products	636	544	28	14	49
2211 gasoline	125	76	0	—	49
2330 distillate fuel oil	33	25	8	—	—
2350 lube oil & greases	218	202	15	—	—
2410 petro. jelly & waxes	27	26	1	—	—
2429 naphtha & solvents	212	194	3	14	—
2430 asphalt, tar & pitch	0	—	0	—	—
2540 petroleum coke	16	16	0	—	—
2640 hydrocarbon & petrol gases, liquefied and gaseous	5	5	0	—	—
Total chemicals and related products	601	504	97	—	—
Subtotal fertilizers	147	144	3	—	—
3110 nitrogenous fert.	143	143	0	—	—
3130 potassic fert.	0	0	—	—	—
3190 fert. & mixes nec	3	1	3	—	—
Subtotal other chemicals and related products	454	359	95	—	—
3211 acyclic hydrocarbons	10	0	10	—	—
3212 benzene & toluene	0	—	0	—	—
3219 other hydrocarbons	5	1	4	—	—
3220 alcohols	12	7	5	—	—
3230 carboxylic acids	51	44	7	—	—
3240 nitrogen func. comp.	2	1	0	—	—
3250 organo - inorg. comp.	0	0	0	—	—
3260 organic comp. nec	4	2	2	—	—
3272 sulphuric acid	0	—	0	—	—
3273 ammonia	0	—	0	—	—
3274 sodium hydroxide	17	16	0	—	—
3275 inorg. elem., oxides, & halogen salts	41	38	3	—	—

PHILADELPHIA HARBOR, PA (INCLUDED IN DELAWARE RIVER BETWEEN PHILADELPHIA, PA AND TRENTON, NJ; DELAWARE RIVER, PHILADELPHIA, PA TO THE SEA AND SCHUYLKILL RIVER, PA)
 Freight Traffic, 2016 - continued
 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
3276 metallic salts	6	5	1	—	—
3279 inorganic chem. nec	1	0	0	—	—
3281 radioactive material	0	—	0	—	—
3282 pigments & paints	4	2	3	—	—
3283 coloring mat. nec	5	1	3	—	—
3284 medicines	12	7	5	—	—
3285 perfumes & cleansers	11	2	9	—	—
3286 plastics	111	92	19	—	—
3291 pesticides	2	1	0	—	—
3292 starches, gluten, glue	84	81	3	—	—
3293 explosives	0	—	0	—	—
3297 chemical additives	50	48	2	—	—
3298 wood & resin chem.	1	0	1	—	—
3299 chem. products nec	29	12	18	—	—
Total crude materials, inedible except fuels	734	587	147	—	—
Subtotal forest products, wood and chips	99	95	5	—	—
4110 rubber & gums	0	0	0	—	—
4150 fuel wood	1	0	0	—	—
4161 wood chips	0	—	0	—	—
4170 wood in the rough	2	1	2	—	—
4189 lumber	86	84	3	—	—
4190 forest products nec	10	9	0	—	—
Subtotal pulp and waste paper	505	422	83	—	—
4225 pulp & waste paper	505	422	83	—	—
Subtotal soil, sand, gravel, rock and stone	13	12	1	—	—
4310 building stone	12	12	0	—	—
4323 gypsum	1	—	1	—	—
4327 phosphate rock	0	—	0	—	—
4331 sand & gravel	1	1	0	—	—
Subtotal iron ore and scrap	43	2	41	—	—
4420 iron & steel scrap	43	2	41	—	—
Subtotal marine shells	1	1	0	—	—
4515 marine shells	1	1	0	—	—
Subtotal non-ferrous ores and scrap	13	1	12	—	—
4630 copper ore	0	0	—	—	—
4650 aluminum ore	0	0	0	—	—
4680 non-ferrous scrap	12	1	12	—	—
4690 non-ferrous ores nec	0	0	0	—	—
Subtotal sulphur, clay and salt	56	54	2	—	—
4782 clay & refrac. mat.	3	0	2	—	—
4783 salt	53	53	0	—	—
Subtotal other non-metal. min.	3	0	3	—	—
4900 non-metal. min. nec	3	0	3	—	—
Total primary manufactured goods	1,526	1,232	214	80	—
Subtotal paper products	628	378	170	80	—
5110 newsprint	94	0	21	72	—
5120 paper & paperboard	467	328	139	—	—
5190 paper products nec	66	50	9	7	—
Subtotal lime, cement and glass	167	158	9	—	—
5210 lime	0	0	—	—	—
5220 cement & concrete	109	109	—	—	—
5240 glass & glass prod.	16	11	5	—	—
5290 misc. mineral prod.	42	37	4	—	—
Subtotal primary iron and steel products	600	597	3	—	—
5312 pig iron	2	1	1	—	—
5315 ferro alloys	21	21	0	—	—
5320 i&s primary forms	438	437	1	—	—
5330 i&s plates & sheets	49	49	0	—	—
5360 i&s bars & shapes	68	68	0	—	—
5370 i&s pipe & tube	18	18	1	—	—
5390 primary i&s nec	4	3	0	—	—
Subtotal primary non-ferrous metal products	93	61	32	—	—
5421 copper	5	5	0	—	—
5422 aluminum	8	6	1	—	—
5429 smelted prod. nec	20	16	4	—	—
5480 fab. metal products	61	34	27	—	—
Subtotal primary wood products	38	38	0	—	—
5540 primary wood prod.	38	38	0	—	—
Total food and farm products	2,391	2,247	145	—	—
Subtotal fish	14	13	1	—	—
6134 fish (not shellfish)	6	6	0	—	—
6136 shellfish	8	8	0	—	—
Subtotal grain	14	14	0	—	—
6241 wheat	1	1	—	—	—
6344 corn	9	9	0	—	—
6442 rice	4	4	0	—	—
6447 sorghum grains	0	0	—	—	—
Subtotal oilseeds	9	8	1	—	—
6521 peanuts	0	0	—	—	—
6522 soybeans	6	5	1	—	—
6534 flaxseed	0	0	—	—	—
6590 oilseeds nec	3	2	0	—	—
Subtotal vegetable products	81	67	13	—	—
6653 vegetable oils	3	3	0	—	—
6654 vegetables & prod.	77	64	13	—	—
Subtotal processed grain and animal feed	24	14	9	—	—
6746 wheat flour	0	0	0	—	—

PHILADELPHIA HARBOR, PA (INCLUDED IN DELAWARE RIVER BETWEEN PHILADELPHIA, PA AND TRENTON, NJ; DELAWARE RIVER, PHILADELPHIA, PA TO THE SEA AND SCHUYLKILL RIVER, PA)
 Freight Traffic, 2016 - continued
 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
6747 grain mill products	8	5	3	—	—
6781 hay & fodder	0	0	0	—	—
6782 animal feed, prep.	16	10	6	—	—
Subtotal other agricultural products	2,250	2,130	120	—	—
6811 meat, fresh, frozen	519	445	73	—	—
6817 meat, prepared	14	14	0	—	—
6822 dairy products	62	59	3	—	—
6835 fish, prepared	2	2	0	—	—
6838 tallow, animal oils	0	—	0	—	—
6839 animals & prod. nec	6	5	1	—	—
6856 bananas & plantains	224	224	—	—	—
6857 fruit & nuts nec	684	682	2	—	—
6858 fruit juices	42	41	1	—	—
6861 sugar	58	58	0	—	—
6865 molasses	3	3	—	—	—
6871 coffee	30	30	0	—	—
6872 cocoa beans	262	259	3	—	—
6885 alcoholic beverages	94	91	3	—	—
6888 water & ice	99	99	—	—	—
6889 food products nec	142	111	31	—	—
6891 tobacco & products	3	3	0	—	—
6893 cotton	2	2	—	—	—
6894 natural fibers nec	3	3	—	—	—
6899 farm products nec	3	3	0	—	—
Total all manufactured equipment, machinery and products	649	466	183	—	—
7110 machinery (not elec)	71	41	31	—	—
7120 electrical machinery	38	29	9	—	—
7210 vehicles & parts	188	157	31	—	—
7220 aircraft & parts	0	0	0	—	—
7230 ships & boats	1	1	0	—	—
7300 ordnance & access.	0	0	—	—	—
7400 manufac. wood prod.	19	15	4	—	—
7500 textile products	55	20	34	—	—
7600 rubber & plastic pr.	70	46	23	—	—
7900 manufac. prod. nec	208	157	51	—	—
Total unknown or not elsewhere classified	168	105	63	—	—
9900 unknown or nec	168	105	63	—	—

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Total, all commodities	11,219	701	728	6,469	2,438	882
Total petroleum and petroleum products	8,953	240	574	6,330	1,710	99
Subtotal crude petroleum	5,885	44	—	5,841	—	—
2100 crude petroleum	5,885	44	—	5,841	—	—
Subtotal petroleum products	3,068	196	574	489	1,710	99
2211 gasoline	545	6	117	56	348	18
2221 kerosene	40	—	5	23	—	12
2330 distillate fuel oil	571	7	162	158	236	8
2340 residual fuel oil	1,098	106	220	188	532	52
2350 lube oil & greases	195	34	—	8	153	—
2429 naphtha & solvents	178	43	—	12	113	9
2430 asphalt, tar & pitch	358	—	70	45	244	—
2990 petro. products nec	83	—	—	—	83	—
Total chemicals and related products	2,023	453	154	—	639	777
Subtotal other chemicals and related products	2,023	453	154	—	639	777
3219 other hydrocarbons	908	337	—	—	—	571
3220 alcohols	729	15	2	—	639	73
3260 organic comp. nec	286	—	152	—	—	134
3274 sodium hydroxide	101	101	—	—	—	—
3293 explosives	0	—	—	—	—	0
Total primary manufactured goods	5	—	—	—	0	5
Subtotal primary non-ferrous metal products	5	—	—	—	0	5
5480 fab. metal products	5	—	—	—	0	5
Total food and farm products	8	8	—	—	—	—
Subtotal other agricultural products	8	8	—	—	—	—
6835 fish, prepared	8	8	—	—	—	—
Total all manufactured equipment, machinery and products	230	—	1	139	90	0
7110 machinery (not elec)	1	—	—	0	0	0
7900 manufac. prod. nec	229	—	1	139	89	—

WILMINGTON HARBOR, DE

Section Included: West Shore of Delaware River from and including Pigeon Point, DE, to and including Edgemoor, DE, 4.4 miles; and May 1984, 40.1 feet. In the Christina River in October 1989, 33.5 feet to the upper end of Berth No. 3; thence in October 1989, 18.6 feet to Lobdell Canal, 1.2 miles; thence in May 1984, 11.3 feet to Market Street Bridge at Wilmington, 2.1 miles; thence January 1960, 13.2 feet to the former pulp works, 1.2 miles; thence January 1960, 5.8 feet to Pennsylvania R R Bridge No. 4, 0.3 miles; thence 6.1 feet to Newport, 5 miles. Project Depth: In Delaware River, 40 feet, in Christina River, 35 feet to Lobdell Canal, thence 21 feet to the former pulp works; thence 10 feet to Pennsylvania R.R. Bridge No. 4, and thence 7 feet to Newport. All at mean low water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	4,132	2010	4,825	2013	6,146	2016	7,481
2008	3,979	2011	5,629	2014	6,953		
2009	4,482	2012	5,113	2015	7,914		

Freight Traffic, 2016 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian Outbound	Domestic				
		Inbound	Outbound		Total	Coastwise		Internal	
				Receipts		Shipments	Receipts	Shipments	
Total, all commodities	7,481	3,985	1,111	14	2,371	53	56	1,783	480
Total petroleum and petroleum products	3,778	742	808	14	2,215	35	41	1,660	480
Subtotal crude petroleum	583	506	---	---	77	---	---	---	77
2100 crude petroleum	583	506	---	---	77	---	---	---	77
Subtotal petroleum products	3,196	236	808	14	2,138	35	41	1,660	403
2211 gasoline	1,043	---	---	9	1,034	28	---	1,006	---
2221 kerosene	0	---	---	0	---	---	---	---	---
2330 distillate fuel oil	465	95	111	5	254	---	22	119	113
2340 residual fuel oil	843	---	---	---	843	6	19	535	282
2350 lube oil & greases	11	---	11	---	---	---	---	---	---
2429 naphtha & solvents	125	117	0	---	8	---	---	---	8
2540 petroleum coke	556	24	531	---	---	---	---	---	---
2640 hydrocarbon & petrol gases, liquefied and gaseous	154	---	154	---	---	---	---	---	---
Total chemicals and related products	239	74	23	---	142	19	---	123	---
Subtotal fertilizers	31	30	2	---	---	---	---	---	---
3110 nitrogenous fert.	10	10	---	---	---	---	---	---	---
3130 potassic fert.	19	19	0	---	---	---	---	---	---
3190 fert. & mixes nec	2	0	1	---	---	---	---	---	---
Subtotal other chemicals and related products	208	44	21	---	142	19	---	123	---
3211 acyclic hydrocarbons	17	---	17	---	---	---	---	---	---
3219 other hydrocarbons	0	0	0	---	---	---	---	---	---
3220 alcohols	142	---	---	---	142	19	---	123	---
3230 carboxylic acids	0	0	0	---	---	---	---	---	---
3250 organo - inorg. comp.	0	0	---	---	---	---	---	---	---
3260 organic comp. nec	0	0	0	---	---	---	---	---	---
3275 inorg. elem., oxides, & halogen salts	8	8	0	---	---	---	---	---	---
3276 metallic salts	35	34	1	---	---	---	---	---	---
3281 radioactive material	0	0	0	---	---	---	---	---	---
3282 pigments & paints	0	---	0	---	---	---	---	---	---
3284 medicines	0	0	0	---	---	---	---	---	---
3285 perfumes & cleansers	0	0	0	---	---	---	---	---	---
3286 plastics	3	1	2	---	---	---	---	---	---
3291 pesticides	0	0	---	---	---	---	---	---	---
3292 starches, gluten, glue	0	---	0	---	---	---	---	---	---
3297 chemical additives	0	---	0	---	---	---	---	---	---
3298 wood & resin chem.	1	1	0	---	---	---	---	---	---
3299 chem. products nec	0	0	0	---	---	---	---	---	---
Total crude materials, inedible except fuels	711	689	7	---	14	---	14	---	---
Subtotal forest products, wood and chips	0	0	0	---	---	---	---	---	---
4110 rubber & gums	0	---	0	---	---	---	---	---	---
4161 wood chips	0	0	---	---	---	---	---	---	---
4170 wood in the rough	0	---	0	---	---	---	---	---	---
4189 lumber	0	0	0	---	---	---	---	---	---
4190 forest products nec	0	0	0	---	---	---	---	---	---
Subtotal pulp and waste paper	16	13	2	---	---	---	---	---	---
4225 pulp & waste paper	16	13	2	---	---	---	---	---	---
Subtotal soil, sand, gravel, rock and stone	0	0	0	---	---	---	---	---	---
4310 building stone	0	0	---	---	---	---	---	---	---
4322 limestone	0	---	0	---	---	---	---	---	---
Subtotal iron ore and scrap	9	6	3	---	---	---	---	---	---
4410 iron ore	6	6	---	---	---	---	---	---	---
4420 iron & steel scrap	3	0	3	---	---	---	---	---	---
Subtotal non-ferrous ores and scrap	11	11	0	---	---	---	---	---	---
4630 copper ore	0	0	---	---	---	---	---	---	---
4680 non-ferrous scrap	0	0	0	---	---	---	---	---	---
4690 non-ferrous ores nec	11	11	---	---	---	---	---	---	---
Subtotal sulphur, clay and salt	645	645	0	---	---	---	---	---	---
4782 clay & refrac. mat.	2	2	---	---	---	---	---	---	---

WILMINGTON HARBOR, DE
Freight Traffic, 2016 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic				
		Inbound	Outbound	Outbound	Total	Coastwise		Internal	
						Receipts	Shipments	Receipts	Shipments
4783 salt	643	643	0	—	—	—	—	—	—
Subtotal other non-metal. min.	30	14	1	—	14	—	14	—	—
4900 non-metal. min. nec	30	14	1	—	14	—	14	—	—
Total primary manufactured goods	275	123	152	—	—	—	—	—	—
Subtotal paper products	154	4	150	—	—	—	—	—	—
5110 newsprint	0	—	0	—	—	—	—	—	—
5120 paper & paperboard	142	0	142	—	—	—	—	—	—
5190 paper products nec	12	4	8	—	—	—	—	—	—
Subtotal lime, cement and glass	1	1	0	—	—	—	—	—	—
5220 cement & concrete	0	0	—	—	—	—	—	—	—
5240 glass & glass prod.	0	0	0	—	—	—	—	—	—
5290 misc. mineral prod.	1	0	0	—	—	—	—	—	—
Subtotal primary iron and steel products	119	118	0	—	—	—	—	—	—
5315 ferro alloys	0	0	—	—	—	—	—	—	—
5320 i&s primary forms	33	33	0	—	—	—	—	—	—
5330 i&s plates & sheets	83	83	—	—	—	—	—	—	—
5360 i&s bars & shapes	2	2	0	—	—	—	—	—	—
5370 i&s pipe & tube	1	1	0	—	—	—	—	—	—
Subtotal primary non-ferrous metal products	1	0	0	—	—	—	—	—	—
5422 aluminum	0	—	0	—	—	—	—	—	—
5480 fab. metal products	1	0	0	—	—	—	—	—	—
Subtotal primary wood products	0	0	0	—	—	—	—	—	—
5540 primary wood prod.	0	0	0	—	—	—	—	—	—
Total food and farm products	2,324	2,297	27	—	—	—	—	—	—
Subtotal fish	1	0	0	—	—	—	—	—	—
6134 fish (not shellfish)	0	0	0	—	—	—	—	—	—
6136 shellfish	0	0	0	—	—	—	—	—	—
Subtotal grain	50	50	0	—	—	—	—	—	—
6241 wheat	0	0	—	—	—	—	—	—	—
6344 corn	50	50	0	—	—	—	—	—	—
6442 rice	0	0	—	—	—	—	—	—	—
6443 barley & rye	0	0	—	—	—	—	—	—	—
6445 oats	0	0	—	—	—	—	—	—	—
Subtotal oilseeds	5	5	—	—	—	—	—	—	—
6521 peanuts	0	0	—	—	—	—	—	—	—
6522 soybeans	5	5	—	—	—	—	—	—	—
6590 oilseeds nec	0	0	—	—	—	—	—	—	—
Subtotal vegetable products	74	67	7	—	—	—	—	—	—
6653 vegetable oils	3	2	1	—	—	—	—	—	—
6654 vegetables & prod.	71	65	6	—	—	—	—	—	—
Subtotal processed grain and animal feed	11	8	3	—	—	—	—	—	—
6746 wheat flour	0	0	0	—	—	—	—	—	—
6747 grain mill products	10	8	2	—	—	—	—	—	—
6781 hay & fodder	1	0	1	—	—	—	—	—	—
6782 animal feed, prep.	0	0	0	—	—	—	—	—	—
Subtotal other agricultural products	2,184	2,167	17	—	—	—	—	—	—
6811 meat, fresh, frozen	12	9	3	—	—	—	—	—	—
6817 meat, prepared	0	—	0	—	—	—	—	—	—
6822 dairy products	1	0	1	—	—	—	—	—	—
6835 fish, prepared	0	0	0	—	—	—	—	—	—
6838 tallow, animal oils	0	—	0	—	—	—	—	—	—
6839 animals & prod. nec	0	0	0	—	—	—	—	—	—
6856 bananas & plantains	1,477	1,477	1	—	—	—	—	—	—
6857 fruit & nuts nec	483	481	2	—	—	—	—	—	—
6858 fruit juices	154	152	1	—	—	—	—	—	—
6861 sugar	8	8	0	—	—	—	—	—	—
6871 coffee	1	1	—	—	—	—	—	—	—
6872 cocoa beans	0	0	—	—	—	—	—	—	—
6885 alcoholic beverages	1	1	0	—	—	—	—	—	—
6888 water & ice	8	8	0	—	—	—	—	—	—
6889 food products nec	35	29	6	—	—	—	—	—	—
6893 cotton	3	1	2	—	—	—	—	—	—
6899 farm products nec	0	0	—	—	—	—	—	—	—
Total all manufactured equipment, machinery and products	104	22	83	—	0	—	—	0	0
7110 machinery (not elec)	8	5	2	—	0	—	—	0	0
7120 electrical machinery	3	2	1	—	—	—	—	—	—
7210 vehicles & parts	73	8	65	—	—	—	—	—	—
7220 aircraft & parts	0	0	—	—	—	—	—	—	—
7230 ships & boats	0	0	—	—	—	—	—	—	—
7300 ordnance & access.	3	—	3	—	—	—	—	—	—
7400 manufac. wood prod.	3	0	2	—	—	—	—	—	—
7500 textile products	3	0	3	—	—	—	—	—	—
7600 rubber & plastic pr.	5	2	3	—	—	—	—	—	—
7900 manufac. prod. nec	8	5	3	—	0	—	—	0	—

WILMINGTON HARBOR, DE
Freight Traffic, 2016 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic				
		Inbound	Outbound	Outbound	Total	Coastwise		Internal	
						Receipts	Shipments	Receipts	Shipments
Total unknown or not elsewhere classified	50	38	13	---	---	---	---	---	---
9900 unknown or nec	50	38	13	---	---	---	---	---	---

INLAND WATERWAY FROM DELAWARE RIVER TO CHESAPEAKE BAY, DE AND MD - CHESAPEAKE AND DELAWARE CANAL

Section Included: Delaware River to Pooles Island in Chesapeake Bay, 46 miles. Controlling Depth: In September 1989, 34.1 feet in middle half of channel. Project Depth: 35 feet at mean low water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	15,426	2010	9,776	2013	10,361	2016	12,381
2008	14,079	2011	10,038	2014	13,795		
2009	11,503	2012	9,806	2015	13,074		

Freight Traffic, 2016 (thousand short tons)

Commodity	Grand Total	Foreign		Total	Domestic		Internal		
		Through			Total	Coastwise		Through	
		Upbound	Downbnd			Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	12,381	664	490	11,227	3,911	1,892	973	4,451	
Total coal	236	---	---	236	36	---	200	---	
1100 coal & lignite	236	---	---	236	36	---	200	---	
Total petroleum and petroleum products	5,675	116	154	5,405	1,805	1,385	632	1,583	
Subtotal crude petroleum	1,219	4	---	1,216	1,216	---	---	---	
2100 crude petroleum	1,219	4	---	1,216	1,216	---	---	---	
Subtotal petroleum products	4,456	112	154	4,189	589	1,385	632	1,583	
2211 gasoline	1,194	---	---	1,194	35	579	---	579	
2221 kerosene	368	---	---	368	46	14	308	---	
2330 distillate fuel oil	995	75	---	919	177	357	195	189	
2340 residual fuel oil	658	15	37	606	56	219	120	210	
2350 lube oil & greases	202	---	---	202	168	---	---	34	
2429 naphtha & solvents	105	---	---	105	86	19	---	---	
2430 asphalt, tar & pitch	867	21	62	783	21	197	8	558	
2540 petroleum coke	68	---	56	12	---	---	---	12	
Total chemicals and related products	1,391	50	36	1,305	465	412	---	429	
Subtotal fertilizers	143	30	11	103	61	42	---	---	
3110 nitrogenous fert.	143	30	11	103	61	42	---	---	
Subtotal other chemicals and related products	1,248	20	25	1,203	404	370	---	429	
3219 other hydrocarbons	319	---	---	319	319	---	---	---	
3220 alcohols	590	---	8	582	---	190	---	391	
3260 organic comp. nec	142	---	---	142	---	142	---	---	
3274 sodium hydroxide	122	---	---	122	85	37	---	---	
3276 metallic salts	38	---	---	38	---	---	---	38	
3299 chem. products nec	37	20	17	---	---	---	---	---	
Total crude materials, inedible except fuels	2,775	---	13	2,762	471	43	---	2,248	
Subtotal pulp and waste paper	13	---	13	---	---	---	---	---	
4225 pulp & waste paper	13	---	13	---	---	---	---	---	
Subtotal soil, sand, gravel, rock and stone	2,647	---	---	2,647	471	---	---	2,176	
4323 gypsum	471	---	---	471	471	---	---	---	
4331 sand & gravel	2,176	---	---	2,176	---	---	---	2,176	
Subtotal iron ore and scrap	86	---	---	86	---	14	---	72	
4420 iron & steel scrap	86	---	---	86	---	14	---	72	
Subtotal slag	14	---	---	14	---	14	---	---	
4860 slag	14	---	---	14	---	14	---	---	
Subtotal other non-metal. min.	14	---	---	14	---	14	---	---	
4900 non-metal. min. nec	14	---	---	14	---	14	---	---	
Total primary manufactured goods	545	84	54	407	298	21	0	88	
Subtotal paper products	22	22	---	---	---	---	---	---	
5120 paper & paperboard	22	22	---	---	---	---	---	---	
Subtotal lime, cement and glass	407	---	10	396	294	14	---	88	
5220 cement & concrete	366	---	---	366	278	---	---	88	
5240 glass & glass prod.	14	---	---	14	---	14	---	---	
5290 misc. mineral prod.	27	---	10	16	16	---	---	---	
Subtotal primary iron and steel products	7	7	---	0	---	---	0	0	
5360 i&s bars & shapes	7	7	---	---	---	---	---	---	
5370 i&s pipe & tube	0	---	---	0	---	---	0	0	
Subtotal primary non-ferrous metal products	110	56	44	11	4	7	---	---	
5422 aluminum	20	20	---	---	---	---	---	---	
5480 fab. metal products	90	35	44	11	4	7	---	---	
Total food and farm products	499	---	---	499	456	29	---	14	
Subtotal oilseeds	14	---	---	14	---	---	---	14	
6522 soybeans	14	---	---	14	---	---	---	14	
Subtotal other agricultural products	485	---	---	485	456	29	---	---	
6861 sugar	485	---	---	485	456	29	---	---	

INLAND WATERWAY FROM DELAWARE RIVER TO CHESAPEAKE BAY, DE AND MD - CHESAPEAKE AND DELAWARE CANAL
 Freight Traffic, 2016 - continued
 (thousand short tons)

Commodity	Grand Total	Foreign		Domestic				
		Through		Total	Coastwise		Internal	
		Upbound	Downbnd		Through		Upbound	Downbnd
				Upbound	Downbnd	Upbound		
Total all manufactured equipment, machinery and products	878	414	233	231	---	1	141	89
7110 machinery (not elec)	1	---	---	1	---	---	1	---
7120 electrical machinery	1	---	---	1	---	---	1	---
7210 vehicles & parts	236	145	91	---	---	---	---	---
7400 manufac. wood prod.	2	2	---	---	---	---	---	---
7900 manufac. prod. nec	638	267	142	229	---	1	139	89
Total waste and scrap nec	381	---	---	381	381	---	---	---
8900 waste and scrap nec	381	---	---	381	381	---	---	---
Ton-miles (x1000)	569,506	30,522	22,543	516,441	179,921	87,021	44,753	204,746
Tons All Traffic (x1000)		12,381						
Ton-miles All Traffic (x1000)		569,506						
Total Trip-ton-miles Internal and Intraport (x1000)		249,499						

Other Harbors and Waterways 2016

Harbor or Waterway Project	Commodity	Thousand Short Tons
ABSECON CREEK, NJ	No Commerce Reported	
ABSECON INLET, NJ	4150 fuel wood	0
	Total Tons(x1000)	0
	Total Ton-miles(x1000)	0
	Total Trip-ton-miles Internal and Intraport (x1000)	0
ALLOWAY CREEK, NJ	No Commerce Reported	
APPOQUINIMINK RIVER, DE	No Commerce Reported	
BARNEGAT INLET, NJ	No Commerce Reported	
BIG TIMBER CREEK, NJ	No Commerce Reported	
BROADKILL RIVER, DE	No Commerce Reported	
CAPE MAY CANAL, NJ	No Commerce Reported	
COHANSEY RIVER, NJ	No Commerce Reported	
COLD SPRING INLET, NJ	No Commerce Reported	
COOPER RIVER, NJ	No Commerce Reported	
HARBOR OF REFUGE, DELAWARE BAY, DE	No Commerce Reported	
HOPE CREEK, NJ	No Commerce Reported	
INDIAN RIVER INLET AND BAY, DE	No Commerce Reported	
INLAND WATERWAY BETWEEN REHOBOTH BAY AND DELAWARE BAY, DE	No Commerce Reported	
LEIPSIC RIVER, DE	No Commerce Reported	
LITTLE EGG HARBOR, NJ	No Commerce Reported	
LITTLE RIVER, DE	No Commerce Reported	
MANASQUAN RIVER, NJ	No Commerce Reported	
MANTUA CREEK, NJ	No Commerce Reported	
MAURICE RIVER, NJ	No Commerce Reported	
MISPILLION RIVER, DE	5480 fab. metal products	16
	Total Tons(x1000)	16
	Total Ton-miles(x1000)	140
	Total Trip-ton-miles Internal and Intraport (x1000)	357
MURDERKILL RIVER, DE	No Commerce Reported	
NEW JERSEY INTRACOASTAL WATERWAY	4150 fuel wood	0
	Total Tons(x1000)	0
	Total Ton-miles(x1000)	0
	Total Trip-ton-miles Internal and Intraport (x1000)	0
OLDMANS CREEK, NJ	No Commerce Reported	
PEPPER CREEK, DE	No Commerce Reported	
RACCOON CREEK, NJ	No Commerce Reported	
SALEM RIVER, NJ	1100 coal & lignite	0
	2330 distillate fuel oil	0
	2350 lube oil & greases	0
	2540 petroleum coke	0
	2640 hydrocarbon & petrol gases, liquefied and gaseous	0
	3190 fert. & mixes nec	0
	3219 other hydrocarbons	0
	3260 organic comp. nec	0
	3272 sulphuric acid	0
	3275 inorg. elem., oxides, & halogen salts	0
	3276 metallic salts	0
	3281 radioactive material	0
	3282 pigments & paints	0
	3283 coloring mat. nec	0
	3285 perfumes & cleansers	1
	3286 plastics	0
	3291 pesticides	0
	3292 starches, gluten, glue	0
	3298 wood & resin chem.	0
	3299 chem. products nec	0
	4150 fuel wood	0
	4189 lumber	0
	4190 forest products nec	0
	4310 building stone	0
	4680 non-ferrous scrap	0
	4900 non-metal. min. nec	0
	5110 newsprint	0
	5120 paper & paperboard	0
	5190 paper products nec	1
	5240 glass & glass prod.	0
	5290 misc. mineral prod.	0
	5360 i&s bars & shapes	0
	5370 i&s pipe & tube	0
	5480 fab. metal products	1
	5540 primary wood prod.	0
	6344 corn	0
	6521 peanuts	0
	6522 soybeans	14
	6590 oilseeds nec	0
	6654 vegetables & prod.	1
	6746 wheat flour	1
	6747 grain mill products	1
	6781 hay & fodder	0

Other Harbors and Waterways 2016 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
SALEM RIVER, NJ - continued	6782 animal feed, prep.	1
	6811 meat, fresh, frozen	1
	6822 dairy products	0
	6839 animals & prod. nec	1
	6856 bananas & plantains	10
	6857 fruit & nuts nec	2
	6858 fruit juices	0
	6861 sugar	0
	6885 alcoholic beverages	1
	6888 water & ice	1
	6889 food products nec	13
	6891 tobacco & products	0
	6893 cotton	0
	7110 machinery (not elec)	0
	7120 electrical machinery	1
	7210 vehicles & parts	0
	7230 ships & boats	0
	7400 manufac. wood prod.	0
	7500 textile products	0
	7600 rubber & plastic pr.	0
7900 manufac. prod. nec	11	
9900 unknown or nec	1	
	Total Tons(x1000)	66
	Total Ton-miles(x1000)	264
	Total Trip-ton-miles Internal and Intraport (x1000)	3,904
SMYRNA RIVER, DE	No Commerce Reported	
ST. JONES RIVER, DE	No Commerce Reported	
TOMS RIVER, NJ	No Commerce Reported	
TRENTON HARBOR, NJ (INCLUDED IN DELAWARE RIVER BETWEEN PHILADELPHIA,PA AND TRENTON,NJ)	No Commerce Reported	
TUCKERTON CREEK, NJ	No Commerce Reported	
WATERWAY FROM INDIAN RIVER INLET TO REHOBOTH BAY, DE	No Commerce Reported	

BALTIMORE HARBOR AND CHANNELS, MD

Section Included: Mouth of Chesapeake Bay to Baltimore, MD. Controlling Depth: Cape Henry to Craighill Entrance 50.0 feet. Craighill Entrance to Ft. McHenry, 45.0 feet; southern approach channels to Chesapeake and Delaware Canal, 35 feet. Branch channel range from 15 to 40.8 feet; anchorages; 2 at 35.0 feet and 1 at 30.2 feet. Project Depth: Cape Henry to Fort McHenry, Baltimore, MD, 42 feet (under construction to 50.0 feet); southern approach channels to Chesapeake and Delaware Canal, 35 feet. Branch Channels range from 15 to 42 feet (under construction to 50.0 feet); anchorages 30 feet and 35 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	41,251	2010	39,629	2013	36,579	2016	38,838
2008	43,413	2011	44,866	2014	37,157		
2009	30,179	2012	42,102	2015	39,404		

Freight Traffic, 2016 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
Total, all commodities	31,863	12,913	17,061	1,222	667
Total coal	14,255	120	13,483	---	652
1100 coal & lignite	14,253	118	13,483	---	652
1200 coal coke	2	2	0	---	---
Total petroleum and petroleum products	1,133	440	143	537	14
Subtotal petroleum products	1,133	440	143	537	14
2211 gasoline	417	108	---	295	14
2221 kerosene	0	---	0	---	---
2330 distillate fuel oil	304	96	115	93	---
2340 residual fuel oil	0	0	---	---	---
2350 lube oil & greases	7	0	7	---	---
2410 petro. jelly & waxes	29	27	2	---	---
2429 naphtha & solvents	13	3	10	---	---
2430 asphalt, tar & pitch	2	1	1	---	---
2540 petroleum coke	276	120	7	149	---
2640 hydrocarbon & petrol gases, liquefied and gaseous	85	84	0	---	---
Total chemicals and related products	1,122	959	154	9	---
Subtotal fertilizers	406	391	6	9	---
3110 nitrogenous fert.	358	358	0	---	---
3120 phosphatic fert.	0	0	0	---	---
3130 potassic fert.	9	---	---	9	---
3190 fert. & mixes nec	39	33	6	---	---
Subtotal other chemicals and related products	716	568	148	---	---
3211 acyclic hydrocarbons	1	1	0	---	---
3212 benzene & toluene	0	---	0	---	---
3219 other hydrocarbons	5	5	1	---	---
3220 alcohols	4	1	3	---	---
3230 carboxylic acids	64	62	3	---	---
3240 nitrogen func. comp.	7	5	2	---	---
3250 organo - inorg. comp.	3	2	0	---	---
3260 organic comp. nec	28	26	2	---	---
3272 sulphuric acid	0	---	0	---	---
3273 ammonia	0	0	0	---	---
3274 sodium hydroxide	22	21	1	---	---
3275 inorg. elem., oxides, & halogen salts	227	211	16	---	---
3276 metallic salts	72	69	3	---	---
3279 inorganic chem. nec	12	12	1	---	---
3281 radioactive material	8	3	5	---	---
3282 pigments & paints	28	21	8	---	---
3283 coloring mat. nec	6	5	1	---	---
3284 medicines	16	10	7	---	---
3285 perfumes & cleansers	29	15	14	---	---
3286 plastics	70	33	36	---	---
3291 pesticides	1	0	0	---	---
3292 starches, gluten, glue	20	7	13	---	---
3293 explosives	0	0	0	---	---
3297 chemical additives	3	1	1	---	---
3298 wood & resin chem.	3	3	0	---	---
3299 chem. products nec	86	56	31	---	---
Total crude materials, inedible except fuels	5,272	3,208	1,522	542	---
Subtotal forest products, wood and chips	540	228	312	---	---
4110 rubber & gums	23	22	1	---	---
4150 fuel wood	6	0	5	---	---
4161 wood chips	1	0	0	---	---
4170 wood in the rough	148	6	142	---	---
4189 lumber	348	184	164	---	---
4190 forest products nec	16	15	1	---	---
Subtotal pulp and waste paper	1,119	285	834	---	---
4225 pulp & waste paper	1,119	285	834	---	---
Subtotal soil, sand, gravel, rock and stone	628	84	1	542	---
4310 building stone	32	32	0	---	---
4322 limestone	0	0	0	---	---
4323 gypsum	589	46	0	542	---
4331 sand & gravel	7	6	1	---	---
Subtotal iron ore and scrap	313	1	313	---	---
4410 iron ore	41	0	41	---	---
4420 iron & steel scrap	272	1	272	---	---
Subtotal marine shells	0	0	0	---	---
4515 marine shells	0	0	0	---	---
Subtotal non-ferrous ores and scrap	383	327	56	---	---
4630 copper ore	0	0	---	---	---
4650 aluminum ore	277	274	3	---	---
4670 manganese ore	23	22	1	---	---
4680 non-ferrous scrap	39	2	37	---	---

BALTIMORE HARBOR AND CHANNELS, MD
 Freight Traffic, 2016 - continued
 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
4690 non-ferrous ores nec	44	28	16	—	—
Subtotal sulphur, clay and salt	1,548	1,544	4	—	—
4782 clay & refrac. mat.	79	77	3	—	—
4783 salt	1,469	1,468	1	—	—
Subtotal slag	703	703	0	—	—
4860 slag	703	703	0	—	—
Subtotal other non-metal. min.	38	36	2	—	—
4900 non-metal. min. nec	38	36	2	—	—
Total primary manufactured goods	3,466	3,015	372	79	—
Subtotal paper products	603	542	61	—	—
5110 newsprint	1	0	1	—	—
5120 paper & paperboard	533	489	44	—	—
5190 paper products nec	68	53	16	—	—
Subtotal lime, cement and glass	310	245	64	—	—
5210 lime	0	—	0	—	—
5220 cement & concrete	75	75	0	—	—
5240 glass & glass prod.	22	17	4	—	—
5290 misc. mineral prod.	213	153	60	—	—
Subtotal primary iron and steel products	759	706	51	2	—
5312 pig iron	6	3	3	—	—
5315 ferro alloys	122	118	1	2	—
5320 i&s primary forms	214	202	12	—	—
5330 i&s plates & sheets	183	161	22	—	—
5360 i&s bars & shapes	116	109	7	—	—
5370 i&s pipe & tube	69	65	4	—	—
5390 primary i&s nec	50	48	2	—	—
Subtotal primary non-ferrous metal products	1,308	1,051	180	77	—
5421 copper	28	24	4	—	—
5422 aluminum	515	431	6	77	—
5429 smelted prod. nec	401	323	78	—	—
5480 fab. metal products	364	272	91	—	—
Subtotal primary wood products	487	471	16	—	—
5540 primary wood prod.	487	471	16	—	—
Total food and farm products	2,401	2,196	205	—	—
Subtotal fish	42	41	1	—	—
6134 fish (not shellfish)	34	33	1	—	—
6136 shellfish	8	8	0	—	—
Subtotal grain	156	146	9	—	—
6241 wheat	5	5	0	—	—
6344 corn	111	106	5	—	—
6442 rice	37	36	1	—	—
6445 oats	0	—	0	—	—
6447 sorghum grains	3	—	3	—	—
Subtotal oilseeds	201	178	23	—	—
6522 soybeans	148	125	23	—	—
6534 flaxseed	0	0	0	—	—
6590 oilseeds nec	53	53	0	—	—
Subtotal vegetable products	183	165	17	—	—
6653 vegetable oils	47	47	1	—	—
6654 vegetables & prod.	135	119	17	—	—
Subtotal processed grain and animal feed	68	39	28	—	—
6746 wheat flour	2	1	1	—	—
6747 grain mill products	24	16	7	—	—
6781 hay & fodder	0	—	0	—	—
6782 animal feed, prep.	42	22	20	—	—
Subtotal other agricultural products	1,752	1,627	126	—	—
6811 meat, fresh, frozen	50	12	38	—	—
6817 meat, prepared	8	0	7	—	—
6822 dairy products	14	2	12	—	—
6835 fish, prepared	19	19	0	—	—
6838 tallow, animal oils	0	0	0	—	—
6839 animals & prod. nec	2	1	1	—	—
6856 bananas & plantains	1	1	0	—	—
6857 fruit & nuts nec	23	21	2	—	—
6858 fruit juices	122	119	3	—	—
6861 sugar	856	856	0	—	—
6865 molasses	111	111	—	—	—
6871 coffee	126	123	3	—	—
6872 cocoa beans	12	11	1	—	—
6885 alcoholic beverages	214	205	9	—	—
6888 water & ice	3	3	0	—	—
6889 food products nec	175	135	40	—	—
6891 tobacco & products	4	2	2	—	—
6893 cotton	1	1	0	—	—
6894 natural fibers nec	1	1	0	—	—
6899 farm products nec	10	3	7	—	—
Total all manufactured equipment, machinery and products	3,668	2,712	930	25	1
7110 machinery (not elec)	745	529	215	0	0
7120 electrical machinery	176	105	48	23	—
7210 vehicles & parts	1,548	1,118	429	1	0
7220 aircraft & parts	3	2	1	—	—
7230 ships & boats	8	6	1	1	—
7300 ordnance & access.	18	18	0	—	—
7400 manufac. wood prod.	63	46	17	—	—
7500 textile products	164	111	53	—	—
7600 rubber & plastic pr.	234	192	42	—	—
7900 manufac. prod. nec	709	584	124	0	0

BALTIMORE HARBOR AND CHANNELS, MD
 Freight Traffic, 2016 - continued
 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
Total unknown or not elsewhere classified	546	264	253	29	0
9900 unknown or nec	546	264	253	29	0
Ton-miles (x1000)	331,735	133,553	179,365	11,613	7,205

Commodity	Total	Domestic					
		Coastwise		Internal			
		Receipts	Shipments	Inbound Upbound	Outbound Downbnd	Intra Upbound Downbnd	
Total, all commodities	6,975	632	738	1,984	1,215	147	2,259
Total coal	2,285	---	36	16	71	0	2,163
1100 coal & lignite	2,285	---	36	16	71	0	2,163
Total petroleum and petroleum products	2,343	287	311	990	512	147	95
Subtotal crude petroleum	4	---	---	---	4	---	---
2100 crude petroleum	4	---	---	---	4	---	---
Subtotal petroleum products	2,339	287	311	990	508	147	95
2211 gasoline	808	237	34	531	3	4	---
2221 kerosene	228	---	42	---	186	---	---
2330 distillate fuel oil	396	6	148	53	185	4	---
2340 residual fuel oil	494	15	59	126	110	139	45
2430 asphalt, tar & pitch	394	29	28	269	25	---	43
2540 petroleum coke	19	---	---	12	---	---	7
Total chemicals and related products	418	300	2	115	1	0	---
Subtotal fertilizers	42	42	---	---	---	---	---
3110 nitrogenous fert.	42	42	---	---	---	---	---
Subtotal other chemicals and related products	376	258	2	115	1	0	---
3220 alcohols	261	181	2	78	1	---	---
3274 sodium hydroxide	78	78	---	---	---	---	---
3276 metallic salts	38	---	---	38	---	---	---
3293 explosives	0	---	---	---	---	0	---
Total crude materials, inedible except fuels	1,092	---	116	741	235	---	0
Subtotal soil, sand, gravel, rock and stone	853	---	116	735	2	---	---
4323 gypsum	165	---	116	49	---	---	---
4331 sand & gravel	688	---	---	686	2	---	---
Subtotal iron ore and scrap	239	---	---	6	233	---	0
4420 iron & steel scrap	239	---	---	6	233	---	0
Total primary manufactured goods	391	14	274	63	38	0	1
Subtotal lime, cement and glass	352	14	274	63	---	0	1
5220 cement & concrete	349	14	274	61	---	---	---
5290 misc. mineral prod.	3	---	---	2	---	0	1
Subtotal primary iron and steel products	38	---	---	0	38	---	---
5312 pig iron	3	---	---	---	3	---	---
5320 i&s primary forms	0	---	---	---	0	---	---
5370 i&s pipe & tube	0	---	---	0	0	---	---
5390 primary i&s nec	35	---	---	---	35	---	---
Subtotal primary non-ferrous metal products	0	---	---	---	---	0	---
5480 fab. metal products	0	---	---	---	---	0	---
Total food and farm products	356	29	---	---	326	---	---
Subtotal grain	2	---	---	---	2	---	---
6241 wheat	2	---	---	---	2	---	---
Subtotal oilseeds	325	---	---	---	325	---	---
6522 soybeans	325	---	---	---	325	---	---
Subtotal other agricultural products	29	29	---	---	---	---	---
6861 suagar	29	29	---	---	---	---	---
Total all manufactured equipment, machinery and products	91	1	---	58	32	0	0
7110 machinery (not elec)	2	1	---	---	1	0	---
7400 manufac. wood prod.	0	---	---	0	---	---	0
7900 manufac. prod. nec	89	---	---	58	31	---	---
Total waste and scrap nec	0	---	---	---	---	0	---
8900 waste and scrap nec	0	---	---	---	---	0	---
Ton-miles (x1000)	54,529	5,921	5,072	20,625	12,213	221	10,476

Domestic
 Tons All Traffic (x1000) 38,838
 Ton-miles All Traffic (x1000) 386,264
 Total Trip-ton-miles Internal and Intraport (x1000) 433,495

SUSQUEHANNA RIVER ABOVE AND BELOW HAVRE DE GRACE, MD

Section Included: From mouth to Spesutie Narrows, MD. Controlling Depth: 15 feet from Chesapeake Bay to Spesutie Narrows, MD. Project Depth: 15 feet below Harve De Grace; 8 feet above Harve De Grace. Project Length: 4 miles. Navigation Season: Entire year.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	2,415	2010	1,085	2013	1,818	2016	2,177
2008	2,091	2011	1,249	2014	2,184		
2009	1,538	2012	1,216	2015	2,989		

Freight Traffic, 2016 (thousand short tons)

Commodity	Grand Total	Internal	
		Inbound	Outbound
		Upbound	Downbnd
Total, all commodities	2,177	1	2,176
Total crude materials, inedible except fuels	2,176	—	2,176
Subtotal soil, sand, gravel, rock and stone	2,176	—	2,176
4331 sand & gravel	2,176	—	2,176
Total all manufactured equipment, machinery and products	1	1	—
7120 electrical machinery	1	1	—
Ton-miles (x1000)	17,418	10	17,408

Tons All Traffic (x1000) 2,177
Ton-miles All Traffic (x1000) 17,418
Total Trip-ton-miles Internal and Intraport (x1000) 369,978

NANTICOKE RIVER (INCLUDING NORTHWEST FORK), DE AND MD

Section Included: Nanticoke River from mouth to Seaford, DE, Northwest Fork from mouth to Federalsburg, MD. Maintained Depth: Nanticoke River, 11.5 feet to Hawks Nest shoal; 10.5 feet in Seaford, DE; Northwest Fork, 3 feet. Authorized Depth: Nanticoke River, 12 feet to Seaford, DE, Northwest Fork, 6 feet to 0.5 mile below Federalsburg, MD.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	826	2010	543	2013	840	2016	907
2008	772	2011	653	2014	785		
2009	568	2012	636	2015	954		

Freight Traffic, 2016 (thousand short tons)

Commodity	Grand Total	Internal	
		Inbound	Outbound
		Upbound	Downbnd
Total, all commodities	907	461	446
Total chemicals and related products	14	14	—
Subtotal fertilizers	14	14	—
3110 nitrogenous fert.	14	14	—
Total crude materials, inedible except fuels	458	194	264
Subtotal soil, sand, gravel, rock and stone	458	194	264
4331 sand & gravel	453	194	259
4335 waterway improv. mat	5	—	5
Total food and farm products	434	252	182
Subtotal grain	86	37	49
6241 wheat	28	—	28
6344 corn	50	33	18
6443 barley & rye	8	5	4
Subtotal oilseeds	349	215	133
6522 soybeans	131	2	130
6590 oilseeds nec	217	214	4
Total all manufactured equipment, machinery and products	0	0	—
7110 machinery (not elec)	0	0	—
Ton-miles (x1000)	35,837	18,178	17,659

Tons All Traffic (x1000) 907
Ton-miles All Traffic (x1000) 35,837
Total Trip-ton-miles Internal and Intraport (x1000) 147,562

WICOMICO RIVER, MD (EASTERN SHORE)

Section Included: From mouth to Salisbury, MD. Maintained Depth: 12 feet in Main River; branch channels range from 2 to 10 feet; 6 feet to and in Boat Basin at Webster Cove. Authorized Depth: 14 feet to Main Street Bridge and in prongs at Salisbury; 6 feet to and in small boat basin at Webster Cove.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	1,606	2010	791	2013	939	2016	1,032
2008	1,329	2011	1,065	2014	869		
2009	1,136	2012	896	2015	885		

Freight Traffic, 2016 (thousand short tons)

Commodity	Grand Total	Domestic	
		Receipts	Internal
			Inbound Upbound
Total, all commodities	1,032	3	1,029
Total petroleum and petroleum products	552	3	549
Subtotal petroleum products	552	3	549
2211 gasoline	436	3	433
2330 distillate fuel oil	116	—	116
Total chemicals and related products	45	—	45
Subtotal other chemicals and related products	45	—	45
3220 alcohols	45	—	45
Total crude materials, inedible except fuels	272	—	272
Subtotal soil, sand, gravel, rock and stone	272	—	272
4331 sand & gravel	272	—	272
Total food and farm products	163	—	163
Subtotal grain	99	—	99
6241 wheat	3	—	3
6344 corn	92	—	92
6443 barley & rye	3	—	3
Subtotal oilseeds	65	—	65
6522 soybeans	65	—	65
Ton-miles (x1000)	25,365	76	25,290

Tons All Traffic (x1000) 1,032
Ton-miles All Traffic (x1000) 25,365
Total Trip-ton-miles Internal and Intraport (x1000) 133,133

POCOMOKE RIVER, MD

Section Included: From mouth to Snow Hill, MD. Controlling Depth: 8 feet from mouth to Snow Hill; 7 feet through the Muds (Pocomoke Sound to Pocomoke River); 3.4 feet above bridge in Snow Hill. Project Depth: 9 feet in the river to Snow Hill and 7 feet over the Muds.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	140	2010	694	2013	613	2016	604
2008	703	2011	570	2014	370		
2009	668	2012	519	2015	423		

Freight Traffic, 2016 (thousand short tons)

Commodity	Grand Total	Internal	
		Inbound Upbound	Outbound Downbnd
Total crude materials, inedible except fuels	604	234	370
Subtotal soil, sand, gravel, rock and stone	604	234	370
4331 sand & gravel	585	234	351
4335 waterway improv. mat	19	—	19
Ton-miles (x1000)	9,669	3,745	5,924

Tons All Traffic (x1000) 604
Ton-miles All Traffic (x1000) 9,669
Total Trip-ton-miles Internal and Intraport (x1000) 91,614

POTOMAC RIVER BELOW WASHINGTON, DC

Section Included: From mouth to Giesboro Point at Washington, DC 108 miles. Controlling Depth: Kettle Bottom Shoal 24 feet; Nanjemoy Bar 21.7 feet; Maryland Pt. Bar 19.5 feet; Liverpool Pt. 21.0 feet; channel between Sandy Pt. and Quantico 22.6 feet; Mattawoman Bar 19.8 feet; Marshall Hall bar 22.3 feet; Hunting Creek Shoal 18.5 feet. Project Depth: 24 feet, Lower Smith Point Bar

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	3,105	2010	3,071	2013	1,092	2016	1,282
2008	3,449	2011	2,229	2014	988		
2009	2,286	2012	1,008	2015	944		

Freight Traffic, 2016 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic			
		Inbound	Inbound	Total	Coastwise Shipments	Internal			
						Inbound Upbound	Outbound Downbnd	Upbound	Through Downbnd
Total, all commodities	1,282	29	30	1,222	344	331	18	443	87
Total petroleum and petroleum products	482	29	30	423	---	320	---	103	---
Subtotal petroleum products	482	29	30	423	---	320	---	103	---
2221 kerosene	103	---	---	103	---	---	---	103	---
2330 distillate fuel oil	198	29	30	139	---	139	---	---	---
2340 residual fuel oil	83	---	---	83	---	83	---	---	---
2430 asphalt, tar & pitch	98	---	---	98	---	98	---	---	---
Total crude materials, inedible except fuels	713	---	---	713	344	12	18	340	---
Subtotal soil, sand, gravel, rock and stone	713	---	---	713	344	12	18	340	---
4323 gypsum	362	---	---	362	344	---	18	---	---
4331 sand & gravel	351	---	---	351	---	12	---	340	---
Total food and farm products	87	---	---	87	---	---	---	---	87
Subtotal grain	50	---	---	50	---	---	---	---	50
6241 wheat	2	---	---	2	---	---	---	---	2
6344 corn	48	---	---	48	---	---	---	---	48
Subtotal oilseeds	37	---	---	37	---	---	---	---	37
6522 soybeans	37	---	---	37	---	---	---	---	37
Ton-miles (x1000)	80,952	496	515	79,942	19,258	18,819	1,003	39,649	1,212
Tons All Traffic (x1000)			1,282						
Ton-miles All Traffic (x1000)			80,952						
Total Trip-ton-miles Internal and Intraport (x1000)			145,578						

OCCOQUAN CREEK, VA

Section Included: From Potomac River to Occoquan Creek 6 miles. 6 feet deep and 150 feet wide from Potomac River to Taylor's Point and thence 100 feet wide to end of project. Controlling Depth: 6 feet. Project Depth: 6 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	538	2010	497	2013	410	2016	340
2008	762	2011	403	2014	197		
2009	532	2012	392	2015	238		

Freight Traffic, 2016 (thousand short tons)

Commodity	Grand Total	Domestic	
		Inbound	Upbound
Total, all commodities	340	340	340
Total crude materials, inedible except fuels	340	340	340
Subtotal soil, sand, gravel, rock and stone	340	340	340
4331 sand & gravel	340	340	340
Ton-miles (x1000)	2,038		2,038
Tons All Traffic (x1000)		340	
Ton-miles All Traffic (x1000)		2,038	
Total Trip-ton-miles Internal and Intraport (x1000)		47,204	

Other Harbors and Waterways 2016

Harbor or Waterway Project	Commodity	Thousand Short Tons
ANACOSTIA RIVER, DC (INCLUDED IN WASHINGTON HARBOR DC)	2221 kerosene	103
	Total Tons(x1000)	103
	Total Ton-miles(x1000)	103
	Total Trip-ton-miles Internal and Intraport (x1000)	21,383
ANNAPOLIS HARBOR, MD	No Commerce Reported	
AQUIA CREEK, VA	No Commerce Reported	
BACK CREEK, ANNE ARUNDEL COUNTY, MD	No Commerce Reported	
BETTERTON HARBOR, MD	No Commerce Reported	
BLACK WALNUT HARBOR, MD	No Commerce Reported	
BONUM CREEK, VA	No Commerce Reported	
BRANSONS COVE, VA	No Commerce Reported	
BRETON BAY, MD	No Commerce Reported	
BROAD CREEK RIVER, DE	No Commerce Reported	
BROAD CREEK, SOMERSET COUNTY, MD	No Commerce Reported	
BROADWATER CREEK, MD	No Commerce Reported	
CADLE CREEK, MD	No Commerce Reported	
CAMBRIDGE HARBOR, MD	No Commerce Reported	
CHANNEL TO ISLAND CREEK, ST. GEORGE ISLAND, MD	No Commerce Reported	
CHESTER RIVER, MD	4335 waterway improv. mat	5
	7110 machinery (not elec)	0
	Total Tons(x1000)	5
	Total Ton-miles(x1000)	27
	Total Trip-ton-miles Internal and Intraport (x1000)	657
CHOPTANK RIVER, MD	4331 sand & gravel	121
	Total Tons(x1000)	121
	Total Ton-miles(x1000)	966
	Total Trip-ton-miles Internal and Intraport (x1000)	11,235
CLAIBORNE HARBOR, MD	No Commerce Reported	
COAN RIVER, VA	No Commerce Reported	
CORSICA RIVER, MD	No Commerce Reported	
CRISFIELD HARBOR, MD	No Commerce Reported	
CUCKOLD CREEK, MD	No Commerce Reported	
DUCK POINT COVE, MD	No Commerce Reported	
ELK AND LITTLE ELK RIVERS, MD	No Commerce Reported	
FISHING BAY TRIBUTARIES, DORCHESTER COUNTY, MD	No Commerce Reported	
FISHING CREEK, CALVERT COUNTY, MD	No Commerce Reported	
GOOSE CREEK, SOMMERSET COUNTY, MD	No Commerce Reported	
HERRING BAY AND ROCKHOLD CREEK, MD	No Commerce Reported	
HERRING CREEK, MD	No Commerce Reported	
HONGA RIVER AND TAR BAY, MD	No Commerce Reported	
ISLAND CREEK, MD	No Commerce Reported	
KNAPPS NARROWS, MD	No Commerce Reported	
LITTLE CREEK, QUEEN ANNES COUNTY, MD	No Commerce Reported	
LITTLE WICOMICO RIVER, VA	No Commerce Reported	
LOWER MACHODOC CREEK, VA	No Commerce Reported	
LOWER THOROUGHFARE AT OR NEAR WENONA, DEAL ISLAND, MD	No Commerce Reported	
LOWES WHARF, TALBOT COUNTY, MD	No Commerce Reported	
MANOKIN RIVER, MD	No Commerce Reported	
MIDDLE RIVER AND DARK HEAD CREEK, MD	4331 sand & gravel	0
	Total Tons(x1000)	0
	Total Ton-miles(x1000)	0
	Total Trip-ton-miles Internal and Intraport (x1000)	2
MILL CREEK, MD	No Commerce Reported	
MONROE BAY AND CREEK, VA	No Commerce Reported	
MUDDY HOOK AND TYLER COVES, MD	No Commerce Reported	
NAN COVE, MD	No Commerce Reported	
NANTICOKE RIVER AT BIVALVE, MD	No Commerce Reported	
NANTICOKE RIVER AT NANTICOKE, MD	No Commerce Reported	
NEALE SOUND, MD	No Commerce Reported	
NOMINI BAY AND CREEK, VA	No Commerce Reported	
NORTHEAST RIVER, MD	No Commerce Reported	
OCEAN CITY HARBOR AND INLET AND SINEPUXENT BAY, MD	No Commerce Reported	
PARISH CREEK, MD	No Commerce Reported	
PATUXENT RIVER, MD	2221 kerosene	41
	4331 sand & gravel	4
	4420 iron & steel scrap	0
	5220 cement & concrete	0
	5290 misc. mineral prod.	0
	5320 i&s primary forms	0
	5370 i&s pipe & tube	0
	7110 machinery (not elec)	0
	7400 manufac. wood prod.	0
	Total Tons(x1000)	47
	Total Ton-miles(x1000)	104
	Total Trip-ton-miles Internal and Intraport (x1000)	6,291
POTOMAC RIVER AT ALEXANDRIA, VA	4331 sand & gravel	12
	Total Tons(x1000)	12
POTOMAC RIVER AT LOWER CEDAR POINT, MD	No Commerce Reported	
POTOMAC RIVER AT MT. VERNON, VA	No Commerce Reported	

Other Harbors and Waterways 2016 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
POTOMAC RIVER, VIRGINIA CHANNEL, DC (INCLUDED IN WASHINGTON HARBOR, DC)	No Commerce Reported	
POTOMAC RIVER, WASHINGTON CHANNEL, DC (INCLUDED IN REPORT FOR WASHINGTON HARBOR, DC)	No Commerce Reported	
QUEENSTOWN HARBOR, MD	No Commerce Reported	
RHODES POINT TO TYLERTON, SOMERSET COUNTY, MD	No Commerce Reported	
ROCK HALL HARBOR, MD	No Commerce Reported	
SLAUGHTER CREEK, MD	No Commerce Reported	
SMITH CREEK, MD	No Commerce Reported	
ST. CATHERINES SOUND, MD	No Commerce Reported	
ST. JEROME CREEK, MD	No Commerce Reported	
ST. MICHAELS HARBOR, MD	No Commerce Reported	
ST. PATRICKS CREEK, MD	No Commerce Reported	
ST. PETERS CREEK, MD	No Commerce Reported	
TILGHMAN ISLAND HARBOR, MD	No Commerce Reported	
TOWN CREEK, MD	No Commerce Reported	
TRED AVON RIVER, MD	4331 sand & gravel	121
	Total Tons(x1000)	121
	Total Ton-miles(x1000)	1,208
	Total Trip-ton-miles Internal and Intraport (x1000)	11,235
TWITCH COVE AND BIG THOROUGHFARE RIVER, MD	No Commerce Reported	
TYASKIN CREEK, MD	No Commerce Reported	
UPPER MACHODOC CREEK, VA	No Commerce Reported	
UPPER THOROUGHFARE, DEAL ISLAND, MD	No Commerce Reported	
WARWICK RIVER, MD	No Commerce Reported	
WASHINGTON HARBOR, DC	2221 kerosene	103
	Total Tons(x1000)	103
WATERWAY FROM LITTLE CHOPTANK RIVER TO CHOPTANK RIVER, MD	No Commerce Reported	

NORFOLK HARBOR, VA

Section Included: From 55-foot contour in Hampton Roads to Norfolk & Western Railway Bridge Crossing Southern Branch of Elizabeth River, 14.78 miles; thence upstream in Southern Branch, 4.61 miles. In Eastern Branch, 2.54 miles upstream from the mouth of that branch; in Western Branch, 1.78 miles upstream from the mouth of that branch; and 0.73 miles in Scotts Creek. Maintained Depth: From the 55 foot contour in Hampton Roads to Lambert Point, outbound half 50 feet, inbound half, 45 feet; Lambert Point to Norfolk & Western Railway Bridge Crossing Southern Branch, 39.3 feet; branch channels range from 5 to 35 feet. Two anchorages opposite Sewells Point, 45 feet deep over a swinging radius of 1,200 feet, the west anchorage maintained to 40 feet deep. Anchorage area on the west side of the 45-foot channel opposite Lamberts Point totalling 173 acres consisting of 1-1500 s.f. area 38 ft. deep; 1-1500 s.f. area 35 ft. deep; 1-3000 ft. by 1000 ft. area 20 ft., and a 45 acre area 12 ft. deep at Pinnars Point. Tidal range to 3 feet mean higher high water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	40,167	2010	41,958	2013	49,407	2016	40,788
2008	45,115	2011	47,715	2014	48,563		
2009	40,838	2012	46,759	2015	42,136		

Totals above include thru traffic.

Freight Traffic, 2016 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
Total, all commodities	35,425	10,923	24,320	176	6
Total coal	9,506	3	9,502	0	---
1100 coal & lignite	9,503	0	9,502	0	---
1200 coal coke	3	3	---	---	---
Total petroleum and petroleum products	516	102	352	62	---
Subtotal petroleum products	516	102	352	62	---
2211 gasoline	32	3	0	28	---
2221 kerosene	0	0	0	---	---
2330 distillate fuel oil	97	62	4	31	---
2340 residual fuel oil	12	12	0	---	---
2350 lube oil & greases	15	1	14	---	---
2410 petro. jelly & waxes	8	5	2	---	---
2429 naphtha & solvents	25	9	16	---	---
2430 asphalt, tar & pitch	5	5	0	---	---
2540 petroleum coke	188	1	184	2	---
2640 hydrocarbon & petrol gases, liquefied and gaseous	134	3	131	---	---
Total chemicals and related products	2,854	1,534	1,320	0	0
Subtotal fertilizers	360	204	156	0	---
3110 nitrogenous fert.	298	160	138	---	---
3120 phosphatic fert.	11	11	0	---	---
3130 potassic fert.	22	21	0	---	---
3190 fert. & mixes nec	30	12	18	0	---
Subtotal other chemicals and related products	2,494	1,329	1,164	0	0
3211 acyclic hydrocarbons	10	4	6	---	---
3212 benzene & toluene	1	0	1	---	---
3219 other hydrocarbons	22	16	6	---	---
3220 alcohols	129	99	29	---	---
3230 carboxylic acids	118	80	38	---	0
3240 nitrogen func. comp.	170	83	87	---	---
3250 organo - inorg. comp.	38	19	19	---	---
3260 organic comp. nec	89	33	57	---	---
3271 sulphur (liquid)	0	0	0	---	---
3272 sulphuric acid	2	1	1	---	---
3273 ammonia	0	0	0	---	---
3274 sodium hydroxide	27	24	3	---	---
3275 inorg. elem., oxides, & halogen salts	182	97	85	---	---
3276 metallic salts	201	181	20	---	---
3279 inorganic chem. nec	19	12	7	---	---
3281 radioactive material	3	2	2	---	---
3282 pigments & paints	63	33	30	---	---
3283 coloring mat. nec	43	15	28	0	---
3284 medicines	129	31	98	---	0
3285 perfumes & cleansers	127	62	65	---	---
3286 plastics	707	341	366	0	0
3291 pesticides	26	7	18	---	---
3292 starches, gluten, glue	142	84	58	---	---
3293 explosives	2	2	0	---	---
3297 chemical additives	28	6	22	---	---
3298 wood & resin chem.	10	7	3	---	---
3299 chem. products nec	204	90	114	---	---
Total crude materials, inedible except fuels	5,289	919	4,258	112	0
Subtotal forest products, wood and chips	2,723	360	2,363	---	0
4110 rubber & gums	127	125	2	---	---
4150 fuel wood	1,504	1	1,503	---	---
4161 wood chips	1	0	1	---	---
4170 wood in the rough	273	5	268	---	---
4189 lumber	791	206	585	---	0
4190 forest products nec	28	24	4	---	---
Subtotal pulp and waste paper	1,508	12	1,497	---	---
4225 pulp & waste paper	1,508	12	1,497	---	---
Subtotal soil, sand, gravel, rock and stone	302	170	21	112	---
4310 building stone	172	156	15	---	---
4322 limestone	117	4	0	112	---
4323 gypsum	3	0	3	---	---
4331 sand & gravel	11	9	2	---	---
Subtotal iron ore and scrap	244	1	243	---	---
4410 iron ore	0	0	0	---	---
4420 iron & steel scrap	244	1	243	---	---

NORFOLK HARBOR, VA
Freight Traffic, 2016 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
Subtotal marine shells	0	0	0	---	---
4515 marine shells	0	0	0	---	---
Subtotal non-ferrous ores and scrap	122	26	96	---	0
4630 copper ore	2	1	1	---	---
4650 aluminum ore	19	15	4	---	---
4670 manganese ore	1	---	1	---	---
4680 non-ferrous scrap	91	2	89	---	0
4690 non-ferrous ores nec	9	7	2	---	---
Subtotal sulphur, clay and salt	236	215	21	---	---
4741 sulphur, (dry)	0	0	0	---	---
4782 clay & refrac. mat.	25	8	17	---	---
4783 salt	210	206	4	---	---
Subtotal slag	7	7	0	---	---
4860 slag	7	7	0	---	---
Subtotal other non-metal. min.	144	128	16	---	---
4900 non-metal. min. nec	144	128	16	---	---
Total primary manufactured goods	2,974	2,140	830	1	3
Subtotal paper products	695	266	428	1	---
5110 newsprint	13	0	13	0	---
5120 paper & paperboard	502	152	349	1	---
5190 paper products nec	180	114	66	0	---
Subtotal lime, cement and glass	707	641	67	---	0
5210 lime	0	0	0	---	---
5220 cement & concrete	136	136	1	---	---
5240 glass & glass prod.	138	118	20	---	---
5290 misc. mineral prod.	433	387	46	---	0
Subtotal primary iron and steel products	325	261	61	0	3
5312 pig iron	8	3	4	---	---
5315 ferro alloys	13	10	3	---	---
5320 i&s primary forms	54	27	26	---	---
5330 i&s plates & sheets	36	30	6	0	---
5360 i&s bars & shapes	105	94	8	---	3
5370 i&s pipe & tube	79	73	6	---	---
5390 primary i&s nec	30	23	8	---	---
Subtotal primary non-ferrous metal products	1,156	906	250	0	0
5421 copper	35	24	11	---	---
5422 aluminum	155	138	18	0	---
5429 smelted prod. nec	84	35	49	---	---
5480 fab. metal products	882	710	172	0	0
Subtotal primary wood products	91	66	25	---	---
5540 primary wood prod.	91	66	25	---	---
Total food and farm products	7,282	1,518	5,763	0	0
Subtotal fish	125	119	6	0	0
6134 fish (not shellfish)	88	84	3	---	---
6136 shellfish	37	35	2	0	0
Subtotal grain	500	16	484	---	---
6241 wheat	153	1	152	---	---
6344 corn	329	3	326	---	---
6442 rice	13	11	2	---	---
6443 barley & rye	4	0	4	---	---
6445 oats	0	0	0	---	---
6447 sorghum grains	1	0	1	---	---
Subtotal oilseeds	2,739	40	2,699	---	---
6521 peanuts	46	3	43	---	---
6522 soybeans	2,306	23	2,282	---	---
6534 flaxseed	1	1	1	---	---
6590 oilseeds nec	386	13	373	---	---
Subtotal vegetable products	787	144	643	0	---
6653 vegetable oils	204	24	180	---	---
6654 vegetables & prod.	583	120	463	0	---
Subtotal processed grain and animal feed	818	46	773	---	---
6746 wheat flour	13	3	10	---	---
6747 grain mill products	99	22	78	---	---
6781 hay & fodder	2	1	1	---	---
6782 animal feed, prep.	704	20	683	---	---
Subtotal other agricultural products	2,313	1,154	1,159	0	0
6811 meat, fresh, frozen	322	27	294	---	---
6817 meat, prepared	20	2	18	---	---
6822 dairy products	30	14	16	---	---
6835 fish, prepared	24	16	8	---	---
6838 tallow, animal oils	34	1	33	---	---
6839 animals & prod. nec	34	6	28	---	---
6856 bananas & plantains	43	43	0	---	---
6857 fruit & nuts nec	102	71	31	---	---
6858 fruit juices	65	56	9	---	---
6861 sugar	4	3	1	---	---
6865 molasses	2	2	0	---	---
6871 coffee	154	147	8	---	---
6872 cocoa beans	34	33	1	---	---
6885 alcoholic beverages	327	245	82	0	---
6888 water & ice	100	99	1	---	---
6889 food products nec	479	215	264	---	0
6891 tobacco & products	296	138	157	---	---
6893 cotton	92	18	74	---	---
6894 natural fibers nec	11	8	3	---	---
6899 farm products nec	140	9	132	---	---

NORFOLK HARBOR, VA
Freight Traffic, 2016 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
Total all manufactured equipment, machinery and products	6,014	4,339	1,672	1	2
7110 machinery (not elec)	903	597	306	0	0
7120 electrical machinery	619	487	132	0	1
7210 vehicles & parts	718	519	199	0	0
7220 aircraft & parts	20	5	15	—	—
7230 ships & boats	5	2	2	—	0
7300 ordnance & access.	8	7	2	—	—
7400 manufac. wood prod.	161	98	63	—	0
7500 textile products	809	592	217	—	0
7600 rubber & plastic pr.	759	559	200	0	0
7900 manufac. prod. nec	2,012	1,474	536	0	1
Total unknown or not elsewhere classified	991	369	622	0	0
9900 unknown or nec	991	369	622	0	0
Ton-miles (x1000)	387,562	117,073	267,811	2,611	66
Foreign & Canadian					

Commodity	Total	Coastwise			
		Receipts	Shipments	Through	
				Upbound	Downbnd
Total, all commodities	766	217	529	14	6
Total petroleum and petroleum products	150	106	35	3	5
Subtotal petroleum products	150	106	35	3	5
2211 gasoline	66	66	—	—	—
2221 kerosene	7	—	7	—	—
2330 distillate fuel oil	9	—	9	—	—
2340 residual fuel oil	52	34	18	—	—
2430 asphalt, tar & pitch	15	6	—	3	5
Total chemicals and related products	117	96	21	—	—
Subtotal fertilizers	61	40	21	—	—
3110 nitrogenous fert.	61	40	21	—	—
Subtotal other chemicals and related products	56	56	—	—	—
3220 alcohols	8	8	—	—	—
3274 sodium hydroxide	48	48	—	—	—
Total crude materials, inedible except fuels	11	—	—	11	—
Subtotal iron ore and scrap	11	—	—	11	—
4420 iron & steel scrap	11	—	—	11	—
Total primary manufactured goods	15	15	0	—	—
Subtotal lime, cement and glass	14	14	—	—	—
5240 glass & glass prod.	14	14	—	—	—
Subtotal primary non-ferrous metal products	1	1	0	—	—
5480 fab. metal products	1	1	0	—	—
Total all manufactured equipment, machinery and products	2	—	1	—	0
7900 manufac. prod. nec	2	—	1	—	0
Total waste and scrap nec	472	—	472	—	—
8900 waste and scrap nec	472	—	472	—	—
Ton-miles (x1000)	12,535	3,440	8,736	264	95
Coastwise					

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	4,597	2,702	6	460	711	539	4	18	156
Total petroleum and petroleum products	794	202	—	321	109	8	—	7	148
Subtotal crude petroleum	4	4	—	—	—	—	—	—	—
2100 crude petroleum	4	4	—	—	—	—	—	—	—
Subtotal petroleum products	790	198	—	321	109	8	—	7	148
2211 gasoline	60	52	—	—	—	8	—	—	—
2221 kerosene	363	—	—	321	42	—	—	—	—
2330 distillate fuel oil	105	88	—	—	5	—	—	5	7
2340 residual fuel oil	233	32	—	—	60	—	—	1	139
2350 lube oil & greases	3	—	—	—	2	—	—	0	1
2430 asphalt, tar & pitch	26	26	—	—	—	—	—	—	—
Total chemicals and related products	241	163	—	—	77	—	2	—	—
Subtotal fertilizers	177	163	—	—	13	—	2	—	—
3110 nitrogenous fert.	177	163	—	—	13	—	2	—	—
Subtotal other chemicals and related products	64	—	—	—	64	—	—	—	—
3220 alcohols	44	—	—	—	44	—	—	—	—
3274 sodium hvdroxide	19	—	—	—	19	—	—	—	—
Total crude materials, inedible except fuels	2,198	1,453	—	139	110	494	3	—	—
Subtotal soil, sand, gravel, rock and stone	1,755	1,453	—	—	110	192	—	—	—
4322 limestone	110	—	—	—	110	—	—	—	—
4323 gypsum	161	161	—	—	—	—	—	—	—
4331 sand & gravel	1,484	1,292	—	—	—	192	—	—	—
Subtotal iron ore and scrap	444	—	—	139	—	302	3	—	—

NORFOLK HARBOR, VA
Freight Traffic, 2016 - continued
(thousand short tons)

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
4420 iron & steel scrap	444	—	—	139	—	302	3	—	—
Total primary manufactured goods	71	27	—	—	0	38	—	2	5
Subtotal lime, cement and glass	33	27	—	—	—	—	—	1	5
5220 cement & concrete	32	27	—	—	—	—	—	—	5
5290 misc. mineral prod.	1	—	—	—	—	—	—	1	0
Subtotal primary iron and steel products	38	—	—	—	—	38	—	0	0
5312 pig iron	3	—	—	—	—	3	—	—	—
5360 i&s bars & shapes	0	—	—	—	—	—	—	0	—
5370 i&s pipe & tube	0	—	—	—	—	—	—	—	0
5390 primary i&s nec	35	—	—	—	—	35	—	—	—
Subtotal primary non-ferrous metal products	0	—	—	—	0	—	—	0	—
5480 fab. metal products	0	—	—	—	0	—	—	0	—
Total food and farm products	960	737	6	—	217	—	—	—	—
Subtotal grain	183	179	—	—	3	—	—	—	—
6241 wheat	58	58	—	—	—	—	—	—	—
6344 corn	121	118	—	—	3	—	—	—	—
6443 barley & rye	4	4	—	—	—	—	—	—	—
Subtotal oilseeds	778	558	6	—	214	—	—	—	—
6522 soybeans	559	553	6	—	—	—	—	—	—
6590 oilseeds nec	219	5	—	—	214	—	—	—	—
Total all manufactured equipment, machinery and products	319	120	—	0	198	—	—	—	0
7110 machinery (not elec)	0	—	—	—	—	—	—	—	0
7120 electrical machinery	1	—	—	—	1	—	—	—	—
7230 ships & boats	0	—	—	0	—	—	—	—	—
7900 manufac. prod. nec	317	120	—	—	197	—	—	—	—
Total waste and scrap nec	13	0	—	—	0	—	—	10	3
8900 waste and scrap nec	13	0	—	—	0	—	—	10	3
Ton-miles	60,605	35,591	24	4,269	9,059	10,129	85	52	1,397

Tons All Traffic (x1000) 40,788
Ton-miles All Traffic (x1000) 460,702
Total Trip-ton-miles Internal and Intraport (x1000) 803,570

PORT OF VIRGINIA

Section Included: Norfolk Harbor, Port of Newport News (including Newport News Creek), Hampton Creek, and channel from Phoebus to Deepwater in Hampton Roads, VA. Published as Hampton Roads, VA prior to calendar year 2015

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	54,813	2010	62,301	2013	78,635	2016	54,048
2008	67,093	2011	72,498	2014	73,703		
2009	58,275	2012	76,658	2015	57,762		

Freight Traffic, 2016 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
Total, all commodities	48,683	11,252	37,050	189	193
Total coal	22,092	3	21,963	0	126
1100 coal & lignite	22,089	0	21,963	0	126
1200 coal coke	3	3	—	—	—
Total petroleum and petroleum products	835	156	557	62	61
Subtotal petroleum products	835	156	557	62	61
2211 gasoline	55	27	0	28	—
2221 kerosene	0	0	0	—	—
2330 distillate fuel oil	97	62	4	31	—
2340 residual fuel oil	12	12	0	—	—
2350 lube oil & greases	15	1	14	—	—
2410 petro. jelly & waxes	8	6	2	—	—
2429 naphtha & solvents	26	9	16	—	—
2430 asphalt, tar & pitch	5	5	0	—	—
2540 petroleum coke	483	31	388	2	61
2640 hydrocarbon & petrol gases. liquefied and gaseous	134	3	131	—	—
Total chemicals and related products	2,878	1,543	1,334	0	0
Subtotal fertilizers	360	204	156	0	—
3110 nitrogenous fert.	298	160	138	—	—
3120 phosphatic fert.	11	11	0	—	—
3130 potassic fert.	22	21	0	—	—
3190 fert. & mixes nec	30	12	18	0	—
Subtotal other chemicals and related products	2,518	1,339	1,178	0	0
3211 acyclic hydrocarbons	10	4	6	—	—
3212 benzene & toluene	1	0	1	—	—
3219 other hydrocarbons	23	16	7	—	—
3220 alcohols	129	99	30	—	—

PORT OF VIRGINIA
Freight Traffic, 2016 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
3230 carboxylic acids	118	80	39	—	0
3240 nitrogen func. comp.	171	84	88	—	—
3250 organo - inorg. comp.	39	19	20	—	—
3260 organic comp. nec	90	33	57	—	—
3271 sulphur (liquid)	0	0	0	—	—
3272 sulphuric acid	2	1	1	—	—
3273 ammonia	0	0	0	—	—
3274 sodium hydroxide	27	24	3	—	—
3275 inorg. elem., oxides, & halogen salts	183	97	86	—	—
3276 metallic salts	206	186	20	—	—
3279 inorganic chem. nec	19	12	7	—	—
3281 radioactive material	3	2	2	—	—
3282 pigments & paints	63	33	30	—	—
3283 coloring mat. nec	43	15	28	0	—
3284 medicines	131	32	100	—	0
3285 perfumes & cleansers	128	62	65	—	—
3286 plastics	715	342	373	0	0
3291 pesticides	26	7	18	—	—
3292 starches, gluten, glue	142	84	58	—	—
3293 explosives	2	2	0	—	—
3297 chemical additives	28	6	23	—	—
3298 wood & resin chem.	10	7	3	—	—
3299 chem. products nec	205	90	115	—	—
Total crude materials, inedible except fuels	5,304	929	4,263	112	0
Subtotal forest products, wood and chips	2,727	363	2,364	—	0
4110 rubber & gums	129	127	2	—	—
4150 fuel wood	1,504	1	1,503	—	—
4161 wood chips	1	0	1	—	—
4170 wood in the rough	273	5	268	—	—
4189 lumber	792	206	586	—	0
4190 forest products nec	28	24	4	—	—
Subtotal pulp and waste paper	1,511	12	1,499	—	—
4225 pulp & waste paper	1,511	12	1,499	—	—
Subtotal soil, sand, gravel, rock and stone	302	170	21	112	—
4310 building stone	172	156	15	—	—
4322 limestone	117	4	0	112	—
4323 gypsum	3	0	3	—	—
4331 sand & gravel	11	9	2	—	—
Subtotal iron ore and scrap	245	1	244	—	—
4410 iron ore	0	0	0	—	—
4420 iron & steel scrap	245	1	244	—	—
Subtotal marine shells	0	0	0	—	—
4515 marine shells	0	0	0	—	—
Subtotal non-ferrous ores and scrap	123	26	97	—	0
4630 copper ore	2	1	1	—	—
4650 aluminum ore	19	15	4	—	—
4670 manganese ore	1	—	1	—	—
4680 non-ferrous scrap	91	2	89	—	0
4690 non-ferrous ores nec	9	7	2	—	—
Subtotal sulphur, clay and salt	236	215	22	—	—
4741 sulphur, (dry)	0	0	0	—	—
4782 clay & refrac. mat.	25	8	17	—	—
4783 salt	210	206	4	—	—
Subtotal slag	7	7	0	—	—
4860 slag	7	7	0	—	—
Subtotal other non-metal. min.	152	135	16	—	—
4900 non-metal. min. nec	152	135	16	—	—
Total primary manufactured goods	3,183	2,327	839	14	3
Subtotal paper products	713	268	432	13	—
5110 newsprint	26	0	13	13	—
5120 paper & paperboard	505	152	353	1	—
5190 paper products nec	182	115	66	0	—
Subtotal lime, cement and glass	881	814	67	—	0
5210 lime	0	0	0	—	—
5220 cement & concrete	308	307	1	—	—
5240 glass & glass prod.	138	118	20	—	—
5290 misc. mineral prod.	435	388	47	—	0
Subtotal primary iron and steel products	335	271	61	0	3
5312 pig iron	8	3	5	—	—
5315 ferro alloys	13	10	3	—	—
5320 i&s primary forms	54	28	26	—	—
5330 i&s plates & sheets	36	30	6	0	—
5360 i&s bars & shapes	110	99	8	—	3
5370 i&s pipe & tube	83	77	6	—	—
5390 primary i&s nec	30	23	8	—	—
Subtotal primary non-ferrous metal products	1,160	909	250	0	0
5421 copper	35	24	11	—	—
5422 aluminum	156	138	18	0	—
5429 smelted prod. nec	84	35	49	—	—
5480 fab. metal products	885	713	172	0	0
Subtotal primary wood products	95	66	28	—	—
5540 primary wood prod.	95	66	28	—	—
Total food and farm products	7,294	1,520	5,774	0	0
Subtotal fish	126	120	6	0	0
6134 fish (not shellfish)	88	84	3	—	—
6136 shellfish	38	35	2	0	0

PORT OF VIRGINIA
Freight Traffic, 2016 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
Subtotal grain	500	16	484	---	---
6241 wheat	153	1	152	---	---
6344 corn	330	3	326	---	---
6442 rice	13	11	2	---	---
6443 barley & rye	4	0	4	---	---
6445 oats	0	0	0	---	---
6447 sorghum grains	1	0	1	---	---
Subtotal oilseeds	2,742	40	2,702	---	---
6521 peanuts	46	3	43	---	---
6522 soybeans	2,308	24	2,284	---	---
6534 flaxseed	1	1	1	---	---
6590 oilseeds nec	387	13	374	---	---
Subtotal vegetable products	789	144	645	0	---
6653 vegetable oils	204	24	180	---	---
6654 vegetables & prod.	585	120	466	0	---
Subtotal processed grain and animal feed	820	46	775	---	---
6746 wheat flour	13	3	10	---	---
6747 grain mill products	100	22	78	---	---
6781 hay & fodder	2	1	1	---	---
6782 animal feed, prep.	705	20	685	---	---
Subtotal other agricultural products	2,316	1,155	1,162	0	0
6811 meat, fresh, frozen	323	28	295	---	---
6817 meat, prepared	20	2	18	---	---
6822 dairy products	30	14	16	---	---
6835 fish, prepared	24	16	8	---	---
6838 tallow, animal oils	34	1	33	---	---
6839 animals & prod. nec	34	6	28	---	---
6856 bananas & plantains	43	43	0	---	---
6857 fruit & nuts nec	103	71	31	---	---
6858 fruit juices	65	56	9	---	---
6861 sugar	4	3	1	---	---
6865 molasses	2	2	0	---	---
6871 coffee	154	147	8	---	---
6872 cocoa beans	34	33	1	---	---
6885 alcoholic beverages	327	245	82	0	---
6888 water & ice	100	99	1	---	---
6889 food products nec	480	215	265	---	0
6891 tobacco & products	296	138	158	---	---
6893 cotton	93	18	74	---	---
6894 natural fibers nec	11	8	3	---	---
6899 farm products nec	140	9	132	---	---
Total all manufactured equipment, machinery and products	6,101	4,403	1,696	1	2
7110 machinery (not elec)	937	615	321	0	0
7120 electrical machinery	621	488	132	0	1
7210 vehicles & parts	752	552	200	0	0
7220 aircraft & parts	20	5	15	---	---
7230 ships & boats	5	2	2	---	0
7300 ordnance & access.	8	7	2	---	---
7400 manufac. wood prod.	162	98	63	---	0
7500 textile products	816	596	219	---	0
7600 rubber & plastic pr.	763	561	202	0	0
7900 manufac. prod. nec	2,017	1,477	539	0	1
Total unknown or not elsewhere classified	996	371	625	0	0
9900 unknown or nec	996	371	625	0	0
Ton-miles (x1000)	401,055	117,538	280,640	2,624	254
Foreign & Canadian					

Commodity	Total	Coastwise	
		Receipts	Shipments
Total, all commodities	922	230	692
Total coal	115	---	115
1100 coal & lignite	115	---	115
Total petroleum and petroleum products	192	113	79
Subtotal petroleum products	192	113	79
2211 gasoline	66	66	---
2221 kerosene	7	---	7
2330 distillate fuel oil	9	---	9
2340 residual fuel oil	52	34	18
2430 asphalt, tar & pitch	57	13	44
Total chemicals and related products	117	96	21
Subtotal fertilizers	61	40	21
3110 nitrogenous fert.	61	40	21
Subtotal other chemicals and related products	56	56	---
3220 alcohols	8	8	---
3274 sodium hydroxide	48	48	---
Total primary manufactured goods	26	21	4
Subtotal lime, cement and glass	14	14	---
5240 glass & glass prod.	14	14	---
Subtotal primary non-ferrous metal products	11	7	4
5480 fab. metal products	11	7	4
Total all manufactured equipment, machinery and products	1	---	1
7900 manufac. prod. nec	1	---	1
Total waste and scrap nec	472	---	472
8900 waste and scrap nec	472	---	472

PORT OF VIRGINIA
Freight Traffic, 2016 - continued
(thousand short tons)

Commodity	Total	Coastwise	
		Receipts	Shipments
Ton-miles (x1000) Coastwise	12,346	3,452	8,894

Commodity	Total	Internal					
		Inbound		Outbound		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	4,443	2,923	6	460	833	65	156
Total coal	145	---	---	---	145	---	---
1100 coal & lignite	145	---	---	---	145	---	---
Total petroleum and petroleum products	900	293	---	321	85	54	148
Subtotal crude petroleum	4	4	---	---	---	---	---
2100 crude petroleum	4	4	---	---	---	---	---
Subtotal petroleum products	897	289	---	321	85	54	148
2211 gasoline	52	52	---	---	---	---	---
2221 kerosene	363	---	---	321	39	3	---
2330 distillate fuel oil	113	94	---	---	5	7	7
2340 residual fuel oil	233	32	---	---	18	43	139
2350 lube oil & greases	3	---	---	---	2	0	1
2430 asphalt, tar & pitch	132	110	---	---	21	---	---
Total chemicals and related products	240	163	---	---	77	---	---
Subtotal fertilizers	176	163	---	---	13	---	---
3110 nitrogenous fert.	176	163	---	---	13	---	---
Subtotal other chemicals and related products	64	---	---	---	64	---	---
3220 alcohols	44	---	---	---	44	---	---
3274 sodium hydroxide	19	---	---	---	19	---	---
Total crude materials, inedible except fuels	1,832	1,583	---	139	110	---	---
Subtotal soil, sand, gravel, rock and stone	1,693	1,583	---	---	110	---	---
4322 limestone	110	---	---	---	110	---	---
4323 gypsum	161	161	---	---	---	---	---
4331 sand & gravel	1,423	1,423	---	---	---	---	---
Subtotal iron ore and scrap	139	---	---	139	---	---	---
4420 iron & steel scrap	139	---	---	139	---	---	---
Total primary manufactured goods	34	27	---	---	0	2	5
Subtotal lime, cement and glass	33	27	---	---	---	1	5
5220 cement & concrete	32	27	---	---	---	---	5
5290 misc. mineral prod.	1	---	---	---	---	1	0
Subtotal primary iron and steel products	0	---	---	---	---	0	0
5360 i&s bars & shapes	0	---	---	---	---	0	---
5370 i&s pipe & tube	0	---	---	---	---	---	0
Subtotal primary non-ferrous metal products	0	---	---	---	0	0	---
5480 fab. metal products	0	---	---	---	0	0	---
Total food and farm products	960	737	6	---	217	---	---
Subtotal grain	183	179	---	---	3	---	---
6241 wheat	58	58	---	---	---	---	---
6344 corn	121	118	---	---	3	---	---
6443 barley & rye	4	4	---	---	---	---	---
Subtotal oilseeds	778	558	6	---	214	---	---
6522 soybeans	559	553	6	---	---	---	---
6590 oilseeds nec	219	5	---	---	214	---	---
Total all manufactured equipment, machinery and products	319	120	---	0	198	---	0
7110 machinery (not elec)	0	---	---	---	---	---	0
7120 electrical machinery	1	---	---	---	1	---	---
7230 ships & boats	0	---	---	0	---	---	---
7900 manufac. prod. nec	317	120	---	---	197	---	---
Total waste and scrap nec	13	0	---	---	0	10	3
8900 waste and scrap nec	13	0	---	---	0	10	3
Ton-miles (x1000) Internal	51,038	35,974	24	4,269	8,620	755	1,397

Tons All Traffic (x1000) 54,048
Ton-miles All Traffic (x1000) 464,439
Total Trip-ton-miles Internal and Intraport (x1000) 704,041

CHANNEL TO NEWPORT NEWS, VA

Section Included: Between the 55-foot depth contours on each side of middle ground shoal in Hampton Roads, VA, 6 miles. Maintained Depth: Outbound half of channel, 50.2 feet at mean low water; inbound half of channel, 50.1 feet at mean low water. Project Length: 6 miles, maintained to 50 feet deep, also includes two deep draft anchorage berths opposite Newport News 45 deep over a 1,200 foot swing radius, maintained to 40 feet deep. Tidal range to 3 feet mean higher high water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	19,068	2010	23,128	2013	31,903	2016	16,159
2008	25,841	2011	27,378	2014	28,192		
2009	20,725	2012	32,681	2015	18,602		

Freight Traffic, 2016 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Through		Through	
		Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	13,823	405	13,219	12	187
Total coal	12,587	---	12,460	---	126
1100 coal & lignite	12,587	---	12,460	---	126
Total petroleum and petroleum products	319	54	204	---	61
Subtotal petroleum products	319	54	204	---	61
2211 gasoline	24	24	---	---	---
2350 lube oil & greases	0	---	0	---	---
2410 petro. jelly & waxes	0	0	0	---	---
2429 naphtha & solvents	0	0	0	---	---
2430 asphalt, tar & pitch	0	0	---	---	---
2540 petroleum coke	295	30	204	---	61
2640 hydrocarbon & petrol gases, liquefied and aaseous	0	---	0	---	---
Total chemicals and related products	533	30	503	---	---
Subtotal fertilizers	489	0	489	---	---
3110 nitrogenous fert.	489	---	489	---	---
3130 potassic fert.	0	---	0	---	---
3190 fert. & mixes nec	0	0	0	---	---
Subtotal other chemicals and related products	44	30	14	---	---
3212 benzene & toluene	0	---	0	---	---
3219 other hydrocarbons	1	0	0	---	---
3220 alcohols	0	0	0	---	---
3230 carboxylic acids	1	0	0	---	---
3240 nitrogen func. comp.	1	1	1	---	---
3250 organo - inorg. comp.	1	0	1	---	---
3260 organic comp. nec	0	0	0	---	---
3274 sodium hydroxide	19	19	0	---	---
3275 inorg. elem., oxides, & halogen salts	3	2	1	---	---
3276 metallic salts	5	5	0	---	---
3279 inorganic chem. nec	0	0	0	---	---
3281 radioactive material	0	0	0	---	---
3282 pigments & paints	0	0	0	---	---
3283 coloring mat. nec	0	0	0	---	---
3284 medicines	2	0	2	---	---
3285 perfumes & cleansers	0	0	0	---	---
3286 plastics	8	1	7	---	---
3291 pesticides	0	0	0	---	---
3292 starches, gluten, glue	0	0	0	---	---
3297 chemical additives	0	0	0	---	---
3298 wood & resin chem.	0	0	0	---	---
3299 chem. products nec	1	0	1	---	---
Total crude materials, inedible except fuels	71	65	5	---	---
Subtotal forest products, wood and chips	3	2	1	---	---
4110 rubber & gums	2	2	0	---	---
4150 fuel wood	0	---	0	---	---
4170 wood in the rough	0	0	0	---	---
4189 lumber	1	0	1	---	---
4190 forest products nec	0	0	0	---	---
Subtotal pulp and waste paper	3	---	3	---	---
4225 pulp & waste paper	3	---	3	---	---
Subtotal soil, sand, gravel, rock and stone	56	56	---	---	---
4310 building stone	0	0	---	---	---
4322 limestone	56	56	---	---	---
Subtotal iron ore and scrap	1	---	1	---	---
4420 iron & steel scrap	1	---	1	---	---
Subtotal non-ferrous ores and scrap	1	0	0	---	---
4650 aluminum ore	0	0	---	---	---
4670 manganese ore	0	---	0	---	---
4680 non-ferrous scrap	0	0	0	---	---
Subtotal sulphur, clay and salt	0	0	0	---	---
4782 clay & refrac. mat.	0	---	0	---	---
4783 salt	0	0	0	---	---
Subtotal other non-metal. min.	7	7	0	---	---
4900 non-metal. min. nec	7	7	0	---	---
Total primary manufactured goods	209	187	9	12	---
Subtotal paper products	18	1	4	12	---
5110 newsprint	12	---	---	12	---
5120 paper & paperboard	4	0	4	---	---
5190 paper products nec	1	1	0	---	---
Subtotal lime, cement and glass	174	173	1	---	---
5220 cement & concrete	171	171	---	---	---
5240 glass & glass prod.	0	0	0	---	---
5290 misc. mineral prod.	2	2	1	---	---
Subtotal primary iron and steel products	10	9	1	---	---
5312 pig iron	0	0	0	---	---

CHANNEL TO NEWPORT NEWS, VA
Freight Traffic, 2016 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Through		Through	
		Upbound	Downbnd	Upbound	Downbnd
5320 i&s primary forms	0	0	—	—	—
5330 i&s plates & sheets	0	0	—	—	—
5360 i&s bars & shapes	6	6	0	—	—
5370 i&s pipe & tube	4	4	0	—	—
5390 primary i&s nec	0	0	—	—	—
Subtotal primary non-ferrous metal products	4	4	0	—	—
5421 copper	0	0	0	—	—
5422 aluminum	0	0	—	—	—
5429 smelted prod. nec	0	0	0	—	—
5480 fab. metal products	3	3	0	—	—
Subtotal primary wood products	4	0	4	—	—
5540 primary wood prod.	4	0	4	—	—
Total food and farm products	12	2	10	—	—
Subtotal fish	0	0	0	—	—
6134 fish (not shellfish)	0	0	—	—	—
6136 shellfish	0	0	0	—	—
Subtotal grain	0	0	0	—	—
6344 corn	0	—	0	—	—
6442 rice	0	0	0	—	—
Subtotal oilseeds	4	1	3	—	—
6522 soybeans	2	1	1	—	—
6590 oilseeds nec	2	0	2	—	—
Subtotal vegetable products	3	0	3	—	—
6653 vegetable oils	0	0	0	—	—
6654 vegetables & prod.	3	0	3	—	—
Subtotal processed grain and animal feed	2	0	2	—	—
6747 grain mill products	0	0	0	—	—
6782 animal feed, prep.	2	—	2	—	—
Subtotal other agricultural products	4	1	2	—	—
6811 meat, fresh, frozen	1	0	1	—	—
6822 dairy products	0	—	0	—	—
6838 tallow, animal oils	0	—	0	—	—
6857 fruit & nuts nec	0	0	0	—	—
6858 fruit juices	0	0	0	—	—
6872 cocoa beans	0	0	—	—	—
6885 alcoholic beverages	0	0	0	—	—
6888 water & ice	0	0	—	—	—
6889 food products nec	1	0	1	—	—
6891 tobacco & products	0	—	0	—	—
6893 cotton	1	0	0	—	—
6894 natural fibers nec	0	0	0	—	—
Total all manufactured equipment, machinery and products	88	64	24	—	—
7110 machinery (not elec)	34	19	15	—	—
7120 electrical machinery	2	2	1	—	—
7210 vehicles & parts	35	33	1	—	—
7220 aircraft & parts	0	0	—	—	—
7300 ordnance & access.	0	0	—	—	—
7400 manufac. wood prod.	1	1	0	—	—
7500 textile products	7	5	2	—	—
7600 rubber & plastic pr.	4	2	2	—	—
7900 manufac. prod. nec	5	2	2	—	—
Total unknown or not elsewhere classified	5	2	3	—	—
9900 unknown or nec	5	2	3	—	—
Ton-miles (x1000)	42,599	1,366	40,634	37	562
Foreign & Canadian					

Commodity	Total	Domestic			
		Coastwise		Internal	
		Through	Downbnd	Through	Downbnd
Total, all commodities	2,336	13	217	689	1,417
Total coal	260	—	115	—	145
1100 coal & lignite	260	—	115	—	145
Total petroleum and petroleum products	475	7	87	249	132
Subtotal petroleum products	475	7	87	249	132
2221 kerosene	3	—	—	3	—
2330 distillate fuel oil	159	—	40	0	119
2340 residual fuel oil	45	—	4	42	—
2350 lube oil & greases	2	—	—	2	—
2430 asphalt, tar & pitch	266	7	44	203	12
Total chemicals and related products	477	—	—	314	163
Subtotal fertilizers	163	—	—	—	163
3110 nitrogenous fert.	163	—	—	—	163
Subtotal other chemicals and related products	314	—	—	314	—
3220 alcohols	314	—	—	314	—
Total crude materials, inedible except fuels	1,114	—	11	126	977
Subtotal soil, sand, gravel, rock and stone	1,114	—	11	126	977
4322 limestone	110	—	—	110	—
4323 gypsum	202	—	11	—	191
4331 sand & gravel	802	—	—	17	785
Total primary manufactured goods	10	6	4	—	—
Subtotal primary non-ferrous metal products	10	6	4	—	—

CHANNEL TO NEWPORT NEWS, VA
 Freight Traffic, 2016 - continued
 (thousand short tons)

Commodity	Total	Domestic			
		Coastwise		Internal	
		Through		Through	
		Upbound	Downbnd	Upbound	Downbnd
5480 fab. metal products	10	6	4	—	—
Ton-miles (x1000)	10,715	39	759	3,150	6,768
Domestic					

Tons All Traffic (x1000) 16,159
Ton-miles All Traffic (x1000) 53,315
Total Trip-ton-miles Internal and Intraport (x1000) 372,075

PORT OF NEWPORT NEWS, VA (INCLUDING NEWPORT NEWS CREEK, VA)

Section Included: Lower east shore of James River from mouth to 1.8 miles, and portion of north shore of Hampton Roads covering approximately 15,000 linear feet of waterfront at Newport News; and Newport News Creek. Tidal range to 3 feet mean higher high water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	14,969	2010	20,839	2013	29,771	2016	13,730
2008	22,603	2011	25,201	2014	25,701		
2009	18,043	2012	30,508	2015	16,236		

Freight Traffic, 2016 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
Total, all commodities	13,258	328	12,730	12	187
Total coal	12,587	—	12,460	—	126
1100 coal & lignite	12,587	—	12,460	—	126
Total petroleum and petroleum products	319	54	204	—	61
Subtotal petroleum products	319	54	204	—	61
2211 gasoline	24	24	—	—	—
2350 lube oil & greases	0	—	0	—	—
2410 petro. jelly & waxes	0	0	0	—	—
2429 naphtha & solvents	0	0	0	—	—
2430 asphalt, tar & pitch	0	0	—	—	—
2540 petroleum coke	295	30	204	—	61
2640 hydrocarbon & petrol gases, liquefied and aaseous	0	—	0	—	—
Total chemicals and related products	24	10	14	—	—
Subtotal fertilizers	0	0	0	—	—
3130 potassic fert.	0	—	0	—	—
3190 fert. & mixes nec	0	0	0	—	—
Subtotal other chemicals and related products	24	10	14	—	—
3212 benzene & toluene	0	—	0	—	—
3219 other hydrocarbons	1	0	0	—	—
3220 alcohols	0	0	0	—	—
3230 carboxylic acids	1	0	0	—	—
3240 nitrogen func. comp.	1	1	1	—	—
3250 organo - inorg. comp.	1	0	1	—	—
3260 organic comp. nec	0	0	0	—	—
3274 sodium hydroxide	0	—	0	—	—
3275 inorg. elem., oxides, & halogen salts	2	0	1	—	—
3276 metallic salts	5	5	0	—	—
3279 inorganic chem. nec	0	0	0	—	—
3281 radioactive material	0	0	0	—	—
3282 pigments & paints	0	0	0	—	—
3283 coloring mat. nec	0	0	0	—	—
3284 medicines	2	0	2	—	—
3285 perfumes & cleansers	0	0	0	—	—
3286 plastics	8	1	7	—	—
3291 pesticides	0	0	0	—	—
3292 starches, gluten, glue	0	0	0	—	—
3297 chemical additives	0	0	0	—	—
3298 wood & resin chem.	0	0	0	—	—
3299 chem. products nec	1	0	1	—	—
Total crude materials, inedible except fuels	15	10	5	—	—
Subtotal forest products, wood and chips	3	2	1	—	—
4110 rubber & gums	2	2	0	—	—
4150 fuel wood	0	—	0	—	—
4170 wood in the rough	0	0	0	—	—
4189 lumber	1	0	1	—	—
4190 forest products nec	0	0	0	—	—
Subtotal pulp and waste paper	3	—	3	—	—
4225 pulp & waste paper	3	—	3	—	—
Subtotal soil, sand, gravel, rock and stone	0	0	—	—	—
4310 building stone	0	0	—	—	—
Subtotal iron ore and scrap	1	—	1	—	—
4420 iron & steel scrap	1	—	1	—	—
Subtotal non-ferrous ores and scrap	1	0	0	—	—
4650 aluminum ore	0	0	—	—	—
4670 manganese ore	0	—	0	—	—
4680 non-ferrous scrap	0	0	0	—	—
Subtotal sulphur, clay and salt	0	0	0	—	—
4782 clay & refrac. mat.	0	—	0	—	—
4783 salt	0	0	0	—	—

PORT OF NEWPORT NEWS, VA (INCLUDING NEWPORT NEWS CREEK, VA)
Freight Traffic, 2016 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
Subtotal other non-metal. min.	7	7	0	---	---
4900 non-metal. min. nec	7	7	0	---	---
Total primary manufactured goods	209	187	9	12	---
Subtotal paper products	18	1	4	12	---
5110 newsprint	12	---	---	12	---
5120 paper & paperboard	4	0	4	---	---
5190 paper products nec	1	1	0	---	---
Subtotal lime, cement and glass	174	173	1	---	---
5220 cement & concrete	171	171	---	---	---
5240 glass & glass prod.	0	0	0	---	---
5290 misc. mineral prod.	2	2	1	---	---
Subtotal primary iron and steel products	10	9	1	---	---
5312 pig iron	0	0	0	---	---
5320 i&s primary forms	0	0	---	---	---
5330 i&s plates & sheets	0	0	---	---	---
5360 i&s bars & shapes	6	6	0	---	---
5370 i&s pipe & tube	4	4	0	---	---
5390 primary i&s nec	0	0	---	---	---
Subtotal primary non-ferrous metal products	4	4	0	---	---
5421 copper	0	0	0	---	---
5422 aluminum	0	0	---	---	---
5429 smelted prod. nec	0	0	0	---	---
5480 fab. metal products	3	3	0	---	---
Subtotal primary wood products	4	0	4	---	---
5540 primary wood prod.	4	0	4	---	---
Total food and farm products	12	2	10	---	---
Subtotal fish	0	0	0	---	---
6134 fish (not shellfish)	0	0	---	---	---
6136 shellfish	0	0	0	---	---
Subtotal grain	0	0	0	---	---
6344 corn	0	---	0	---	---
6442 rice	0	0	0	---	---
Subtotal oilseeds	4	1	3	---	---
6522 soybeans	2	1	1	---	---
6590 oilseeds nec	2	0	2	---	---
Subtotal vegetable products	3	0	3	---	---
6653 vegetable oils	0	0	0	---	---
6654 vegetables & prod.	3	0	3	---	---
Subtotal processed grain and animal feed	2	0	2	---	---
6747 grain mill products	0	0	0	---	---
6782 animal feed, prep.	2	---	2	---	---
Subtotal other agricultural products	4	1	2	---	---
6811 meat, fresh, frozen	1	0	1	---	---
6822 dairy products	0	---	0	---	---
6838 tallow, animal oils	0	---	0	---	---
6857 fruit & nuts nec	0	0	0	---	---
6858 fruit juices	0	0	0	---	---
6872 cocoa beans	0	0	---	---	---
6885 alcoholic beverages	0	0	0	---	---
6888 water & ice	0	0	---	---	---
6889 food products nec	1	0	1	---	---
6891 tobacco & products	0	---	0	---	---
6893 cotton	1	0	0	---	---
6894 natural fibers nec	0	0	0	---	---
Total all manufactured equipment, machinery and products	87	64	24	---	---
7110 machinery (not elec)	34	19	15	---	---
7120 electrical machinery	2	2	1	---	---
7210 vehicles & parts	35	33	1	---	---
7220 aircraft & parts	0	0	---	---	---
7300 ordnance & access.	0	0	---	---	---
7400 manufac. wood prod.	1	1	0	---	---
7500 textile products	7	5	2	---	---
7600 rubber & plastic pr.	4	2	2	---	---
7900 manufac. prod. nec	5	2	2	---	---
Total unknown or not elsewhere classified	5	2	3	---	---
9900 unknown or nec	5	2	3	---	---

Commodity	Total	Domestic			
		Coastwise		Internal	
		Receipts	Shipments	Receipts	Shipments
Total, all commodities	472	13	163	129	167
Total coal	260	---	115	---	145
1100 coal & lignite	260	---	115	---	145
Total petroleum and petroleum products	201	7	44	129	21
Subtotal petroleum products	201	7	44	129	21
2221 kerosene	3	---	---	3	---
2330 distillate fuel oil	0	---	---	0	---
2340 residual fuel oil	42	---	---	42	---
2350 lube oil & greases	0	---	---	0	---
2430 asphalt, tar & pitch	157	7	44	85	21
Total primary manufactured goods	10	6	4	---	---
Subtotal primary non-ferrous metal products	10	6	4	---	---
5480 fab. metal products	10	6	4	---	---

PORT OF RICHMOND, VA (INCLUDED IN JAMES RIVER, VA CONSOLIDATED REPORT)

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	1,013	2010	858	2013	378	2016	331
2008	1,318	2011	902	2014	572		
2009	1,429	2012	670	2015	351		

Freight Traffic, 2016 (thousand short tons)

Commodity	Grand Total	Foreign Inbound	Domestic				
			Total	Coastwise Shipments	Internal		
					Receipts	Shipments	Inraport
Total, all commodities	331	56	275	50	91	130	3
Total petroleum and petroleum products	264	—	264	40	91	130	3
Subtotal petroleum products	264	—	264	40	91	130	3
2330 distillate fuel oil	173	—	173	40	—	130	3
2350 lube oil & greases	2	—	2	—	2	—	—
2430 asphalt, tar & pitch	90	—	90	—	90	—	—
Total crude materials, inedible except fuels	66	56	11	11	—	—	—
Subtotal soil, sand, gravel, rock and stone	66	56	11	11	—	—	—
4322 limestone	56	56	—	—	—	—	—
4323 avosum	11	—	11	11	—	—	—
Total all manufactured equipment, machinery and products	0	0	—	—	—	—	—
7110 machinery (not elec)	0	0	—	—	—	—	—

JAMES RIVER BELOW RICHMOND, VA (INCLUDED IN JAMES RIVER CONSOLIDATED REPORT)

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	5,004	2010	2,505	2013	2,196	2016	2,530
2008	3,577	2011	2,354	2014	2,591		
2009	2,791	2012	2,301	2015	2,410		

Freight Traffic, 2016 (thousand short tons)

Commodity	Total	Foreign		
		Inbound	Outbound	Through Upbound
Total, all commodities	565	20	489	56
Total chemicals and related products	509	20	489	—
Subtotal fertilizers	489	—	489	—
3110 nitrogenous fert.	489	—	489	—
Subtotal other chemicals and related products	20	20	—	—
3274 sodium hydroxide	19	19	—	—
3275 inora. elem.. oxides. & halogen salts	2	2	—	—
Total crude materials, inedible except fuels	56	—	—	56
Subtotal soil, sand, gravel, rock and stone	56	—	—	56
4322 limestone	56	—	—	56
Total all manufactured equipment, machinery and products	0	—	—	0
7110 machinery (not elec)	0	—	—	0
Ton-miles (x1000)	38,940	1,371	32,754	4,815
Foreign				

Commodity	Total	Domestic						
		Coastwise		Internal				
		Shipments	Through Downbnd	Inbound Upbound	Downbnd	Outbound Downbnd	Upbound	Through Downbnd
Total, all commodities	1,965	4	50	468	92	354	91	905
Total petroleum and petroleum products	292	4	40	28	10	—	91	119
Subtotal petroleum products	292	4	40	28	10	—	91	119
2330 distillate fuel oil	169	—	40	—	10	—	—	119
2340 residual fuel oil	4	4	—	—	—	—	—	—
2350 lube oil & greases	2	—	—	—	—	—	2	—
2430 asphalt, tar & pitch	118	—	—	28	—	—	90	—
Total chemicals and related products	477	—	—	314	—	163	—	—
Subtotal fertilizers	163	—	—	—	—	163	—	—
3110 nitrogenous fert.	163	—	—	—	—	163	—	—
Subtotal other chemicals and related products	314	—	—	314	—	—	—	—
3220 alcohols	314	—	—	314	—	—	—	—
Total crude materials, inedible except fuels	1,195	—	11	126	82	191	—	785
Subtotal soil, sand, gravel, rock and stone	1,195	—	11	126	82	191	—	785
4322 limestone	110	—	—	110	—	—	—	—
4323 gypsum	202	—	11	—	—	191	—	—
4331 sand & gravel	883	—	—	17	82	—	—	785
Ton-miles (x1000)	139,184	256	4,336	31,917	3,756	25,848	7,847	65,225
Domestic								

JAMES RIVER BELOW RICHMOND, VA (INCLUDED IN JAMES RIVER CONSOLIDATED REPORT)
 Freight Traffic, 2016 - continued
 (thousand short tons)

Tons All Traffic (x1000) **2,530**
Ton-miles All Traffic (x1000) **178,125**
Total Trip-ton-miles Internal and Inraport (x1000) **311,579**

PORT OF HOPEWELL, VA (INCLUDED IN JAMES RIVER VA CONSOLIDATED REPORT)

Section Included: South side of James River, from City Point, at mouth of Appomattox River, 2 miles downstream to the mouth of Baileys Creek.
 Maintained Depth: 25 feet at mean low water. Tidal range to 3 feet mean higher high water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	1,091	2010	1,009	2013	1,027	2016	1,018
2008	1,010	2011	1,019	2014	926		
2009	889	2012	989	2015	993		

Freight Traffic, 2016 (thousand short tons)

Commodity	Grand Total	Foreign		Domestic				
		Inbound	Outbound	Total	Coastwise		Internal	
					Shipments	Receipts	Shipments	
Total, all commodities	1,018	20	489	509	4	342	163	
Total petroleum and petroleum products	32	—	—	32	4	28	—	
Subtotal petroleum products	32	—	—	32	4	28	—	
2340 residual fuel oil	4	—	—	4	4	—	—	
2430 asphalt, tar & pitch	28	—	—	28	—	28	—	
Total chemicals and related products	986	20	489	477	—	314	163	
Subtotal fertilizers	652	—	489	163	—	—	163	
3110 nitrogenous fert.	652	—	489	163	—	—	163	
Subtotal other chemicals and related products	334	20	—	314	—	314	—	
3220 alcohols	314	—	—	314	—	314	—	
3274 sodium hydroxide	19	19	—	—	—	—	—	
3275 inorg. elem., oxides, & halogen salts	2	2	—	—	—	—	—	

JAMES RIVER, VA (CONSOLIDATED REPORT)

Section Included: From mouth to Richmond, VA, 90.8 miles. Controlling Depth: From the mouth to Deepwater Terminal (4.7 miles below Richmond), 24.1 feet, thence to a point 700 feet downstream from lock, 18 feet. Project Depth: from the mouth to Deepwater Terminal (4.7 miles below Richmond), 35 feet, maintained to 25 feet, thence 18 feet to the Richmond Lock. All at mean low water. Project Length: 90.8 miles. Terminals with a turning basin 35 feet deep, maintained to 25 feet, 825 ft wide, and 2,770 ft long.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	5,004	2010	2,597	2013	2,209	2016	2,533
2008	3,677	2011	2,474	2014	2,622		
2009	2,928	2012	2,331	2015	2,427		

Note: Passenger totals above include ferry passengers.

Freight Traffic, 2016 (thousand short tons)

Commodity	Total	Foreign	
		Inbound	Outbound
Total, all commodities	565	76	489
Total chemicals and related products	509	20	489
Subtotal fertilizers	489	—	489
3110 nitrogenous fert.	489	—	489
Subtotal other chemicals and related products	20	20	—
3274 sodium hydroxide	19	19	—
3275 inorg. elem., oxides, & halogen salts	2	2	—
Total crude materials, inedible except fuels	56	56	—
Subtotal soil, sand, gravel, rock and stone	56	56	—
4322 limestone	56	56	—
Total all manufactured equipment, machinery and products	0	0	—
7110 machinery (not elec)	0	0	—
Ton-miles (x1000)	38,941	6,187	32,754
Foreign			

Commodity	Total	Domestic							
		Shipments	Coastwise		Internal				
			Inbound	Downbnd	Outbound	Through	Intra		
							Upbound	Downbnd	Upbound
Total, all commodities	1,968	54	560	82	474	785	3	10	
Total petroleum and petroleum products	296	43	119	—	119	—	3	10	
Subtotal petroleum products	296	43	119	—	119	—	3	10	
2330 distillate fuel oil	173	40	—	—	119	—	3	10	
2340 residual fuel oil	4	4	—	—	—	—	—	—	
2350 lube oil & greases	2	—	2	—	—	—	—	—	
2430 asphalt, tar & pitch	118	—	118	—	—	—	—	—	

JAMES RIVER, VA (CONSOLIDATED REPORT)
Freight Traffic, 2016 - continued
(thousand short tons)

Commodity	Total	Domestic						
		Coastwise	Internal					
			Shipments	Inbound		Outbound		Through
		Upbound	Downbnd	Downbnd	Downbnd	Upbound	Intra	Downbnd
Total chemicals and related products	477	---	314	---	163	---	---	---
Subtotal fertilizers	163	---	---	---	163	---	---	---
3110 nitrogenous fert.	163	---	---	---	163	---	---	---
Subtotal other chemicals and related products	314	---	314	---	---	---	---	---
3220 alcohols	314	---	314	---	---	---	---	---
Total crude materials, inedible except fuels	1,195	11	126	82	191	785	---	---
Subtotal soil, sand, gravel, rock and stone	1,195	11	126	82	191	785	---	---
4322 limestone	110	---	110	---	---	---	---	---
4323 gypsum	202	11	---	---	191	---	---	---
4331 sand & gravel	883	---	17	82	---	785	---	---
Ton-miles (x1000)	139,448	4,631	39,855	3,674	36,228	54,964	3	93
Domestic								
Tons All Traffic (x1000)	2,533							
Ton-miles All Traffic (x1000)	178,389							
Total Trip-ton-miles Internal and Intraport (x1000)	311,582							

APPOMATTOX RIVER, VA

Section Included: From mouth to Petersburg, Virginia, 11 miles. Controlling Depth: From the mouth to mile point 7.8, 7.5 feet, thence to mile point 8.5, 2.2 feet, thence to mile point 11, 5.5 feet. Project Depth: 10 feet until the vessel traffic indicates the need for a change, the 60 foot wide channel between Puddledock and the Small Boat Harbor will be maintained to a depth of 6 feet. The channel upstream of the Small Boat Harbor is not being maintained.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	2,618	2010	474	2013	589	2016	867
2008	1,076	2011	479	2014	773		
2009	503	2012	609	2015	768		

Freight Traffic, 2016 (thousand short tons)

Commodity	Grand Total	Domestic	
		Internal	Outbound
		Downbnd	Downbnd
Total, all commodities	867	867	867
Total crude materials, inedible except fuels	867	867	867
Subtotal soil, sand, gravel, rock and stone	867	867	867
4331 sand & gravel	867	867	867
Ton-miles (x1000)	6,935	6,935	6,935
Tons All Traffic (x1000)	867		
Ton-miles All Traffic (x1000)	6,935		
Total Trip-ton-miles Internal and Intraport (x1000)	83,218		

ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA, AND THE ST. JOHNS RIVER FL (NORFOLK DISTRICT) VIA GREAT BRIDGE LOCK ROUTE

Section Included: Norfolk, VA, North Carolina Line. Controlling Depth: 11 feet at mean low water. Project Depth: 12 feet at mean low water. Project Length: 33.8 miles.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	845	2010	935	2013	1,046	2016	1,034
2008	979	2011	954	2014	1,108		
2009	673	2012	993	2015	1,195		

Freight Traffic, 2016 (thousand short tons)

Commodity	Grand Total	Domestic					
		Coastwise		Internal			
		Through	Downbnd	Downbnd	Upbound	Through	Downbnd
		Upbound	Downbnd	Downbnd	Upbound	Downbnd	Downbnd
Total, all commodities	1,034	6	19	360	10	639	
Total petroleum and petroleum products	342	5	8	321	---	8	
Subtotal petroleum products	342	5	8	321	---	8	
2211 gasoline	8	---	---	---	---	8	
2221 kerosene	321	---	---	321	---	---	
2340 residual fuel oil	4	---	4	---	---	---	
2430 asphalt, tar & pitch	9	---	---	---	---	---	
Total chemicals and related products	2	---	---	---	2	---	
Subtotal fertilizers	2	---	---	---	2	---	
3110 nitrogenous fert.	2	---	---	---	2	---	
Total crude materials, inedible except fuels	647	---	11	39	3	594	

ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA, AND THE ST. JOHNS RIVER FL (NORFOLK DISTRICT) VIA
GREAT BRIDGE LOCK ROUTE
Freight Traffic, 2016 - continued
(thousand short tons)

Commodity	Grand Total	Domestic				
		Coastwise		Internal		
		Through		Inbound	Through	
		Upbound	Downbnd	Downbnd	Upbound	Downbnd
Subtotal soil, sand, gravel, rock and stone	192	---	---	39	---	153
4331 sand & gravel	192	---	---	39	---	153
Subtotal iron ore and scrap	455	---	11	---	3	441
4420 iron & steel scrap	455	---	11	---	3	441
Total primary manufactured goods	38	---	---	---	---	38
Subtotal primary iron and steel products	38	---	---	---	---	38
5312 pig iron	3	---	---	---	---	3
5390 primary i&s nec	35	---	---	---	---	35
Total food and farm products	6	---	---	---	6	---
Subtotal oilseeds	6	---	---	---	6	---
6522 soybeans	6	---	---	---	6	---
Total all manufactured equipment, machinery and products	0	0	---	---	---	0
7230 ships & boats	0	---	---	---	---	0
7900 manufac. prod. nec	0	0	---	---	---	---
Ton-miles (x1000)	22,206	145	486	4,690	272	16,613

Tons All Traffic (x1000) 1,034
Ton-miles All Traffic (x1000) 22,206
Total Trip-ton-miles Internal and Intraport (x1000) 209,107

YORK RIVER, VA

Section Included: From the mouth to West Point, Va, a distance of 33.75 miles, including the western shoreline of the town of West Point and a dike on the towns right bank. Maintained Depth: 22 feet to West Point, 33 miles above the mouth. Tidal range to 3 feet mean higher high water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	6,624	2010	4,940	2013	1,696	2016	1,518
2008	7,562	2011	1,540	2014	3,227		
2009	6,287	2012	1,265	2015	2,385		

Freight Traffic, 2016 (thousand short tons)

Commodity	Total	Foreign		Canadian
		Inbound	Outbound	Outbound
Total, all commodities	334	294	19	22
Total petroleum and petroleum products	334	294	19	22
Subtotal crude petroleum	55	55	---	---
2100 crude petroleum	55	55	---	---
Subtotal petroleum products	279	239	19	22
2211 gasoline	71	59	12	---
2221 kerosene	60	38	---	22
2330 distillate fuel oil	6	---	6	---
2340 residual fuel oil	28	28	---	---
2429 naphtha & solvents	114	114	---	---
Ton-miles (x1000)	1,337	1,175	74	88
Foreign & Canadian				

Commodity	Total	Domestic				
		Shipments	Internal			
			Inbound		Through	
			Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	1,184	81	107	940	19	37
Total petroleum and petroleum products	1,124	81	103	940	---	---
Subtotal petroleum products	1,124	81	103	940	---	---
2211 gasoline	520	67	8	445	---	---
2221 kerosene	316	11	---	305	---	---
2330 distillate fuel oil	128	2	14	112	---	---
2340 residual fuel oil	126	---	47	79	---	---
2350 lube oil & areases	34	---	34	---	---	---
Total chemicals and related products	19	---	---	---	19	---
Subtotal other chemicals and related products	19	---	---	---	19	---
3274 sodium hvdroxide	19	---	---	---	19	---
Total crude materials, inedible except fuels	4	---	4	---	---	---
Subtotal soil, sand, gravel, rock and stone	4	---	4	---	---	---
4331 sand & gravel	4	---	4	---	---	---
Total food and farm products	37	---	---	---	---	37
Subtotal grain	20	---	---	---	---	20
6344 corn	20	---	---	---	---	20
Subtotal oilseeds	17	---	---	---	---	17
6522 soybeans	17	---	---	---	---	17
Total waste and scrap nec	0	---	0	0	---	---
8900 waste and scrap nec	0	---	0	0	---	---
Ton-miles (x1000)	6,694	322	459	3,759	740	1,414
Domestic						

Tons All Traffic (x1000) 1,518
Ton-miles All Traffic (x1000) 8,031
Total Trip-ton-miles Internal and Intraport (x1000) 172,421

Other Harbors and Waterways 2016

Harbor or Waterway Project	Commodity	Thousand Short Tons
ABERDEEN CREEK, VA	No Commerce Reported	
ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA, AND THE ST. JOHNS RIVER FL (NORFOLK DISTRICT) DISMAL SWAMP AND PASQUOTANK RIVER	No Commerce Reported	
BEACH CREEK, VA	No Commerce Reported	
BROAD CREEK, VA	No Commerce Reported	
CAPE CHARLES CITY HARBOR, VA	5290 misc. mineral prod.	18
	Total Tons(x1000)	18
CARTERS CREEK, VA	No Commerce Reported	
CHANNEL CONNECTING YORK RIVER, VA, WITH BACK CREEK TO SLAIGHTS WHARF, VA	No Commerce Reported	
CHANNEL FROM PHOEBUS, VA (TO DEEP WATER IN HAMPTON ROADS, VA)	No Commerce Reported	
CHESCONESSEX CREEK, VA	No Commerce Reported	
CHINCOTEAGUE BAY, MD AND VA	No Commerce Reported	
CHINCOTEAGUE HARBOR OF REFUGE, VA	No Commerce Reported	
CRANES CREEK, VA	No Commerce Reported	
DAVIS CREEK, VA	No Commerce Reported	
DEEP CREEK, ACCOMACK COUNTY, VA	No Commerce Reported	
DEEP CREEK, NEWPORT NEWS, VA	No Commerce Reported	
DELAWARE BAY - CHESAPEAKE BAY WATERWAY - VIRGINIA PORTION	4335 waterway improv. mat	19
	Total Tons(x1000)	19
	Total Ton-miles(x1000)	595
	Total Trip-ton-miles Internal and Intraport (x1000)	2,667
DYMERS CREEK, VA	No Commerce Reported	
GREENVALE CREEK, VA	No Commerce Reported	
HAMPTON CREEK, VA	2330 distillate fuel oil	10
	4331 sand & gravel	130
	Total Tons(x1000)	140
	Total Ton-miles(x1000)	421
	Total Trip-ton-miles Internal and Intraport (x1000)	15,987
HORN HARBOR, VA	No Commerce Reported	
HOSKINS CREEK, VA	6241 wheat	24
	6344 corn	109
	6443 barley & rye	8
	6522 soybeans	76
	Total Tons(x1000)	217
	Total Ton-miles(x1000)	217
	Total Trip-ton-miles Internal and Intraport (x1000)	28,766
JACKSON CREEK, VA	No Commerce Reported	
KINGS CREEK, NORTHAMPTON COUNTY, VA	No Commerce Reported	
LAFAYETTE RIVER, VA	No Commerce Reported	
LITTLE MACHIPONGO RIVER, VA	No Commerce Reported	
LITTLE RIVER (CREEK), VA	2330 distillate fuel oil	0
	2340 residual fuel oil	0
	5480 fab. metal products	0
	6889 food products nec	0
	7210 vehicles & parts	0
	7900 manufac. prod. nec	0
	9900 unknown or nec	0
	Total Tons(x1000)	1
	Total Ton-miles(x1000)	1
	Total Trip-ton-miles Internal and Intraport (x1000)	9
LOCKLIES CREEK, VA	No Commerce Reported	
LYNHAVEN ROADS, INLET, AND CONNECTING WATERS, VA	5480 fab. metal products	0
	Total Tons(x1000)	0
	Total Ton-miles(x1000)	0
	Total Trip-ton-miles Internal and Intraport (x1000)	6
MATTAPONI RIVER, VA	No Commerce Reported	
MEHERRIN RIVER, NC	No Commerce Reported	
MILFORD HAVEN, VA	No Commerce Reported	
MILL CREEK, VA	No Commerce Reported	
MULBERRY CREEK, VA	No Commerce Reported	
NANDUA CREEK, VA	No Commerce Reported	
NANSEMOND RIVER, VA	No Commerce Reported	
NEWPORT NEWS CREEK, VA (INCLUDED IN PORT OF NEWPORT NEWS, VA)	2340 residual fuel oil	0
	Total Tons(x1000)	0
	Total Trip-ton-miles Internal and Intraport (x1000)	9
OCCOHANNOCK CREEK, VA	No Commerce Reported	
ONANCOCK RIVER, VA	4331 sand & gravel	68
	Total Tons(x1000)	68
	Total Ton-miles(x1000)	406
	Total Trip-ton-miles Internal and Intraport (x1000)	10,080
OYSTER CHANNEL, VA	No Commerce Reported	
PAGAN RIVER, VA	No Commerce Reported	

Other Harbors and Waterways 2016 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
PAMUNKEY RIVER, VA	3274 sodium hydroxide	19
	6344 corn	20
	6522 soybeans	17
	Total Tons(x1000)	57
	Total Ton-miles(x1000)	57
	Total Trip-ton-miles Internal and Intraport (x1000)	5,340
PARKER CREEK, VA PARROTTS CREEK, VA QUEENS CREEK, VA QUINBY CREEK, VA RAPPAHANNOCK RIVER, VA	No Commerce Reported	
	No Commerce Reported	
	No Commerce Reported	
	No Commerce Reported	
	6241 wheat	24
	6344 corn	109
	6443 barley & rye	8
	6522 soybeans	76
	Total Tons(x1000)	217
	Total Ton-miles(x1000)	9,131
	Total Trip-ton-miles Internal and Intraport (x1000)	28,766
STARLINGS CREEK, VA TANGIER CHANNEL, VA TOTUSKEY CREEK, VA TYLERS BEACH, VA URBANNA CREEK, VA WILLOUGHBY CHANNEL, VA WINTER HARBOR, VA WISHART POINT CHANNEL, VA	No Commerce Reported	
	No Commerce Reported	
	No Commerce Reported	
	No Commerce Reported	
	No Commerce Reported	
	No Commerce Reported	
	No Commerce Reported	
	No Commerce Reported	

CHOWAN RIVER, NC

Section Included: From the mouth at Edenton, NC to the confluence of the Meherrin River, about 42 miles. Controlling Depth: 11 feet. Project Depth: 12 feet deep, 80 feet wide.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	312	2010	530	2013	658	2016	733
2008	205	2011	378	2014	744		
2009	120	2012	466	2015	819		

Freight Traffic, 2016 (thousand short tons)

Commodity	Grand Total	Domestic			
		Coastwise		Internal	
		Receipts	Upbound	Downbound	Outbound
Total, all commodities	733	11	719	3	3
Total crude materials, inedible except fuels	455	11	441	3	3
Subtotal iron ore and scrap	455	11	441	3	3
4420 iron & steel scrap	455	11	441	3	3
Total primary manufactured goods	278	—	278	—	—
Subtotal primary iron and steel products	278	—	278	—	—
5312 pig iron	276	—	276	—	—
5390 primary i&s nec	3	—	3	—	—
Ton-miles (x1000)	21,988	329	21,573	86	86

Tons All Traffic (x1000) 733
Ton-miles All Traffic (x1000) 21,988
Total Trip-ton-miles Internal and Intraport (x1000) 188,072

PAMLICO AND TAR RIVERS, NC

Section Included: From 14 miles below Washington on Pamlico River to Little Falls, 83 miles above Washington on Tar River, a total distance of 97 miles. Controlling Depth: 10.3 feet to Washington, 6 feet from Washington to Hardee Creek; branch channels range from 1 to 6 feet. Project Depth: 12 feet to Hardee Creek, 6 feet to Greenville, and 20 inches to Tarboro, thence to clear natural channel above Tarboro to Little Falls. All at mean low water. Navigation Season: Navigable to Greenville the entire year; above Greenville during freshet stages, which prevail for 4 to 6 months during the year.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	1,275	2010	1,538	2013	1,417	2016	792
2008	1,410	2011	1,550	2014	814		
2009	1,439	2012	1,216	2015	826		

Freight Traffic, 2016 (thousand short tons)

Commodity	Grand Total	Internal			
		Upbound		Downbound	
		Inbound	Outbound	Inbound	Outbound
Total, all commodities	792	90	702	90	702
Total chemicals and related products	792	90	702	90	702
Subtotal fertilizers	114	—	114	—	114
3110 nitrogenous fert.	2	—	2	—	2
3120 phosphatic fert.	113	—	113	—	113
Subtotal other chemicals and related products	678	90	588	90	588
3271 sulphur (liquid)	90	90	—	—	—
3275 inorg. elem., oxides, & halogen salts	588	—	588	—	588
Ton-miles (x1000)	19,796	2,250	17,546	2,250	17,546

Tons All Traffic (x1000) 792
Ton-miles All Traffic (x1000) 19,796
Total Trip-ton-miles Internal and Intraport (x1000) 64,990

ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA, AND THE ST. JOHNS RIVER, FL (WILMINGTON DISTRICT)

Section Included: Atlantic Intracoastal Waterway, Virginia State Line to South Carolina State Line, including waterway to Jacksonville, NC. Controlling Depth: 10 feet through the Waterway and 9 feet to Jacksonville, NC. Project Depth: 12 feet, all at mean low water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	1,798	2010	2,225	2013	2,320	2016	1,772
2008	2,149	2011	2,076	2014	1,777		
2009	1,882	2012	1,926	2015	1,979		

Freight Traffic, 2016 (thousand short tons)

Commodity	Grand Total	Domestic			
		Coastwise		Internal	
		Through		Through	
		Upbound	Downbound	Upbound	Downbound
Total, all commodities	1,772	6	19	409	1,339
Total petroleum and petroleum products	21	5	8	—	8
Subtotal petroleum products	21	5	8	—	8
2211 gasoline	8	—	—	—	8

ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA, AND THE ST. JOHNS RIVER, FL (WILMINGTON DISTRICT)
 Freight Traffic, 2016 - continued
 (thousand short tons)

Commodity	Grand Total	Domestic			
		Coastwise		Internal	
		Through		Through	
		Upbound	Downbnd	Upbound	Downbnd
2340 residual fuel oil	4	—	4	—	—
2430 asphalt, tar & pitch	9	5	3	—	—
Total chemicals and related products	792	—	—	92	700
Subtotal fertilizers	114	—	—	2	113
3110 nitrogenous fert.	2	—	—	2	—
3120 phosphatic fert.	113	—	—	—	113
Subtotal other chemicals and related products	678	—	—	90	588
3271 sulphur (liquid)	90	—	—	90	—
3275 inorg. elem., oxides, & halogen salts	588	—	—	—	588
Total crude materials, inedible except fuels	616	—	11	11	594
Subtotal forest products, wood and chips	0	—	—	—	0
4189 lumber	0	—	—	—	0
Subtotal soil, sand, gravel, rock and stone	153	—	—	—	153
4331 sand & gravel	153	—	—	—	153
Subtotal iron ore and scrap	463	—	11	11	441
4420 iron & steel scrap	463	—	11	11	441
Total primary manufactured goods	332	—	—	294	38
Subtotal lime, cement and glass	0	—	—	—	0
5290 misc. mineral prod.	0	—	—	—	0
Subtotal primary iron and steel products	321	—	—	283	38
5312 pig iron	276	—	—	273	3
5390 primary i&s nec	45	—	—	10	35
Subtotal primary non-ferrous metal products	11	—	—	11	0
5480 fab. metal products	11	—	—	11	0
Total food and farm products	6	—	—	6	—
Subtotal oilseeds	6	—	—	6	—
6522 soybeans	6	—	—	6	—
Total all manufactured equipment, machinery and products	6	0	—	6	0
7110 machinery (not elec)	0	—	—	—	0
7230 ships & boats	0	—	—	—	0
7400 manufac. wood prod.	0	—	—	—	0
7900 manufac. prod. nec	6	0	—	6	—
Ton-miles (x1000)	114,978	1,709	2,790	46,132	64,347

Tons All Traffic (x1000) 1,772
 Ton-miles All Traffic (x1000) 114,978
 Total Trip-ton-miles Internal and Intraport (x1000) 320,853

MOREHEAD CITY HARBOR, NC

Section Included: Morehead City Harbor, NC. Controlling Depth: 40 feet from the ocean to the Marine Terminals; other channels range from 6.5 to 12.0 feet. Project Depth: 42 feet deep 450 feet wide across bar channel; a Cutoff Channel, 40 feet deep and 600 feet wide, an Inner Harbor Channel 40 feet deep and 400 feet wide; and a depth of 40 feet in the east leg of the turning basin, including a 1,200-foot diameter turning area; 35 feet in the west leg of the turning basin and 12 feet from the turning basin to 10th Street, Morehead City, and 6 feet to Bogue Sound. All at mean low water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	3,108	2010	3,498	2013	3,426	2016	2,641
2008	3,300	2011	3,570	2014	2,624		
2009	3,278	2012	3,249	2015	2,896		

Freight Traffic, 2016 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic				
		Inbound	Outbound	Outbound	Total	Coastwise		Internal	
						Receipts	Shipments	Receipts	Shipments
Total, all commodities	2,641	740	756	24	1,120	18	6	700	396
Total petroleum and petroleum products	23	—	—	—	23	18	5	—	—
Subtotal petroleum products	23	—	—	—	23	18	5	—	—
2430 asphalt, tar & pitch	23	—	—	—	23	18	5	—	—
Total chemicals and related products	1,540	54	671	24	790	—	—	700	90
Subtotal fertilizers	252	44	71	24	113	—	—	113	—
3110 nitrogenous fert.	13	13	—	—	—	—	—	—	—
3120 phosphatic fert.	118	5	—	—	113	—	—	113	—
3130 potassic fert.	25	25	—	—	—	—	—	—	—
3190 fert. & mixes nec	96	—	71	24	—	—	—	—	—
Subtotal other chemicals and related products	1,288	10	600	—	678	—	—	588	90
3271 sulphur (liquid)	90	—	—	—	90	—	—	—	90
3275 inorg. elem., oxides, & halogen salts	1,187	—	600	—	588	—	—	588	—
3286 plastics	10	10	0	—	—	—	—	—	—
Total crude materials, inedible except fuels	647	554	85	—	8	—	—	—	8
Subtotal forest products, wood and chips	259	174	85	—	—	—	—	—	—
4110 rubber & gums	140	140	—	—	—	—	—	—	—
4161 wood chips	85	—	85	—	—	—	—	—	—

MOREHEAD CITY HARBOR, NC
Freight Traffic, 2016 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic				
		Inbound	Outbound	Outbound	Total	Coastwise		Internal	
						Receipts	Shipments	Receipts	Shipments
4189 lumber	34	34	---	---	---	---	---	---	---
Subtotal soil, sand, gravel, rock and stone	45	45	---	---	---	---	---	---	---
4322 limestone	45	45	---	---	---	---	---	---	---
Subtotal iron ore and scrap	258	250	---	---	8	---	---	---	8
4410 iron ore	250	250	---	---	---	---	---	---	---
4420 iron & steel scrap	8	---	---	---	8	---	---	---	8
Subtotal sulphur, clay and salt	85	85	---	---	---	---	---	---	---
4741 sulphur. (drv)	85	85	---	---	---	---	---	---	---
Total primary manufactured goods	347	56	---	---	292	---	---	---	292
Subtotal primary iron and steel products	332	51	---	---	281	---	---	---	281
5312 pig iron	300	28	---	---	273	---	---	---	273
5390 primary i&s nec	32	24	---	---	8	---	---	---	8
Subtotal primary non-ferrous metal products	15	4	---	---	11	---	---	---	11
5480 fab. metal products	15	4	---	---	11	---	---	---	11
Total food and farm products	56	56	0	---	---	---	---	---	---
Subtotal grain	36	36	---	---	---	---	---	---	---
6344 corn	36	36	---	---	---	---	---	---	---
Subtotal oilseeds	20	20	---	---	---	---	---	---	---
6522 soybeans	20	20	---	---	---	---	---	---	---
Subtotal vegetable products	0	0	---	---	---	---	---	---	---
6653 vegetable oils	0	0	---	---	---	---	---	---	---
Subtotal other agricultural products	0	---	0	---	---	---	---	---	---
6811 meat, fresh, frozen	0	---	0	---	---	---	---	---	---
Total all manufactured equipment, machinery and products	28	21	0	---	7	---	1	---	6
7110 machinery (not elec)	15	14	0	---	1	---	1	---	---
7120 electrical machinery	4	4	0	---	---	---	---	---	---
7210 vehicles & parts	0	0	---	---	---	---	---	---	---
7230 ships & boats	0	0	---	---	---	---	---	---	---
7400 manufac. wood prod.	2	2	---	---	---	---	---	---	---
7600 rubber & plastic pr.	1	1	---	---	---	---	---	---	---
7900 manufac. prod. nec	6	0	---	---	6	---	---	---	6
Total unknown or not elsewhere classified	0	0	0	---	---	---	---	---	---
9900 unknown or nec	0	0	0	---	---	---	---	---	---

PORT OF WILMINGTON, NC (INCLUDED IN WILMINGTON HARBOR, NC)

Section Included: Both banks of the Cape Fear River extending from a point about 18 miles below the foot of Castle St. in Wilmington to a point about 2 miles above the Railroad Bridge at Navassa, and both banks of Northeast (Cape Fear) River from its mouth to a point about 1.67 miles above the Hilton Railroad Bridge.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	7,930	2010	7,428	2013	6,778	2016	5,415
2008	6,872	2011	6,973	2014	5,888		
2009	6,716	2012	6,719	2015	5,317		

Freight Traffic, 2016 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic			
		Inbound	Outbound	Inbound	Total	Coastwise		Internal
						Receipts	Shipments	Receipts
Total, all commodities	5,415	3,078	1,699	110	528	453	17	58
Total coal	0	0	---	---	---	---	---	---
1100 coal & lignite	0	0	---	---	---	---	---	---
Total petroleum and petroleum products	564	69	1	49	444	421	11	12
Subtotal petroleum products	564	69	1	49	444	421	11	12
2211 gasoline	290	28	---	---	262	244	11	8
2221 kerosene	0	0	---	---	---	---	---	---
2330 distillate fuel oil	48	0	---	11	37	36	---	1
2340 residual fuel oil	0	0	0	---	---	---	---	---
2350 lube oil & greases	0	0	0	---	---	---	---	---
2410 petro. jelly & waxes	0	---	0	---	---	---	---	---
2429 naphtha & solvents	1	0	1	---	---	---	---	---
2430 asphalt, tar & pitch	144	0	0	---	143	142	---	2
2540 petroleum coke	77	40	---	38	---	---	---	---
2640 hydrocarbon & petrol gases, liquefied and gaseous	2	0	0	---	1	---	---	1
Total chemicals and related products	1,237	1,101	98	---	39	32	7	---
Subtotal fertilizers	530	530	0	---	---	---	---	---
3110 nitrogenous fert.	478	477	0	---	---	---	---	---

PORT OF WILMINGTON, NC (INCLUDED IN WILMINGTON HARBOR, NC)
Freight Traffic, 2016 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic			
		Inbound	Outbound	Inbound	Total	Coastwise		Internal Receipts
						Receipts	Shipments	
3120 phosphatic fert.	1	1	—	—	—	—	—	—
3130 potassic fert.	15	15	—	—	—	—	—	—
3190 fert. & mixes nec	37	37	0	—	—	—	—	—
Subtotal other chemicals and related products	707	571	98	—	39	32	7	—
3211 acyclic hydrocarbons	1	0	0	—	—	—	—	—
3212 benzene & toluene	0	—	0	—	—	—	—	—
3219 other hydrocarbons	39	32	1	—	7	—	7	—
3220 alcohols	287	280	1	—	5	5	—	—
3230 carboxylic acids	30	29	1	—	—	—	—	—
3240 nitrogen func. comp.	6	1	5	—	—	—	—	—
3250 organo - inorg. comp.	5	5	1	—	—	—	—	—
3260 organic comp. nec	84	83	2	—	—	—	—	—
3272 sulphuric acid	9	9	—	—	—	—	—	—
3274 sodium hydroxide	27	—	0	—	27	27	—	—
3275 inorg. elem., oxides, & halogen salts	18	8	11	—	—	—	—	—
3276 metallic salts	3	2	1	—	—	—	—	—
3279 inorganic chem. nec	6	0	6	—	—	—	—	—
3281 radioactive material	0	0	0	—	—	—	—	—
3282 pigments & paints	2	1	1	—	—	—	—	—
3283 coloring mat. nec	1	1	0	—	—	—	—	—
3284 medicines	10	1	9	—	—	—	—	—
3285 perfumes & cleansers	11	4	7	—	—	—	—	—
3286 plastics	95	60	35	—	—	—	—	—
3291 pesticides	0	0	0	—	—	—	—	—
3292 starches, gluten, glue	9	6	3	—	—	—	—	—
3293 explosives	1	0	1	—	—	—	—	—
3297 chemical additives	3	1	2	—	—	—	—	—
3299 chem. products nec	58	47	11	—	—	—	—	—
Total crude materials, inedible except fuels	1,395	376	954	60	4	—	—	4
Subtotal forest products, wood and chips	585	70	510	—	4	—	—	4
4110 rubber & gums	1	1	—	—	—	—	—	—
4150 fuel wood	1	1	0	—	—	—	—	—
4161 wood chips	277	—	277	—	—	—	—	—
4170 wood in the rough	77	1	76	—	—	—	—	—
4189 lumber	229	68	157	—	4	—	—	4
4190 forest products nec	0	0	0	—	—	—	—	—
Subtotal pulp and waste paper	415	0	415	—	—	—	—	—
4225 pulp & waste paper	415	0	415	—	—	—	—	—
Subtotal soil, sand, gravel, rock and stone	82	17	5	60	—	—	—	—
4310 building stone	0	0	0	—	—	—	—	—
4322 limestone	60	—	—	60	—	—	—	—
4323 gypsum	0	0	0	—	—	—	—	—
4331 sand & gravel	21	16	5	—	—	—	—	—
Subtotal iron ore and scrap	13	0	13	—	—	—	—	—
4420 iron & steel scrap	13	0	13	—	—	—	—	—
Subtotal marine shells	0	0	—	—	—	—	—	—
4515 marine shells	0	0	—	—	—	—	—	—
Subtotal non-ferrous ores and scrap	40	35	4	—	—	—	—	—
4650 aluminum ore	1	1	—	—	—	—	—	—
4680 non-ferrous scrap	5	0	4	—	—	—	—	—
4690 non-ferrous ores nec	34	34	—	—	—	—	—	—
Subtotal sulphur, clay and salt	253	247	5	—	—	—	—	—
4741 sulphur, (dry)	0	0	—	—	—	—	—	—
4782 clay & refrac. mat.	7	2	5	—	—	—	—	—
4783 salt	246	245	0	—	—	—	—	—
Subtotal slag	0	0	—	—	—	—	—	—
4860 slag	0	0	—	—	—	—	—	—
Subtotal other non-metal. min.	8	6	2	—	—	—	—	—
4900 non-metal. min. nec	8	6	2	—	—	—	—	—
Total primary manufactured goods	499	345	148	—	6	—	—	6
Subtotal paper products	96	8	88	—	—	—	—	—
5120 paper & paperboard	87	4	83	—	—	—	—	—
5190 paper products nec	9	4	5	—	—	—	—	—
Subtotal lime, cement and glass	31	14	11	—	6	—	—	6
5240 glass & glass prod.	17	11	5	—	—	—	—	—
5290 misc. mineral prod.	14	3	5	—	6	—	—	6
Subtotal primary iron and steel products	217	186	31	—	—	—	—	—
5312 pig iron	74	58	16	—	—	—	—	—
5315 ferro alloys	2	2	—	—	—	—	—	—
5320 i&s primary forms	34	27	7	—	—	—	—	—
5330 i&s plates & sheets	42	39	3	—	—	—	—	—
5360 i&s bars & shapes	16	12	3	—	—	—	—	—
5370 i&s pipe & tube	3	1	1	—	—	—	—	—
5390 primary i&s nec	46	46	0	—	—	—	—	—
Subtotal primary non-ferrous metal products	148	134	14	—	0	—	—	0
5421 copper	9	7	2	—	—	—	—	—
5422 aluminum	8	8	1	—	—	—	—	—
5429 smelted prod. nec	7	5	3	—	—	—	—	—
5480 fab. metal products	124	114	10	—	0	—	—	0

PORT OF WILMINGTON, NC (INCLUDED IN WILMINGTON HARBOR, NC)
Freight Traffic, 2016 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic				
		Inbound	Outbound		Inbound	Total	Coastwise		Internal
						Receipts	Shipments	Receipts	
Subtotal primary wood products	6	3	4	---	---	---	---		
5540 primary wood prod.	6	3	4	---	---	---	---		
Total food and farm products	801	600	183	---	17	---	17		
Subtotal fish	5	5	0	---	---	---	---		
6134 fish (not shellfish)	4	4	0	---	---	---	---		
6136 shellfish	0	0	---	---	---	---	---		
Subtotal grain	442	439	3	---	---	---	---		
6241 wheat	318	318	---	---	---	---	---		
6344 corn	121	121	0	---	---	---	---		
6442 rice	3	0	3	---	---	---	---		
Subtotal oilseeds	67	57	10	---	---	---	---		
6522 soybeans	15	4	10	---	---	---	---		
6590 oilseeds nec	52	52	---	---	---	---	---		
Subtotal vegetable products	81	50	31	---	---	---	---		
6653 vegetable oils	49	49	0	---	---	---	---		
6654 vegetables & prod.	32	1	31	---	---	---	---		
Subtotal processed grain and animal feed	24	21	3	---	---	---	---		
6747 grain mill products	2	1	1	---	---	---	---		
6781 hay & fodder	20	20	---	---	---	---	---		
6782 animal feed, prep.	2	0	2	---	---	---	---		
Subtotal other agricultural products	182	28	137	---	17	---	17		
6811 meat, fresh, frozen	78	0	78	---	---	---	---		
6817 meat, prepared	26	0	26	---	---	---	---		
6822 dairy products	0	0	0	---	---	---	---		
6835 fish, prepared	0	---	0	---	---	---	---		
6838 tallow, animal oils	1	0	0	---	---	---	---		
6839 animals & prod. nec	14	0	14	---	---	---	---		
6857 fruit & nuts nec	2	1	1	---	---	---	---		
6858 fruit juices	1	1	0	---	---	---	---		
6861 sugar	0	---	0	---	---	---	---		
6871 coffee	0	0	---	---	---	---	---		
6872 cocoa beans	0	0	---	---	---	---	---		
6885 alcoholic beverages	15	15	0	---	---	---	---		
6887 groceries	17	---	---	---	17	---	17		
6889 food products nec	11	7	4	---	---	---	---		
6891 tobacco & products	13	2	11	---	---	---	---		
6893 cotton	3	1	2	---	---	---	---		
6894 natural fibers nec	1	0	1	---	---	---	---		
6899 farm products nec	0	0	0	---	---	---	---		
Total all manufactured equipment, machinery and products	815	530	273	---	12	0	12		
7110 machinery (not elec)	103	89	13	---	1	---	1		
7120 electrical machinery	52	43	8	---	2	---	2		
7210 vehicles & parts	55	35	20	---	---	---	---		
7220 aircraft & parts	3	0	2	---	---	---	---		
7230 ships & boats	0	0	0	---	---	---	---		
7300 ordnance & access.	6	0	6	---	---	---	---		
7400 manufac. wood prod.	15	8	2	---	4	---	4		
7500 textile products	321	148	174	---	---	---	---		
7600 rubber & plastic pr.	69	51	18	---	0	0	---		
7900 manufac. prod. nec	190	156	30	---	4	---	4		
Total waste and scrap nec	6	---	---	---	6	---	6		
8900 waste and scrap nec	6	---	---	---	6	---	6		
Total unknown or not elsewhere classified	98	57	41	---	---	---	---		
9900 unknown or nec	98	57	41	---	---	---	---		

WILMINGTON HARBOR, NC (INCLUDES PORT OF WILMINGTON, NC)

Section Included: From 1.67 miles above the Hilton Bridge at Wilmington to the ocean, 33.67 miles. Controlling Depth: 38 feet to the Anchorage Basin; other channels range from 24 to 32 feet. Project Depth: 40 feet over ocean bar to Southport; 38 feet from Southport to Wilmington Harbor Anchorage Basin; 32 feet from Anchorage Basin; to Hilton R. R. Bridge; 25 feet from Hilton R. R. Bridge to 1.67 miles above. All at mean low water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	8,785	2010	8,043	2013	7,647	2016	6,079
2008	7,653	2011	7,703	2014	6,504		
2009	7,115	2012	7,310	2015	6,103		

Freight Traffic, 2016 (thousand short tons)

Commodity	Total	Foreign			Canadian
		Inbound	Outbound	Through Upbound	
Total, all commodities	5,263	3,140	1,699	315	110
Total coal	0	0	---	---	---
1100 coal & lignite	0	0	---	---	---
Total petroleum and petroleum products	120	69	1	---	49
Subtotal petroleum products	120	69	1	---	49
2211 gasoline	28	28	---	---	---
2221 kerosene	0	0	---	---	---
2330 distillate fuel oil	11	0	---	---	11

WILMINGTON HARBOR, NC (INCLUDES PORT OF WILMINGTON, NC)
Freight Traffic, 2016 - continued
(thousand short tons)

Commodity	Total	Foreign			Canadian
		Inbound	Outbound	Through Upbound	Inbound
2340 residual fuel oil	0	0	0	—	—
2350 lube oil & greases	0	0	0	—	—
2410 petro. jelly & waxes	0	—	0	—	—
2429 naphtha & solvents	1	0	1	—	—
2430 asphalt, tar & pitch	0	0	0	—	—
2540 petroleum coke	77	40	—	—	38
2640 hydrocarbon & petrol gases, liquefied and gaseous	1	0	0	—	—
Total chemicals and related products	1,519	1,111	98	310	—
Subtotal fertilizers	597	530	0	67	—
3110 nitrogenous fert.	544	477	0	67	—
3120 phosphatic fert.	1	1	—	—	—
3130 potassic fert.	15	15	—	—	—
3190 fert. & mixes nec	37	37	0	—	—
Subtotal other chemicals and related products	922	581	98	243	—
3211 acyclic hydrocarbons	1	0	0	—	—
3212 benzene & toluene	0	—	0	—	—
3219 other hydrocarbons	94	32	1	61	—
3220 alcohols	431	280	1	150	—
3230 carboxylic acids	30	29	1	—	—
3240 nitrogen func. comp.	6	1	5	—	—
3250 organo - inorg. comp.	5	5	1	—	—
3260 organic comp. nec	117	83	2	32	—
3272 sulphuric acid	20	20	—	—	—
3274 sodium hydroxide	0	—	0	—	—
3275 inorg. elem., oxides, & halogen salts	18	8	11	—	—
3276 metallic salts	3	2	1	—	—
3279 inorganic chem. nec	6	0	6	—	—
3281 radioactive material	0	0	0	—	—
3282 pigments & paints	2	1	1	—	—
3283 coloring mat. nec	1	1	0	—	—
3284 medicines	10	1	9	—	—
3285 perfumes & cleansers	11	4	7	—	—
3286 plastics	95	60	35	—	—
3291 pesticides	0	0	0	—	—
3292 starches, gluten, glue	9	6	3	—	—
3293 explosives	1	0	1	—	—
3297 chemical additives	3	1	2	—	—
3299 chem. products nec	58	47	11	—	—
Total crude materials, inedible except fuels	1,390	376	954	—	60
Subtotal forest products, wood and chips	581	70	510	—	—
4110 rubber & gums	1	1	—	—	—
4150 fuel wood	1	1	0	—	—
4161 wood chips	277	—	277	—	—
4170 wood in the rough	77	1	76	—	—
4189 lumber	225	68	157	—	—
4190 forest products nec	0	0	0	—	—
Subtotal pulp and waste paper	415	0	415	—	—
4225 pulp & waste paper	415	0	415	—	—
Subtotal soil, sand, gravel, rock and stone	82	17	5	—	60
4310 building stone	0	0	0	—	—
4322 limestone	60	—	—	—	60
4323 gypsum	0	0	0	—	—
4331 sand & gravel	21	16	5	—	—
Subtotal iron ore and scrap	13	0	13	—	—
4420 iron & steel scrap	13	0	13	—	—
Subtotal marine shells	0	0	—	—	—
4515 marine shells	0	0	—	—	—
Subtotal non-ferrous ores and scrap	40	35	4	—	—
4650 aluminum ore	1	1	—	—	—
4680 non-ferrous scrap	5	0	4	—	—
4690 non-ferrous ores nec	34	34	—	—	—
Subtotal sulphur, clay and salt	253	247	5	—	—
4741 sulphur, (dry)	0	0	—	—	—
4782 clay & refrac. mat.	7	2	5	—	—
4783 salt	246	245	0	—	—
Subtotal slag	0	0	—	—	—
4860 slag	0	0	—	—	—
Subtotal other non-metal. min.	8	6	2	—	—
4900 non-metal. min. nec	8	6	2	—	—
Total primary manufactured goods	493	345	148	—	—
Subtotal paper products	96	8	88	—	—
5120 paper & paperboard	87	4	83	—	—
5190 paper products nec	9	4	5	—	—
Subtotal lime, cement and glass	25	14	11	—	—
5240 glass & glass prod.	17	11	5	—	—
5290 misc. mineral prod.	8	3	5	—	—
Subtotal primary iron and steel products	217	186	31	—	—
5312 pig iron	74	58	16	—	—
5315 ferro alloys	2	2	—	—	—
5320 i&s primary forms	34	27	7	—	—
5330 i&s plates & sheets	42	39	3	—	—
5360 i&s bars & shapes	16	12	3	—	—
5370 i&s pipe & tube	3	1	1	—	—
5390 primary i&s nec	46	46	0	—	—
Subtotal primary non-ferrous metal products	148	134	14	—	—
5421 copper	9	7	2	—	—

WILMINGTON HARBOR, NC (INCLUDES PORT OF WILMINGTON, NC)
Freight Traffic, 2016 - continued
(thousand short tons)

Commodity	Total	Foreign			Canadian
		Inbound	Outbound	Through Upbound	Inbound
5422 aluminum	8	8	1	—	—
5429 smelted prod. nec	7	5	3	—	—
5480 fab. metal products	124	114	10	—	—
Subtotal primary wood products	6	3	4	—	—
5540 primary wood prod.	6	3	4	—	—
Total food and farm products	835	652	183	—	—
Subtotal fish	5	5	0	—	—
6134 fish (not shellfish)	4	4	0	—	—
6136 shellfish	0	0	—	—	—
Subtotal grain	442	439	3	—	—
6241 wheat	318	318	—	—	—
6344 corn	121	121	0	—	—
6442 rice	3	0	3	—	—
Subtotal oilseeds	67	57	10	—	—
6522 soybeans	15	4	10	—	—
6590 oilseeds nec	52	52	—	—	—
Subtotal vegetable products	81	50	31	—	—
6653 vegetable oils	49	49	0	—	—
6654 vegetables & prod.	32	1	31	—	—
Subtotal processed grain and animal feed	24	21	3	—	—
6747 grain mill products	2	1	1	—	—
6781 hay & fodder	20	20	—	—	—
6782 animal feed, prep.	2	0	2	—	—
Subtotal other agricultural products	216	80	137	—	—
6811 meat, fresh, frozen	78	0	78	—	—
6817 meat, prepared	26	0	26	—	—
6822 dairy products	0	0	0	—	—
6835 fish, prepared	0	—	0	—	—
6838 tallow, animal oils	1	0	0	—	—
6839 animals & prod. nec	14	0	14	—	—
6857 fruit & nuts nec	2	1	1	—	—
6858 fruit juices	1	1	0	—	—
6861 sugar	0	—	0	—	—
6865 molasses	52	52	—	—	—
6871 coffee	0	0	—	—	—
6872 cocoa beans	0	0	—	—	—
6885 alcoholic beverages	15	15	0	—	—
6889 food products nec	11	7	4	—	—
6891 tobacco & products	13	2	11	—	—
6893 cotton	3	1	2	—	—
6894 natural fibers nec	1	0	1	—	—
6899 farm products nec	0	0	0	—	—
Total all manufactured equipment, machinery and products	808	530	273	5	—
7110 machinery (not elec)	107	89	13	5	—
7120 electrical machinery	50	43	8	—	—
7210 vehicles & parts	55	35	20	—	—
7220 aircraft & parts	3	0	2	—	—
7230 ships & boats	0	0	0	—	—
7300 ordnance & access.	6	0	6	—	—
7400 manufac. wood prod.	10	8	2	—	—
7500 textile products	321	148	174	—	—
7600 rubber & plastic pr.	69	51	18	—	—
7900 manufac. prod. nec	186	156	30	—	—
Total unknown or not elsewhere classified	98	57	41	—	—
9900 unknown or nec	98	57	41	—	—
Ton-miles (x1000)	146,749	85,887	47,432	10,387	3,043
Foreign & Canadian					

Commodity	Total	Domestic						
		Coastwise				Internal		
		Receipts	Shipments	Through Upbound	Through Downbnd	Inbound Upbound	Through Upbound	Intra Downbnd
Total, all commodities	815	453	17	277	8	8	3	50
Total petroleum and petroleum products	497	421	11	45	8	8	—	4
Subtotal petroleum products	497	421	11	45	8	8	—	4
2211 gasoline	262	244	11	—	—	8	—	—
2330 distillate fuel oil	37	36	—	—	—	—	—	1
2340 residual fuel oil	4	—	—	—	4	—	—	—
2430 asphalt, tar & pitch	192	142	—	45	3	—	—	2
2640 hydrocarbon & petrol gases, liquefied and gaseous	1	—	—	—	—	—	—	1
Total chemicals and related products	270	32	7	232	—	—	—	—
Subtotal fertilizers	80	—	—	80	—	—	—	—
3110 nitrogenous fert.	80	—	—	80	—	—	—	—
Subtotal other chemicals and related products	190	32	7	152	—	—	—	—
3219 other hydrocarbons	7	—	7	—	—	—	—	—
3220 alcohols	5	5	—	—	—	—	—	—
3274 sodium hydroxide	179	27	—	152	—	—	—	—
Total crude materials, inedible except fuels	4	—	—	—	—	—	—	4

WILMINGTON HARBOR, NC (INCLUDES PORT OF WILMINGTON, NC)
 Freight Traffic, 2016 - continued
 (thousand short tons)

Commodity	Total	Domestic						
		Coastwise				Internal		
		Receipts	Shipments	Through		Inbound	Through	Intra
		Upbound	Downbnd	Upbound	Upbound	Downbnd		
Subtotal forest products, wood and chips	4	---	---	---	---	---	---	4
4189 lumber	4	---	---	---	---	---	---	4
Total primary manufactured goods	9	---	---	---	---	0	3	6
Subtotal lime, cement and glass	6	---	---	---	---	---	---	6
5290 misc. mineral prod.	6	---	---	---	---	---	---	6
Subtotal primary iron and steel products	3	---	---	---	---	---	3	---
5390 primary i&s nec	3	---	---	---	---	---	3	---
Subtotal primary non-ferrous metal products	0	---	---	---	---	0	---	---
5480 fab. metal products	0	---	---	---	---	0	---	---
Total food and farm products	17	---	---	---	---	---	---	17
Subtotal other agricultural products	17	---	---	---	---	---	---	17
6887 groceries	17	---	---	---	---	---	---	17
Total all manufactured equipment, machinery and products	12	0	---	0	---	---	---	12
7110 machinery (not elec)	1	---	---	---	---	---	---	1
7120 electrical machinery	2	---	---	---	---	---	---	2
7400 manufac. wood prod.	4	---	---	---	---	---	---	4
7600 rubber & plastic pr.	0	0	---	---	---	---	---	---
7900 manufac. prod. nec	4	---	---	0	---	---	---	4
Total waste and scrap nec	6	---	---	---	---	---	---	6
8900 waste and scrap nec	6	---	---	---	---	---	---	6
Ton-miles (x1000)	22,727	12,768	476	9,002	62	98	20	301
Domestic								
Tons All Traffic (x1000)		6,079						
Ton-miles All Traffic (x1000)		169,476						
Total Trip-ton-miles Internal and Intraport (x1000)		4,180						

NORTHEAST (CAPE FEAR) RIVER, NC

Section Included: From 1.67 miles above Hilton Bridge at Wilmington to Kornegays Bridge, 103 miles above the mouth. Controlling Depth: 13 feet to a point 30 miles above the mouth, and 3 feet to Crooms Bridge, 56 miles above the mouth at all stages. Project: Clearing of natural channel by snagging, 103 miles. Navigation Season: Entire year over lower 56 miles, upper portion only during freshet stages.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	1,239	2010	797	2013	723	2016	586
2008	1,013	2011	610	2014	466		
2009	782	2012	358	2015	597		

Freight Traffic, 2016 (thousand short tons)

Commodity	Grand Total	Foreign	Domestic
		Inbound	Coastwise Receipts
Total, all commodities	586	315	271
Total petroleum and petroleum products	40	---	40
Subtotal petroleum products	40	---	40
2430 asphalt, tar & pitch	40	---	40
Total chemicals and related products	541	310	232
Subtotal fertilizers	147	67	80
3110 nitrogenous fert.	147	67	80
Subtotal other chemicals and related products	394	243	152
3219 other hydrocarbons	61	61	---
3220 alcohols	150	150	---
3260 organic comp. nec	32	32	---
3274 sodium hydroxide	152	---	152
Total all manufactured equipment, machinery and products	5	5	---
7110 machinery (not elec)	5	5	---
Ton-miles (x1000)	23,447	12,590	10,857

Tons All Traffic (x1000) 586
Ton-miles All Traffic (x1000) 23,447

Other Harbors and Waterways 2016

Harbor or Waterway Project	Commodity	Thousand Short Tons
ATLANTIC BEACH CHANNELS, NC	No Commerce Reported	
AVON HARBOR, NC	No Commerce Reported	
BAY RIVER, NC	No Commerce Reported	
BEAUFORT HARBOR, NC	No Commerce Reported	
BELHAVEN HARBOR, NC	6522 soybeans	6
	Total Tons(x1000)	6
CAPE FEAR RIVER ABOVE WILMINGTON, NC	No Commerce Reported	
CASHIE RIVER, NC	No Commerce Reported	
CHANNEL CONNECTING THOROUGHFARE BAY WITH CEDAR BAY, NC	5480 fab. metal products	0
	Total Tons(x1000)	0
	Total Ton-miles(x1000)	0
	Total Trip-ton-miles Internal and Intraport (x1000)	19
CHANNEL FROM BACK SOUND TO LOOKOUT BIGHT, NC	5480 fab. metal products	0
	Total Tons(x1000)	0
	Total Ton-miles(x1000)	0
	Total Trip-ton-miles Internal and Intraport (x1000)	19
CHANNEL FROM PAMLICO SOUND TO RODANTHE, NC	No Commerce Reported	
CHANNEL TO BOGUE INLET, NC	No Commerce Reported	
DRUM INLET, NC	No Commerce Reported	
EDENTON HARBOR, NC	4420 iron & steel scrap	8
	5390 primary i&s nec	43
	5480 fab. metal products	11
	7900 manufac. prod. nec	6
	Total Tons(x1000)	68
FAR CREEK, NC	No Commerce Reported	
KNOBBS CREEK, NC	No Commerce Reported	
LOCKWOODS FOLLY RIVER, NC	No Commerce Reported	
MACKAY CREEK, NC	No Commerce Reported	
MANNS HARBOR, NC	No Commerce Reported	
MANTEO (SHALLOWBAG) BAY, NC	No Commerce Reported	
NEUSE RIVER, NC	4189 lumber	0
	5290 misc. mineral prod.	0
	7110 machinery (not elec)	0
	7400 manufac. wood prod.	0
	Total Tons(x1000)	0
	Total Ton-miles(x1000)	0
	Total Trip-ton-miles Internal and Intraport (x1000)	9
NEW RIVER, NC	No Commerce Reported	
OCRACOKE INLET, NC	No Commerce Reported	
PERQUIMANS RIVER, NC	No Commerce Reported	
ROANOKE RIVER, NC	No Commerce Reported	
ROLLINSON CHANNEL, NC	No Commerce Reported	
SCUPPERNONG RIVER, NC	No Commerce Reported	
SHALLOTTE RIVER, NC	No Commerce Reported	
SILVER LAKE HARBOR, NC	No Commerce Reported	
SMITHS CREEK (PAMLICO COUNTY), NC	No Commerce Reported	
SMITHS CREEK (WILMINGTON), NC	No Commerce Reported	
SOUTH RIVER, NC	No Commerce Reported	
STUMPY POINT BAY, NC	No Commerce Reported	
TRENT RIVER, NC	4189 lumber	0
	5290 misc. mineral prod.	0
	7110 machinery (not elec)	0
	7400 manufac. wood prod.	0
	Total Tons(x1000)	0
	Total Ton-miles(x1000)	0
	Total Trip-ton-miles Internal and Intraport (x1000)	9
WANCHESE HARBOR, NC (INCLUDED IN MANTEO) (SHALLOWBAG BAY, NC)	No Commerce Reported	
WATERWAY - NORFOLK, VA TO SOUNDS OF NC	No Commerce Reported	
WATERWAY CONNECTING PAMLICO SOUND AND BEAUFORT HARBOR, NC	5480 fab. metal products	0
	Total Tons(x1000)	0
	Total Ton-miles(x1000)	1
	Total Trip-ton-miles Internal and Intraport (x1000)	19
WATERWAY CONNECTING SWAN QUARTER BAY WITH DEEP BAY, NC	No Commerce Reported	
WRIGHTS CREEK, NC	No Commerce Reported	

CHARLESTON HARBOR, SC (INCLUDING ASHLEY RIVER, COOPER RIVER, SHEM CREEK AND SHIPYARD RIVER, SC)

Section Included: Ocean to Goose Creek via Cooper River and Town Creek; to the Standard Wharf on Ashley River; to the Mount Pleasant Memorial Highway Bridge on Shem Creek; to the Airco Alloys Wharf on Shipyard River; Wando River to Cainhoy. Controlling Depth: 47 feet for 800 feet width across the entrance channel; thence 26.7 feet for project widths to head of project (15.7 miles); Shipyard River 28.4 feet to head of project (1.2 miles), Wando River controlling depth 41.6 feet for 400 foot widths to head of project. Project Depth: Charleston Harbor 45 feet; Shem Creek 10 feet; Ashley River 30 feet; Shipyard River 36 feet; Wando River 40 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	22,616	2010	17,986	2013	18,525	2016	23,016
2008	20,936	2011	17,917	2014	19,847		
2009	15,834	2012	19,105	2015	21,811		

Beginning in CY1997, the Wando River NS tonnage included in Charleston Harbor, SC.

Freight Traffic, 2016 (thousand short tons)

Commodity	Total	Foreign		Canadian
		Inbound	Outbound	Inbound
Total, all commodities	20,965	11,622	7,791	1,552
Total coal	55	55	0	—
1100 coal & lignite	55	55	0	—
1200 coal coke	0	0	—	—
Total petroleum and petroleum products	575	406	20	148
Subtotal petroleum products	575	406	20	148
2211 gasoline	112	112	0	—
2221 kerosene	0	0	—	—
2330 distillate fuel oil	353	204	1	148
2340 residual fuel oil	0	—	0	—
2350 lube oil & greases	7	1	6	—
2410 petro. jelly & waxes	8	7	0	—
2429 naphtha & solvents	41	34	7	—
2430 asphalt, tar & pitch	2	2	0	—
2540 petroleum coke	2	0	2	—
2640 hydrocarbon & petrol gases, liquefied and gaseous	50	46	4	—
Total chemicals and related products	2,900	1,609	1,167	123
Subtotal fertilizers	49	38	11	—
3110 nitrogenous fert.	36	35	1	—
3120 phosphatic fert.	0	—	0	—
3130 potassic fert.	1	1	0	—
3190 fert. & mixes nec	11	2	9	—
Subtotal other chemicals and related products	2,851	1,571	1,156	123
3211 acyclic hydrocarbons	13	7	6	—
3212 benzene & toluene	0	—	0	—
3219 other hydrocarbons	417	411	6	—
3220 alcohols	234	87	24	123
3230 carboxylic acids	139	95	44	—
3240 nitrogen func. comp.	47	34	13	—
3250 organo - inorg. comp.	45	28	17	—
3260 organic comp. nec	39	28	11	—
3271 sulphur (liquid)	0	0	—	—
3272 sulphuric acid	0	0	0	—
3273 ammonia	1	0	0	—
3274 sodium hydroxide	25	24	1	—
3275 inorg. elem., oxides, & halogen salts	171	83	87	—
3276 metallic salts	83	58	24	—
3279 inorganic chem. nec	13	8	5	—
3281 radioactive material	2	0	2	—
3282 pigments & paints	50	22	28	—
3283 coloring mat. nec	23	16	7	—
3284 medicines	59	31	27	—
3285 perfumes & cleansers	84	30	54	—
3286 plastics	988	416	572	—
3291 pesticides	12	8	4	—
3292 starches, gluten, glue	115	69	47	—
3293 explosives	3	2	0	—
3297 chemical additives	29	20	9	—
3298 wood & resin chem.	25	2	23	—
3299 chem. products nec	236	93	144	—
Total crude materials, inedible except fuels	5,586	2,577	1,732	1,278
Subtotal forest products, wood and chips	946	343	603	—
4110 rubber & gums	122	122	0	—
4150 fuel wood	17	2	15	—
4161 wood chips	0	0	0	—
4170 wood in the rough	176	8	168	—
4189 lumber	618	202	416	—
4190 forest products nec	11	9	2	—
Subtotal pulp and waste paper	977	39	938	—
4225 pulp & waste paper	977	39	938	—
Subtotal soil, sand, gravel, rock and stone	1,735	440	17	1,278
4310 building stone	29	29	0	—
4322 limestone	329	329	0	—
4323 gypsum	79	78	1	—
4331 sand & gravel	1,298	5	16	1,278
Subtotal iron ore and scrap	1,444	1,354	89	—
4410 iron ore	1,084	1,084	0	—
4420 iron & steel scrap	359	270	89	—
Subtotal marine shells	0	0	0	—
4515 marine shells	0	0	0	—
Subtotal non-ferrous ores and scrap	293	249	43	—
4650 aluminum ore	223	221	1	—

CHARLESTON HARBOR, SC (INCLUDING ASHLEY RIVER, COOPER RIVER, SHEM CREEK AND SHIPYARD RIVER, SC)
 Freight Traffic, 2016 - continued
 (thousand short tons)

Commodity	Total	Foreign		Canadian
		Inbound	Outbound	Inbound
4680 non-ferrous scrap	54	16	38	—
4690 non-ferrous ores nec	17	12	4	—
Subtotal sulphur, clay and salt	175	144	31	—
4741 sulphur, (dry)	1	0	1	—
4782 clay & refrac. mat.	41	11	30	—
4783 salt	133	132	0	—
Subtotal slag	0	0	0	—
4860 slag	0	0	0	—
Subtotal other non-metal. min.	17	7	10	—
4900 non-metal. min. nec	17	7	10	—
Total primary manufactured goods	2,687	1,766	921	—
Subtotal paper products	808	157	650	—
5110 newsprint	5	0	5	—
5120 paper & paperboard	695	99	597	—
5190 paper products nec	107	58	49	—
Subtotal lime, cement and glass	229	177	53	—
5210 lime	0	0	—	—
5220 cement & concrete	6	5	1	—
5240 glass & glass prod.	114	79	35	—
5290 misc. mineral prod.	110	93	17	—
Subtotal primary iron and steel products	808	768	40	—
5312 pig iron	546	545	1	—
5315 ferro alloys	11	10	0	—
5320 i&s primary forms	14	9	5	—
5330 i&s plates & sheets	37	16	21	—
5360 i&s bars & shapes	153	146	7	—
5370 i&s pipe & tube	25	22	3	—
5390 primary i&s nec	23	20	2	—
Subtotal primary non-ferrous metal products	742	568	173	—
5421 copper	18	14	4	—
5422 aluminum	110	83	26	—
5429 smelted prod. nec	113	66	47	—
5480 fab. metal products	501	406	95	—
Subtotal primary wood products	101	96	5	—
5540 primary wood prod.	101	96	5	—
Total food and farm products	1,845	567	1,277	0
Subtotal fish	11	10	1	—
6134 fish (not shellfish)	5	4	1	—
6136 shellfish	6	5	0	—
Subtotal grain	11	1	10	—
6241 wheat	0	0	0	—
6344 corn	1	0	1	—
6442 rice	10	1	9	—
Subtotal oilseeds	62	5	57	—
6521 peanuts	12	0	12	—
6522 soybeans	34	3	31	—
6590 oilseeds nec	15	1	14	—
Subtotal vegetable products	199	144	54	0
6653 vegetable oils	73	69	4	—
6654 vegetables & prod.	125	75	50	0
Subtotal processed grain and animal feed	198	35	164	—
6746 wheat flour	1	0	0	—
6747 grain mill products	44	12	32	—
6781 hay & fodder	0	—	0	—
6782 animal feed, prep.	153	22	131	—
Subtotal other agricultural products	1,364	373	991	—
6811 meat, fresh, frozen	509	18	492	—
6817 meat, prepared	109	0	108	—
6822 dairy products	4	3	1	—
6835 fish, prepared	6	4	2	—
6838 tallow, animal oils	6	4	2	—
6839 animals & prod. nec	34	8	26	—
6856 bananas & plantains	1	1	0	—
6857 fruit & nuts nec	26	4	21	—
6858 fruit juices	31	27	3	—
6861 sugar	4	3	1	—
6865 molasses	0	0	0	—
6871 coffee	122	120	2	—
6872 cocoa beans	0	0	0	—
6885 alcoholic beverages	218	87	131	—
6888 water & ice	2	2	0	—
6889 food products nec	159	43	116	—
6891 tobacco & products	12	9	3	—
6893 cotton	94	28	66	—
6894 natural fibers nec	10	6	4	—
6899 farm products nec	18	6	12	—
Total all manufactured equipment, machinery and products	6,364	4,229	2,135	0
7110 machinery (not elec)	911	659	252	—
7120 electrical machinery	387	275	112	—
7210 vehicles & parts	1,588	979	609	—
7220 aircraft & parts	4	4	1	—
7230 ships & boats	9	4	5	0
7300 ordnance & access.	11	10	1	—
7400 manufac. wood prod.	94	61	33	—
7500 textile products	1,251	856	395	—
7600 rubber & plastic pr.	988	654	333	0
7900 manufac. prod. nec	1,120	727	393	0

CHARLESTON HARBOR, SC (INCLUDING ASHLEY RIVER, COOPER RIVER, SHEM CREEK AND SHIPYARD RIVER, SC)
 Freight Traffic, 2016 - continued
 (thousand short tons)

Commodity	Total	Foreign		Canadian
		Inbound	Outbound	Inbound
Total unknown or not elsewhere classified	953	413	538	2
9900 unknown or nec	953	413	538	2

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Total, all commodities	2,051	1,645	16	18	3	370
Total petroleum and petroleum products	1,274	906	---	4	---	363
Subtotal petroleum products	1,274	906	---	4	---	363
2211 gasoline	600	600	---	---	---	---
2221 kerosene	53	53	---	1	---	---
2330 distillate fuel oil	237	237	---	---	---	---
2340 residual fuel oil	384	17	---	4	---	363
Total chemicals and related products	684	678	---	---	---	6
Subtotal fertilizers	18	18	---	---	---	---
3110 nitrogenous fert.	18	18	---	---	---	---
Subtotal other chemicals and related products	666	660	---	---	---	6
3219 other hydrocarbons	634	628	---	---	---	6
3274 sodium hydroxide	32	32	---	---	---	---
Total crude materials, inedible except fuels	72	59	---	13	---	---
Subtotal iron ore and scrap	72	59	---	13	---	---
4420 iron & steel scrap	72	59	---	13	---	---
Total primary manufactured goods	17	---	15	---	3	---
Subtotal primary iron and steel products	17	---	15	---	3	---
5390 primary i&s nec	17	---	15	---	3	---
Subtotal primary non-ferrous metal products	0	---	---	---	0	---
5480 fab. metal products	0	---	---	---	0	---
Total all manufactured equipment, machinery and products	4	1	1	0	0	1
7110 machinery (not elec)	2	0	1	0	0	1
7230 ships & boats	0	---	---	0	0	---
7900 manufac. prod. nec	1	1	0	---	---	0

Other Harbors and Waterways 2016

Harbor or Waterway Project	Commodity	Thousand Short Tons
ASHLEY RIVER, SC (INCLUDED IN CHARLESTON HARBOR, SC)	2221 kerosene	1
	2340 residual fuel oil	8
	2430 asphalt, tar & pitch	9
	4189 lumber	0
	4420 iron & steel scrap	13
	5290 misc. mineral prod.	0
	5480 fab. metal products	0
	7110 machinery (not elec)	1
	7230 ships & boats	0
	7400 manufac. wood prod.	0
	Total Tons(x1000)	32
Total Ton-miles(x1000)	63	
Total Trip-ton-miles Internal and Intraport (x1000)	3,107	
ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA, AND THE ST. JOHNS RIVER, FL (CHARLESTON DISTRICT)	2221 kerosene	38
	2340 residual fuel oil	8
	2430 asphalt, tar & pitch	9
	4189 lumber	0
	4420 iron & steel scrap	13
	5290 misc. mineral prod.	0
	5390 primary i&s nec	3
	5480 fab. metal products	0
	7110 machinery (not elec)	1
	7230 ships & boats	0
	7400 manufac. wood prod.	0
7900 manufac. prod. nec	0	
Total Tons(x1000)	72	
Total Ton-miles(x1000)	5,157	
Total Trip-ton-miles Internal and Intraport (x1000)	12,065	
GEORGETOWN HARBOR, SC (WINYAH BAY)	2540 petroleum coke	6
	4690 non-ferrous ores nec	4
	5220 cement & concrete	26
	5320 i&s primary forms	3
	7110 machinery (not elec)	1
	Total Tons(x1000)	39
GREAT PEE DEE RIVER, SC PORT ROYAL HARBOR, SC SANTEE RIVER, SC SHIPYARD RIVER, SC (INCLUDED IN CHARLESTON HARBOR, SC)	No Commerce Reported	
	No Commerce Reported	
	No Commerce Reported	
	1100 coal & lignite	54
	2211 gasoline	22
	2330 distillate fuel oil	41
	2340 residual fuel oil	0
	2429 naphtha & solvents	7
	2640 hydrocarbon & petrol gases, liquefied and gaseous	13
	3219 other hydrocarbons	12
	3274 sodium hydroxide	7
3297 chemical additives	8	
4323 gypsum	28	
Total Tons(x1000)	192	
Total Ton-miles(x1000)	192	
Total Trip-ton-miles Internal and Intraport (x1000)	1	
VILLAGE CREEK, SC WACCAMAW RIVER, SC	No Commerce Reported	
	No Commerce Reported	

SAVANNAH HARBOR, GA

Section Included: Entrance channel 42 feet deep across ocean bar to the Port Wentworth Channel, length of project 31.1 miles. Maintained Depth: For mid-channel, half project width, 42 feet over the Bar Channel; thence 42 feet to the Georgia Ports City Terminal; thence 36 feet to the Savannah Sugar Refinery terminal; and to a point below the Atlantic Coastal Highway Houlihan Bridge. Tidal range to 8 feet mean higher high water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	36,486	2010	34,682	2013	31,990	2016	36,444
2008	35,394	2011	35,459	2014	34,359		
2009	32,339	2012	34,132	2015	35,205		

Freight Traffic, 2016 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
Total, all commodities	35,261	18,122	16,759	379	1
Total coal	35	34	0	1	—
1100 coal & lignite	2	1	0	1	—
1200 coal coke	33	33	0	—	—
Total petroleum and petroleum products	897	761	53	83	—
Subtotal petroleum products	897	761	53	83	—
2211 gasoline	149	149	0	—	—
2221 kerosene	0	0	0	—	—
2330 distillate fuel oil	298	212	3	83	—
2340 residual fuel oil	1	0	1	—	—
2350 lube oil & greases	69	57	12	—	—
2410 petro. jelly & waxes	7	7	0	—	—
2429 naphtha & solvents	66	35	31	—	—
2430 asphalt, tar & pitch	2	1	0	—	—
2540 petroleum coke	64	63	2	—	—
2640 hydrocarbon & petrol gases, liquefied and gaseous	241	238	3	—	—
Total chemicals and related products	3,041	1,703	1,330	8	0
Subtotal fertilizers	137	127	9	0	—
3110 nitrogenous fert.	84	84	1	—	—
3120 phosphatic fert.	0	0	0	—	—
3130 potassic fert.	25	25	0	—	—
3190 fert. & mixes nec	27	18	9	0	—
Subtotal other chemicals and related products	2,904	1,576	1,320	8	0
3211 acyclic hydrocarbons	12	4	8	—	—
3212 benzene & toluene	1	0	0	—	—
3219 other hydrocarbons	44	14	30	—	—
3220 alcohols	104	84	19	—	—
3230 carboxylic acids	118	79	39	—	—
3240 nitrogen func. comp.	80	38	42	—	—
3250 organo - inorg. comp.	60	24	36	—	—
3260 organic comp. nec	206	181	25	—	—
3271 sulphur (liquid)	0	0	—	—	—
3272 sulphuric acid	53	52	0	—	—
3273 ammonia	0	0	0	—	—
3274 sodium hydroxide	34	33	1	—	—
3275 inorg. elem., oxides, & halogen salts	364	223	141	0	—
3276 metallic salts	140	101	39	0	0
3279 inorganic chem. nec	7	5	2	—	—
3281 radioactive material	4	2	2	—	—
3282 pigments & paints	60	25	35	—	—
3283 coloring mat. nec	21	7	14	—	—
3284 medicines	50	32	18	—	—
3285 perfumes & cleansers	100	40	60	—	—
3286 plastics	874	397	477	0	—
3291 pesticides	41	30	10	—	—
3292 starches, gluten, glue	109	66	43	—	—
3293 explosives	7	6	1	—	—
3297 chemical additives	33	14	12	8	—
3298 wood & resin chem.	125	3	122	—	—
3299 chem. products nec	256	115	141	0	—
Total crude materials, inedible except fuels	8,897	1,516	7,120	261	—
Subtotal forest products, wood and chips	2,944	554	2,389	1	—
4110 rubber & gums	197	196	1	—	—
4150 fuel wood	977	10	967	—	—
4161 wood chips	395	2	394	—	—
4170 wood in the rough	227	10	217	—	—
4189 lumber	1,130	326	804	1	—
4190 forest products nec	17	11	6	—	—
Subtotal pulp and waste paper	2,897	155	2,737	5	—
4225 pulp & waste paper	2,897	155	2,737	5	—
Subtotal soil, sand, gravel, rock and stone	890	612	24	254	—
4310 building stone	148	138	10	—	—
4322 limestone	98	47	0	51	—
4323 gypsum	604	399	2	203	—
4331 sand & gravel	40	28	12	—	—
Subtotal iron ore and scrap	142	3	138	1	—
4410 iron ore	0	0	0	—	—
4420 iron & steel scrap	141	3	138	1	—
Subtotal marine shells	0	0	0	—	—
4515 marine shells	0	0	0	—	—
Subtotal non-ferrous ores and scrap	180	125	56	0	—
4630 copper ore	0	—	0	—	—
4650 aluminum ore	91	88	3	—	—
4670 manganese ore	0	0	—	—	—
4680 non-ferrous scrap	70	34	36	0	—
4690 non-ferrous ores nec	19	3	17	—	—

SAVANNAH HARBOR, GA
Freight Traffic, 2016 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
Subtotal sulphur, clay and salt	1,785	18	1,767	---	---
4741 sulphur, (dry)	2	1	1	---	---
4782 clay & refrac. mat.	1,772	7	1,766	---	---
4783 salt	11	10	1	---	---
Subtotal slag	3	3	0	---	---
4860 slag	3	3	0	---	---
Subtotal other non-metal. min.	56	47	8	0	---
4900 non-metal. min. nec	56	47	8	0	---
Total primary manufactured goods	5,608	3,283	2,305	19	0
Subtotal paper products	2,285	298	1,971	16	0
5110 newsprint	57	0	41	16	---
5120 paper & paperboard	2,014	178	1,836	0	0
5190 paper products nec	213	119	94	0	---
Subtotal lime, cement and glass	997	916	82	---	---
5210 lime	0	0	0	---	---
5220 cement & concrete	187	187	0	---	---
5240 glass & glass prod.	149	124	25	---	---
5290 misc. mineral prod.	660	604	57	---	---
Subtotal primary iron and steel products	793	734	58	1	---
5312 pig iron	19	8	12	---	---
5315 ferro alloys	7	5	1	1	---
5320 i&s primary forms	161	153	8	---	---
5330 i&s plates & sheets	201	189	12	---	---
5360 i&s bars & shapes	240	231	9	---	---
5370 i&s pipe & tube	117	111	6	---	---
5390 primary i&s nec	48	38	11	---	---
Subtotal primary non-ferrous metal products	1,408	1,228	177	2	---
5421 copper	37	27	11	---	---
5422 aluminum	241	230	11	0	---
5429 smelted prod. nec	61	8	52	1	---
5480 fab. metal products	1,068	964	103	1	---
Subtotal primary wood products	125	108	17	---	---
5540 primary wood prod.	125	108	17	---	---
Total food and farm products	6,000	2,623	3,374	4	0
Subtotal fish	131	100	28	3	---
6134 fish (not shellfish)	70	48	20	2	---
6136 shellfish	61	52	8	1	---
Subtotal grain	87	70	17	---	---
6241 wheat	4	1	3	---	---
6344 corn	5	1	4	---	---
6442 rice	77	68	9	---	---
6443 barley & rye	0	0	---	---	---
6445 oats	0	0	0	---	---
6447 sorghum grains	0	0	---	---	---
Subtotal oilseeds	448	6	442	0	---
6521 peanuts	282	2	280	0	---
6522 soybeans	37	3	34	---	---
6534 flaxseed	0	---	0	---	---
6590 oilseeds nec	129	2	127	---	---
Subtotal vegetable products	901	833	68	0	---
6653 vegetable oils	706	695	12	---	---
6654 vegetables & prod.	194	138	56	0	---
Subtotal processed grain and animal feed	659	35	624	---	---
6746 wheat flour	3	3	0	---	---
6747 grain mill products	49	26	23	---	---
6781 hay & fodder	1	0	1	---	---
6782 animal feed, prep.	605	6	599	---	---
Subtotal other agricultural products	3,775	1,578	2,196	0	0
6811 meat, fresh, frozen	1,017	27	990	---	0
6817 meat, prepared	76	1	76	---	---
6822 dairy products	23	3	20	0	---
6835 fish, prepared	36	34	1	---	---
6838 tallow, animal oils	3	2	1	---	---
6839 animals & prod. nec	30	4	26	---	---
6856 bananas & plantains	1	1	0	---	---
6857 fruit & nuts nec	155	38	117	---	---
6858 fruit juices	195	161	34	---	---
6861 sugar	735	734	1	---	---
6865 molasses	0	0	0	---	---
6871 coffee	57	54	2	---	---
6872 cocoa beans	2	2	0	---	---
6885 alcoholic beverages	440	281	159	0	0
6888 water & ice	43	43	0	---	---
6889 food products nec	334	150	184	0	---
6891 tobacco & products	9	2	7	---	---
6893 cotton	456	30	426	---	---
6894 natural fibers nec	9	7	2	---	---
6899 farm products nec	152	4	147	0	---
Total all manufactured equipment, machinery and products	9,572	7,693	1,875	4	0
7110 machinery (not elec)	1,252	942	310	0	0
7120 electrical machinery	868	734	134	0	0
7210 vehicles & parts	1,212	833	379	---	0
7220 aircraft & parts	9	3	6	---	---
7230 ships & boats	15	8	7	---	---
7300 ordnance & access.	13	12	1	---	---
7400 manufac. wood prod.	205	154	50	0	---
7500 textile products	1,636	1,383	252	1	0

SAVANNAH HARBOR, GA
Freight Traffic, 2016 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
7600 rubber & plastic pr.	1,460	1,270	188	2	0
7900 manufac. prod. nec	2,901	2,352	549	1	0
Total unknown or not elsewhere classified	1,210	506	703	0	0
9900 unknown or nec	1,210	506	703	0	0

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Total, all commodities	1,183	881	65	17	17	202
Total petroleum and petroleum products	845	561	64	17	4	199
Subtotal petroleum products	845	561	64	17	4	199
2211 gasoline	216	194	21	—	—	—
2221 kerosene	10	10	—	—	—	—
2330 distillate fuel oil	203	201	2	—	—	0
2340 residual fuel oil	263	17	27	17	4	199
2350 lube oil & greases	48	48	—	—	—	—
2430 asphalt, tar & pitch	105	91	14	—	—	—
Total chemicals and related products	320	320	—	—	—	—
Subtotal fertilizers	10	10	—	—	—	—
3110 nitrogenous fert.	10	10	—	—	—	—
Subtotal other chemicals and related products	310	310	—	—	—	—
3219 other hydrocarbons	53	53	—	—	—	—
3220 alcohols	2	2	—	—	—	—
3274 sodium hydroxide	254	254	—	—	—	—
Total crude materials, inedible except fuels	13	—	—	0	13	0
Subtotal forest products, wood and chips	0	—	—	0	—	0
4189 lumber	0	—	—	0	—	0
Subtotal iron ore and scrap	13	—	—	—	13	—
4420 iron & steel scrap	13	—	—	—	13	—
Total primary manufactured goods	1	—	1	0	—	0
Subtotal lime, cement and glass	1	—	1	0	—	0
5290 misc. mineral prod.	1	—	1	0	—	0
Subtotal primary iron and steel products	0	—	—	—	—	0
5360 i&s bars & shapes	0	—	—	—	—	0
Subtotal primary non-ferrous metal products	0	—	—	0	—	0
5480 fab. metal products	0	—	—	0	—	0
Total all manufactured equipment, machinery and products	4	—	—	0	1	3
7110 machinery (not elec)	3	—	—	0	0	3
7120 electrical machinery	1	—	—	—	0	0
7400 manufac. wood prod.	0	—	—	0	—	0

BRUNSWICK HARBOR, GA

Section Included: From 38-foot contour in the ocean across the Bar through St. Simon Sound, Brunswick River, and Turtle River to the upper end of the Allied Chemical Company's Wharf, formerly Atlantic Refining Company Wharf, 23.3 miles; from Brunswick River through East River, to the upper end of the project in East River, 2.2 miles; from Turtle River through South Brunswick River, to the upper end of the project in South Brunswick River, 1.3 miles; from St. Simon Sound through Back River to Mill Creek, the upper end of Back River improvement, 2.9 miles; from Back River through Terry Creek to the Glynn Canning Company's Wharf, 1.8 miles; a total distance of 31.5 miles. Project Depth: 38 feet over the bar; 36 feet in Brunswick, South Brunswick, and East Rivers; 30 feet in Turtle River; 20 feet in Back River, and 10 feet in Terry Creek. Navigation Season: Entire Year.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	2,587	2010	2,438	2013	3,228	2016	2,375
2008	2,444	2011	2,054	2014	3,252		
2009	2,094	2012	2,752	2015	3,108		

Freight Traffic, 2016 (thousand short tons)

Commodity	Grand Total	Foreign		Domestic	
		Inbound	Outbound	Coastwise	
				Receipts	Shipments
Total, all commodities	2,375	1,005	1,257	113	
Total petroleum and petroleum products	0	0	—	—	
Subtotal petroleum products	0	0	—	—	
2429 naphtha & solvents	0	0	—	—	
Total chemicals and related products	190	74	3	113	
Subtotal fertilizers	74	58	—	16	
3110 nitrogenous fert.	74	58	—	16	
Subtotal other chemicals and related products	116	17	3	97	
3220 alcohols	9	9	—	—	
3260 organic comp. nec	0	—	0	—	
3274 sodium hydroxide	97	—	—	97	
3275 inorg. elem., oxides, & halogen salts	0	—	0	—	
3279 inorganic chem. nec	8	8	—	—	
3282 pigments & paints	0	0	0	—	
3284 medicines	0	—	0	—	
3285 perfumes & cleansers	0	0	0	—	
3286 plastics	0	0	0	—	
3291 pesticides	0	—	0	—	
3292 starches, gluten, glue	3	—	3	—	
3298 wood & resin chem.	0	0	0	—	

BRUNSWICK HARBOR, GA
Freight Traffic, 2016 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Domestic
		Inbound	Outbound	Coastwise Receipts
3299 chem. products nec	0	0	0	---
Total crude materials, inedible except fuels	675	172	503	---
Subtotal forest products, wood and chips	391	3	388	---
4110 rubber & gums	3	3	---	---
4150 fuel wood	388	---	388	---
4189 lumber	0	0	---	---
Subtotal pulp and waste paper	115	---	115	---
4225 pulp & waste paper	115	---	115	---
Subtotal soil, sand, gravel, rock and stone	0	0	0	---
4310 building stone	0	---	0	---
4323 gypsum	0	0	---	---
Subtotal marine shells	0	0	0	---
4515 marine shells	0	0	0	---
Subtotal sulphur, clay and salt	40	40	---	---
4783 salt	40	40	---	---
Subtotal other non-metal. min.	130	130	---	---
4900 non-metal. min. nec	130	130	---	---
Total primary manufactured goods	43	5	38	---
Subtotal paper products	38	0	38	---
5110 newsprint	0	---	0	---
5120 paper & paperboard	38	0	38	---
5190 paper products nec	0	0	---	---
Subtotal lime, cement and glass	0	0	0	---
5240 glass & glass prod.	0	0	0	---
5290 misc. mineral prod.	0	---	0	---
Subtotal primary iron and steel products	4	4	0	---
5370 i&s pipe & tube	0	0	0	---
5390 primary i&s nec	3	3	0	---
Subtotal primary non-ferrous metal products	2	1	1	---
5422 aluminum	0	0	0	---
5429 smelted prod. nec	0	---	0	---
5480 fab. metal products	2	1	1	---
Subtotal primary wood products	0	0	0	---
5540 primary wood prod.	0	0	0	---
Total food and farm products	327	9	319	---
Subtotal fish	8	8	0	---
6134 fish (not shellfish)	8	8	0	---
Subtotal grain	0	0	---	---
6442 rice	0	0	---	---
Subtotal oilseeds	228	---	228	---
6590 oilseeds nec	228	---	228	---
Subtotal vegetable products	0	0	0	---
6653 vegetable oils	0	0	---	---
6654 vegetables & prod.	0	---	0	---
Subtotal processed grain and animal feed	91	1	90	---
6782 animal feed, prep.	91	1	90	---
Subtotal other agricultural products	0	0	0	---
6817 meat, prepared	0	0	---	---
6822 dairy products	0	0	---	---
6839 animals & prod. nec	0	---	0	---
6857 fruit & nuts nec	0	0	---	---
6885 alcoholic beverages	0	0	0	---
6889 food products nec	0	0	---	---
Total all manufactured equipment, machinery and products	996	737	259	---
7110 machinery (not elec)	57	46	10	---
7120 electrical machinery	2	1	1	---
7210 vehicles & parts	920	676	243	---
7220 aircraft & parts	0	0	0	---
7230 ships & boats	1	0	1	---
7300 ordnance & access.	0	0	---	---
7400 manufac. wood prod.	0	---	0	---
7500 textile products	1	1	0	---
7600 rubber & plastic pr.	5	5	0	---
7900 manufac. prod. nec	11	8	3	---
Total unknown or not elsewhere classified	143	7	135	---
9900 unknown or nec	143	7	135	---
Ton-miles (x1000)	10,013	4,182	5,396	435

Tons All Traffic (x1000) 2,375
Ton-miles All Traffic (x1000) 10,013

Other Harbors and Waterways 2016

Harbor or Waterway Project	Commodity	Thousand Short Tons
ALTAMAHA RIVER, GA ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA, AND THE ST. JOHNS RIVER , FL (SAVANNAH DISTRICT)	No Commerce Reported	
	2221 kerosene	38
	2340 residual fuel oil	32
	2430 asphalt, tar & pitch	14
	4189 lumber	0
	4420 iron & steel scrap	13
	5290 misc. mineral prod.	0
	5480 fab. metal products	0
	7110 machinery (not elec)	1
	7230 ships & boats	0
	7400 manufac. wood prod.	0
	Total Tons(x1000)	99
	Total Ton-miles(x1000)	12,775
Total Trip-ton-miles Internal and Intraport (x1000)	14,076	
DARIEN HARBOR, GA SATILLA RIVER, GA SAVANNAH RIVER BELOW AUGUSTA, GA	No Commerce Reported	
	No Commerce Reported	
	7110 machinery (not elec)	0
	7120 electrical machinery	0
Total Tons(x1000)	1	
Total Ton-miles(x1000)	28	
Total Trip-ton-miles Internal and Intraport (x1000)	33	
ST. MARYS RIVER, GA AND FL	No Commerce Reported	

FERNANDINA HARBOR, FL

Section Included: From the bar to the junction of Lanceford Creek with Amelia River. Controlling Depth: 46 feet in the entrance channel thence 32 feet in the inner channel to the Nassav Terminals. Constructed Project Depths: The entrance channel was deepened to 46 feet in connection with the construction of the F.B.M. Submarine Support Base At King's Bay, St. Mary's, Georgia. The Inner Harbor Channel authorized to the 32 foot project. Length of project is about 13 miles.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	552	2010	734	2013	299	2016	354
2008	459	2011	607	2014	300		
2009	568	2012	516	2015	353		

Freight Traffic, 2016 (thousand short tons)

Commodity	Grand Total	Foreign		Domestic
		Inbound	Outbound	Internal Receipts
Total, all commodities	354	35	251	68
Total petroleum and petroleum products	4	1	1	2
Subtotal petroleum products	4	1	1	2
2211 gasoline	0	—	0	—
2330 distillate fuel oil	0	—	0	—
2340 residual fuel oil	2	—	—	2
2350 lube oil & greases	0	—	0	—
2429 naphtha & solvents	1	—	1	—
2540 petroleum coke	1	1	—	—
2640 hydrocarbon & petrol gases, liquefied and aaseous	0	—	0	—
Total chemicals and related products	68	0	2	66
Subtotal fertilizers	0	—	0	—
3120 phosphatic fert.	0	—	0	—
3190 fert. & mixes nec	0	—	0	—
Subtotal other chemicals and related products	68	0	2	66
3219 other hydrocarbons	0	—	0	—
3220 alcohols	0	—	0	—
3240 nitrogen func. comp.	0	—	0	—
3250 organo - inorg. comp.	0	—	0	—
3260 organic comp. nec	0	—	0	—
3272 sulphuric acid	0	—	0	—
3274 sodium hydroxide	66	—	0	66
3275 inorg. elem., oxides, & halogen salts	0	—	0	—
3276 metallic salts	0	—	0	—
3279 inorganic chem. nec	0	—	0	—
3281 radioactive material	0	—	0	—
3282 pigments & paints	0	—	0	—
3284 medicines	0	0	0	—
3285 perfumes & cleansers	1	—	1	—
3286 plastics	0	—	0	—
3291 pesticides	0	—	0	—
3292 starches, gluten, glue	0	—	0	—
3293 explosives	0	—	0	—
3299 chem. products nec	1	0	1	—
Total crude materials, inedible except fuels	35	0	34	—
Subtotal forest products, wood and chips	25	—	25	—
4161 wood chips	0	—	0	—
4170 wood in the rough	0	—	0	—
4189 lumber	24	—	24	—
4190 forest products nec	0	—	0	—
Subtotal pulp and waste paper	7	—	7	—
4225 pulp & waste paper	7	—	7	—
Subtotal soil, sand, gravel, rock and stone	0	—	0	—
4310 building stone	0	—	0	—
4331 sand & gravel	0	—	0	—
Subtotal iron ore and scrap	0	0	0	—
4420 iron & steel scrap	0	0	0	—
Subtotal non-ferrous ores and scrap	2	—	2	—
4650 aluminum ore	2	—	2	—
Subtotal sulphur, clay and salt	0	—	0	—
4782 clay & refrac. mat.	0	—	0	—
Subtotal other non-metal. min.	1	—	1	—
4900 non-metal. min. nec	1	—	1	—
Total primary manufactured goods	167	4	163	—
Subtotal paper products	157	—	157	—
5120 paper & paperboard	156	—	156	—
5190 paper products nec	1	—	1	—
Subtotal lime, cement and glass	1	—	1	—
5240 glass & glass prod.	0	—	0	—
5290 misc. mineral prod.	1	—	1	—
Subtotal primary iron and steel products	5	4	1	—
5320 i&s primary forms	0	—	0	—
5360 i&s bars & shapes	4	4	1	—
5370 i&s pipe & tube	0	—	0	—
5390 primary i&s nec	0	—	0	—
Subtotal primary non-ferrous metal products	2	—	2	—
5422 aluminum	0	—	0	—
5480 fab. metal products	2	—	2	—
Subtotal primary wood products	1	—	1	—
5540 primary wood prod.	1	—	1	—
Total food and farm products	31	21	9	—
Subtotal fish	0	—	0	—
6134 fish (not shellfish)	0	—	0	—

FERNANDINA HARBOR, FL
Freight Traffic, 2016 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Domestic
		Inbound	Outbound	Internal Receipts
6136 shellfish	0	—	0	—
Subtotal grain	21	21	—	—
6445 oats	21	21	—	—
Subtotal vegetable products	0	—	0	—
6653 vegetable oils	0	—	0	—
6654 vegetables & prod.	0	—	0	—
Subtotal processed grain and animal feed	1	—	1	—
6747 grain mill products	0	—	0	—
6781 hay & fodder	0	—	0	—
6782 animal feed, prep.	1	—	1	—
Subtotal other agricultural products	8	—	8	—
6811 meat, fresh, frozen	0	—	0	—
6822 dairy products	0	—	0	—
6858 fruit juices	0	—	0	—
6861 sugar	0	—	0	—
6871 coffee	0	—	0	—
6885 alcoholic beverages	0	—	0	—
6888 water & ice	1	—	1	—
6889 food products nec	6	—	6	—
6891 tobacco & products	0	—	0	—
Total all manufactured equipment, machinery and products	13	8	5	—
7110 machinery (not elec)	1	0	1	—
7120 electrical machinery	1	0	1	—
7210 vehicles & parts	0	0	0	—
7220 aircraft & parts	0	—	0	—
7230 ships & boats	0	0	0	—
7400 manufac. wood prod.	0	0	0	—
7500 textile products	0	—	0	—
7600 rubber & plastic pr.	1	0	1	—
7900 manufac. prod. nec	9	8	1	—
Total unknown or not elsewhere classified	37	0	37	—
9900 unknown or nec	37	0	37	—

Tons All Traffic (x1000) **354**
Total Trip-ton-miles Internal and Intraport (x1000) **2,437**

JACKSONVILLE HARBOR, FL

Section Included: Atlantic Ocean to the Florida East Coast Railway Bridge at Jacksonville, 26.8 miles. Maintained Depth: 36 feet, Atlantic Ocean to Terminal Channel, mile 20, except for shoals in the outside quarter; thence 34 feet thru Terminal Channel, mile 20 to Commodore Point (Hart Bridge), except for shoals in the outside quarter. Length of Project is 27 miles. Tidal range to 5 feet mean higher high water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	21,216	2010	19,122	2013	16,473	2016	18,575
2008	21,057	2011	16,831	2014	17,319		
2009	17,691	2012	15,439	2015	17,607		

Freight Traffic, 2016 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
Total, all commodities	10,878	8,470	1,901	445	63
Total coal	2,418	2,355	0	—	63
1100 coal & lignite	2,418	2,355	0	—	63
Total petroleum and petroleum products	1,217	965	3	249	—
Subtotal petroleum products	1,217	965	3	249	—
2211 gasoline	299	299	—	—	—
2330 distillate fuel oil	439	190	0	249	—
2340 residual fuel oil	9	9	—	—	—
2350 lube oil & greases	1	0	1	—	—
2429 naphtha & solvents	58	57	2	—	—
2540 petroleum coke	368	367	0	—	—
2640 hydrocarbon & petrol gases, liquefied and aaseous	42	42	0	—	—
Total chemicals and related products	517	334	172	11	—
Subtotal fertilizers	20	14	6	—	—
3110 nitrogenous fert.	12	12	0	—	—
3190 fert. & mixes nec	8	2	6	—	—
Subtotal other chemicals and related products	497	320	166	11	—
3211 acyclic hydrocarbons	0	—	0	—	—
3212 benzene & toluene	0	—	0	—	—
3219 other hydrocarbons	5	4	1	—	—
3220 alcohols	8	6	2	—	—
3230 carboxylic acids	17	16	2	—	—
3240 nitrogen func. comp.	4	1	3	—	—
3250 organo - inorg. comp.	3	2	1	—	—
3260 organic comp. nec	18	17	1	—	—
3272 sulphuric acid	106	95	0	11	—
3273 ammonia	0	—	0	—	—
3274 sodium hydroxide	0	0	0	—	—
3275 inorg. elem., oxides, & halogen salts	27	24	3	—	—
3276 metallic salts	7	5	3	—	—
3279 inorganic chem. nec	1	0	0	—	—

JACKSONVILLE HARBOR, FL
 Freight Traffic, 2016 - continued
 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
3281 radioactive material	0	0	0	—	—
3282 pigments & paints	9	6	3	—	—
3283 coloring mat. nec	8	0	7	—	—
3284 medicines	3	1	2	—	—
3285 perfumes & cleansers	36	23	13	—	—
3286 plastics	102	23	79	—	—
3291 pesticides	3	0	3	—	—
3292 starches, gluten, glue	13	1	12	—	—
3293 explosives	1	0	0	—	—
3297 chemical additives	12	11	1	—	—
3298 wood & resin chem.	11	4	8	—	—
3299 chem. products nec	103	81	22	—	—
Total crude materials, inedible except fuels	2,957	1,982	792	182	—
Subtotal forest products, wood and chips	463	79	384	—	—
4110 rubber & gums	0	0	—	—	—
4150 fuel wood	4	2	2	—	—
4161 wood chips	262	0	262	—	—
4170 wood in the rough	51	1	50	—	—
4189 lumber	139	69	69	—	—
4190 forest products nec	7	7	1	—	—
Subtotal pulp and waste paper	614	256	359	—	—
4225 pulp & waste paper	614	256	359	—	—
Subtotal soil, sand, gravel, rock and stone	1,578	1,395	0	182	—
4310 building stone	22	22	0	—	—
4322 limestone	1,384	1,317	0	66	—
4323 gypsum	0	0	0	—	—
4331 sand & gravel	172	56	0	116	—
Subtotal iron ore and scrap	26	1	26	—	—
4420 iron & steel scrap	26	1	26	—	—
Subtotal non-ferrous ores and scrap	18	1	17	—	—
4630 copper ore	0	—	0	—	—
4650 aluminum ore	0	0	0	—	—
4680 non-ferrous scrap	17	0	16	—	—
4690 non-ferrous ores nec	1	1	—	—	—
Subtotal sulphur, clay and salt	66	58	7	—	—
4741 sulphur, (dry)	0	—	0	—	—
4782 clay & refrac. mat.	7	0	7	—	—
4783 salt	58	58	0	—	—
Subtotal slag	161	161	—	—	—
4860 slag	161	161	—	—	—
Subtotal other non-metal. min.	31	30	0	—	—
4900 non-metal. min. nec	31	30	0	—	—
Total primary manufactured goods	937	835	102	—	—
Subtotal paper products	504	447	57	—	—
5110 newsprint	1	0	0	—	—
5120 paper & paperboard	468	420	48	—	—
5190 paper products nec	36	26	9	—	—
Subtotal lime, cement and glass	41	35	5	—	—
5220 cement & concrete	0	0	0	—	—
5240 glass & glass prod.	10	8	2	—	—
5290 misc. mineral prod.	30	27	3	—	—
Subtotal primary iron and steel products	180	174	6	—	—
5312 pig iron	0	0	0	—	—
5315 ferro alloys	0	0	0	—	—
5320 i&s primary forms	2	1	1	—	—
5330 i&s plates & sheets	42	42	0	—	—
5360 i&s bars & shapes	113	112	1	—	—
5370 i&s pipe & tube	12	9	3	—	—
5390 primary i&s nec	10	10	1	—	—
Subtotal primary non-ferrous metal products	146	117	29	—	—
5421 copper	4	3	0	—	—
5422 aluminum	33	33	0	—	—
5429 smelted prod. nec	16	0	16	—	—
5480 fab. metal products	93	80	13	—	—
Subtotal primary wood products	67	63	4	—	—
5540 primary wood prod.	67	63	4	—	—
Total food and farm products	501	330	171	—	—
Subtotal fish	64	63	1	—	—
6134 fish (not shellfish)	38	37	1	—	—
6136 shellfish	26	26	0	—	—
Subtotal grain	11	6	5	—	—
6241 wheat	3	0	3	—	—
6344 corn	1	0	1	—	—
6442 rice	6	5	1	—	—
Subtotal oilseeds	5	0	5	—	—
6521 peanuts	2	—	2	—	—
6522 soybeans	0	0	0	—	—
6590 oilseeds nec	2	0	2	—	—
Subtotal vegetable products	29	20	9	—	—
6653 vegetable oils	21	15	5	—	—
6654 vegetables & prod.	8	5	3	—	—
Subtotal processed grain and animal feed	13	2	11	—	—
6746 wheat flour	1	0	1	—	—
6747 grain mill products	2	1	1	—	—
6781 hay & fodder	0	0	0	—	—
6782 animal feed, prep.	9	0	9	—	—

JACKSONVILLE HARBOR, FL
 Freight Traffic, 2016 - continued
 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
Subtotal other agricultural products	380	239	141	---	---
6811 meat, fresh, frozen	31	2	29	---	---
6817 meat, prepared	1	0	1	---	---
6822 dairy products	1	0	1	---	---
6835 fish, prepared	5	5	0	---	---
6838 tallow, animal oils	2	0	2	---	---
6839 animals & prod. nec	1	0	1	---	---
6856 bananas & plantains	0	0	---	---	---
6857 fruit & nuts nec	30	4	25	---	---
6858 fruit juices	53	40	14	---	---
6861 sugar	15	15	0	---	---
6865 molasses	0	0	---	---	---
6871 coffee	117	116	1	---	---
6872 cocoa beans	0	0	0	---	---
6885 alcoholic beverages	47	14	33	---	---
6888 water & ice	2	0	2	---	---
6889 food products nec	65	34	31	---	---
6891 tobacco & products	2	2	1	---	---
6893 cotton	4	4	0	---	---
6894 natural fibers nec	0	0	0	---	---
6899 farm products nec	1	1	0	---	---
Total all manufactured equipment, machinery and products	2,029	1,592	437	---	---
7110 machinery (not elec)	149	67	82	---	---
7120 electrical machinery	115	69	46	---	---
7210 vehicles & parts	1,050	869	181	---	---
7220 aircraft & parts	0	0	0	---	---
7230 ships & boats	6	1	5	---	---
7300 ordnance & access.	0	0	0	---	---
7400 manufac. wood prod.	29	17	12	---	---
7500 textile products	109	101	8	---	---
7600 rubber & plastic pr.	158	126	33	---	---
7900 manufac. prod. nec	413	342	71	---	---
Total unknown or not elsewhere classified	302	77	223	3	---
9900 unknown or nec	302	77	223	3	---

Commodity	Total	Domestic					
		Coastwise				Internal	
		Receipts	Shipments	Through		Shipments	Intraport
Upbound	Downbnd						
Total, all commodities	7,696	4,897	2,566	3	53	123	54
Total coal	0	---	0	---	---	---	---
1100 coal & lignite	0	---	0	---	---	---	---
Total petroleum and petroleum products	4,190	4,068	4	---	8	57	54
Subtotal petroleum products	4,190	4,068	4	---	8	57	54
2211 gasoline	2,786	2,786	0	---	---	---	---
2221 kerosene	47	---	---	---	8	38	1
2330 distillate fuel oil	785	785	---	---	---	---	---
2340 residual fuel oil	134	61	0	---	---	19	53
2350 lube oil & greases	2	---	2	---	---	---	---
2410 petro. jelly & waxes	0	---	0	---	---	---	---
2430 asphalt, tar & pitch	22	22	0	---	---	---	---
2540 petroleum coke	414	414	---	---	---	---	---
2640 hydrocarbon & petrol gases, liquefied and gaseous	1	---	1	---	---	---	---
Total chemicals and related products	508	182	213	3	45	66	---
Subtotal fertilizers	9	---	9	---	---	---	---
3110 nitrogenous fert.	8	---	8	---	---	---	---
3120 phosphatic fert.	0	---	0	---	---	---	---
3130 potassic fert.	0	---	0	---	---	---	---
3190 fert. & mixes nec	0	---	0	---	---	---	---
Subtotal other chemicals and related products	500	182	204	3	45	66	---
3212 benzene & toluene	22	22	0	---	---	---	---
3219 other hydrocarbons	14	---	0	---	13	---	---
3220 alcohols	4	3	1	---	---	---	---
3230 carboxylic acids	0	---	0	---	---	---	---
3250 organo - inorg. comp.	0	---	0	---	---	---	---
3260 organic comp. nec	1	---	1	---	---	---	---
3273 ammonia	1	---	1	---	---	---	---
3274 sodium hydroxide	210	110	0	3	32	66	---
3275 inorg. elem., oxides, & halogen salts	6	1	5	---	---	---	---
3276 metallic salts	1	---	1	---	---	---	---
3282 pigments & paints	10	1	8	---	---	---	---
3284 medicines	73	22	50	---	---	---	---
3285 perfumes & cleansers	14	0	14	---	---	---	---
3286 plastics	6	0	5	---	---	---	---
3291 pesticides	4	1	2	---	---	---	---
3292 starches, gluten, glue	8	0	8	---	---	---	---
3293 explosives	0	---	0	---	---	---	---
3297 chemical additives	1	---	1	---	---	---	---
3299 chem. products nec	125	20	105	---	---	---	---
Total crude materials, inedible except fuels	29	23	6	---	---	---	---
Subtotal forest products, wood and chips	2	0	2	---	---	---	---
4110 rubber & gums	0	0	---	---	---	---	---

JACKSONVILLE HARBOR, FL
 Freight Traffic, 2016 - continued
 (thousand short tons)

Commodity	Total	Domestic					
		Coastwise				Internal	
		Receipts	Shipments	Through		Shipments	Intraport
		Upbound	Downbnd				
4161 wood chips	0	—	0	—	—	—	—
4189 lumber	0	0	0	—	—	—	—
4190 forest products nec	2	0	2	—	—	—	—
Subtotal soil, sand, gravel, rock and stone	2	—	2	—	—	—	—
4310 building stone	0	—	0	—	—	—	—
4323 gypsum	0	—	0	—	—	—	—
4331 sand & gravel	2	—	2	—	—	—	—
4338 soil & fill dirt	0	—	0	—	—	—	—
Subtotal iron ore and scrap	7	7	0	—	—	—	—
4420 iron & steel scrap	7	7	0	—	—	—	—
Subtotal non-ferrous ores and scrap	1	1	0	—	—	—	—
4630 copper ore	0	—	0	—	—	—	—
4650 aluminum ore	0	—	0	—	—	—	—
4680 non-ferrous scrap	1	1	—	—	—	—	—
Subtotal sulphur, clay and salt	1	—	1	—	—	—	—
4782 clay & refrac. mat.	0	—	0	—	—	—	—
4783 salt	1	—	1	—	—	—	—
Subtotal slag	14	14	—	—	—	—	—
4860 slag	14	14	—	—	—	—	—
Subtotal other non-metal. min.	0	0	0	—	—	—	—
4900 non-metal. min. nec	0	0	0	—	—	—	—
Total primary manufactured goods	72	6	66	—	—	—	—
Subtotal paper products	48	0	47	—	—	—	—
5120 paper & paperboard	29	0	29	—	—	—	—
5190 paper products nec	19	—	19	—	—	—	—
Subtotal lime, cement and glass	4	1	3	—	—	—	—
5220 cement & concrete	0	—	0	—	—	—	—
5240 glass & glass prod.	1	0	1	—	—	—	—
5290 misc. mineral prod.	3	1	2	—	—	—	—
Subtotal primary iron and steel products	3	0	2	—	—	—	—
5330 i&s plates & sheets	1	—	1	—	—	—	—
5360 i&s bars & shapes	0	0	0	—	—	—	—
5370 i&s pipe & tube	0	0	0	—	—	—	—
5390 primary i&s nec	0	—	0	—	—	—	—
Subtotal primary non-ferrous metal products	17	5	13	—	—	—	—
5421 copper	0	—	0	—	—	—	—
5422 aluminum	5	0	5	—	—	—	—
5429 smelted prod. nec	2	—	2	—	—	—	—
5480 fab. metal products	10	4	6	—	—	—	—
Subtotal primary wood products	1	—	1	—	—	—	—
5540 primary wood prod.	1	—	1	—	—	—	—
Total food and farm products	1,356	205	1,151	—	—	—	—
Subtotal fish	0	—	0	—	—	—	—
6134 fish (not shellfish)	0	—	0	—	—	—	—
Subtotal grain	9	4	5	—	—	—	—
6241 wheat	0	—	0	—	—	—	—
6344 corn	0	—	0	—	—	—	—
6442 rice	8	4	4	—	—	—	—
Subtotal oilseeds	1	0	1	—	—	—	—
6522 soybeans	0	0	0	—	—	—	—
6590 oilseeds nec	1	—	1	—	—	—	—
Subtotal vegetable products	145	19	126	—	—	—	—
6653 vegetable oils	7	0	7	—	—	—	—
6654 vegetables & prod.	138	19	119	—	—	—	—
Subtotal processed grain and animal feed	46	2	43	—	—	—	—
6746 wheat flour	1	—	1	—	—	—	—
6747 grain mill products	11	2	9	—	—	—	—
6782 animal feed, prep.	34	0	34	—	—	—	—
Subtotal other agricultural products	1,155	180	975	—	—	—	—
6811 meat, fresh, frozen	151	0	151	—	—	—	—
6817 meat, prepared	12	0	12	—	—	—	—
6822 dairy products	34	1	33	—	—	—	—
6835 fish, prepared	0	—	0	—	—	—	—
6839 animals & prod. nec	11	0	11	—	—	—	—
6857 fruit & nuts nec	14	2	12	—	—	—	—
6858 fruit juices	15	0	15	—	—	—	—
6861 sugar	2	—	2	—	—	—	—
6871 coffee	1	0	1	—	—	—	—
6885 alcoholic beverages	69	9	60	—	—	—	—
6887 groceries	554	40	514	—	—	—	—
6888 water & ice	3	0	3	—	—	—	—
6889 food products nec	283	124	159	—	—	—	—
6891 tobacco & products	4	3	1	—	—	—	—
6899 farm products nec	3	0	3	—	—	—	—
Total all manufactured equipment, machinery and products	1,531	406	1,126	—	—	—	—
7110 machinery (not elec)	201	173	28	—	—	—	—
7120 electrical machinery	66	15	51	—	—	—	—
7210 vehicles & parts	79	10	68	—	—	—	—
7230 ships & boats	0	0	0	—	—	—	—
7300 ordnance & access.	0	—	0	—	—	—	—
7400 manufac. wood prod.	112	42	69	—	—	—	—
7500 textile products	20	4	16	—	—	—	—
7600 rubber & plastic pr.	20	5	15	—	—	—	—
7900 manufac. prod. nec	1,034	156	877	—	—	—	—

JACKSONVILLE HARBOR, FL
Freight Traffic, 2016 - continued
(thousand short tons)

Commodity	Total	Domestic					
		Coastwise				Internal	
		Receipts	Shipments	Through		Shipments	Intraport
		Upbound	Downbnd				
Total waste and scrap nec	1	1	---	---	---	---	---
8900 waste and scrap nec	1	1	---	---	---	---	---
Total unknown or not elsewhere classified	8	7	1	---	---	---	---
9900 unknown or nec	8	7	1	---	---	---	---

CANAVERAL HARBOR, FL

Section Included: Entrance Channel (Atlantic Ocean) to Barrier Beach inner channel and Turning Basins, thence a Barge canal through a lock in the perimeter dike and continuing to the Intracoastal Waterway, Jacksonville to Miami. Controlling Depth: 43 feet in entrance channel cut-1a and cut-1, thence 37 feet in inner channel cut-2 to Barrier Beach, thence 36 feet in inner channel to Civil Turning Basin of 35 feet, continuing along barge canal of 12 feet. Project Depths: 44 feet in the U. S. Navy entrance channel (Atlantic Ocean) to Barrier Beach inner channel intersection Navy's Trident Access channel, thence 43 feet for 0.13 mile, thence 36 feet to Civil Turning Basin of 35 feet and continuing along Barge Canal of 12 feet. Length of Project is about 15.4 miles. The Civil Project depth of entrance channel to Barrier Beach inner channel is 37 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	3,470	2010	2,510	2013	3,337	2016	4,827
2008	2,431	2011	3,462	2014	3,149		
2009	2,301	2012	3,164	2015	4,067		

Freight Traffic, 2016 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic		
		Inbound	Outbound		Inbound	Total	Coastwise
				Receipts		Shipments	
Total, all commodities	4,827	2,812	38	637	1,339	1,090	250
Total petroleum and petroleum products	2,990	1,692	0	287	1,010	934	76
Subtotal petroleum products	2,990	1,692	0	287	1,010	934	76
2211 gasoline	1,433	630	---	86	718	666	52
2221 kerosene	657	500	---	21	136	136	---
2330 distillate fuel oil	728	399	---	180	149	125	24
2340 residual fuel oil	18	18	---	---	---	---	---
2350 lube oil & greases	38	37	0	---	---	---	---
2429 naphtha & solvents	80	72	0	---	8	8	---
2640 hydrocarbon & petrol gases, liquefied and gaseous	36	36	---	---	---	---	---
Total chemicals and related products	268	108	0	---	160	154	6
Subtotal fertilizers	55	49	---	---	6	---	6
3110 nitrogenous fert.	3	3	---	---	---	---	---
3120 phosphatic fert.	6	---	---	---	6	---	6
3130 potassic fert.	8	8	---	---	---	---	---
3190 fert. & mixes nec	38	38	---	---	---	---	---
Subtotal other chemicals and related products	213	59	0	---	154	154	---
3220 alcohols	154	---	---	---	154	154	---
3230 carboxylic acids	6	6	---	---	---	---	---
3260 organic comp. nec	12	12	---	---	---	---	---
3275 inorg. elem., oxides, & halogen salts	0	---	0	---	---	---	---
3276 metallic salts	14	14	---	---	---	---	---
3282 pigments & paints	0	---	0	---	---	---	---
3285 perfumes & cleansers	0	---	0	---	---	---	---
3286 plastics	4	4	0	---	---	---	---
3292 starches, gluten, glue	0	---	0	---	---	---	---
3297 chemical additives	0	---	0	---	---	---	---
3299 chem. products nec	23	23	0	---	---	---	---
Total crude materials, inedible except fuels	1,265	943	1	321	---	---	---
Subtotal forest products, wood and chips	27	27	0	---	---	---	---
4150 fuel wood	1	1	---	---	---	---	---
4189 lumber	26	26	0	---	---	---	---
4190 forest products nec	0	---	0	---	---	---	---
Subtotal pulp and waste paper	7	7	---	---	---	---	---
4225 pulp & waste paper	7	7	---	---	---	---	---
Subtotal soil, sand, gravel, rock and stone	636	315	0	321	---	---	---
4310 building stone	0	---	0	---	---	---	---
4322 limestone	267	267	---	---	---	---	---
4331 sand & gravel	369	48	0	321	---	---	---
Subtotal iron ore and scrap	0	0	---	---	---	---	---
4420 iron & steel scrap	0	0	---	---	---	---	---
Subtotal non-ferrous ores and scrap	0	0	---	---	---	---	---
4680 non-ferrous scrap	0	0	---	---	---	---	---
Subtotal sulphur, clay and salt	222	221	1	---	---	---	---
4783 salt	222	221	1	---	---	---	---
Subtotal slag	373	373	---	---	---	---	---
4860 slaa	373	373	---	---	---	---	---
Total primary manufactured goods	201	3	1	29	169	1	168
Subtotal paper products	30	1	0	29	---	---	---
5110 newsprint	29	---	---	29	---	---	---
5120 paper & paperboard	0	---	---	0	---	---	---
5190 paper products nec	1	1	0	---	---	---	---
Subtotal lime, cement and glass	168	0	0	---	167	---	167
5210 lime	0	---	0	---	---	---	---
5220 cement & concrete	159	---	0	---	158	---	158
5240 glass & glass prod.	0	0	---	---	---	---	---

CANAVERAL HARBOR, FL
Freight Traffic, 2016 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic		
		Inbound	Outbound	Inbound	Total	Coastwise	
					Receipts	Shipments	
5290 misc. mineral prod.	9	—	0	—	9	—	9
Subtotal primary iron and steel products	1	1	0	—	—	—	—
5320 i&s primary forms	0	—	0	—	—	—	—
5360 i&s bars & shapes	0	—	0	—	—	—	—
5370 i&s pipe & tube	1	1	0	—	—	—	—
Subtotal primary non-ferrous metal products	2	0	0	—	1	1	0
5480 fab. metal products	2	0	0	—	1	1	0
Subtotal primary wood products	0	0	0	—	—	—	—
5540 primary wood prod.	0	0	0	—	—	—	—
Total food and farm products	58	31	28	—	—	—	—
Subtotal vegetable products	1	1	—	—	—	—	—
6654 vegetables & prod.	1	1	—	—	—	—	—
Subtotal processed grain and animal feed	0	0	0	—	—	—	—
6747 grain mill products	0	0	—	—	—	—	—
6782 animal feed, prep.	0	—	0	—	—	—	—
Subtotal other agricultural products	57	30	28	—	—	—	—
6811 meat, fresh, frozen	0	0	0	—	—	—	—
6856 bananas & plantains	0	0	—	—	—	—	—
6857 fruit & nuts nec	27	18	10	—	—	—	—
6858 fruit juices	26	9	18	—	—	—	—
6871 coffee	0	0	—	—	—	—	—
6885 alcoholic beverages	0	0	0	—	—	—	—
6889 food products nec	3	3	0	—	—	—	—
6899 farm products nec	0	0	—	—	—	—	—
Total all manufactured equipment, machinery and products	30	23	7	—	—	—	—
7110 machinery (not elec)	3	2	1	—	—	—	—
7120 electrical machinery	0	0	0	—	—	—	—
7210 vehicles & parts	19	15	4	—	—	—	—
7230 ships & boats	0	0	0	—	—	—	—
7400 manufac. wood prod.	0	—	0	—	—	—	—
7500 textile products	0	0	0	—	—	—	—
7600 rubber & plastic pr.	1	1	0	—	—	—	—
7900 manufac. prod. nec	7	6	2	—	—	—	—
Total unknown or not elsewhere classified	15	13	2	—	—	—	—
9900 unknown or nec	15	13	2	—	—	—	—

PALM BEACH HARBOR, FL

Section Included: Atlantic Ocean to Port of Palm Beach Terminals, 1.7 miles; Lake Worth from Riviera Bridge to Southern Boulevard Bridge at West Palm Beach, 7.5 miles; and "Palm Beach, FL side channel and basin." Controlling Depth: 34 feet, ocean to turning basin at port of Palm Beach Terminals, and 33 feet in turning basin; except for shoals in the outside quarters; 12 feet in channel.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	3,117	2010	2,374	2013	2,130	2016	2,382
2008	2,377	2011	1,813	2014	2,135		
2009	2,342	2012	2,065	2015	2,319		

Freight Traffic, 2016 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Inbound	Outbound	Inbound	Outbound	Total	Coastwise	
						Receipts	Shipments	
Total, all commodities	2,382	240	1,187	134	25	797	168	628
Total coal	0	—	0	0	—	—	—	—
1100 coal & lignite	0	—	0	0	—	—	—	—
Total petroleum and petroleum products	207	31	21	0	—	155	155	—
Subtotal petroleum products	207	31	21	0	—	155	155	—
2211 gasoline	8	—	8	—	—	—	—	—
2221 kerosene	1	—	1	—	—	—	—	—
2330 distillate fuel oil	76	0	0	—	—	76	76	—
2340 residual fuel oil	24	—	—	—	—	24	24	—
2350 lube oil & greases	4	1	3	0	—	—	—	—
2410 petro. jelly & waxes	0	—	0	—	—	—	—	—
2429 naphtha & solvents	1	0	1	—	—	—	—	—
2430 asphalt, tar & pitch	56	0	0	0	—	56	56	—
2540 petroleum coke	30	29	1	0	—	—	—	—
2640 hydrocarbon & petrol gases, liquefied and gaseous	7	0	6	—	—	—	—	—
Total chemicals and related products	99	37	58	4	—	0	0	—
Subtotal fertilizers	6	—	3	3	—	—	—	—
3110 nitrogenous fert.	0	—	0	—	—	—	—	—
3190 fert. & mixes nec	6	—	3	3	—	—	—	—
Subtotal other chemicals and related products	93	37	55	1	—	0	0	—
3211 acyclic hydrocarbons	2	0	1	—	—	—	—	—
3212 benzene & toluene	0	—	0	—	—	—	—	—
3219 other hydrocarbons	0	—	0	—	—	—	—	—
3220 alcohols	5	4	1	0	—	0	0	—
3230 carboxylic acids	2	1	1	0	—	—	—	—
3240 nitrogen func. comp.	0	0	0	—	—	—	—	—

PALM BEACH HARBOR, FL
Freight Traffic, 2016 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Inbound	Outbound	Inbound	Outbound	Total	Coastwise	
							Receipts	Shipments
3250 organo - inorg. comp.	0	---	0	---	---	---	---	---
3260 organic comp. nec	2	0	2	0	---	---	---	---
3272 sulphuric acid	0	0	0	0	---	---	---	---
3273 ammonia	0	0	---	---	---	---	---	---
3274 sodium hydroxide	1	0	1	---	---	---	---	---
3275 inorg. elem., oxides, & halogen salts	6	1	5	0	---	---	---	---
3276 metallic salts	1	0	1	0	---	---	---	---
3279 inorganic chem. nec	0	---	0	---	---	---	---	---
3281 radioactive material	1	---	1	---	---	---	---	---
3282 pigments & paints	6	0	6	0	---	---	---	---
3283 coloring mat. nec	0	0	0	---	---	---	---	---
3284 medicines	1	0	1	0	---	---	---	---
3285 perfumes & cleansers	19	2	17	0	---	---	---	---
3286 plastics	25	21	4	0	---	---	---	---
3291 pesticides	1	0	1	0	---	---	---	---
3292 starches, gluten, glue	1	0	1	0	---	---	---	---
3293 explosives	0	---	0	0	---	---	---	---
3297 chemical additives	0	---	0	0	---	---	---	---
3299 chem. products nec	17	7	10	0	---	---	---	---
Total crude materials, inedible except fuels	101	3	97	2	---	0	0	---
Subtotal forest products, wood and chips	44	1	43	0	---	---	---	---
4110 rubber & gums	0	---	0	---	---	---	---	---
4150 fuel wood	7	---	7	---	---	---	---	---
4161 wood chips	0	---	0	---	---	---	---	---
4170 wood in the rough	4	0	4	---	---	---	---	---
4189 lumber	32	0	31	0	---	---	---	---
4190 forest products nec	1	0	1	---	---	---	---	---
Subtotal pulp and waste paper	3	---	1	2	---	---	---	---
4225 pulp & waste paper	3	---	1	2	---	---	---	---
Subtotal soil, sand, gravel, rock and stone	5	1	4	0	---	---	---	---
4310 building stone	1	---	1	0	---	---	---	---
4322 limestone	0	0	0	---	---	---	---	---
4323 gypsum	1	0	1	---	---	---	---	---
4331 sand & gravel	3	0	3	---	---	---	---	---
Subtotal iron ore and scrap	38	1	37	---	---	---	---	---
4410 iron ore	0	---	0	---	---	---	---	---
4420 iron & steel scrap	38	1	37	---	---	---	---	---
Subtotal marine shells	0	0	0	0	---	---	---	---
4515 marine shells	0	0	0	0	---	---	---	---
Subtotal non-ferrous ores and scrap	0	0	0	---	---	0	0	---
4630 copper ore	0	---	0	---	---	---	---	---
4680 non-ferrous scrap	0	0	0	---	---	0	0	---
4690 non-ferrous ores nec	0	---	0	---	---	---	---	---
Subtotal sulphur, clay and salt	0	0	0	0	---	---	---	---
4782 clay & refrac. mat.	0	---	0	0	---	---	---	---
4783 salt	0	0	0	---	---	---	---	---
Subtotal other non-metal. min.	11	1	11	0	---	---	---	---
4900 non-metal. min. nec	11	1	11	0	---	---	---	---
Total primary manufactured goods	206	23	164	20	1	0	0	---
Subtotal paper products	24	0	15	8	1	---	---	---
5110 newsprint	0	---	0	---	---	---	---	---
5120 paper & paperboard	15	0	7	7	1	---	---	---
5190 paper products nec	9	0	8	1	0	---	---	---
Subtotal lime, cement and glass	56	1	46	9	0	---	---	---
5210 lime	0	---	0	---	---	---	---	---
5220 cement & concrete	18	---	18	---	0	---	---	---
5240 glass & glass prod.	20	0	11	9	---	---	---	---
5290 misc. mineral prod.	18	1	17	0	0	---	---	---
Subtotal primary iron and steel products	34	16	18	0	0	---	---	---
5312 pig iron	0	---	0	---	---	---	---	---
5320 i&s primary forms	13	8	5	---	---	---	---	---
5330 i&s plates & sheets	1	0	1	---	---	---	---	---
5360 i&s bars & shapes	18	8	10	0	0	---	---	---
5370 i&s pipe & tube	3	0	2	0	---	---	---	---
5390 primary i&s nec	0	0	0	0	---	---	---	---
Subtotal primary non-ferrous metal products	83	6	75	2	0	0	0	---
5421 copper	0	0	0	0	---	---	---	---
5422 aluminum	1	0	1	0	---	---	---	---
5429 smelted prod. nec	0	---	0	---	---	---	---	---
5480 fab. metal products	82	6	74	2	0	0	0	---
Subtotal primary wood products	9	0	9	0	---	---	---	---
5540 primarv wood prod.	9	0	9	0	---	---	---	---
Total food and farm products	1,390	33	595	96	24	641	13	628
Subtotal fish	8	3	4	1	0	---	---	---
6134 fish (not shellfish)	3	0	2	1	0	---	---	---
6136 shellfish	5	3	2	1	0	---	---	---
Subtotal grain	8	0	8	0	---	---	---	---
6241 wheat	0	---	0	0	---	---	---	---
6344 corn	1	---	1	0	---	---	---	---
6442 rice	7	0	7	0	---	---	---	---
6445 oats	0	---	0	0	---	---	---	---

PALM BEACH HARBOR, FL
Freight Traffic, 2016 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Inbound	Outbound	Inbound	Outbound	Total	Coastwise	
							Receipts	Shipments
Subtotal oilseeds	0	---	0	0	---	---	---	---
6521 peanuts	0	---	0	---	---	---	---	---
6522 soybeans	0	---	0	---	---	---	---	---
6534 flaxseed	0	---	0	0	---	---	---	---
6590 oilseeds nec	0	---	0	0	---	---	---	---
Subtotal vegetable products	114	11	36	66	---	---	---	---
6653 vegetable oils	3	0	2	0	---	---	---	---
6654 vegetables & prod.	111	11	34	66	---	---	---	---
Subtotal processed grain and animal feed	37	0	29	8	---	---	---	---
6746 wheat flour	5	0	3	2	---	---	---	---
6747 grain mill products	19	0	13	6	---	---	---	---
6781 hay & fodder	0	---	0	0	---	---	---	---
6782 animal feed, prep.	13	0	13	0	---	---	---	---
Subtotal other agricultural products	1,222	19	518	20	24	641	13	628
6811 meat, fresh, frozen	50	0	46	4	---	---	---	---
6817 meat, prepared	6	---	3	3	---	---	---	---
6822 dairy products	9	1	8	0	---	---	---	---
6835 fish, prepared	6	0	3	3	0	---	---	---
6838 tallow, animal oils	0	---	0	0	---	---	---	---
6839 animals & prod. nec	12	0	12	---	---	---	---	---
6856 bananas & plantains	6	1	5	---	---	---	---	---
6857 fruit & nuts nec	20	8	11	0	0	---	---	---
6858 fruit juices	12	1	11	0	---	---	---	---
6861 sugar	631	0	2	0	---	628	---	628
6865 molasses	157	0	133	---	24	---	---	---
6871 coffee	0	0	0	0	---	---	---	---
6872 cocoa beans	0	---	0	---	---	---	---	---
6885 alcoholic beverages	36	3	19	0	---	13	13	---
6888 water & ice	2	0	2	0	---	---	---	---
6889 food products nec	261	4	253	5	0	0	0	---
6891 tobacco & products	1	0	0	0	---	---	---	---
6893 cotton	0	---	0	---	---	---	---	---
6894 natural fibers nec	0	---	0	---	---	---	---	---
6899 farm products nec	14	0	9	5	---	---	---	---
Total all manufactured equipment, machinery and products	293	110	174	9	0	0	0	---
7110 machinery (not elec)	20	3	16	0	0	0	0	---
7120 electrical machinery	30	3	27	0	0	0	0	---
7210 vehicles & parts	27	2	25	0	0	0	0	---
7220 aircraft & parts	0	0	0	---	---	---	---	---
7230 ships & boats	25	6	18	0	0	---	---	---
7300 ordnance & access.	0	---	0	---	---	---	---	---
7400 manufac. wood prod.	11	4	7	0	---	---	---	---
7500 textile products	16	1	15	0	0	---	---	---
7600 rubber & plastic pr.	24	1	16	6	---	0	0	---
7900 manufac. prod. nec	140	89	50	2	0	---	---	---
Total unknown or not elsewhere classified	85	4	77	3	0	0	0	---
9900 unknown or nec	85	4	77	3	0	0	0	---

PORT EVERGLADES HARBOR, FL

Section Included: Atlantic Ocean to terminals at Port Everglades, 1.7 miles; section of Intracoastal Waterway, Los Olas Boulevard Bridge, Fort Lauderdale, FL, to Washington Street, Hollywood, FL, 8.7 miles; Dania Cut-Off Canal, 6 miles; and "New River, FL" project, 7.9 miles. Controlling Depth: 45 feet in entrance channel; 42 feet through turning basin to main slip at Port Everglades; 10 feet in Intracoastal Waterway section; 8 feet in New River in 1956, and 6.5 in Dania Cut-Off Canal. Project Depth: 45 feet, Atlantic Ocean to south jetty converging to 42 feet at station 51, thence 42 to 31 feet to and including portions of turning basin at Port Everglades Terminal, and 8 feet in New River.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	24,216	2010	20,233	2013	21,703	2016	24,227
2008	21,652	2011	20,956	2014	22,442		
2009	20,059	2012	21,105	2015	23,058		

Freight Traffic, 2016 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Inbound	Outbound	Inbound	Outbound	Total	Coastwise	
							Receipts	Shipments
Total, all commodities	24,227	7,731	4,116	202	39	12,139	12,118	21
Total coal	68	68	0	---	---	---	---	---
1100 coal & lignite	68	68	0	---	---	---	---	---
1200 coal coke	0	0	0	---	---	---	---	---
Total petroleum and petroleum products	15,182	2,516	611	178	---	11,876	11,855	21
Subtotal crude petroleum	21	---	---	---	---	21	---	21
2100 crude petroleum	21	---	---	---	---	21	---	21
Subtotal petroleum products	15,161	2,516	611	178	---	11,855	11,855	---
2211 gasoline	7,447	65	244	---	---	7,139	7,139	---
2221 kerosene	4,309	1,955	94	121	---	2,139	2,139	---
2330 distillate fuel oil	2,985	435	119	57	---	2,374	2,374	---
2350 lube oil & greases	162	0	19	---	---	143	143	---

PORT EVERGLADES HARBOR, FL
Freight Traffic, 2016 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Inbound	Outbound	Inbound	Outbound	Total	Coastwise	
							Receipts	Shipments
2410 petro. jelly & waxes	0	0	0	—	—	—	—	—
2429 naphtha & solvents	66	1	65	—	—	—	—	—
2430 asphalt, tar & pitch	18	—	1	—	—	17	17	—
2540 petroleum coke	109	59	42	—	—	7	7	—
2640 hydrocarbon & petrol gases, liquefied and gaseous	65	0	28	—	—	37	37	—
2990 petro. products nec	0	0	—	—	—	—	—	—
Total chemicals and related products	566	89	347	0	—	129	129	—
Subtotal fertilizers	7	2	5	—	—	—	—	—
3110 nitrogenous fert.	1	0	1	—	—	—	—	—
3120 phosphatic fert.	0	0	0	—	—	—	—	—
3130 potassic fert.	0	0	0	—	—	—	—	—
3190 fert. & mixes nec	6	2	4	—	—	—	—	—
Subtotal other chemicals and related products	559	87	342	0	—	129	129	—
3211 acyclic hydrocarbons	2	0	2	—	—	—	—	—
3212 benzene & toluene	0	—	0	—	—	—	—	—
3219 other hydrocarbons	56	0	56	—	—	—	—	—
3220 alcohols	142	1	12	—	—	129	129	—
3230 carboxylic acids	19	9	10	—	—	—	—	—
3240 nitrogen func. comp.	5	0	5	—	—	—	—	—
3250 organo - inorg. comp.	6	2	3	—	—	—	—	—
3260 organic comp. nec	4	1	3	—	—	—	—	—
3272 sulphuric acid	2	0	2	—	—	—	—	—
3273 ammonia	1	—	1	—	—	—	—	—
3274 sodium hydroxide	49	0	49	—	—	—	—	—
3275 inorg. elem., oxides, & halogen salts	22	5	17	—	—	—	—	—
3276 metallic salts	14	2	11	0	—	—	—	—
3279 inorganic chem. nec	1	0	1	—	—	—	—	—
3281 radioactive material	3	1	2	—	—	—	—	—
3282 pigments & paints	31	4	27	—	—	—	—	—
3283 coloring mat. nec	2	0	1	—	—	—	—	—
3284 medicines	8	2	6	—	—	—	—	—
3285 perfumes & cleansers	61	18	44	—	—	—	—	—
3286 plastics	61	31	30	—	—	—	—	—
3291 pesticides	6	1	5	—	—	—	—	—
3292 starches, gluten, glue	11	2	9	—	—	—	—	—
3293 explosives	0	0	0	—	—	—	—	—
3297 chemical additives	6	0	6	—	—	—	—	—
3298 wood & resin chem.	0	0	0	—	—	—	—	—
3299 chem. products nec	48	7	41	—	—	—	—	—
Total crude materials, inedible except fuels	1,040	826	162	15	37	0	0	—
Subtotal forest products, wood and chips	187	114	58	15	0	—	—	—
4110 rubber & gums	0	0	0	—	—	—	—	—
4150 fuel wood	4	2	2	—	—	—	—	—
4161 wood chips	0	—	0	—	—	—	—	—
4170 wood in the rough	3	0	2	—	—	—	—	—
4189 lumber	177	109	53	15	0	—	—	—
4190 forest products nec	3	2	1	—	—	—	—	—
Subtotal pulp and waste paper	51	23	28	—	—	—	—	—
4225 pulp & waste paper	51	23	28	—	—	—	—	—
Subtotal soil, sand, gravel, rock and stone	339	327	12	—	—	—	—	—
4310 building stone	253	249	4	—	—	—	—	—
4322 limestone	4	4	0	—	—	—	—	—
4323 gypsum	56	55	2	—	—	—	—	—
4331 sand & gravel	25	19	7	—	—	—	—	—
Subtotal iron ore and scrap	23	3	20	—	—	—	—	—
4420 iron & steel scrap	23	3	20	—	—	—	—	—
Subtotal marine shells	0	0	0	—	—	—	—	—
4515 marine shells	0	0	0	—	—	—	—	—
Subtotal non-ferrous ores and scrap	247	173	37	—	37	0	0	—
4630 copper ore	0	—	0	—	—	—	—	—
4650 aluminum ore	178	106	35	—	37	—	—	—
4680 non-ferrous scrap	69	67	2	—	—	0	0	—
4690 non-ferrous ores nec	0	—	0	—	—	—	—	—
Subtotal sulphur, clay and salt	7	5	1	—	—	—	—	—
4741 sulphur, (dry)	0	—	0	—	—	—	—	—
4782 clay & refrac. mat.	3	2	1	—	—	—	—	—
4783 salt	3	3	1	—	—	—	—	—
Subtotal slag	175	175	0	—	—	—	—	—
4860 slag	175	175	0	—	—	—	—	—
Subtotal other non-metal. min.	11	6	5	—	0	—	—	—
4900 non-metal. min. nec	11	6	5	—	0	—	—	—
Total primary manufactured goods	2,224	1,645	452	0	—	127	127	—
Subtotal paper products	242	113	129	0	—	—	—	—
5110 newsprint	2	1	1	—	—	—	—	—
5120 paper & paperboard	189	87	102	0	—	—	—	—
5190 paper products nec	51	24	26	—	—	—	—	—
Subtotal lime, cement and glass	1,210	975	107	—	—	127	127	—
5210 lime	1	0	0	—	—	—	—	—
5220 cement & concrete	724	531	75	—	—	118	118	—
5240 glass & glass prod.	50	44	5	—	—	—	—	—
5290 misc. mineral prod.	435	400	26	—	—	9	9	—

PORT EVERGLADES HARBOR, FL
Freight Traffic, 2016 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Inbound	Outbound	Inbound	Outbound	Total	Coastwise	
							Receipts	Shipments
Subtotal primary iron and steel products	327	307	21	---	---	---	---	---
5312 pig iron	0	0	0	---	---	---	---	---
5315 ferro alloys	0	0	0	---	---	---	---	---
5320 i&s primary forms	7	2	5	---	---	---	---	---
5330 i&s plates & sheets	14	13	1	---	---	---	---	---
5360 i&s bars & shapes	289	282	8	---	---	---	---	---
5370 i&s pipe & tube	13	6	7	---	---	---	---	---
5390 primary i&s nec	4	4	1	---	---	---	---	---
Subtotal primary non-ferrous metal products	295	111	184	---	---	---	---	---
5421 copper	5	4	1	---	---	---	---	---
5422 aluminum	20	18	2	---	---	---	---	---
5429 smelted prod. nec	3	2	1	---	---	---	---	---
5480 fab. metal products	267	87	180	---	---	---	---	---
Subtotal primary wood products	150	139	11	---	---	---	---	---
5540 primarv wood prod.	150	139	11	---	---	---	---	---
Total food and farm products	2,316	1,547	764	0	0	5	5	---
Subtotal fish	62	55	7	---	---	---	---	---
6134 fish (not shellfish)	35	31	4	---	---	---	---	---
6136 shellfish	27	24	3	---	---	---	---	---
Subtotal grain	82	19	63	---	0	---	---	---
6241 wheat	1	1	0	---	---	---	---	---
6344 corn	7	6	1	---	---	---	---	---
6442 rice	16	12	4	---	0	---	---	---
6445 oats	0	0	0	---	---	---	---	---
6447 sorghum grains	58	---	58	---	---	---	---	---
Subtotal oilseeds	4	2	2	---	---	---	---	---
6521 peanuts	1	0	1	---	---	---	---	---
6522 soybeans	2	2	0	---	---	---	---	---
6534 flaxseed	0	0	0	---	---	---	---	---
6590 oilseeds nec	1	1	0	---	---	---	---	---
Subtotal vegetable products	242	202	40	---	---	---	---	---
6653 vegetable oils	28	16	12	---	---	---	---	---
6654 vegetables & prod.	214	186	27	---	---	---	---	---
Subtotal processed grain and animal feed	56	30	26	0	---	---	---	---
6746 wheat flour	6	3	3	---	---	---	---	---
6747 grain mill products	41	27	15	---	---	---	---	---
6781 hay & fodder	0	0	0	---	---	---	---	---
6782 animal feed, prep.	9	1	8	0	---	---	---	---
Subtotal other agricultural products	1,870	1,238	626	---	0	5	5	---
6811 meat, fresh, frozen	109	15	94	---	---	---	---	---
6817 meat, prepared	4	1	3	---	---	---	---	---
6822 dairy products	11	6	5	---	---	---	---	---
6835 fish, prepared	3	2	1	---	0	---	---	---
6838 tallow, animal oils	10	1	9	---	---	---	---	---
6839 animals & prod. nec	10	0	9	---	---	---	---	---
6856 bananas & plantains	342	339	3	---	---	---	---	---
6857 fruit & nuts nec	496	481	15	---	0	---	---	---
6858 fruit juices	112	94	18	---	---	---	---	---
6861 sugar	3	1	2	---	---	---	---	---
6865 molasses	0	---	0	---	---	---	---	---
6871 coffee	8	7	1	---	---	---	---	---
6872 cocoa beans	0	0	0	---	---	---	---	---
6885 alcoholic beverages	183	155	22	---	0	5	5	---
6888 water & ice	52	42	11	---	---	---	---	---
6889 food products nec	471	52	419	---	---	0	0	---
6891 tobacco & products	17	13	5	---	---	---	---	---
6893 cotton	11	7	4	---	---	---	---	---
6894 natural fibers nec	15	15	0	---	---	---	---	---
6899 farm products nec	12	6	6	---	---	---	---	---
Total all manufactured equipment, machinery and products	2,131	926	1,196	9	1	0	0	---
7110 machinery (not elec)	197	34	162	0	---	---	---	---
7120 electrical machinery	208	44	163	0	0	0	0	---
7210 vehicles & parts	256	19	237	---	0	---	---	---
7220 aircraft & parts	4	0	3	---	---	---	---	---
7230 ships & boats	56	39	15	1	0	---	---	---
7300 ordnance & access.	1	0	1	---	---	---	---	---
7400 manufac. wood prod.	33	21	12	---	---	0	0	---
7500 textile products	612	276	329	7	---	---	---	---
7600 rubber & plastic pr.	127	70	57	0	---	---	---	---
7900 manufac. prod. nec	639	422	216	1	0	---	---	---
Total unknown or not elsewhere classified	700	114	585	0	0	1	1	---
9900 unknown or nec	700	114	585	0	0	1	1	---

MIAMI HARBOR, FL

Section Included: An outer bar cut 44 feet deep from ocean to the beach line; a government cut 42 feet depth from beach line to Fisher Island Basin; a Main Shipping Channel 36 feet depth; a channel 15 deep in Miami River. Maintained Depth: 43 feet in middle half of outer bar cut; 42 feet from beach line to Fisher Island turning basin; 33 feet at Main Shipping Channel. Tidal range to 3 feet mean higher high water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	7,479	2010	6,960	2013	7,125	2016	8,027
2008	6,826	2011	7,178	2014	7,142		
2009	6,772	2012	6,994	2015	7,810		

Freight Traffic, 2016 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic
		Inbound	Outbound	Inbound	Coastwise Receipts
Total, all commodities	8,027	4,512	3,429	6	79
Total coal	2	2	0	---	---
1100 coal & lignite	2	2	0	---	---
1200 coal coke	0	0	---	---	---
Total petroleum and petroleum products	487	371	32	6	79
Subtotal petroleum products	487	371	32	6	79
2211 gasoline	8	1	0	---	6
2221 kerosene	0	---	0	---	---
2330 distillate fuel oil	409	356	3	6	44
2340 residual fuel oil	40	11	0	---	29
2350 lube oil & greases	13	0	12	---	---
2410 petro. jelly & waxes	0	0	0	---	---
2429 naphtha & solvents	12	1	11	---	---
2430 asphalt, tar & pitch	0	---	0	---	---
2540 petroleum coke	1	1	1	---	---
2640 hydrocarbon & petrol gases. liquefied and aeseous	4	1	3	---	---
Total chemicals and related products	344	149	195	---	---
Subtotal fertilizers	6	4	2	---	---
3110 nitrogenous fert.	0	0	0	---	---
3120 phosphatic fert.	0	---	0	---	---
3130 potassic fert.	0	0	0	---	---
3190 fert. & mixes nec	6	3	2	---	---
Subtotal other chemicals and related products	337	145	192	---	---
3211 acyclic hydrocarbons	1	0	1	---	---
3212 benzene & toluene	0	---	0	---	---
3219 other hydrocarbons	4	2	2	---	---
3220 alcohols	6	2	4	---	---
3230 carboxylic acids	10	8	3	---	---
3240 nitrogen func. comp.	5	3	2	---	---
3250 organo - inorg. comp.	4	4	1	---	---
3260 organic comp. nec	4	1	3	---	---
3272 sulphuric acid	1	0	1	---	---
3273 ammonia	0	0	0	---	---
3274 sodium hydroxide	2	0	2	---	---
3275 inorg. elem., oxides, & halogen salts	23	8	16	---	---
3276 metallic salts	13	10	4	---	---
3279 inorganic chem. nec	1	1	1	---	---
3281 radioactive material	2	0	2	---	---
3282 pigments & paints	20	5	15	---	---
3283 coloring mat. nec	5	1	5	---	---
3284 medicines	12	6	6	---	---
3285 perfumes & cleansers	73	33	40	---	---
3286 plastics	94	47	47	---	---
3291 pesticides	3	2	1	---	---
3292 starches, gluten, glue	11	1	10	---	---
3293 explosives	1	1	0	---	---
3297 chemical additives	5	1	4	---	---
3298 wood & resin chem.	0	0	0	---	---
3299 chem. products nec	35	11	24	---	---
Total crude materials, inedible except fuels	933	148	785	---	---
Subtotal forest products, wood and chips	84	65	19	---	---
4110 rubber & gums	0	0	0	---	---
4150 fuel wood	3	2	1	---	---
4161 wood chips	0	0	0	---	---
4170 wood in the rough	1	1	0	---	---
4189 lumber	71	57	14	---	---
4190 forest products nec	9	5	3	---	---
Subtotal pulp and waste paper	628	4	624	---	---
4225 pulp & waste paper	628	4	624	---	---
Subtotal soil, sand, gravel, rock and stone	71	66	5	---	---
4310 building stone	55	55	1	---	---
4322 limestone	2	2	0	---	---
4323 gypsum	1	0	0	---	---
4331 sand & gravel	14	9	4	---	---
Subtotal iron ore and scrap	105	2	103	---	---
4410 iron ore	0	0	0	---	---
4420 iron & steel scrap	104	2	103	---	---
Subtotal marine shells	0	0	---	---	---
4515 marine shells	0	0	---	---	---
Subtotal non-ferrous ores and scrap	34	8	26	---	---
4630 copper ore	0	0	0	---	---
4650 aluminum ore	0	0	0	---	---
4680 non-ferrous scrap	34	8	26	---	---
4690 non-ferrous ores nec	0	0	0	---	---

MIAMI HARBOR, FL
Freight Traffic, 2016 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic
		Inbound	Outbound	Inbound	Coastwise Receipts
Subtotal sulphur, clay and salt	8	1	6	---	---
4741 sulphur, (dry)	0	---	0	---	---
4782 clay & refrac. mat.	6	0	6	---	---
4783 salt	1	1	0	---	---
Subtotal other non-metal. min.	4	3	1	---	---
4900 non-metal. min. nec	4	3	1	---	---
Total primary manufactured goods	1,329	913	415	---	---
Subtotal paper products	166	93	73	---	---
5110 newsprint	2	0	2	---	---
5120 paper & paperboard	82	36	46	---	---
5190 paper products nec	82	57	26	---	---
Subtotal lime, cement and glass	544	512	32	---	---
5210 lime	0	0	0	---	---
5220 cement & concrete	15	12	3	---	---
5240 glass & glass prod.	70	63	7	---	---
5290 misc. mineral prod.	458	436	22	---	---
Subtotal primary iron and steel products	43	27	16	---	---
5312 pig iron	0	0	0	---	---
5315 ferro alloys	0	0	0	---	---
5320 i&s primary forms	10	6	4	---	---
5330 i&s plates & sheets	5	4	1	---	---
5360 i&s bars & shapes	7	2	5	---	---
5370 i&s pipe & tube	16	10	6	---	---
5390 primary i&s nec	5	4	1	---	---
Subtotal primary non-ferrous metal products	498	209	289	---	---
5421 copper	4	3	2	---	---
5422 aluminum	23	20	3	---	---
5429 smelted prod. nec	169	2	167	---	---
5480 fab. metal products	301	184	117	---	---
Subtotal primary wood products	77	73	5	---	---
5540 primary wood prod.	77	73	5	---	---
Total food and farm products	1,739	1,191	547	---	0
Subtotal fish	122	113	9	---	---
6134 fish (not shellfish)	60	57	3	---	---
6136 shellfish	63	56	6	---	---
Subtotal grain	44	25	20	---	---
6241 wheat	7	0	7	---	---
6344 corn	11	1	10	---	---
6442 rice	26	23	3	---	---
6445 oats	0	0	0	---	---
6447 sorghum grains	0	0	---	---	---
Subtotal oilseeds	7	5	1	---	---
6521 peanuts	0	0	0	---	---
6522 soybeans	1	1	0	---	---
6534 flaxseed	0	---	0	---	---
6590 oilseeds nec	5	4	1	---	---
Subtotal vegetable products	220	180	40	---	---
6653 vegetable oils	15	6	9	---	---
6654 vegetables & prod.	205	174	31	---	---
Subtotal processed grain and animal feed	48	20	28	---	---
6746 wheat flour	1	1	1	---	---
6747 grain mill products	32	18	14	---	---
6781 hay & fodder	4	0	4	---	---
6782 animal feed, prep.	11	1	9	---	---
Subtotal other agricultural products	1,297	848	449	---	0
6811 meat, fresh, frozen	67	27	40	---	---
6817 meat, prepared	3	0	3	---	---
6822 dairy products	19	10	9	---	---
6835 fish, prepared	12	11	1	---	---
6838 tallow, animal oils	1	1	0	---	---
6839 animals & prod. nec	13	5	9	---	---
6856 bananas & plantains	51	50	1	---	---
6857 fruit & nuts nec	149	139	10	---	---
6858 fruit juices	195	145	51	---	---
6861 sugar	11	8	3	---	---
6865 molasses	0	---	0	---	---
6871 coffee	14	11	4	---	---
6872 cocoa beans	1	0	1	---	---
6885 alcoholic beverages	276	251	25	---	0
6888 water & ice	74	66	8	---	---
6889 food products nec	315	62	253	---	---
6891 tobacco & products	50	40	10	---	---
6893 cotton	28	10	18	---	---
6894 natural fibers nec	4	3	0	---	---
6899 farm products nec	11	8	3	---	---
Total all manufactured equipment, machinery and products	2,629	1,562	1,067	---	---
7110 machinery (not elec)	227	114	113	---	---
7120 electrical machinery	312	175	137	---	---
7210 vehicles & parts	275	73	202	---	---
7220 aircraft & parts	2	0	1	---	---
7230 ships & boats	17	6	11	---	---
7300 ordnance & access.	1	0	1	---	---
7400 manufac. wood prod.	41	29	12	---	---
7500 textile products	475	238	237	---	---
7600 rubber & plastic pr.	281	196	85	---	---
7900 manufac. prod. nec	997	730	267	---	---

MIAMI HARBOR, FL
Freight Traffic, 2016 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic
		Inbound	Outbound	Inbound	Coastwise Receipts
Total unknown or not elsewhere classified	565	177	388	---	0
9900 unknown or nec	565	177	388	---	0

MIAMI RIVER, FL (INCLUDED IN TRAFFIC OF MIAMI HARBOR, FL)

Section Included: Mouth to N. W. 36th Street Bridge, 5.5 miles. Controlling Depth: 14 feet at mean low water from mouth to Miami Canal, and thence to 9 feet to N. W. 36th Street Bridge, 1.5 miles. Project Depth: 15 feet under flood conditions from mouth to a point 5.5 miles upstream.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	463	2010	390	2013	369	2016	380
2008	317	2011	417	2014	311		
2009	335	2012	392	2015	354		

Freight Traffic, 2016 (thousand short tons)

Commodity	Grand Total	Foreign	
		Inbound	Outbound
Total, all commodities	380	93	287
Total coal	0	0	0
1100 coal & lignite	0	0	0
Total petroleum and petroleum products	3	0	3
Subtotal petroleum products	3	0	3
2211 gasoline	0	0	0
2221 kerosene	0	---	0
2330 distillate fuel oil	0	---	0
2350 lube oil & greases	1	---	1
2410 petro. jelly & waxes	0	---	0
2429 naphtha & solvents	1	0	1
2430 asphalt, tar & pitch	0	---	0
2540 petroleum coke	0	---	0
2640 hydrocarbon & petrol gases, liquefied and gaseous	0	---	0
Total chemicals and related products	15	1	14
Subtotal fertilizers	0	---	0
3120 phosphatic fert.	0	---	0
3190 fert. & mixes nec	0	---	0
Subtotal other chemicals and related products	14	1	13
3211 acyclic hydrocarbons	0	---	0
3219 other hydrocarbons	0	---	0
3220 alcohols	0	---	0
3230 carboxylic acids	0	0	0
3240 nitrogen func. comp.	0	---	0
3250 organo - inorg. comp.	0	---	0
3260 organic comp. nec	0	0	0
3272 sulphuric acid	0	---	0
3273 ammonia	0	0	0
3274 sodium hydroxide	0	---	0
3275 inorg. elem., oxides, & halogen salts	0	0	0
3276 metallic salts	0	0	0
3279 inorganic chem. nec	0	---	0
3281 radioactive material	0	---	0
3282 pigments & paints	3	0	3
3283 coloring mat. nec	0	0	0
3284 medicines	2	0	1
3285 perfumes & cleansers	2	0	2
3286 plastics	2	1	2
3291 pesticides	0	0	0
3292 starches, gluten, glue	1	0	1
3293 explosives	0	---	0
3297 chemical additives	0	---	0
3298 wood & resin chem.	0	---	0
3299 chem. products nec	2	---	2
Total crude materials, inedible except fuels	7	2	4
Subtotal forest products, wood and chips	2	0	2
4110 rubber & gums	0	---	0
4150 fuel wood	0	---	0
4161 wood chips	0	---	0
4170 wood in the rough	0	---	0
4189 lumber	1	---	1
4190 forest products nec	0	0	0
Subtotal pulp and waste paper	0	0	0
4225 pulp & waste paper	0	0	0
Subtotal soil, sand, gravel, rock and stone	3	2	1
4310 building stone	0	0	0
4322 limestone	1	1	0
4323 gypsum	0	---	0
4331 sand & gravel	2	1	1
Subtotal iron ore and scrap	0	0	---
4420 iron & steel scrap	0	---	---
Subtotal marine shells	0	0	---
4515 marine shells	0	---	---
Subtotal non-ferrous ores and scrap	0	0	0
4650 aluminum ore	0	---	0

MIAMI RIVER, FL (INCLUDED IN TRAFFIC OF MIAMI HARBOR, FL)
 Freight Traffic, 2016 - continued
 (thousand short tons)

Commodity	Grand Total	Foreign	
		Inbound	Outbound
4680 non-ferrous scrap	0	0	—
Subtotal sulphur, clay and salt	1	0	1
4741 sulphur, (dry)	0	—	0
4782 clay & refrac. mat.	1	0	1
Subtotal other non-metal. min.	0	—	0
4900 non-metal. min. nec	0	—	0
Total primary manufactured goods	45	2	43
Subtotal paper products	12	0	12
5110 newsprint	0	—	0
5120 paper & paperboard	9	—	9
5190 paper products nec	3	0	3
Subtotal lime, cement and glass	7	0	7
5220 cement & concrete	2	—	2
5240 glass & glass prod.	1	0	1
5290 misc. mineral prod.	4	0	4
Subtotal primary iron and steel products	7	1	6
5320 i&s primary forms	2	—	2
5330 i&s plates & sheets	0	—	0
5360 i&s bars & shapes	3	0	3
5370 i&s pipe & tube	2	1	1
5390 primary i&s nec	0	0	0
Subtotal primary non-ferrous metal products	18	0	17
5421 copper	0	—	0
5422 aluminum	0	0	0
5429 smelted prod. nec	0	—	0
5480 fab. metal products	17	0	16
Subtotal primary wood products	2	—	2
5540 primary wood prod.	2	—	2
Total food and farm products	68	13	56
Subtotal fish	0	0	0
6134 fish (not shellfish)	0	—	0
6136 shellfish	0	0	0
Subtotal grain	14	1	14
6241 wheat	6	—	6
6344 corn	6	—	6
6442 rice	2	1	1
6447 sorghum grains	0	0	—
Subtotal oilseeds	0	—	0
6521 peanuts	0	—	0
6590 oilseeds nec	0	—	0
Subtotal vegetable products	11	3	8
6653 vegetable oils	1	0	1
6654 vegetables & prod.	9	2	7
Subtotal processed grain and animal feed	5	0	5
6746 wheat flour	0	—	0
6747 grain mill products	5	0	5
6782 animal feed, prep.	0	0	0
Subtotal other agricultural products	38	9	29
6811 meat, fresh, frozen	1	0	1
6817 meat, prepared	0	—	0
6822 dairy products	0	0	0
6835 fish, prepared	0	—	0
6838 tallow, animal oils	0	—	0
6839 animals & prod. nec	0	0	0
6856 bananas & plantains	0	—	0
6857 fruit & nuts nec	1	0	1
6858 fruit juices	3	2	1
6861 sugar	2	—	2
6871 coffee	0	0	0
6872 cocoa beans	0	0	0
6885 alcoholic beverages	4	3	1
6888 water & ice	0	—	0
6889 food products nec	16	1	16
6891 tobacco & products	8	3	6
6893 cotton	0	—	0
6894 natural fibers nec	0	—	0
6899 farm products nec	1	0	1
Total all manufactured equipment, machinery and products	169	66	102
7110 machinery (not elec)	8	0	8
7120 electrical machinery	17	2	14
7210 vehicles & parts	25	0	24
7220 aircraft & parts	0	0	0
7230 ships & boats	0	0	0
7300 ordnance & access.	0	—	0
7400 manufac. wood prod.	2	0	2
7500 textile products	40	14	26
7600 rubber & plastic pr.	7	2	5
7900 manufac. prod. nec	70	48	22
Total unknown or not elsewhere classified	73	9	64
9900 unknown or nec	73	9	64
Ton-miles (x1000)	1,901	466	1,435

Tons All Traffic (x1000) 380
 Ton-miles All Traffic (x1000) 1,901

Other Harbors and Waterways 2016

Harbor or Waterway Project	Commodity	Thousand Short Tons
ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA, AND THE ST. JOHNS RIVER, FL (JACKSONVILLE DISTRICT)	2221 kerosene	46
	2330 distillate fuel oil	2
	2340 residual fuel oil	19
	3219 other hydrocarbons	13
	3274 sodium hydroxide	97
	7110 machinery (not elec)	1
	7210 vehicles & parts	0
	7230 ships & boats	0
	7900 manufac. prod. nec	0
	9900 unknown or nec	0
	Total Tons(x1000)	178
Total Ton-miles(x1000)	4,372	
Total Trip-ton-miles Internal and Intraport (x1000)	13,602	
BAKERS HAULOVER INLET, FL EAU GALLIE HARBOR, FL FORT PIERCE HARBOR, FL	No Commerce Reported	
	No Commerce Reported	
	4515 marine shells	0
	5370 i&s pipe & tube	0
	7110 machinery (not elec)	0
	9900 unknown or nec	2
Total Tons(x1000)	2	
INTRACOASTAL WATERWAY, JACKSONVILLE TO MIAMI, FL	2330 distillate fuel oil	2
	4331 sand & gravel	1
	4515 marine shells	3
	7110 machinery (not elec)	1
	Total Tons(x1000)	7
Total Ton-miles(x1000)	698	
Total Trip-ton-miles Internal and Intraport (x1000)	16	
INTRACOASTAL WATERWAY, MIAMI TO KEY WEST, FL KEY WEST HARBOR, FL	No Commerce Reported	
	2330 distillate fuel oil	0
	6888 water & ice	0
	Total Tons(x1000)	0
MELBOURNE HARBOR, FL NEW RIVER, FL (INCLUDED IN TRAFFIC OF PORT EVERGLADES HARBOR, FL) OKLAWAHA RIVER, FL PONCE DE LEON INLET, FL	No Commerce Reported	
	No Commerce Reported	
	No Commerce Reported	
	4515 marine shells	3
	Total Tons(x1000)	3
Total Ton-miles(x1000)	3	
Total Trip-ton-miles Internal and Intraport (x1000)	16	
RICE CREEK, FL ST. AUGUSTINE HARBOR, FL ST. JOHNS RIVER, FL JACKSONVILLE TO LAKE HARNEY	No Commerce Reported	
	No Commerce Reported	
	3274 sodium hydroxide	3
	5480 fab. metal products	0
	Total Tons(x1000)	3
Total Ton-miles(x1000)	393	
Total Trip-ton-miles Internal and Intraport (x1000)	2	
ST. LUCIE INLET, FL	7110 machinery (not elec)	1
	Total Tons(x1000)	1
	Total Ton-miles(x1000)	1

ATLANTIC INTRACOASTAL WATERWAY (CONSOLIDATED REPORT) BETWEEN NORFOLK, VA AND THE ST. JOHNS RIVER, FL

Section Included: Norfolk, VA, to the St Johns River, FL, 739 miles. For controlling and project depths see tables of individual stretches listed separately.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2007	2,543	2010	2,933	2013	2,943	2016	2,342
2008	2,934	2011	2,875	2014	2,416		
2009	2,471	2012	2,688	2015	2,620		

Freight Traffic, 2016 (thousand short tons)

Commodity	Grand Total	Domestic					
		Coastwise		Internal			
		Through		Inbound		Through	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	2,342	6	87	106	360	443	1,340
Total petroleum and petroleum products	425	5	30	40	321	21	8
Subtotal petroleum products	425	5	30	40	321	21	8
2211 gasoline	8	—	—	—	—	—	8
2221 kerosene	367	—	8	38	321	1	—
2330 distillate fuel oil	2	—	2	—	—	—	—
2340 residual fuel oil	34	—	12	2	—	20	—
2430 asphalt, tar & pitch	14	5	9	—	—	—	—
Total chemicals and related products	902	—	45	66	—	92	700
Subtotal fertilizers	114	—	—	—	—	2	113
3110 nitrogenous fert.	2	—	—	—	—	2	—
3120 phosphatic fert.	113	—	—	—	—	—	113
Subtotal other chemicals and related products	788	—	45	66	—	90	588
3219 other hydrocarbons	13	—	13	—	—	—	—
3271 sulphur (liquid)	90	—	—	—	—	90	—
3274 sodium hydroxide	97	—	32	66	—	—	—
3275 inorg. elem., oxides, & halogen salts	588	—	—	—	—	—	588
Total crude materials, inedible except fuels	668	—	11	—	39	24	594
Subtotal forest products, wood and chips	0	—	—	—	—	—	0
4189 lumber	0	—	—	—	—	—	0
Subtotal soil, sand, gravel, rock and stone	192	—	—	—	39	—	153
4331 sand & gravel	192	—	—	—	39	—	153
Subtotal iron ore and scrap	476	—	11	—	—	24	441
4420 iron & steel scrap	476	—	11	—	—	24	441
Total primary manufactured goods	332	—	—	0	—	294	38
Subtotal lime, cement and glass	0	—	—	—	—	—	0
5290 misc. mineral prod.	0	—	—	—	—	—	0
Subtotal primary iron and steel products	321	—	—	—	—	283	38
5312 pig iron	276	—	—	—	—	273	3
5390 primary i&s nec	45	—	—	—	—	10	35
Subtotal primary non-ferrous metal products	11	—	—	0	—	11	0
5480 fab. metal products	11	—	—	0	—	11	0
Total food and farm products	6	—	—	—	—	6	—
Subtotal oilseeds	6	—	—	—	—	6	—
6522 soybeans	6	—	—	—	—	6	—
Total all manufactured equipment, machinery and products	8	0	1	—	0	6	1
7110 machinery (not elec)	2	—	1	—	0	0	1
7210 vehicles & parts	0	0	0	—	—	—	—
7230 ships & boats	0	—	—	—	—	—	0
7400 manufac. wood prod.	0	—	—	—	—	—	0
7900 manufac. prod. nec	7	0	0	—	—	6	—
Ton-miles (x1000)	159,488	3,874	9,307	8,918	4,693	51,491	81,205
Tons All Traffic (x1000)	2,342						
Ton-miles All Traffic (x1000)	159,488						
Total Trip-ton-miles Internal and Intraport (x1000)	350,535						

Section 2

Trips and Drafts of Vessels

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

SEARSPORT HARBOR, ME

	Inbound						Outbound					
Grand Total	116	27	33	22	—	34	115	28	33	22	—	32

FOREIGN

Total	59	27	29	2	—	1	61	28	29	3	—	1
36	1	1	—	—	—	—	—	—	—	—	—	—
35	15	8	7	—	—	—	2	2	—	—	—	—
34	9	4	5	—	—	—	—	—	—	—	—	—
33	2	—	2	—	—	—	1	1	—	—	—	—
32	1	—	1	—	—	—	2	1	1	—	—	—
31	—	—	—	—	—	—	1	1	—	—	—	—
30	2	1	1	—	—	—	4	4	—	—	—	—
29	2	—	2	—	—	—	1	1	—	—	—	—
28	4	2	2	—	—	—	3	1	2	—	—	—
27	3	—	3	—	—	—	2	—	2	—	—	—
26	1	1	—	—	—	—	8	1	7	—	—	—
25	5	—	5	—	—	—	9	—	9	—	—	—
24	2	1	1	—	—	—	10	4	6	—	—	—
23	2	2	—	—	—	—	3	2	1	—	—	—
22	1	1	—	—	—	—	2	1	1	—	—	—
21	1	1	—	—	—	—	3	3	—	—	—	—
20	4	4	—	—	—	—	4	4	—	—	—	—
19	1	1	—	—	—	—	1	1	—	—	—	—
≤ 18	3	—	—	2	—	1	5	1	—	3	—	1

DOMESTIC

Total	57	—	4	20	—	33	54	—	4	19	—	31
30	1	—	1	—	—	—	—	—	4	—	—	—
25	4	—	—	—	—	4	1	—	—	—	—	1
24	1	—	—	—	—	1	1	—	—	—	—	1
23	2	—	—	—	—	2	1	—	—	—	—	1
22	1	—	—	—	—	1	1	—	—	—	—	1
21	1	—	—	—	—	1	1	—	—	—	—	1
20	—	—	—	—	—	—	1	—	—	—	—	1
19	10	—	—	—	—	10	—	—	—	—	—	—
≤ 18	37	—	3	20	—	14	48	—	4	19	—	25

Total trips: 231

PORTLAND HARBOR, ME

	Upbound						Downbound					
Grand Total	16,731	16,336	113	84	6	192	4,726	4,334	111	87	4	190

FOREIGN

Total	246	121	113	6	1	5	244	123	111	5	1	4
47	1	—	1	—	—	—	—	—	—	—	—	—
46	1	—	1	—	—	—	—	—	—	—	—	—
45	2	—	2	—	—	—	—	—	—	—	—	—
44	1	—	1	—	—	—	—	—	—	—	—	—
43	2	—	2	—	—	—	—	—	—	—	—	—
42	2	—	2	—	—	—	—	—	—	—	—	—
39	1	—	1	—	—	—	—	—	—	—	—	—
37	5	—	5	—	—	—	1	—	1	—	—	—
36	24	—	24	—	—	—	—	—	—	—	—	—
35	43	6	37	—	—	—	2	1	1	—	—	—
34	15	4	11	—	—	—	1	—	1	—	—	—
33	9	3	6	—	—	—	1	—	1	—	—	—
32	6	3	3	—	—	—	3	1	2	—	—	—
31	3	2	1	—	—	—	3	2	1	—	—	—
30	11	10	1	—	—	—	24	9	15	—	—	—
29	13	10	3	—	—	—	10	8	2	—	—	—
28	11	8	3	—	—	—	13	7	6	—	—	—
27	10	8	2	—	—	—	13	8	5	—	—	—
26	22	19	2	—	1	—	26	19	7	—	—	—
25	13	13	—	—	—	—	40	18	22	—	—	—
24	9	7	2	—	—	—	57	14	43	—	—	—
23	3	3	—	—	—	—	8	8	—	—	—	—
22	14	10	1	—	—	3	11	10	1	—	—	—
21	5	4	1	—	—	—	6	5	1	—	—	—
20	5	4	1	—	—	—	6	4	2	—	—	—
19	1	1	—	—	—	—	1	1	—	—	—	—
≤ 18	14	6	—	6	—	2	18	8	—	5	1	4

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

PORTLAND HARBOR, ME - continued

	Upbound						Downbound					
DOMESTIC												
Total	16,485	16,215	---	78	5	187	4,482	4,211	---	82	3	186
29	1	---	---	---	---	1	---	---	---	---	---	---
28	1	---	---	---	---	1	1	---	---	---	---	1
26	1	---	---	---	---	1	---	---	---	---	---	---
25	1	---	---	---	---	1	---	---	---	---	---	---
24	6	---	---	---	---	6	---	---	---	---	---	---
23	5	---	---	---	---	5	1	---	---	---	---	1
22	12	---	---	---	---	12	3	---	---	---	---	3
21	6	---	---	---	---	6	---	---	---	---	---	---
20	19	---	---	1	3	15	7	---	---	1	---	6
19	3	---	---	---	---	3	1	---	---	---	---	1
≤ 18	16,430	16,215	---	77	2	136	4,469	4,211	---	81	3	174
										Total trips:		21,457

PORTSMOUTH HARBOR, NH

	Upbound						Downbound					
Grand Total	152	37	60	14	---	41	155	38	61	15	---	41
FOREIGN												
Total	109	37	60	6	---	6	111	38	61	6	---	6
39	1	1	---	---	---	---	---	---	---	---	---	---
36	12	5	7	---	---	---	1	1	---	---	---	---
35	17	9	8	---	---	---	---	---	---	---	---	---
34	6	2	4	---	---	---	2	1	1	---	---	---
33	4	2	2	---	---	---	---	---	---	---	---	---
32	6	1	5	---	---	---	1	---	1	---	---	---
31	1	1	---	---	---	---	4	---	4	---	---	---
30	4	---	4	---	---	---	3	---	3	---	---	---
29	4	---	4	---	---	---	5	1	4	---	---	---
28	9	5	3	---	---	1	9	4	5	---	---	---
27	6	1	5	---	---	---	9	3	6	---	---	---
26	5	1	4	---	---	---	6	2	4	---	---	---
25	1	---	1	---	---	---	11	2	9	---	---	---
24	5	2	2	---	---	1	16	3	12	---	---	1
23	5	2	3	---	---	---	1	---	1	---	---	---
22	---	---	---	---	---	---	16	12	4	---	---	---
21	4	---	3	---	---	1	5	4	1	---	---	---
20	7	3	4	---	---	---	5	4	1	---	---	---
19	---	---	---	---	---	---	1	---	1	---	---	---
≤ 18	12	2	1	6	---	3	16	1	4	6	---	5
DOMESTIC												
Total	43	---	---	8	---	35	44	---	---	9	---	35
24	1	---	---	---	---	1	---	---	---	---	---	---
23	2	---	---	---	---	2	---	---	---	---	---	---
22	10	---	---	---	---	10	2	---	---	---	---	2
21	4	---	---	---	---	4	---	---	---	---	---	---
20	1	---	---	---	---	1	---	---	---	---	---	---
19	1	---	---	---	---	1	---	---	---	---	---	---
≤ 18	24	---	---	8	---	16	41	---	---	9	---	32
										Total trips:		307

PORT OF BOSTON, MA

	Inbound						Outbound					
Grand Total	2,674	1,538	242	298	40	556	2,664	1,534	241	297	32	560
FOREIGN												
Total	704	428	241	18	2	15	700	424	240	18	1	17
43	1	1	---	---	---	---	---	---	---	---	---	---
42	4	4	---	---	---	---	4	4	---	---	---	---
41	4	4	---	---	---	---	---	---	---	---	---	---
40	10	10	---	---	---	---	4	4	---	---	---	---
39	36	36	---	---	---	---	10	10	---	---	---	---
38	35	34	1	---	---	---	7	7	---	---	---	---

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

PORT OF BOSTON, MA - continued

Inbound

Outbound

FOREIGN

37	49	27	22	—	—	—	15	14	1	—	—	—
36	65	22	43	—	—	—	36	33	3	—	—	—
35	86	16	70	—	—	—	29	29	—	—	—	—
34	42	15	27	—	—	—	38	34	4	—	—	—
33	24	6	18	—	—	—	28	20	8	—	—	—
32	21	9	12	—	—	—	26	17	9	—	—	—
31	9	5	4	—	—	—	19	12	7	—	—	—
30	24	17	7	—	—	—	37	24	13	—	—	—
29	39	32	7	—	—	—	46	22	24	—	—	—
28	37	32	5	—	—	—	53	36	17	—	—	—
27	44	36	8	—	—	—	34	21	13	—	—	—
26	48	43	5	—	—	—	70	47	23	—	—	—
25	27	20	6	—	—	1	104	21	82	—	—	1
24	17	15	1	—	—	1	45	19	25	—	—	1
23	3	1	2	—	—	—	7	3	4	—	—	—
22	14	9	3	1	—	1	17	12	5	—	—	—
21	6	6	—	—	—	—	10	8	2	—	—	—
20	8	8	—	—	—	—	8	8	—	—	—	—
19	1	1	—	—	—	—	2	2	—	—	—	—
≤ 18	50	19	—	17	2	12	51	17	—	18	1	15

DOMESTIC

Total	1,970	1,110	1	280	38	541	1,964	1,110	1	279	31	543
36	1	—	1	—	—	—	—	—	—	—	—	—
29	5	—	—	—	—	5	1	—	—	—	—	1
27	1	—	—	—	—	1	—	—	—	—	—	—
26	4	—	—	—	—	4	—	—	—	—	—	—
25	9	—	—	—	1	8	—	—	—	—	—	—
24	15	—	—	—	—	15	—	—	—	—	—	—
23	26	—	—	—	—	26	1	—	—	—	—	1
22	51	—	—	—	—	51	2	—	—	—	—	2
21	15	—	—	—	—	15	2	—	—	—	—	2
20	60	—	—	11	—	49	20	—	—	10	1	9
19	44	—	—	6	1	37	11	—	—	4	—	7
≤ 18	1,739	1,110	—	263	36	330	1,927	1,110	1	265	30	521
										Total trips:		5,338

MAIN WATERFRONT (PORT OF BOSTON)

Upbound

Downbound

Grand Total	1,131	1,126	3	1	—	1	1,137	1,125	8	2	—	2
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FOREIGN

Total	21	16	3	1	—	1	27	15	8	2	—	2
28	1	—	1	—	—	—	—	—	—	—	—	—
27	2	—	2	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	1	—	1	—	—	—
25	—	—	—	—	—	—	6	—	6	—	—	—
24	—	—	—	—	—	—	1	—	1	—	—	—
19	1	1	—	—	—	—	1	1	—	—	—	—
≤ 18	17	15	—	1	—	1	18	14	—	2	—	2

DOMESTIC

Total	1,110	1,110	—	—	—	—	1,110	1,110	—	—	—	—
≤ 18	1,110	1,110	—	—	—	—	1,110	1,110	—	—	—	—
										Total trips:		2,268

RESERVED CHANNEL (INCLUDED IN PORT OF BOSTON)

Upbound

Downbound

Grand Total	276	271	—	1	3	1	272	270	—	—	1	1
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FOREIGN

Total	273	271	—	1	1	—	270	270	—	—	—	—
43	1	1	—	—	—	—	—	—	—	—	—	—
42	4	4	—	—	—	—	4	4	—	—	—	—

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

RESERVED CHANNEL (INCLUDED IN PORT OF BOSTON) - continued
Upbound

Downbound

FOREIGN

41	4	4	—	—	—	—	—	—	—	—	—	—
40	6	6	—	—	—	—	3	3	—	—	—	—
39	23	23	—	—	—	—	8	8	—	—	—	—
38	30	30	—	—	—	—	4	4	—	—	—	—
37	27	27	—	—	—	—	11	11	—	—	—	—
36	21	21	—	—	—	—	30	30	—	—	—	—
35	16	16	—	—	—	—	27	27	—	—	—	—
34	14	14	—	—	—	—	31	31	—	—	—	—
33	5	5	—	—	—	—	13	13	—	—	—	—
32	5	5	—	—	—	—	15	15	—	—	—	—
31	—	—	—	—	—	—	7	7	—	—	—	—
30	5	5	—	—	—	—	7	7	—	—	—	—
29	17	17	—	—	—	—	16	16	—	—	—	—
28	22	22	—	—	—	—	23	23	—	—	—	—
27	9	9	—	—	—	—	10	10	—	—	—	—
26	31	31	—	—	—	—	31	31	—	—	—	—
25	7	7	—	—	—	—	7	7	—	—	—	—
24	10	10	—	—	—	—	9	9	—	—	—	—
22	4	4	—	—	—	—	4	4	—	—	—	—
21	3	3	—	—	—	—	3	3	—	—	—	—
20	4	4	—	—	—	—	4	4	—	—	—	—
16	3	3	—	—	—	—	3	3	—	—	—	—
14	1	—	—	1	—	—	—	—	—	—	—	—
10	1	—	—	—	1	—	—	—	—	—	—	—

DOMESTIC

Total	3	—	—	—	2	1	2	—	—	—	1	1
13	2	—	—	—	2	—	—	—	—	—	—	—
9	—	—	—	—	—	—	1	—	—	—	1	—
4	1	—	—	—	—	1	—	—	—	—	—	—
2	—	—	—	—	—	—	1	—	—	—	—	1

Total trips: 548

CHELSEA RIVER, MA

Grand Total	Upbound						Downbound					
	805	20	137	215	1	432	794	20	128	214	1	431

FOREIGN

Total	162	20	136	3	1	2	152	20	127	3	1	1
40	4	4	—	—	—	—	1	1	—	—	—	—
39	10	10	—	—	—	—	2	2	—	—	—	—
38	3	3	—	—	—	—	—	—	—	—	—	—
37	4	—	4	—	—	—	—	—	—	—	—	—
36	22	1	21	—	—	—	3	2	1	—	—	—
35	49	—	49	—	—	—	—	—	—	—	—	—
34	21	—	21	—	—	—	3	2	1	—	—	—
33	12	1	11	—	—	—	2	2	—	—	—	—
32	5	1	4	—	—	—	2	—	2	—	—	—
31	3	—	3	—	—	—	2	—	2	—	—	—
30	4	—	4	—	—	—	6	5	1	—	—	—
29	5	—	5	—	—	—	8	1	7	—	—	—
28	4	—	4	—	—	—	5	1	4	—	—	—
27	4	—	4	—	—	—	4	—	4	—	—	—
26	2	—	2	—	—	—	13	—	13	—	—	—
25	4	—	4	—	—	—	73	1	72	—	—	—
24	—	—	—	—	—	—	18	—	18	—	—	—
23	—	—	—	—	—	—	2	—	2	—	—	—
22	—	—	—	—	—	—	2	2	—	—	—	—
20	—	—	—	—	—	—	1	1	—	—	—	—
≤ 18	6	—	—	3	1	2	5	—	—	3	1	1

DOMESTIC

Total	643	—	1	212	—	430	642	—	1	211	—	430
36	1	—	1	—	—	—	—	—	—	—	—	—
29	5	—	—	—	—	5	1	—	—	—	—	1
27	1	—	—	—	—	1	—	—	—	—	—	—
26	1	—	—	—	—	1	—	—	—	—	—	—
25	5	—	—	—	—	5	—	—	—	—	—	—
24	11	—	—	—	—	11	—	—	—	—	—	—

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

CHELSEA RIVER, MA - continued

	Upbound						Downbound					
DOMESTIC												
23	26	—	—	—	—	26	1	—	—	—	—	1
22	41	—	—	—	—	41	2	—	—	—	—	2
21	10	—	—	—	—	10	—	—	—	—	—	—
20	51	—	—	10	—	41	16	—	—	11	—	5
19	40	—	—	6	—	34	11	—	—	4	—	7
≤ 18	451	—	—	196	—	255	611	—	1	196	—	414
										Total trips:		1,599

MYSTIC RIVER, MA

	Upbound						Downbound					
Grand Total	363	118	65	65	35	80	334	117	62	54	30	71

FOREIGN

Total	205	118	65	11	—	11	200	117	62	10	—	11
39	3	3	—	—	—	—	—	—	—	—	—	—
38	2	1	1	—	—	—	3	3	—	—	—	—
37	18	—	18	—	—	—	4	3	—	—	—	—
36	15	—	15	—	—	—	3	1	2	—	—	—
35	15	—	15	—	—	—	2	2	—	—	—	—
34	3	1	2	—	—	—	3	1	2	—	—	—
33	4	—	4	—	—	—	13	5	8	—	—	—
32	11	3	8	—	—	—	9	2	7	—	—	—
31	6	5	1	—	—	—	10	5	5	—	—	—
30	13	12	1	—	—	—	20	12	8	—	—	—
29	15	15	—	—	—	—	18	5	13	—	—	—
28	10	10	—	—	—	—	20	12	8	—	—	—
27	27	27	—	—	—	—	13	11	2	—	—	—
26	12	12	—	—	—	—	20	16	4	—	—	—
25	14	13	—	—	—	1	14	13	—	—	—	1
24	6	5	—	—	—	1	13	10	2	—	—	1
23	1	1	—	—	—	—	3	3	—	—	—	—
22	5	5	—	—	—	—	6	6	—	—	—	—
21	3	3	—	—	—	—	5	5	—	—	—	—
20	2	2	—	—	—	—	1	1	—	—	—	—
19	—	—	—	—	—	—	1	1	—	—	—	—
≤ 18	20	—	—	11	—	9	19	—	—	10	—	9

DOMESTIC

Total	158	—	—	54	35	69	134	—	—	44	30	60
25	1	—	—	—	1	—	—	—	—	—	—	—
22	3	—	—	—	—	3	—	—	—	—	—	—
21	2	—	—	—	—	2	—	—	—	—	—	—
20	4	—	—	—	—	4	3	—	—	—	1	2
19	4	—	—	—	1	3	—	—	—	—	—	—
≤ 18	144	—	—	54	33	57	131	—	—	44	29	58
										Total trips:		697

WEYMOUTH FORE RIVER, MA

	Upbound						Downbound					
Grand Total	76	2	18	18	—	38	74	1	22	14	—	37

FOREIGN

Total	21	2	18	1	—	—	23	1	22	—	—	—
36	7	—	7	—	—	—	—	—	—	—	—	—
35	6	—	6	—	—	—	—	—	—	—	—	—
34	4	—	4	—	—	—	—	—	—	—	—	—
33	1	—	1	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	2	—	2	—	—	—
29	—	—	—	—	—	—	1	—	1	—	—	—
28	—	—	—	—	—	—	4	—	4	—	—	—
27	—	—	—	—	—	—	6	—	6	—	—	—
26	—	—	—	—	—	—	4	—	4	—	—	—
25	—	—	—	—	—	—	2	—	2	—	—	—
24	—	—	—	—	—	—	2	—	2	—	—	—
23	—	—	—	—	—	—	1	—	1	—	—	—

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
WEYMOUTH FORE RIVER, MA - continued												
	Upbound						Downbound					
FOREIGN												
20	1	1	—	—	—	—	1	1	—	—	—	—
≤ 18	2	1	—	1	—	—	—	—	—	—	—	—
DOMESTIC												
Total	55	—	—	17	—	38	51	—	—	14	—	37
26	3	—	—	—	—	3	—	—	—	—	—	—
25	3	—	—	—	—	3	—	—	—	—	—	—
24	4	—	—	—	—	4	—	—	—	—	—	—
22	3	—	—	—	—	3	—	—	—	—	—	—
20	3	—	—	—	—	3	3	—	—	—	—	3
≤ 18	39	—	—	17	—	22	48	—	—	14	—	34
										Total trips:		150
TOWN RIVER, MA												
	Upbound						Downbound					
Grand Total	56	—	19	4	1	32	56	—	21	4	—	31
FOREIGN												
Total	19	—	19	—	—	—	21	—	21	—	—	—
34	—	—	—	—	—	—	1	—	1	—	—	—
33	2	—	2	—	—	—	—	—	—	—	—	—
30	2	—	2	—	—	—	2	—	2	—	—	—
29	2	—	2	—	—	—	3	—	3	—	—	—
28	—	—	—	—	—	—	1	—	1	—	—	—
27	2	—	2	—	—	—	1	—	1	—	—	—
26	3	—	3	—	—	—	1	—	1	—	—	—
25	2	—	2	—	—	—	2	—	2	—	—	—
24	1	—	1	—	—	—	2	—	2	—	—	—
23	2	—	2	—	—	—	1	—	1	—	—	—
22	3	—	3	—	—	—	5	—	5	—	—	—
21	—	—	—	—	—	—	2	—	2	—	—	—
DOMESTIC												
Total	37	—	—	4	1	32	35	—	—	4	—	31
22	4	—	—	—	—	4	—	—	—	—	—	—
21	3	—	—	—	—	3	2	—	—	—	—	2
20	1	—	—	—	—	1	—	—	—	—	—	—
19	1	—	—	—	—	1	—	—	—	—	—	—
18	2	—	—	—	—	2	—	—	—	—	—	—
15	1	—	—	—	—	1	1	—	—	—	—	1
14	1	—	—	1	—	—	—	—	—	—	—	—
13	4	—	—	2	—	2	4	—	—	4	—	—
≤ 12	20	—	—	1	1	18	28	—	—	—	—	28
										Total trips:		112
CAPE COD CANAL, MA												
	Upbound						Downbound					
Grand Total	1,080	86	24	300	48	622	756	65	8	180	33	470
FOREIGN												
Total	141	86	19	5	4	27	129	65	3	4	—	57
30	2	—	2	—	—	—	—	—	—	—	—	—
28	8	7	—	—	1	—	—	—	—	—	—	—
27	5	5	—	—	—	—	1	—	1	—	—	—
26	6	5	1	—	—	—	2	1	1	—	—	—
25	10	4	—	—	—	6	7	—	1	—	—	6
24	5	1	3	—	—	1	25	1	—	—	—	24
23	10	1	9	—	—	—	—	—	—	—	—	—
22	1	1	—	—	—	—	1	1	—	—	—	—
21	—	—	—	—	—	—	2	2	—	—	—	—
20	1	1	—	—	—	—	1	1	—	—	—	—
19	1	1	—	—	—	—	—	—	—	—	—	—
≤ 18	92	60	4	5	3	20	90	59	—	4	—	27

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

CAPE COD CANAL, MA - continued

	Upbound						Downbound					
DOMESTIC												
Total	939	---	5	295	44	595	627	---	5	176	33	413
36	1	---	1	---	---	---	---	---	---	---	---	---
30	1	---	1	---	---	---	---	---	---	---	---	---
29	6	---	---	---	---	6	1	---	---	---	---	1
28	1	---	---	---	---	1	1	---	---	---	---	1
27	1	---	---	---	---	---	---	---	---	---	---	---
26	5	---	---	---	---	5	---	---	---	---	---	---
25	14	---	---	---	1	13	---	---	---	---	---	---
24	22	---	---	---	---	22	---	---	---	---	---	---
23	27	---	---	---	---	27	2	---	---	---	---	2
22	69	---	---	---	---	69	5	---	---	---	---	5
21	19	---	---	---	---	19	2	---	---	---	---	2
20	69	---	---	11	3	55	21	---	---	10	1	10
19	43	---	---	3	1	39	9	---	---	2	---	7
≤ 18	661	---	3	281	39	338	586	---	5	164	32	385
										Total trips:		1,836

FALL RIVER HARBOR, MA

	Inbound						Outbound					
Grand Total	68	29	---	7	6	26	55	26	---	4	3	22
FOREIGN												
Total	26	26	---	---	---	---	24	24	---	---	---	---
35	9	9	---	---	---	---	1	1	---	---	---	---
31	---	---	---	---	---	---	1	1	---	---	---	---
30	1	1	---	---	---	---	---	---	---	---	---	---
29	1	1	---	---	---	---	1	1	---	---	---	---
28	1	1	---	---	---	---	1	1	---	---	---	---
25	---	---	---	---	---	---	1	1	---	---	---	---
23	---	---	---	---	---	---	2	2	---	---	---	---
22	---	---	---	---	---	---	4	4	---	---	---	---
21	1	1	---	---	---	---	---	---	---	---	---	---
≤ 18	13	13	---	---	---	---	13	13	---	---	---	---
DOMESTIC												
Total	42	3	---	7	6	26	31	2	---	4	3	22
36	1	1	---	---	---	---	---	---	---	---	---	---
34	1	1	---	---	---	---	---	---	---	---	---	---
22	7	---	---	---	---	7	1	---	---	---	---	1
21	1	---	---	---	1	---	---	---	---	---	---	---
19	4	---	---	---	3	1	---	---	---	---	---	---
≤ 18	28	1	---	7	2	18	30	2	---	4	3	21
										Total trips:		123

PROVIDENCE RIVER AND HARBOR, RI

	Inbound						Outbound					
Grand Total	640	69	101	60	17	393	641	68	101	58	21	393
FOREIGN												
Total	174	66	101	4	---	3	174	67	101	3	---	3
39	6	5	1	---	---	---	---	---	---	---	---	---
38	5	2	3	---	---	---	3	3	---	---	---	---
37	8	---	8	---	---	---	2	2	---	---	---	---
36	10	1	9	---	---	---	4	3	1	---	---	---
35	27	5	22	---	---	---	5	5	---	---	---	---
34	14	2	12	---	---	---	4	3	1	---	---	---
33	4	2	2	---	---	---	6	3	3	---	---	---
32	11	6	5	---	---	---	4	2	2	---	---	---
31	9	6	3	---	---	---	6	6	---	---	---	---
30	14	5	9	---	---	---	7	4	3	---	---	---
29	10	3	7	---	---	---	27	1	26	---	---	---
28	6	1	5	---	---	---	15	2	13	---	---	---
27	6	2	4	---	---	---	8	1	7	---	---	---
26	8	2	6	---	---	---	10	2	8	---	---	---

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

PROVIDENCE RIVER AND HARBOR, RI - continued
Inbound

Outbound

FOREIGN

25	8	7	1	—	—	—	11	—	11	—	—	—
24	9	5	2	1	—	1	16	3	11	1	—	1
23	4	3	1	—	—	—	8	4	4	—	—	—
22	2	2	—	—	—	—	13	10	3	—	—	—
21	3	3	—	—	—	—	4	4	—	—	—	—
20	2	—	1	1	—	—	10	3	7	—	—	—
19	1	—	—	—	—	1	1	1	—	—	—	—
≤ 18	7	4	—	2	—	1	10	5	1	2	—	2

DOMESTIC

Total	466	3	—	56	17	390	467	1	—	55	21	390
29	2	—	—	—	—	2	—	—	—	—	—	—
28	1	—	—	—	—	1	—	—	—	—	—	—
27	2	—	—	—	—	2	—	—	—	—	—	—
26	8	—	—	—	1	7	1	—	—	—	—	1
25	1	—	—	—	—	1	—	—	—	—	—	—
24	6	—	—	—	—	6	—	—	—	—	—	—
23	11	—	—	—	2	9	1	—	—	—	—	1
22	60	—	—	—	—	60	4	—	—	—	1	3
21	35	—	—	—	—	35	2	—	—	—	—	2
20	107	—	—	4	1	102	12	—	—	4	—	8
19	31	—	—	—	—	31	4	—	—	—	—	4
≤ 18	202	3	—	52	13	134	443	1	—	51	20	371
Total trips:											20	1,281

NEW LONDON HARBOR, CT

Upbound

Downbound

Grand Total	6,759	6,662	—	32	29	36	6,739	6,661	—	22	23	33
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FOREIGN

Total	20	20	—	—	—	—	18	18	—	—	—	—
35	2	2	—	—	—	—	—	—	—	—	—	—
34	3	3	—	—	—	—	—	—	—	—	—	—
33	4	4	—	—	—	—	3	3	—	—	—	—
32	1	1	—	—	—	—	—	—	—	—	—	—
31	3	3	—	—	—	—	1	1	—	—	—	—
30	1	1	—	—	—	—	1	1	—	—	—	—
29	—	—	—	—	—	—	2	2	—	—	—	—
28	2	2	—	—	—	—	3	3	—	—	—	—
27	—	—	—	—	—	—	1	1	—	—	—	—
26	—	—	—	—	—	—	1	1	—	—	—	—
25	2	2	—	—	—	—	1	1	—	—	—	—
24	1	1	—	—	—	—	2	2	—	—	—	—
21	—	—	—	—	—	—	2	2	—	—	—	—
≤ 18	1	1	—	—	—	—	1	1	—	—	—	—

DOMESTIC

Total	6,739	6,642	—	32	29	36	6,721	6,643	—	22	23	33
22	1	—	—	—	—	1	1	—	—	—	—	1
21	1	—	—	—	—	1	—	—	—	—	—	—
19	1	—	—	—	—	1	—	—	—	—	—	—
≤ 18	6,736	6,642	—	32	29	33	6,720	6,643	—	22	23	32
Total trips:											22	13,498

NEW HAVEN HARBOR, CT

Inbound

Outbound

Grand Total	1,811	438	72	280	222	799	1,803	440	73	277	215	798
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FOREIGN

Total	129	57	71	1	—	—	131	59	72	—	—	—
38	4	3	1	—	—	—	—	—	—	—	—	—
37	14	—	14	—	—	—	—	—	—	—	—	—
36	11	4	7	—	—	—	1	1	—	—	—	—
35	12	3	9	—	—	—	1	1	—	—	—	—

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

NEW HAVEN HARBOR, CT - continued

Inbound

Outbound

FOREIGN

34	5	1	4	—	—	—	3	3	—	—	—	—
33	5	3	2	—	—	—	1	1	—	—	—	—
32	6	4	2	—	—	—	5	3	2	—	—	—
31	3	2	1	—	—	—	5	3	2	—	—	—
30	9	5	4	—	—	—	7	4	3	—	—	—
29	7	3	4	—	—	—	11	5	6	—	—	—
28	9	4	5	—	—	—	10	2	8	—	—	—
27	10	4	6	—	—	—	15	4	11	—	—	—
26	7	5	2	—	—	—	14	5	9	—	—	—
25	4	4	—	—	—	—	20	5	15	—	—	—
24	4	2	2	—	—	—	9	6	3	—	—	—
23	7	4	3	—	—	—	6	4	2	—	—	—
22	8	3	4	1	—	—	4	3	1	—	—	—
21	2	1	1	—	—	—	4	2	2	—	—	—
20	1	1	—	—	—	—	7	3	4	—	—	—
19	—	—	—	—	—	—	2	—	2	—	—	—
≤ 18	1	1	—	—	—	—	6	4	2	—	—	—

DOMESTIC

Total	1,682	381	1	279	222	799	1,672	381	1	277	215	798
35	1	—	—	—	—	1	—	—	—	—	—	—
27	4	—	—	—	—	4	1	—	—	—	—	1
26	7	—	—	—	—	7	1	—	—	—	—	1
25	4	—	—	—	—	4	—	—	—	—	—	—
24	24	—	—	—	—	24	2	—	—	—	—	2
23	33	—	—	—	—	33	2	—	—	—	—	2
22	123	—	—	—	1	122	15	—	—	—	—	15
21	39	—	—	—	—	39	7	—	—	—	—	7
20	156	—	—	19	1	136	34	—	—	17	1	16
19	39	—	—	5	1	33	8	—	—	5	—	3
≤ 18	1,252	381	1	255	219	396	1,602	381	1	255	214	751
Total trips:											214	3,614

BRIDGEPORT HARBOR, CT

Inbound

Outbound

Grand Total	10,090	9,530	1	72	277	210	10,067	9,525	1	71	275	195
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FOREIGN

Total	1	—	1	—	—	—	1	—	1	—	—	—
25	1	—	1	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	1	—	1	—	—	—

DOMESTIC

Total	10,089	9,530	—	72	277	210	10,066	9,525	—	71	275	195
23	1	—	—	—	—	1	2	—	—	—	2	—
22	29	—	—	—	—	29	1	—	—	—	—	1
21	31	—	—	—	—	31	4	—	—	—	—	4
20	24	—	—	—	2	22	5	—	—	—	3	2
19	4	—	—	—	—	4	2	—	—	—	—	2
≤ 18	10,000	9,530	—	72	275	123	10,052	9,525	—	71	270	186
Total trips:											270	20,157

STAMFORD HARBOR, CT

Inbound

Outbound

Grand Total	199	—	—	19	164	16	198	—	—	19	163	16
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DOMESTIC

Total	199	—	—	19	164	16	198	—	—	19	163	16
15	1	—	—	1	—	—	—	—	—	—	—	—
13	1	—	—	1	—	—	—	—	—	—	—	—
≤ 12	197	—	—	17	164	16	198	—	—	19	163	16
Total trips:											19	397

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
ANDREWS RIVER, MA No Vessel Trips Reported												
ANNISQUAM RIVER, MA No Vessel Trips Reported												
APPONAUG COVE, RI No Vessel Trips Reported												
BAR HARBOR, ME (31 feet and less)												
			Inbound						Outbound			
Grand Total	741	741	---	---	---	---	742	742	---	---	---	---
										Total trips:		1,483
BASS HARBOR, ME (10 feet and less)												
			Inbound						Outbound			
Grand Total	2,273	2,273	---	---	---	---	2,273	2,273	---	---	---	---
										Total trips:		4,546
BEALS HARBOR, ME No Vessel Trips Reported												
BELFAST HARBOR, ME No Vessel Trips Reported												
BEVERLY HARBOR, MA No Vessel Trips Reported												
BOOTHBAY HARBOR, ME No Vessel Trips Reported												
BRANFORD HARBOR, CT No Vessel Trips Reported												
BRISTOL HARBOR, RI No Vessel Trips Reported												
BUCKSPORT HARBOR, ME (27 feet and less)												
			Inbound						Outbound			
Grand Total	11	---	6	3	---	2	10	---	6	1	---	3
										Total trips:		21
BUNKER HARBOR, ME No Vessel Trips Reported												
CAMDEN HARBOR, ME No Vessel Trips Reported												
CANAPITSIT CHANNEL, MA (8 feet and less)												
			Upbound						Downbound			
Grand Total	4	---	---	2	---	2	4	---	---	2	---	2
										Total trips:		8
CAPE PORPOISE HARBOR, ME No Vessel Trips Reported												

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
CARVERS HARBOR, ME (10 feet and less)												
				Inbound							Outbound	
Grand Total	2,153	2,153	---	---	---	---	2,153	2,153	---	---	---	---
										Total trips:		4,306
CHATHAM (STAGE) HARBOR, MA No Vessel Trips Reported												
CLINTON HARBOR, CT No Vessel Trips Reported												
COBSCOOK BAY, ME No Vessel Trips Reported												
COHASSET HARBOR, MA No Vessel Trips Reported												
CONNECTICUT RIVER BELOW HARTFORD, CT No Vessel Trips Reported												
COREA HARBOR, ME No Vessel Trips Reported												
CRIEHAVEN HARBOR, ME No Vessel Trips Reported												
CROSS RIP SHOALS, NANTUCKET SOUND, MA (8 feet and less)												
				Upbound							Downbound	
Grand Total	72	---	---	36	22	14	84	---	---	42	26	16
										Total trips:		156
CUTTYHUNK HARBOR, MA (8 feet and less)												
				Inbound							Outbound	
Grand Total	8	---	---	4	---	4	8	---	---	4	---	4
										Total trips:		16
DAMARISCOTTA RIVER, ME No Vessel Trips Reported												
DORCHESTER BAY, MA No Vessel Trips Reported												
DUXBURY HARBOR, MA No Vessel Trips Reported												
EDGARTOWN HARBOR, MA No Vessel Trips Reported												
ESSEX RIVER, MA No Vessel Trips Reported												

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
FALMOUTH HARBOR, MA (5 feet and less)												
				Inbound						Outbound		
Grand Total	1,926	1,926	---	---	---	---	1,926	1,926	---	---	---	---
										Total trips:		3,852
FIVEMILE RIVER HARBOR, CT No Vessel Trips Reported												
FORT POINT CHANNEL, MA No Vessel Trips Reported												
GLOUCESTER HARBOR, MA (23 feet and less)												
				Inbound						Outbound		
Grand Total	308	5	303	---	---	---	308	5	303	---	---	---
										Total trips:		616
GREAT SALT POND, BLOCK ISLAND, RI (7 feet and less)												
				Inbound						Outbound		
Grand Total	907	907	---	---	---	---	899	899	---	---	---	---
										Total trips:		1,806
GREEN HARBOR, MA No Vessel Trips Reported												
GREENWICH BAY, RI No Vessel Trips Reported												
GREENWICH HARBOR, CT (6 feet and less)												
				Inbound						Outbound		
Grand Total	1,594	1,594	---	---	---	---	1,603	1,603	---	---	---	---
										Total trips:		3,197
GUILFORD HARBOR, CT No Vessel Trips Reported												
HAMPTON HARBOR, NH No Vessel Trips Reported												
HARBOR OF REFUGE AT SANDY BAY, CAPE ANN, MA No Vessel Trips Reported												
HARBOR OF REFUGE, BLOCK ISLAND, RI (8 feet and less)												
				Inbound						Outbound		
Grand Total	350	338	---	6	6	---	349	341	---	4	4	---
										Total trips:		699
HARBOR OF REFUGE, NANTUCKET, MA (12 feet and less)												
				Inbound						Outbound		
Grand Total	3,655	3,571	---	42	26	16	3,642	3,570	---	36	22	14
										Total trips:		7,297

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
HARBOR OF REFUGE, POINT JUDITH AND POINT JUDITH POND, RI (7 feet and less)												
Grand Total	640	640	---	---	---	---	640	640	---	---	---	---
										Total trips:		1,280
HARRASEEKET RIVER, ME No Vessel Trips Reported												
HAY (WEST) HARBOR, NY No Vessel Trips Reported												
HENDRICKS HARBOR, ME No Vessel Trips Reported												
HINGHAM HARBOR, MA No Vessel Trips Reported												
HOUSATONIC RIVER, CT No Vessel Trips Reported												
HYANNIS HARBOR, MA (12 feet and less)												
Grand Total	3,570	3,570	---	---	---	---	3,571	3,571	---	---	---	---
										Total trips:		7,141
IPSWICH RIVER, MA No Vessel Trips Reported												
ISLAND END RIVER, MA No Vessel Trips Reported												
ISLE AU HAUT THOROUGHFARE, ME (10 feet and less)												
Grand Total	863	863	---	---	---	---	864	864	---	---	---	---
										Total trips:		1,727
ISLE OF SHOALS HARBOR, ME AND NH No Vessel Trips Reported												
JOSIAS RIVER, ME No Vessel Trips Reported												
KENNEBEC RIVER, ME (10 feet and less)												
Grand Total	2	---	---	1	1	---	2	---	---	1	1	---
										Total trips:		4
KENNEBUNK RIVER, ME No Vessel Trips Reported												

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
LAGOON POND, MARTHA'S VINEYARD, MA (25 feet and less)												
Grand Total	4	4	---	---	---	---	5	5	---	---	---	---
											Total trips:	9
LUBEC CHANNEL, ME (9 feet and less)												
Grand Total	5	5	---	---	---	---	5	5	---	---	---	---
											Total trips:	10
LYNN HARBOR, MA No Vessel Trips Reported												
MACHIAS RIVER, ME No Vessel Trips Reported												
MALDEN RIVER, MA No Vessel Trips Reported												
MANCHESTER HARBOR, MA No Vessel Trips Reported												
MARBLEHEAD HARBOR, MA No Vessel Trips Reported												
MATINICUS HARBOR, ME (10 feet and less)												
Grand Total	167	167	---	---	---	---	167	167	---	---	---	---
											Total trips:	334
MATTAPOISETT HARBOR, MA No Vessel Trips Reported												
MENEMSHA CREEK, MARTHA'S VINEYARD, MA No Vessel Trips Reported												
MILFORD HARBOR, CT No Vessel Trips Reported												
MOOSABEC BAR, ME (8 feet and less)												
Grand Total	2	2	---	---	---	---	2	2	---	---	---	---
											Total trips:	4
MYSTIC RIVER, CT No Vessel Trips Reported												
NARRAGUAGUS RIVER, ME No Vessel Trips Reported												
NEPONSET RIVER, MA No Vessel Trips Reported												

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
NEW BEDFORD AND FAIRHAVEN HARBOR, MA (26 feet and less)												
	Inbound						Outbound					
Grand Total	1,301	19	—	637	122	523	1,364	20	—	664	144	536
	Total trips: 2,665											
NEW HARBOR, ME No Vessel Trips Reported												
NEWBURYPORT HARBOR, MA (11 feet and less)												
	Inbound						Outbound					
Grand Total	1	1	—	—	—	—	1	1	—	—	—	—
	Total trips: 2											
NEWPORT HARBOR, RI (28 feet and less)												
	Upbound						Downbound					
Grand Total	6	6	—	—	—	—	6	6	—	—	—	—
	Total trips: 12											
NIANTIC BAY AND HARBOR, CT No Vessel Trips Reported												
NORTHEAST HARBOR, ME (6 feet and less)												
	Inbound						Outbound					
Grand Total	747	747	—	—	—	—	747	747	—	—	—	—
	Total trips: 1,494											
NORWALK HARBOR, CT (12 feet and less)												
	Inbound						Outbound					
Grand Total	26	—	—	3	23	—	26	—	—	3	23	—
	Total trips: 52											
OWLS HEAD HARBOR, ME No Vessel Trips Reported												
PATCHOGUE RIVER, CT No Vessel Trips Reported												
PAWCATUCK RIVER, RI AND CT No Vessel Trips Reported												
PENOBSCOT RIVER, ME (29 feet and less)												
	Upbound						Downbound					
Grand Total	12	1	6	3	—	2	10	—	6	1	—	3
	Total trips: 22											
PLEASANT RIVER, ME No Vessel Trips Reported												
PLYMOUTH HARBOR, MA No Vessel Trips Reported												
POLLACK RIP SHOALS, NANTUCKET SOUND, MA No Vessel Trips Reported												

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
PROVINCETOWN HARBOR, MA (22 feet and less)												
				Inbound						Outbound		
Grand Total	5	5	---	---	---	---	4	4	---	---	---	---
											Total trips:	9
RED BROOK HARBOR, BOURNE, MA No Vessel Trips Reported												
ROCKLAND HARBOR, ME (21 feet and less)												
				Inbound						Outbound		
Grand Total	3,277	3,277	---	---	---	---	3,277	3,277	---	---	---	---
											Total trips:	6,554
ROCKPORT HARBOR, MA No Vessel Trips Reported												
ROCKPORT HARBOR, ME No Vessel Trips Reported												
ROYAL RIVER, ME (6 feet and less)												
				Upbound						Downbound		
Grand Total	9	---	---	5	4	---	9	---	---	5	4	---
											Total trips:	18
RYE HARBOR, NH No Vessel Trips Reported												
SACO RIVER, ME No Vessel Trips Reported												
SAKONNET RIVER AND HARBOR, RI No Vessel Trips Reported												
SALEM HARBOR, MA (26 feet and less)												
				Inbound						Outbound		
Grand Total	8	8	---	---	---	---	9	9	---	---	---	---
											Total trips:	17
SAUGUS RIVER, MA No Vessel Trips Reported												
SCARBORO RIVER, ME No Vessel Trips Reported												
SCITUATE HARBOR, MA No Vessel Trips Reported												
SEEKONK RIVER, RI No Vessel Trips Reported												
SOUTH BRISTOL HARBOR, ME No Vessel Trips Reported												

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
SOUTHWEST HARBOR, ME (6 feet and less)												
				Inbound							Outbound	
Grand Total	821	821	---	---	---	---	821	821	---	---	---	---
										Total trips:		1,642
ST. CROIX RIVER, ME No Vessel Trips Reported												
STOCKTON HARBOR, ME No Vessel Trips Reported												
STONINGTON HARBOR, CT No Vessel Trips Reported												
STONINGTON HARBOR, ME (10 feet and less)												
				Inbound							Outbound	
Grand Total	864	864	---	---	---	---	863	863	---	---	---	---
										Total trips:		1,727
STONY CREEK, CT No Vessel Trips Reported												
TAUNTON RIVER, MA No Vessel Trips Reported												
TENANTS HARBOR, ME No Vessel Trips Reported												
THAMES RIVER, CT (22 feet and less)												
				Upbound							Downbound	
Grand Total	17	---	---	9	---	8	10	---	---	5	---	5
										Total trips:		27
THOMASTON HARBOR (GEORGES RIVER), ME No Vessel Trips Reported												
VINEYARD HAVEN HARBOR, MA (12 feet and less)												
				Inbound							Outbound	
Grand Total	5,445	5,160	---	142	98	45	5,393	5,157	---	120	83	33
										Total trips:		10,838
WAREHAM HARBOR, MA No Vessel Trips Reported												
WARREN RIVER, RI No Vessel Trips Reported												
WARWICK COVE, WARWICK, RI No Vessel Trips Reported												
WELLFLEET HARBOR, MA No Vessel Trips Reported												
WESTPORT HARBOR AND SAUGATUCK RIVER, CT No Vessel Trips Reported												

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
WESTPORT RIVER, MA												
No Vessel Trips Reported												
WEYMOUTH BACK RIVER, MA												
(6 feet and less)												
				Upbound							Downbound	
Grand Total	1,110	1,110	---	---	---	---	1,110	1,110	---	---	---	---
										Total trips:	---	2,220
WICKFORD HARBOR, RI												
(3 feet and less)												
				Inbound							Outbound	
Grand Total	1	1	---	---	---	---	1	1	---	---	---	---
										Total trips:	---	2
WINTHROP HARBOR, MA												
No Vessel Trips Reported												
WOOD ISLAND HARBOR, ME AND THE POOL AT BIDDEFORD												
No Vessel Trips Reported												
WOODS HOLE CHANNEL, MA												
(15 feet and less)												
				Upbound							Downbound	
Grand Total	7,542	7,222	---	168	103	49	7,569	7,221	---	168	122	58
										Total trips:	---	15,111
YORK HARBOR, ME												
No Vessel Trips Reported												
EASTPORT HARBOR, ME												
(38 feet and less)												
				Inbound							Outbound	
Grand Total	136	136	---	---	---	---	130	130	---	---	---	---
										Total trips:	---	266

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

EAST CHESTER CREEK, NY

	Upbound						Downbound					
Grand Total	333	---	---	49	204	80	340	---	---	60	203	77
DOMESTIC												
Total	333	---	---	49	204	80	340	---	---	60	203	77
14	22	---	---	---	---	22	---	---	---	---	---	---
12	2	---	---	---	2	---	---	---	---	---	---	---
11	7	---	---	---	7	---	55	---	---	---	55	---
10	76	---	---	20	46	10	32	---	---	32	---	---
9	102	---	---	26	39	37	29	---	---	22	7	---
8	41	---	---	3	37	1	37	---	---	4	33	---
7	19	---	---	---	18	1	---	---	---	---	---	---
≤ 6	64	---	---	---	55	9	187	---	---	2	108	77
										Total trips:		673

BRONX RIVER, NY

	Upbound						Downbound					
Grand Total	683	---	---	35	648	---	647	---	---	37	610	---
DOMESTIC												
Total	683	---	---	35	648	---	647	---	---	37	610	---
13	5	---	---	5	---	---	4	---	---	4	---	---
12	3	---	---	3	---	---	67	---	---	4	63	---
11	1	---	---	---	1	---	109	---	---	---	109	---
10	28	---	---	15	13	---	114	---	---	17	97	---
9	11	---	---	3	8	---	286	---	---	2	284	---
8	35	---	---	6	29	---	28	---	---	6	22	---
7	1	---	---	---	1	---	2	---	---	---	2	---
≤ 6	599	---	---	3	596	---	37	---	---	4	33	---
										Total trips:		1,330

FLUSHING BAY AND CREEK, NY

	Upbound						Downbound					
Grand Total	497	---	---	113	358	26	503	---	---	121	358	24
DOMESTIC												
Total	497	---	---	113	358	26	503	---	---	121	358	24
17	6	---	---	---	6	---	---	---	---	---	---	---
16	35	---	---	---	35	---	---	---	---	---	---	---
15	14	---	---	---	14	---	---	---	---	---	---	---
14	3	---	---	---	1	2	---	---	---	---	---	---
13	1	---	---	---	1	---	---	---	---	---	---	---
12	48	---	---	---	48	---	---	---	---	---	---	---
11	120	---	---	---	120	---	---	---	---	---	---	---
10	109	---	---	63	46	---	66	---	---	66	---	---
9	41	---	---	6	33	2	4	---	---	4	---	---
8	43	---	---	23	20	---	33	---	---	31	2	---
7	19	---	---	---	---	19	173	---	---	---	173	---
≤ 6	58	---	---	21	34	3	227	---	---	20	183	24
										Total trips:		1,000

HUDSON RIVER, NY (LOWER SECTION)

	Upbound						Downbound					
Grand Total	81	3	---	35	35	8	83	3	---	35	36	9
FOREIGN												
Total	3	3	---	---	---	---	3	3	---	---	---	---
28	1	1	---	---	---	---	---	---	---	---	---	---
24	2	2	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	1	1	---	---	---	---
19	---	---	---	---	---	---	1	1	---	---	---	---
≤ 18	---	---	---	---	---	---	1	1	---	---	---	---

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

HUDSON RIVER, NY (LOWER SECTION) - continued
Upbound

Downbound

DOMESTIC

Total	78	---	---	35	35	8	80	---	---	35	36	9
23	9	---	---	---	9	---	---	---	---	---	---	---
22	12	---	---	---	12	---	---	---	---	---	---	---
20	8	---	---	---	8	---	---	---	---	---	---	---
19	4	---	---	---	4	---	---	---	---	---	---	---
≤ 18	45	---	---	35	2	8	80	---	---	35	36	9
										Total trips:		164

HUDSON RIVER CHANNEL, NY AND NJ
Upbound

Downbound

Grand Total	95,004	94,581	28	44	241	110	94,990	94,569	31	43	241	106
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FOREIGN

Total	161	161	---	---	---	---	158	158	---	---	---	---
44	---	---	---	---	---	---	1	1	---	---	---	---
40	2	2	---	---	---	---	---	---	---	---	---	---
30	21	21	---	---	---	---	21	21	---	---	---	---
29	3	3	---	---	---	---	3	3	---	---	---	---
28	1	1	---	---	---	---	14	14	---	---	---	---
27	59	59	---	---	---	---	44	44	---	---	---	---
26	3	3	---	---	---	---	3	3	---	---	---	---
25	8	8	---	---	---	---	8	8	---	---	---	---
24	13	13	---	---	---	---	13	13	---	---	---	---
22	40	40	---	---	---	---	40	40	---	---	---	---
21	3	3	---	---	---	---	3	3	---	---	---	---
20	6	6	---	---	---	---	6	6	---	---	---	---
≤ 18	2	2	---	---	---	---	2	2	---	---	---	---

DOMESTIC

Total	94,843	94,420	28	44	241	110	94,832	94,411	31	43	241	106
35	2	---	---	---	---	2	1	---	---	---	---	1
≤ 18	94,841	94,420	28	44	241	108	94,831	94,411	31	43	241	105
										Total trips:		189,994

EAST RIVER, NY

Upbound

Downbound

Grand Total	88,751	87,793	4	471	215	268	89,241	88,285	4	470	216	266
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FOREIGN

Total	34	33	---	---	---	1	30	30	---	---	---	---
39	2	2	---	---	---	---	---	---	---	---	---	---
38	11	11	---	---	---	---	---	---	---	---	---	---
36	1	1	---	---	---	---	---	---	---	---	---	---
33	5	5	---	---	---	---	---	---	---	---	---	---
32	3	3	---	---	---	---	---	---	---	---	---	---
31	1	1	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	1	1	---	---	---	---
27	2	2	---	---	---	---	1	1	---	---	---	---
26	2	2	---	---	---	---	13	13	---	---	---	---
25	---	---	---	---	---	---	1	1	---	---	---	---
24	3	3	---	---	---	---	---	---	---	---	---	---
23	1	1	---	---	---	---	3	3	---	---	---	---
22	---	---	---	---	---	---	3	3	---	---	---	---
21	---	---	---	---	---	---	1	1	---	---	---	---
20	1	---	---	---	---	1	1	1	---	---	---	---
19	2	2	---	---	---	---	3	3	---	---	---	---
≤ 18	---	---	---	---	---	---	3	3	---	---	---	---

DOMESTIC

Total	88,717	87,760	4	471	215	267	89,211	88,255	4	470	216	266
22	7	---	---	---	2	5	---	---	---	---	---	---
21	12	---	---	---	1	11	1	---	---	---	---	1
20	14	---	---	---	---	14	2	---	---	---	---	2

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

EAST RIVER, NY - continued

Upbound							Downbound					
DOMESTIC												
19	3	—	—	—	3	—	—	—	—	—	—	—
≤ 18	88,681	87,760	4	471	212	234	89,208	88,255	4	470	216	263
										Total trips:		177,992

NEWTOWN CREEK, NY

Upbound							Downbound					
Grand Total	1,326	3	—	278	694	351	1,284	—	—	233	697	354
DOMESTIC												
Total	1,326	3	—	278	694	351	1,284	—	—	233	697	354
15	74	—	—	1	—	73	204	—	—	—	201	3
14	3	—	—	—	—	3	—	—	—	—	—	—
13	11	—	—	11	—	—	12	—	—	12	—	—
≤ 12	1,238	3	—	266	694	275	1,068	—	—	221	496	351
										Total trips:		2,610

BUTTERMILK CHANNEL, NY

Upbound							Downbound					
Grand Total	918	130	14	221	475	78	926	140	13	221	474	78
FOREIGN												
Total	126	125	1	—	—	—	135	135	—	—	—	—
41	—	—	—	—	—	—	1	1	—	—	—	—
40	—	—	—	—	—	—	1	1	—	—	—	—
37	3	3	—	—	—	—	—	—	—	—	—	—
36	—	—	—	—	—	—	1	1	—	—	—	—
35	1	1	—	—	—	—	2	2	—	—	—	—
34	14	14	—	—	—	—	17	17	—	—	—	—
33	3	3	—	—	—	—	3	3	—	—	—	—
32	5	4	1	—	—	—	8	8	—	—	—	—
31	29	29	—	—	—	—	27	27	—	—	—	—
30	9	9	—	—	—	—	16	16	—	—	—	—
29	34	34	—	—	—	—	26	26	—	—	—	—
28	7	7	—	—	—	—	9	9	—	—	—	—
27	1	1	—	—	—	—	2	2	—	—	—	—
25	3	3	—	—	—	—	3	3	—	—	—	—
24	1	1	—	—	—	—	1	1	—	—	—	—
22	1	1	—	—	—	—	1	1	—	—	—	—
21	—	—	—	—	—	—	1	1	—	—	—	—
19	1	1	—	—	—	—	1	1	—	—	—	—
≤ 18	14	14	—	—	—	—	15	15	—	—	—	—
DOMESTIC												
Total	792	5	13	221	475	78	791	5	13	221	474	78
≤ 18	792	5	13	221	475	78	791	5	13	221	474	78
										Total trips:		1,844

BAY RIDGE AND RED HOOK CHANNELS, NY

Upbound							Downbound					
Grand Total	143	3	—	135	2	3	163	3	—	136	22	2
FOREIGN												
Total	3	3	—	—	—	—	3	3	—	—	—	—
24	1	1	—	—	—	—	—	—	—	—	—	—
21	1	1	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	1	1	—	—	—	—
19	—	—	—	—	—	—	1	1	—	—	—	—
≤ 18	1	1	—	—	—	—	1	1	—	—	—	—

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

BAY RIDGE AND RED HOOK CHANNELS, NY - continued
Upbound

Downbound

DOMESTIC

Total	140	---	---	135	2	3	160	---	---	136	22	2
20	1	---	---	---	1	---	---	---	---	---	---	---
≤ 18	139	---	---	135	1	3	160	---	---	136	22	2
										Total trips:		306

GOWANUS CREEK CHANNEL, NY

Upbound

Downbound

Grand Total	437	2	---	155	227	53	426	---	---	154	226	46
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FOREIGN

Total	2	---	---	1	---	1	---	---	---	---	---	---
≤ 18	2	---	---	1	---	1	---	---	---	---	---	---

DOMESTIC

Total	435	2	---	154	227	52	426	---	---	154	226	46
34	1	---	---	---	---	1	---	---	---	---	---	---
26	1	---	---	---	1	---	---	---	---	---	---	---
23	1	---	---	---	1	---	---	---	---	---	---	---
22	1	---	---	---	1	---	---	---	---	---	---	---
21	1	---	---	---	1	---	---	---	---	---	---	---
20	6	---	---	---	---	6	1	---	---	---	---	1
19	3	---	---	---	2	1	1	---	---	---	---	1
≤ 18	421	2	---	154	221	44	424	---	---	154	226	44
										Total trips:		863

CONEY ISLAND CHANNEL, NY

Upbound

Downbound

Grand Total	113	---	---	12	32	69	112	---	---	10	33	69
--------------------	-----	-----	-----	----	----	----	-----	-----	-----	----	----	----

DOMESTIC

Total	113	---	---	12	32	69	112	---	---	10	33	69
15	---	---	---	---	---	---	4	---	---	---	---	4
12	---	---	---	---	---	---	1	---	---	---	---	1
10	7	---	---	---	---	7	37	---	---	---	13	24
9	1	---	---	---	---	1	27	---	---	---	8	19
8	---	---	---	---	---	---	10	---	---	---	---	10
7	12	---	---	12	---	---	26	---	---	10	11	5
6	---	---	---	---	---	---	1	---	---	---	1	---
3	43	---	---	---	19	24	1	---	---	---	---	1
2	50	---	---	---	13	37	5	---	---	---	---	5
										Total trips:		225

JAMAICA BAY, NY

Upbound

Downbound

Grand Total	487	---	---	127	109	251	486	---	---	126	109	251
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DOMESTIC

Total	487	---	---	127	109	251	486	---	---	126	109	251
15	77	---	---	---	---	77	2	---	---	---	---	2
≤ 12	410	---	---	127	109	174	484	---	---	126	109	249
										Total trips:		973

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

RARITAN RIVER, NJ (INCLUDED IN PORT OF NEW YORK)

	Upbound						Downbound					
Grand Total	151	---	---	31	---	120	155	---	---	38	---	117
DOMESTIC												
Total	151	---	---	31	---	120	155	---	---	38	---	117
30	---	---	---	---	---	---	1	---	---	---	---	1
25	1	---	---	---	---	1	2	---	---	---	---	2
24	---	---	---	---	---	---	1	---	---	---	---	1
22	1	---	---	---	---	1	1	---	---	---	---	1
21	2	---	---	---	---	2	2	---	---	---	---	2
20	1	---	---	1	---	---	9	---	---	1	---	8
19	---	---	---	---	---	---	1	---	---	---	---	1
17	1	---	---	---	---	1	8	---	---	---	---	8
16	7	---	---	6	---	1	8	---	---	5	---	3
15	2	---	---	1	---	1	2	---	---	1	---	1
14	1	---	---	---	---	1	2	---	---	1	---	1
13	13	---	---	11	---	2	13	---	---	12	---	1
≤ 12	122	---	---	12	---	110	105	---	---	18	---	87
										Total trips:		306

UPPER BAY, NEW YORK HARBOR, NY AND NJ

	Upbound						Downbound					
Grand Total	32,809	24,895	347	4,721	1,831	1,015	33,357	25,242	471	4,722	1,828	1,094
FOREIGN												
Total	475	411	56	4	3	1	587	395	186	4	---	2
50	1	---	1	---	---	---	1	---	1	---	---	---
48	1	---	1	---	---	---	---	---	---	---	---	---
47	1	1	---	---	---	---	---	---	---	---	---	---
46	2	1	1	---	---	---	1	---	1	---	---	---
45	11	8	3	---	---	---	5	3	2	---	---	---
44	21	20	1	---	---	---	9	9	---	---	---	---
43	25	23	2	---	---	---	5	4	1	---	---	---
42	31	31	---	---	---	---	12	11	1	---	---	---
41	39	39	---	---	---	---	18	17	1	---	---	---
40	35	30	5	---	---	---	47	47	---	---	---	---
39	28	23	5	---	---	---	37	36	1	---	---	---
38	21	21	---	---	---	---	47	46	1	---	---	---
37	24	18	6	---	---	---	25	23	2	---	---	---
36	9	5	4	---	---	---	23	21	2	---	---	---
35	15	10	5	---	---	---	14	10	4	---	---	---
34	8	7	1	---	---	---	15	12	3	---	---	---
33	16	14	2	---	---	---	10	7	3	---	---	---
32	11	11	---	---	---	---	18	15	3	---	---	---
31	11	10	1	---	---	---	18	15	3	---	---	---
30	5	3	2	---	---	---	21	10	11	---	---	---
29	59	57	2	---	---	---	74	53	21	---	---	---
28	38	37	1	---	---	---	83	33	50	---	---	---
27	3	2	1	---	---	---	35	3	32	---	---	---
26	7	3	4	---	---	---	21	3	18	---	---	---
25	4	3	1	---	---	---	16	---	16	---	---	---
24	1	1	---	---	---	---	8	5	3	---	---	---
23	4	3	1	---	---	---	4	2	2	---	---	---
22	3	1	2	---	---	---	3	2	1	---	---	---
21	4	3	1	---	---	---	2	1	1	---	---	---
20	24	20	2	1	---	1	1	---	---	---	---	1
19	2	2	---	---	---	---	2	1	1	---	---	---
≤ 18	11	4	1	3	3	---	12	6	1	4	---	1
DOMESTIC												
Total	32,334	24,484	291	4,717	1,828	1,014	32,770	24,847	285	4,718	1,828	1,092
35	1	---	---	---	---	1	1	---	---	---	---	1
30	1	---	---	---	---	1	---	---	---	---	---	---
29	1	---	---	---	---	1	---	---	---	---	---	---
27	1	---	---	---	---	1	---	---	---	---	---	---
26	2	---	---	---	---	2	1	---	---	---	---	1
25	14	---	---	---	---	14	---	---	---	---	---	---
24	48	---	---	---	---	48	1	---	---	---	---	1
23	6	---	---	---	---	6	---	---	---	---	---	---
22	6	---	---	---	---	6	1	---	---	---	---	1
21	4	---	---	---	---	4	2	---	---	---	---	2

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

UPPER BAY, NEW YORK HARBOR, NY AND NJ - continued
Upbound

Downbound

DOMESTIC

20	15	—	—	1	—	14	5	—	—	1	—	4
19	15	—	—	4	—	11	7	—	—	3	—	4
≤ 18	32,220	24,484	291	4,712	1,828	905	32,752	24,847	285	4,714	1,828	1,078
Total trips:											66,166	

NEWARK BAY, NJ (INCLUDED IN NEWARK BAY CONSOLIDATED REPORT AND PORT OF NEW YORK)

Upbound

Downbound

Grand Total	4,897	2,142	418	1,309	338	690	4,907	2,158	413	1,312	334	690
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FOREIGN

Total	2,181	2,116	65	—	—	—	2,195	2,133	59	3	—	—
50	1	1	—	—	—	—	—	—	—	—	—	—
49	1	1	—	—	—	—	—	—	—	—	—	—
48	6	6	—	—	—	—	3	3	—	—	—	—
47	23	23	—	—	—	—	10	10	—	—	—	—
46	43	43	—	—	—	—	10	10	—	—	—	—
45	85	85	—	—	—	—	52	52	—	—	—	—
44	86	86	—	—	—	—	80	80	—	—	—	—
43	181	181	—	—	—	—	188	188	—	—	—	—
42	85	85	—	—	—	—	75	75	—	—	—	—
41	98	98	—	—	—	—	127	127	—	—	—	—
40	125	125	—	—	—	—	98	98	—	—	—	—
39	121	120	1	—	—	—	131	131	—	—	—	—
38	170	165	5	—	—	—	159	159	—	—	—	—
37	111	107	4	—	—	—	117	116	1	—	—	—
36	81	76	5	—	—	—	101	100	1	—	—	—
35	78	76	2	—	—	—	110	108	2	—	—	—
34	74	71	3	—	—	—	68	67	1	—	—	—
33	82	77	5	—	—	—	100	97	3	—	—	—
32	58	50	8	—	—	—	46	46	—	—	—	—
31	56	53	3	—	—	—	43	41	2	—	—	—
30	81	75	6	—	—	—	84	79	5	—	—	—
29	134	128	6	—	—	—	86	82	4	—	—	—
28	162	158	4	—	—	—	150	138	12	—	—	—
27	56	52	4	—	—	—	114	112	2	—	—	—
26	14	12	2	—	—	—	45	40	5	—	—	—
25	37	37	—	—	—	—	54	49	5	—	—	—
24	11	10	1	—	—	—	20	18	2	—	—	—
23	18	17	1	—	—	—	24	19	5	—	—	—
22	24	19	5	—	—	—	22	19	3	—	—	—
21	24	24	—	—	—	—	10	9	1	—	—	—
20	1	1	—	—	—	—	4	3	1	—	—	—
19	4	4	—	—	—	—	3	3	—	—	—	—
≤ 18	50	50	—	—	—	—	61	54	4	3	—	—

DOMESTIC

Total	2,716	26	353	1,309	338	690	2,712	25	354	1,309	334	690
35	26	—	—	—	—	26	1	—	—	—	—	1
27	—	—	—	—	—	—	1	—	—	—	—	1
22	—	—	—	—	—	—	2	—	—	—	—	2
19	1	—	—	—	—	1	—	—	—	—	—	—
≤ 18	2,689	26	353	1,309	338	663	2,708	25	354	1,309	334	686
Total trips:											9,804	

PASSAIC RIVER, NJ

Upbound

Downbound

Grand Total	1,160	26	10	333	—	791	1,115	26	10	333	1	745
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FOREIGN

Total	10	—	10	—	—	—	10	—	10	—	—	—
28	—	—	—	—	—	—	1	—	1	—	—	—
25	—	—	—	—	—	—	1	—	1	—	—	—
22	2	—	2	—	—	—	—	—	—	—	—	—
21	1	—	1	—	—	—	4	—	4	—	—	—
20	2	—	2	—	—	—	—	—	—	—	—	—

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

PASSAIC RIVER, NJ - continued

	Upbound						Downbound					
FOREIGN												
19	3	—	3	—	—	—	4	—	4	—	—	—
17	1	—	1	—	—	—	—	—	—	—	—	—
16	1	—	1	—	—	—	—	—	—	—	—	—
DOMESTIC												
Total	1,150	26	—	333	—	791	1,105	26	—	333	1	745
34	—	—	—	—	—	—	1	—	—	—	—	1
22	3	—	—	—	—	3	1	—	—	—	—	1
20	7	—	—	—	—	7	3	—	—	—	—	3
19	25	—	—	—	—	25	—	—	—	—	—	—
18	—	—	—	—	—	—	2	—	—	—	—	2
17	14	—	—	—	—	14	3	—	—	—	—	3
16	10	—	—	—	—	10	8	—	—	—	—	8
15	51	—	—	2	—	49	5	—	—	1	—	4
14	22	—	—	2	—	20	8	—	—	1	—	7
13	76	—	—	64	—	12	63	—	—	61	1	1
≤ 12	942	26	—	265	—	651	1,011	26	—	270	—	715
											Total trips:	2,275

NEW YORK AND NEW JERSEY CHANNELS, NY AND NJ

	Upbound						Downbound					
Grand Total	14,079	370	1,644	4,325	390	7,350	14,045	376	1,597	4,328	391	7,353
FOREIGN												
Total	1,124	234	865	14	—	11	1,089	238	818	18	1	14
46	6	—	6	—	—	—	3	—	3	—	—	—
45	3	—	3	—	—	—	2	—	2	—	—	—
44	2	—	2	—	—	—	10	—	10	—	—	—
43	—	—	—	—	—	—	9	—	9	—	—	—
42	3	—	3	—	—	—	14	—	14	—	—	—
41	64	5	59	—	—	—	9	1	8	—	—	—
40	29	7	22	—	—	—	10	4	6	—	—	—
39	23	13	10	—	—	—	32	19	13	—	—	—
38	66	49	17	—	—	—	53	38	15	—	—	—
37	160	44	116	—	—	—	85	49	36	—	—	—
36	132	14	118	—	—	—	62	30	32	—	—	—
35	82	6	76	—	—	—	48	8	40	—	—	—
34	40	2	38	—	—	—	32	3	29	—	—	—
33	46	5	41	—	—	—	32	9	23	—	—	—
32	62	2	60	—	—	—	48	9	39	—	—	—
31	39	7	32	—	—	—	26	7	19	—	—	—
30	55	21	34	—	—	—	44	6	38	—	—	—
29	46	6	40	—	—	—	61	3	58	—	—	—
28	41	—	41	—	—	—	91	2	89	—	—	—
27	68	10	58	—	—	—	149	10	139	—	—	—
26	49	19	30	—	—	—	92	21	71	—	—	—
25	40	16	24	—	—	—	70	15	55	—	—	—
24	17	5	12	—	—	—	29	2	27	—	—	—
23	4	—	4	—	—	—	13	1	12	—	—	—
22	9	—	9	—	—	—	9	—	7	1	1	—
21	7	1	5	—	—	1	7	—	6	1	—	—
20	3	—	1	1	—	1	5	—	3	—	—	2
19	3	—	1	2	—	—	5	—	2	1	—	2
≤ 18	25	2	3	11	—	9	39	1	13	15	—	10
DOMESTIC												
Total	12,955	136	779	4,311	390	7,339	12,956	138	779	4,310	390	7,339
40	5	—	4	—	—	1	2	—	2	—	—	—
39	2	—	2	—	—	—	—	—	—	—	—	—
38	1	—	1	—	—	—	—	—	—	—	—	—
36	2	—	2	—	—	—	3	—	3	—	—	—
35	10	—	3	—	—	7	33	—	1	—	—	32
34	—	—	—	—	—	—	1	—	—	—	—	1
33	2	—	—	—	—	2	6	—	4	—	—	2
32	—	—	—	—	—	—	1	—	1	—	—	—
30	3	—	—	—	—	3	3	—	2	—	—	1
29	9	—	—	—	—	9	4	—	1	—	—	3
28	17	—	—	—	—	17	2	—	—	—	—	2
27	7	—	—	—	—	7	8	—	—	—	—	8

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

NEW YORK AND NEW JERSEY CHANNELS, NY AND NJ - continued
Upbound

Downbound

DOMESTIC

26	41	—	—	—	—	41	26	—	—	—	4	22
25	26	—	—	—	—	26	20	—	—	—	2	18
24	66	—	—	—	—	66	60	—	—	—	—	60
23	113	—	—	—	—	113	20	—	—	—	1	19
22	331	—	—	—	—	331	48	—	—	—	1	47
21	156	—	—	—	—	156	25	—	—	—	1	24
20	457	—	—	29	—	428	111	—	—	33	2	76
19	158	—	—	18	—	140	77	—	—	14	8	55
≤ 18	11,549	136	767	4,264	390	5,992	12,506	138	765	4,263	371	6,969
											Total trips:	28,124

RARITAN RIVER TO ARTHUR KILL CUT OFF CHANNEL, NJ

Upbound

Downbound

Grand Total	145	—	—	33	—	112	137	—	—	27	—	110
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DOMESTIC

Total	145	—	—	33	—	112	137	—	—	27	—	110
23	3	—	—	—	—	3	—	—	—	—	—	—
22	1	—	—	—	—	1	1	—	—	—	—	1
21	2	—	—	—	—	2	1	—	—	—	—	1
20	9	—	—	1	—	8	1	—	—	1	—	—
19	1	—	—	—	—	1	—	—	—	—	—	—
17	6	—	—	—	—	6	1	—	—	—	—	1
16	8	—	—	5	—	3	6	—	—	5	—	1
15	2	—	—	1	—	1	2	—	—	1	—	1
14	2	—	—	1	—	1	—	—	—	—	—	—
13	13	—	—	12	—	1	13	—	—	11	—	2
12	13	—	—	1	—	12	7	—	—	1	—	6
11	27	—	—	—	—	27	6	—	—	—	—	6
10	4	—	—	—	—	4	3	—	—	1	—	2
9	1	—	—	1	—	—	4	—	—	1	—	3
8	2	—	—	—	—	2	1	—	—	—	—	1
7	—	—	—	—	—	—	1	—	—	—	—	1
6	1	—	—	—	—	1	4	—	—	—	—	4
5	1	—	—	—	—	1	—	—	—	—	—	—
4	5	—	—	3	—	2	18	—	—	1	—	17
3	37	—	—	3	—	34	60	—	—	—	—	60
2	7	—	—	5	—	2	8	—	—	5	—	3
											Total trips:	282

NEW YORK HARBOR, NY LOWER ENTRANCE CHANNELS

Upbound

Downbound

Grand Total	10,685	7,979	1,070	584	252	800	10,587	7,981	1,077	470	257	802
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FOREIGN

Total	4,274	3,187	1,044	23	4	16	4,294	3,193	1,056	27	3	15
50	2	1	1	—	—	—	1	—	1	—	—	—
49	1	1	—	—	—	—	—	—	—	—	—	—
48	8	6	2	—	—	—	3	3	—	—	—	—
47	25	24	1	—	—	—	13	10	3	—	—	—
46	45	44	1	—	—	—	14	10	4	—	—	—
45	91	86	5	—	—	—	60	55	5	—	—	—
44	109	99	10	—	—	—	92	90	2	—	—	—
43	210	199	11	—	—	—	193	192	1	—	—	—
42	118	104	14	—	—	—	90	86	4	—	—	—
41	147	123	24	—	—	—	151	146	5	—	—	—
40	167	142	25	—	—	—	153	150	3	—	—	—
39	177	153	24	—	—	—	179	177	2	—	—	—
38	241	220	21	—	—	—	252	243	9	—	—	—
37	270	150	120	—	—	—	213	187	26	—	—	—
36	165	83	82	—	—	—	167	152	15	—	—	—
35	158	87	71	—	—	—	144	127	17	—	—	—
34	133	87	46	—	—	—	119	99	20	—	—	—
33	143	88	55	—	—	—	137	117	20	—	—	—
32	135	70	65	—	—	—	116	77	39	—	—	—
31	112	89	23	—	—	—	125	89	36	—	—	—

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

NEW YORK HARBOR, NY LOWER ENTRANCE CHANNELS - continued

Upbound

Downbound

FOREIGN

30	162	127	35	—	—	—	211	156	55	—	—	—
29	692	449	243	—	—	—	282	177	105	—	—	—
28	235	205	30	—	—	—	368	198	170	—	—	—
27	175	128	47	—	—	—	376	181	195	—	—	—
26	60	41	19	—	—	—	194	83	111	—	—	—
25	84	70	14	—	—	—	168	78	90	—	—	—
24	49	39	10	—	—	—	82	46	36	—	—	—
23	29	23	6	—	—	—	48	27	21	—	—	—
22	85	68	17	—	—	—	96	81	13	1	1	—
21	60	51	8	1	—	—	38	24	13	—	—	1
20	47	36	6	2	—	3	28	18	6	1	—	3
19	24	17	4	2	—	1	24	15	7	1	—	1
18	20	7	2	—	—	11	31	18	5	—	—	8
17	26	22	1	2	—	1	28	24	2	1	—	1
16	42	37	1	2	2	—	67	47	15	5	—	—
15	7	6	—	—	1	—	3	3	—	—	—	—
14	4	3	—	—	1	—	5	3	—	—	2	—
13	1	—	—	—	1	—	3	—	—	3	—	—
≤ 12	15	2	—	12	1	—	20	4	—	15	—	1

DOMESTIC

Total	6,411	4,792	26	561	248	784	6,293	4,788	21	443	254	787
40	5	—	4	—	—	1	2	—	2	—	—	—
39	2	—	2	—	—	—	—	—	—	—	—	—
38	1	—	1	—	—	—	—	—	—	—	—	—
36	2	—	2	—	—	—	2	—	2	—	—	—
35	4	—	3	—	—	1	1	—	1	—	—	—
34	—	—	—	—	—	—	1	—	—	—	—	1
33	1	—	—	—	—	1	7	—	4	—	—	3
32	1	—	1	—	—	—	—	—	—	—	—	—
30	3	—	—	—	—	3	3	—	1	—	—	2
29	2	—	—	—	—	2	10	—	1	—	—	9
28	1	—	—	—	—	1	10	—	—	—	—	10
27	2	—	—	—	—	2	2	—	—	—	—	2
26	5	—	—	—	2	3	9	—	1	—	—	8
25	3	—	—	—	—	3	1	—	—	—	—	1
24	1	—	—	—	—	1	—	—	—	—	—	—
23	18	—	—	—	9	9	1	—	—	—	—	1
22	35	—	—	—	14	21	16	—	—	—	—	16
21	31	—	—	—	2	29	7	—	—	—	—	7
20	51	—	—	2	26	23	18	—	—	2	1	15
19	72	—	—	1	26	45	10	—	—	1	1	8
18	47	—	11	2	18	16	22	—	6	1	1	14
17	55	—	—	11	14	30	30	—	—	4	—	26
16	37	—	—	21	3	13	43	—	—	16	—	27
15	22	—	—	11	5	6	82	—	—	4	—	78
14	4,025	3,993	—	7	1	24	4,005	3,993	—	3	—	9
13	54	—	2	22	—	30	24	—	—	19	—	5
≤ 12	1,931	799	—	484	128	520	1,987	795	3	393	251	545
Total trips:											21,272	

HUDSON RIVER, NY, MOUTH OF SPUYTEN DUYVILL CREEK (HARLEM RIVER) TO WATERFORD, NY

Upbound

Downbound

Grand Total	7,473	4,063	13	857	1,559	981	7,508	4,063	14	858	1,560	1,013
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FOREIGN

Total	116	100	13	2	1	—	124	103	14	4	2	1
34	1	—	1	—	—	—	—	—	—	—	—	—
33	—	—	—	—	—	—	1	—	1	—	—	—
31	2	2	—	—	—	—	—	—	—	—	—	—
30	31	30	1	—	—	—	24	24	—	—	—	—
29	4	1	3	—	—	—	4	3	1	—	—	—
28	3	2	1	—	—	—	3	2	1	—	—	—
27	5	2	3	—	—	—	12	9	3	—	—	—
26	2	2	—	—	—	—	3	3	—	—	—	—
25	4	3	1	—	—	—	2	2	—	—	—	—
24	8	8	—	—	—	—	5	4	1	—	—	—
23	3	2	1	—	—	—	3	2	1	—	—	—
22	7	7	—	—	—	—	17	16	1	—	—	—
21	21	20	1	—	—	—	9	8	1	—	—	—

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

HUDSON RIVER, NY, DEEPWATER IN UPPER BAY, NY TO WATERFORD, NY (CONSOLIDATED REPORT) - continued
Upbound Downbound

DOMESTIC

19	49	—	—	3	18	28	13	—	—	1	3	9
≤ 18	101,795	98,383	28	1,036	1,552	796	102,136	98,371	31	753	1,965	1,016
										Total trips:	204,969	

PORT OF ALBANY, NY

Grand Total	Inbound						Outbound					
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
	965	60	13	224	37	631	964	62	14	229	38	621

FOREIGN

Total	74	60	13	1	—	—	80	62	14	2	1	1
34	1	—	1	—	—	—	—	—	—	—	—	—
33	—	—	—	—	—	—	1	—	1	—	—	—
30	7	4	3	—	—	—	15	15	—	—	—	—
29	1	—	1	—	—	—	2	1	1	—	—	—
28	1	—	1	—	—	—	—	1	1	—	—	—
27	5	2	3	—	—	—	4	1	3	—	—	—
26	—	—	—	—	—	—	1	1	—	—	—	—
25	3	2	1	—	—	—	—	—	—	—	—	—
24	5	5	—	—	—	—	3	2	1	—	—	—
23	2	1	1	—	—	—	—	1	1	—	—	—
22	7	7	—	—	—	—	12	11	1	—	—	—
21	19	18	1	—	—	—	7	6	1	—	—	—
20	11	9	1	1	—	—	7	5	2	—	—	—
19	8	8	—	—	—	—	5	5	—	—	—	—
18	2	2	—	—	—	—	8	6	1	—	—	1
17	—	—	—	—	—	—	4	3	1	—	—	—
16	—	—	—	—	—	—	2	2	—	—	—	—
15	—	—	—	—	—	—	1	1	—	—	—	—
14	1	1	—	—	—	—	3	2	—	—	1	—
≤ 12	1	1	—	—	—	—	3	1	—	2	—	—

DOMESTIC

Total	891	—	—	223	37	631	884	—	—	227	37	620
29	—	—	—	—	—	—	10	—	—	—	—	10
28	—	—	—	—	—	—	1	—	—	—	—	1
26	2	—	—	—	—	2	6	—	—	—	—	6
24	6	—	—	—	—	6	6	—	—	—	—	6
23	10	—	—	—	—	10	2	—	—	—	—	2
22	39	—	—	—	—	39	32	—	—	—	—	32
21	31	—	—	—	—	31	8	—	—	—	—	8
20	81	—	—	2	—	79	14	—	—	1	—	13
19	27	—	—	2	—	25	7	—	—	1	—	6
18	13	—	—	—	—	13	1	—	—	—	—	1
17	19	—	—	—	—	19	1	—	—	—	—	1
16	40	—	—	23	—	17	40	—	—	22	8	10
15	8	—	—	—	—	8	1	—	—	—	—	1
14	17	—	—	1	—	16	2	—	—	1	—	1
13	88	—	—	83	—	5	63	—	—	61	—	2
≤ 12	510	—	—	112	37	361	690	—	—	141	29	520
										Total trips:	1,929	

HEMPSTEAD HARBOR, NY

Grand Total	Inbound						Outbound					
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
	493	—	—	96	300	97	493	—	—	95	301	97

DOMESTIC

Total	493	—	—	96	300	97	493	—	—	95	301	97
13	—	—	—	—	—	—	1	—	—	—	1	—
12	1	—	—	—	—	1	35	—	—	—	35	—
11	—	—	—	—	—	—	11	—	—	—	11	—
10	60	—	—	10	—	50	57	—	—	6	51	—
9	10	—	—	3	—	7	77	—	—	7	70	—
8	25	—	—	25	—	—	42	—	—	25	17	—
7	29	—	—	21	—	8	94	—	—	20	74	—
≤ 6	368	—	—	37	300	31	176	—	—	37	42	97
										Total trips:	986	

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
PORT JEFFERSON HARBOR, NY												
	Inbound						Outbound					
Grand Total	9,896	9,565	---	69	131	131	9,889	9,570	---	57	131	131
DOMESTIC												
Total	9,896	9,565	---	69	131	131	9,889	9,570	---	57	131	131
28	6	---	---	---	---	6	---	---	---	---	---	---
25	5	---	---	---	---	5	---	---	---	---	---	---
23	2	---	---	---	---	2	---	---	---	---	---	---
22	1	---	---	---	---	1	---	---	---	---	---	---
21	2	---	---	---	---	2	---	---	---	---	---	---
20	4	---	---	2	---	2	2	---	---	2	---	---
19	2	---	---	---	---	2	4	---	---	---	---	4
18	25	---	---	---	---	25	---	---	---	---	---	---
17	26	---	---	---	---	26	---	---	---	---	---	---
16	26	---	---	19	---	7	15	---	---	13	---	2
15	12	---	---	7	---	5	7	---	---	7	---	---
14	14	---	---	---	---	14	---	---	---	---	---	---
13	16	---	---	12	---	4	13	---	---	10	---	3
≤ 12	9,755	9,565	---	29	131	30	9,848	9,570	---	25	131	122
										Total trips:		19,785
BROWNS CREEK, NY (7 feet and less)												
	Upbound						Downbound					
Grand Total	10,829	10,829	---	---	---	---	10,832	10,832	---	---	---	---
										Total trips:		21,661
BURLINGTON HARBOR, VT (8 feet and less)												
	Inbound						Outbound					
Grand Total	736	736	---	---	---	---	736	736	---	---	---	---
										Total trips:		1,472
CHEESEQUAKE CREEK, NJ No Vessel Trips Reported												
CONEY ISLAND CREEK, NY (14 feet and less)												
	Upbound						Downbound					
Grand Total	1	---	---	1	---	---	1	---	---	1	---	---
										Total trips:		2
EAST ROCKAWAY INLET, NY (6 feet and less)												
	Upbound						Downbound					
Grand Total	1	---	---	---	---	1	1	---	---	---	---	1
										Total trips:		2
ECHO BAY HARBOR, NY No Vessel Trips Reported												
ELIZABETH RIVER, NJ No Vessel Trips Reported												
FIRE ISLAND INLET, NY No Vessel Trips Reported												

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
GLEN COVE CREEK, NY (12 feet and less)												
				Upbound						Downbound		
Grand Total	115	---	---	52	63	---	106	---	---	54	52	---
										Total trips:		221
GLEN COVE HARBOR, NY No Vessel Trips Reported												
GREAT KILLS HARBOR, STATEN ISLAND, NY No Vessel Trips Reported												
GREAT SOUTH BAY, NY (7 feet and less)												
				Upbound						Downbound		
Grand Total	10,832	10,830	---	---	---	2	10,875	10,874	---	---	---	1
										Total trips:		21,707
GREENPORT HARBOR, NY (7 feet and less)												
				Inbound						Outbound		
Grand Total	29,604	29,604	---	---	---	---	29,604	29,604	---	---	---	---
										Total trips:		59,208
HACKENSACK RIVER, NJ (18 feet and less)												
				Upbound						Downbound		
Grand Total	43	---	---	1	---	42	47	---	---	1	---	46
										Total trips:		90
HARLEM RIVER, NY No Vessel Trips Reported												
HUNTINGTON HARBOR, NY No Vessel Trips Reported												
JONES INLET, NY (3 feet and less)												
				Upbound						Downbound		
Grand Total	1	---	---	---	---	1	---	---	---	---	---	---
										Total trips:		1
KEYPORT HARBOR, NJ No Vessel Trips Reported												
LAKE MONTAUK HARBOR, NY No Vessel Trips Reported												
LARCHMONT HARBOR, NY No Vessel Trips Reported												
LEMON CREEK, STATEN ISLAND, NY No Vessel Trips Reported												
LONG ISLAND INTRACOASTAL WATERWAY, NY No Vessel Trips Reported												

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
MAMARONECK HARBOR, NY (6 feet and less)												
				Upbound							Downbound	
Grand Total	4	4	---	---	---	---	5	5	---	---	---	---
										Total trips:	---	9
MANHASSET BAY, NY No Vessel Trips Reported												
MATTITUCK HARBOR, NY (6 feet and less)												
				Inbound							Outbound	
Grand Total	1	1	---	---	---	---	1	1	---	---	---	---
										Total trips:	---	2
NARROWS OF LAKE CHAMPLAIN, NY AND VT No Vessel Trips Reported												
NEW ROCHELLE HARBOR, NY No Vessel Trips Reported												
NORTHPORT HARBOR, NY (12 feet and less)												
				Inbound							Outbound	
Grand Total	3	---	---	3	---	---	3	---	---	3	---	---
										Total trips:	---	6
OROWOC CREEK, NY No Vessel Trips Reported												
PATCHOGUE RIVER, NY (6 feet and less)												
				Inbound							Outbound	
Grand Total	19	19	---	---	---	---	19	19	---	---	---	---
										Total trips:	---	38
PECONIC RIVER, NY No Vessel Trips Reported												
PEEKSKILL HARBOR, NY No Vessel Trips Reported												
PORT CHESTER HARBOR, NY (14 feet and less)												
				Upbound							Downbound	
Grand Total	43	---	---	10	---	33	37	---	---	10	---	27
										Total trips:	---	80
PORT HENRY HARBOR, NY No Vessel Trips Reported												
RAHWAY RIVER, NJ No Vessel Trips Reported												

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
RONDOUT HARBOR, NY (10 feet and less)												
				Inbound						Outbound		
Grand Total	3	---	---	1	---	2	4	---	---	1	1	2
										Total trips:		7
ROUSES POINT, NY No Vessel Trips Reported												
SAG HARBOR, NY (6 feet and less)												
				Inbound						Outbound		
Grand Total	44,402	44,402	---	---	---	---	44,402	44,402	---	---	---	---
										Total trips:		88,804
SANDY HOOK BAY AT LEONARDO, NJ No Vessel Trips Reported												
SANDY HOOK BAY, NJ (12 feet and less)												
				Upbound						Downbound		
Grand Total	1	---	---	---	---	1	2	---	---	1	---	1
										Total trips:		3
SANDY HOOK CHANNEL, NY No Vessel Trips Reported												
SAUGERTIES HARBOR, NY No Vessel Trips Reported												
SHARK RIVER, NJ No Vessel Trips Reported												
SHEEPSHEAD BAY, NY No Vessel Trips Reported												
SHINNECOCK INLET, NY No Vessel Trips Reported												
SHOAL HARBOR AND COMPTON CREEK, NJ (14 feet and less)												
				Upbound						Downbound		
Grand Total	4,356	4,356	---	---	---	---	4,356	4,356	---	---	---	---
										Total trips:		8,712
SHREWSBURY RIVER, NJ (3 feet and less)												
				Upbound						Downbound		
Grand Total	432	432	---	---	---	---	432	432	---	---	---	---
										Total trips:		864
TARRYTOWN HARBOR, NY (11 feet and less)												
				Inbound						Outbound		
Grand Total	48	---	---	16	31	1	48	---	---	16	31	1
										Total trips:		96
WALLABOUT CHANNEL, NY No Vessel Trips Reported												

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
WAYCAKE CREEK, NJ												
No Vessel Trips Reported												
WESTCHESTER CREEK, NY												
(14 feet and less)												
				Upbound							Downbound	
Grand Total	76	---	---	---	---	76	73	---	---	---	---	73
										Total trips:	---	149
GOWANUS CANAL, NY												
(14 feet and less)												
				Upbound							Downbound	
Grand Total	155	---	---	43	82	30	155	---	---	45	82	28
										Total trips:	82	310
GRAVESEND BAY, NY												
(40 feet and less)												
				Upbound							Downbound	
Grand Total	91	1	9	34	---	47	79	---	9	23	---	47
										Total trips:	---	170
LONG ISLAND SOUND AT CITY ISLAND, NY												
No Vessel Trips Reported												
SANDY HOOK BAY, NJ												
(3 feet and less)												
				Upbound							Downbound	
Grand Total	432	432	---	---	---	---	432	432	---	---	---	---
										Total trips:	---	864

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

DELAWARE RIVER BETWEEN PHILADELPHIA, PA, AND TRENTON, NJ

	Upbound						Downbound					
Grand Total	2,047	151	64	722	100	1,010	2,162	154	66	722	107	1,113

FOREIGN

Total	201	150	50	1	---	---	196	146	50	---	---	---
42	1	1	---	---	---	---	---	---	---	---	---	---
41	7	6	1	---	---	---	1	1	---	---	---	---
40	2	1	1	---	---	---	---	---	---	---	---	---
39	21	19	2	---	---	---	2	2	---	---	---	---
38	6	3	3	---	---	---	---	---	---	---	---	---
37	4	4	---	---	---	---	2	2	---	---	---	---
36	1	---	1	---	---	---	2	2	---	---	---	---
35	8	7	1	---	---	---	6	5	1	---	---	---
34	6	6	---	---	---	---	7	7	---	---	---	---
33	13	12	1	---	---	---	7	5	2	---	---	---
32	15	12	3	---	---	---	17	10	7	---	---	---
31	14	8	6	---	---	---	20	14	6	---	---	---
30	18	14	4	---	---	---	21	15	6	---	---	---
29	8	4	4	---	---	---	14	8	6	---	---	---
28	9	7	2	---	---	---	8	6	2	---	---	---
27	8	3	5	---	---	---	10	7	3	---	---	---
26	10	6	4	---	---	---	7	4	3	---	---	---
25	7	5	2	---	---	---	13	6	7	---	---	---
24	9	6	3	---	---	---	12	10	2	---	---	---
23	3	2	1	---	---	---	17	16	1	---	---	---
22	7	6	1	---	---	---	10	9	1	---	---	---
21	8	5	2	1	---	---	9	7	2	---	---	---
20	8	6	2	---	---	---	3	3	---	---	---	---
19	2	1	1	---	---	---	4	3	1	---	---	---
18	2	2	---	---	---	---	1	1	---	---	---	---
17	---	---	---	---	---	---	1	1	---	---	---	---
16	3	3	---	---	---	---	---	---	---	---	---	---
14	1	1	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	1	1	---	---	---	---
≤ 12	---	---	---	---	---	---	1	1	---	---	---	---

DOMESTIC

Total	1,846	1	14	721	100	1,010	1,966	8	16	722	107	1,113
34	1	---	1	---	---	---	---	---	---	---	---	---
33	1	---	1	---	---	---	---	---	---	---	---	---
32	1	---	1	---	---	---	2	---	2	---	---	---
31	4	---	4	---	---	---	4	---	4	---	---	---
30	3	---	3	---	---	---	6	---	6	---	---	---
29	---	---	---	---	---	---	1	---	1	---	---	---
28	1	---	---	---	---	1	1	---	---	---	---	1
27	3	---	1	---	2	---	2	---	2	---	---	---
26	1	---	---	---	---	1	---	---	---	---	---	---
25	---	---	---	---	---	---	3	---	---	---	---	3
24	1	---	---	---	1	---	1	---	---	---	---	1
22	1	---	---	---	---	1	1	---	---	---	---	1
21	3	---	2	---	---	---	---	---	---	---	---	---
20	3	---	1	---	---	2	5	---	1	---	4	---
18	2	---	---	---	---	2	1	---	---	---	---	1
17	21	---	---	---	---	21	6	---	---	---	---	6
16	17	---	---	---	---	17	45	---	---	---	---	45
15	3	---	---	1	2	---	10	---	---	7	1	2
14	30	---	---	---	---	30	18	---	---	---	---	18
13	5	---	---	1	---	4	2	---	---	2	---	---
≤ 12	1,745	1	---	719	95	930	1,858	8	---	713	102	1,035
										Total trips:		4,209

DELAWARE RIVER, PHILADELPHIA, PA (TO THE SEA)

	Upbound						Downbound					
Grand Total	24,015	17,008	699	2,217	428	3,663	24,025	17,010	704	2,218	428	3,665

FOREIGN

Total	2,275	1,632	639	3	---	1	2,285	1,635	644	4	---	2
46	107	2	105	---	---	---	9	---	9	---	---	---
45	3	---	3	---	---	---	1	---	1	---	---	---
44	2	---	2	---	---	---	---	---	---	---	---	---
43	4	---	4	---	---	---	---	---	---	---	---	---

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

DELAWARE RIVER, PHILADELPHIA, PA (TO THE SEA) - continued
Upbound

Downbound

FOREIGN

42	5	1	4	—	—	—	—	—	—	—	—	—
41	13	6	7	—	—	—	3	2	1	—	—	—
40	59	15	44	—	—	—	34	3	31	—	—	—
39	75	36	39	—	—	—	22	6	16	—	—	—
38	54	26	28	—	—	—	17	7	10	—	—	—
37	96	62	34	—	—	—	56	44	12	—	—	—
36	102	78	24	—	—	—	95	86	9	—	—	—
35	106	92	14	—	—	—	80	74	6	—	—	—
34	107	94	13	—	—	—	64	58	6	—	—	—
33	113	102	11	—	—	—	102	88	14	—	—	—
32	138	117	21	—	—	—	103	64	39	—	—	—
31	145	120	25	—	—	—	213	150	63	—	—	—
30	190	164	26	—	—	—	201	117	84	—	—	—
29	154	116	38	—	—	—	140	94	46	—	—	—
28	169	138	31	—	—	—	174	112	62	—	—	—
27	120	80	40	—	—	—	186	66	120	—	—	—
26	105	77	28	—	—	—	114	86	28	—	—	—
25	123	91	32	—	—	—	149	128	21	—	—	—
24	69	45	24	—	—	—	130	100	30	—	—	—
23	50	30	19	—	—	1	122	99	23	—	—	—
22	38	34	4	—	—	—	51	45	5	1	—	—
21	36	29	6	1	—	—	61	57	2	2	—	—
20	17	13	4	—	—	—	32	30	2	—	—	—
19	14	9	4	1	—	—	36	32	3	—	—	1
≤ 18	61	55	5	1	—	—	90	87	1	1	—	1

DOMESTIC

Total	21,740	15,376	60	2,214	428	3,662	21,740	15,375	60	2,214	428	3,663
40	4	—	4	—	—	—	—	—	—	—	—	—
39	3	—	2	—	—	1	—	—	—	—	—	—
38	15	—	13	—	—	2	3	—	3	—	—	—
37	8	—	4	—	—	4	—	—	—	—	—	—
36	34	—	2	—	—	32	1	—	1	—	—	—
35	43	—	2	—	—	41	3	1	2	—	—	—
34	22	—	2	—	—	20	—	—	—	—	—	—
33	31	—	1	—	—	30	1	—	1	—	—	—
32	19	—	1	—	—	18	2	—	2	—	—	—
31	23	—	7	—	—	16	8	—	8	—	—	—
30	16	—	3	—	—	13	7	—	7	—	—	—
29	28	—	—	—	—	28	15	—	1	—	—	14
28	19	—	—	—	—	19	11	—	—	—	—	11
27	24	—	1	—	2	21	5	—	1	—	—	4
26	179	—	1	154	—	24	314	—	—	291	2	21
25	9	—	—	—	—	9	5	—	—	—	—	5
24	16	—	—	—	1	15	40	—	—	—	—	40
23	17	—	—	—	1	16	27	—	—	—	9	18
22	25	—	5	—	—	20	58	—	9	—	12	37
21	42	—	2	—	—	40	68	—	—	—	1	67
20	30	—	3	6	1	20	87	—	2	9	31	45
19	17	—	—	2	2	13	90	—	—	1	22	67
≤ 18	21,116	15,376	7	2,052	421	3,260	20,995	15,374	23	1,913	351	3,334
										Total trips:		48,040

DELAWARE RIVER AT CAMDEN, NJ

Grand Total	Inbound				Outbound						
	4,695	3,243	11	490	131	820	4,697	3,248	10	488	131

FOREIGN

Total	337	325	11	1	—	—	337	327	10	—	—	—
41	1	—	1	—	—	—	—	—	—	—	—	—
40	11	10	1	—	—	—	—	—	—	—	—	—
39	8	8	—	—	—	—	1	1	—	—	—	—
38	12	9	3	—	—	—	1	1	—	—	—	—
37	3	3	—	—	—	—	5	5	—	—	—	—
36	4	4	—	—	—	—	8	8	—	—	—	—
35	4	3	1	—	—	—	4	3	1	—	—	—
34	5	5	—	—	—	—	2	2	—	—	—	—
33	7	7	—	—	—	—	4	4	—	—	—	—
32	37	37	—	—	—	—	4	3	1	—	—	—
31	27	27	—	—	—	—	4	4	—	—	—	—

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

DELAWARE RIVER AT CAMDEN, NJ - continued
Inbound

Outbound

FOREIGN

30	36	35	1	—	—	—	9	7	2	—	—	—
29	26	26	—	—	—	—	18	16	2	—	—	—
28	38	38	—	—	—	—	21	21	—	—	—	—
27	17	16	1	—	—	—	10	9	1	—	—	—
26	25	23	2	—	—	—	30	29	1	—	—	—
25	27	27	—	—	—	—	63	62	1	—	—	—
24	20	19	1	—	—	—	62	61	1	—	—	—
23	4	4	—	—	—	—	30	30	—	—	—	—
22	11	11	—	—	—	—	15	15	—	—	—	—
21	10	9	—	1	—	—	11	11	—	—	—	—
20	1	1	—	—	—	—	8	8	—	—	—	—
19	2	2	—	—	—	—	16	16	—	—	—	—
≤ 18	1	1	—	—	—	—	11	11	—	—	—	—

DOMESTIC

Total	4,358	2,918	—	489	131	820	4,360	2,921	—	488	131	820
28	1	—	—	—	—	1	1	—	—	—	—	1
26	1	—	—	—	—	1	—	—	—	—	—	—
25	1	—	—	—	—	1	2	—	—	—	—	2
21	5	—	—	—	—	5	—	—	—	—	—	—
20	2	—	—	1	—	—	2	—	—	1	—	—
≤ 18	4,348	2,918	—	488	131	811	4,355	2,921	—	487	130	817
											Total trips:	9,392

DELAWARE RIVER, TRENTON, NJ TO THE SEA (CONSOLIDATED REPORT)

Upbound

Downbound

Grand Total	24,157	17,008	700	2,333	428	3,688	24,165	17,010	704	2,334	428	3,689
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FOREIGN

Total	2,275	1,632	639	3	—	1	2,285	1,635	644	4	—	2
50	47	1	46	—	—	—	1	—	1	—	—	—
49	8	—	8	—	—	—	—	—	—	—	—	—
48	5	—	5	—	—	—	—	—	—	—	—	—
47	2	—	2	—	—	—	—	—	—	—	—	—
46	45	1	44	—	—	—	8	—	8	—	—	—
45	3	—	3	—	—	—	1	—	1	—	—	—
44	2	—	2	—	—	—	—	—	—	—	—	—
43	4	—	4	—	—	—	—	—	—	—	—	—
42	5	1	4	—	—	—	—	—	—	—	—	—
41	13	6	7	—	—	—	3	2	1	—	—	—
40	59	15	44	—	—	—	34	3	31	—	—	—
39	75	36	39	—	—	—	22	6	16	—	—	—
38	54	26	28	—	—	—	17	7	10	—	—	—
37	96	62	34	—	—	—	56	44	12	—	—	—
36	102	78	24	—	—	—	95	86	9	—	—	—
35	106	92	14	—	—	—	80	74	6	—	—	—
34	107	94	13	—	—	—	64	58	6	—	—	—
33	113	102	11	—	—	—	102	88	14	—	—	—
32	138	117	21	—	—	—	103	64	39	—	—	—
31	145	120	25	—	—	—	213	150	63	—	—	—
30	190	164	26	—	—	—	201	117	84	—	—	—
29	154	116	38	—	—	—	140	94	46	—	—	—
28	169	138	31	—	—	—	174	112	62	—	—	—
27	120	80	40	—	—	—	186	66	120	—	—	—
26	105	77	28	—	—	—	114	86	28	—	—	—
25	123	91	32	—	—	—	149	128	21	—	—	—
24	69	45	24	—	—	—	130	100	30	—	—	—
23	50	30	19	—	—	1	122	99	23	—	—	—
22	38	34	4	—	—	—	51	45	5	1	—	—
21	36	29	6	1	—	—	61	57	2	2	—	—
20	17	13	4	—	—	—	32	30	2	—	—	—
19	14	9	4	1	—	—	36	32	3	—	—	1
≤ 18	61	55	5	1	—	—	90	87	1	1	—	1

DOMESTIC

Total	21,882	15,376	61	2,330	428	3,687	21,880	15,375	60	2,330	428	3,687
40	4	—	4	—	—	—	—	—	—	—	—	—
39	3	—	2	—	—	1	—	—	—	—	—	—
38	15	—	13	—	—	2	3	—	3	—	—	—

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

DELAWARE RIVER, TRENTON, NJ TO THE SEA (CONSOLIDATED REPORT) - continued

	Upbound						Downbound					
DOMESTIC												
37	8	—	4	—	—	4	—	—	—	—	—	—
36	34	—	2	—	—	32	1	—	1	—	—	—
35	43	—	2	—	—	41	3	1	2	—	—	—
34	22	—	2	—	—	20	—	—	—	—	—	—
33	31	—	1	—	—	30	1	—	1	—	—	—
32	19	—	1	—	—	18	2	—	2	—	—	—
31	23	—	7	—	—	16	8	—	8	—	—	—
30	16	—	3	—	—	13	7	—	7	—	—	—
29	28	—	—	—	—	28	15	—	1	—	—	14
28	19	—	—	—	—	19	11	—	—	—	—	11
27	24	—	1	—	2	21	6	—	2	—	—	4
26	179	—	1	154	—	24	314	—	—	291	2	21
25	9	—	—	—	—	9	5	—	—	—	—	5
24	16	—	—	—	1	15	40	—	—	—	—	40
23	17	—	—	—	1	16	27	—	—	—	9	18
22	25	—	5	—	—	20	58	—	9	—	12	37
21	42	—	2	—	—	40	68	—	—	—	1	67
20	30	—	3	6	1	20	87	—	2	9	31	45
19	17	—	—	2	2	13	90	—	—	1	22	67
≤ 18	21,258	15,376	8	2,168	421	3,285	21,134	15,374	22	2,029	351	3,358
										Total trips:		48,322

SCHUYLKILL RIVER, PA

	Upbound						Downbound					
Grand Total	1,109	12	8	319	—	770	1,144	14	9	319	1	801
FOREIGN												
Total	7	—	7	—	—	—	8	—	8	—	—	—
31	2	—	2	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	1	—	1	—	—	—
28	2	—	2	—	—	—	1	—	1	—	—	—
27	—	—	—	—	—	—	1	—	1	—	—	—
26	—	—	—	—	—	—	1	—	1	—	—	—
24	1	—	1	—	—	—	2	—	2	—	—	—
20	1	—	1	—	—	—	1	—	1	—	—	—
19	1	—	1	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	1	—	1	—	—	—
DOMESTIC												
Total	1,102	12	1	319	—	770	1,136	14	1	319	1	801
35	1	—	1	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	4	—	—	—	—	4
28	—	—	—	—	—	—	3	—	—	—	—	3
27	—	—	—	—	—	—	1	—	—	—	—	1
26	—	—	—	—	—	—	4	—	—	—	—	4
25	—	—	—	—	—	—	1	—	—	—	—	1
24	—	—	—	—	—	—	3	—	—	—	—	3
23	—	—	—	—	—	—	1	—	—	—	—	1
21	3	—	—	—	—	3	9	—	—	—	—	9
20	3	—	—	2	—	1	6	—	1	2	—	3
19	—	—	—	—	—	—	4	—	—	—	—	4
18	4	—	—	—	—	4	29	—	—	—	—	29
17	3	—	—	—	—	3	4	—	—	—	—	4
16	5	—	—	—	—	5	36	—	—	—	—	36
15	9	—	—	6	—	3	4	—	—	3	—	1
14	8	—	—	—	—	8	13	—	—	—	—	13
13	8	—	—	4	—	4	10	—	—	6	—	4
≤ 12	1,058	12	—	307	—	739	1,004	14	—	308	1	681
										Total trips:		2,253

PHILADELPHIA HARBOR, PA

	Inbound						Outbound					
Grand Total	6,552	4,030	135	844	124	1,419	6,618	4,039	182	861	125	1,411
FOREIGN												
Total	814	698	116	—	—	—	859	695	164	—	—	—

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

PHILADELPHIA HARBOR, PA - continued

Inbound

Outbound

FOREIGN

46	19	—	19	—	—	—	2	—	2	—	—	—
44	1	—	1	—	—	—	—	—	—	—	—	—
43	2	—	2	—	—	—	—	—	—	—	—	—
42	2	1	1	—	—	—	—	—	—	—	—	—
41	7	6	1	—	—	—	3	2	1	—	—	—
40	5	5	—	—	—	—	4	3	1	—	—	—
39	13	11	2	—	—	—	5	3	2	—	—	—
38	7	7	—	—	—	—	4	4	—	—	—	—
37	43	42	1	—	—	—	26	26	—	—	—	—
36	54	53	1	—	—	—	45	45	—	—	—	—
35	69	68	1	—	—	—	64	64	—	—	—	—
34	35	34	1	—	—	—	40	40	—	—	—	—
33	37	36	1	—	—	—	35	33	2	—	—	—
32	52	39	13	—	—	—	42	30	12	—	—	—
31	58	46	12	—	—	—	76	56	20	—	—	—
30	106	98	8	—	—	—	91	75	16	—	—	—
29	66	47	19	—	—	—	49	39	10	—	—	—
28	72	65	7	—	—	—	64	53	11	—	—	—
27	40	32	8	—	—	—	91	35	56	—	—	—
26	30	27	3	—	—	—	46	39	7	—	—	—
25	31	28	3	—	—	—	47	37	10	—	—	—
24	15	11	4	—	—	—	24	19	5	—	—	—
23	17	16	1	—	—	—	37	36	1	—	—	—
22	12	10	2	—	—	—	14	12	2	—	—	—
21	8	8	—	—	—	—	23	22	1	—	—	—
20	8	5	3	—	—	—	11	9	2	—	—	—
19	2	—	2	—	—	—	7	5	2	—	—	—
≤ 18	3	3	—	—	—	—	9	8	1	—	—	—

DOMESTIC

Total	5,738	3,332	19	844	124	1,419	5,759	3,344	18	861	125	1,411
38	1	—	—	—	—	1	—	—	—	—	—	—
37	3	—	—	—	—	3	—	—	—	—	—	—
36	26	—	—	—	—	26	—	—	—	—	—	—
35	31	—	1	—	—	30	—	—	—	—	—	—
34	17	—	1	—	—	16	—	—	—	—	—	—
33	22	—	1	—	—	21	—	—	—	—	—	—
32	13	—	1	—	—	12	2	—	2	—	—	—
31	13	—	4	—	—	9	4	—	4	—	—	—
30	4	—	3	—	—	1	6	—	6	—	—	—
29	5	—	—	—	—	5	5	—	1	—	—	4
28	2	—	—	—	—	2	3	—	—	—	—	3
27	2	—	1	—	—	1	3	—	2	—	—	1
26	84	—	—	84	—	—	144	—	—	140	—	4
25	2	—	—	—	—	2	1	—	—	—	—	1
24	2	—	—	—	—	2	21	—	—	—	—	21
23	5	—	—	—	—	5	1	—	—	—	—	1
22	1	—	—	—	—	1	1	—	—	—	—	1
21	18	—	2	—	—	16	9	—	—	—	—	9
20	4	—	1	2	—	1	7	—	2	2	—	3
19	2	—	—	—	—	2	5	—	—	—	—	5
≤ 18	5,481	3,332	4	758	124	1,263	5,547	3,344	1	719	125	1,358
										Total trips:		13,170

WILMINGTON HARBOR, DE

Inbound

Outbound

Grand Total	1,133	305	30	260	5	533	1,092	309	33	260	4	486
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FOREIGN

Total	331	300	30	1	—	—	338	304	33	1	—	—
45	2	1	1	—	—	—	—	—	—	—	—	—
40	2	—	2	—	—	—	2	—	2	—	—	—
39	—	—	—	—	—	—	1	—	1	—	—	—
38	7	7	—	—	—	—	3	2	1	—	—	—
37	3	3	—	—	—	—	2	2	—	—	—	—
36	6	6	—	—	—	—	15	14	1	—	—	—
35	14	12	2	—	—	—	7	7	—	—	—	—
34	40	40	—	—	—	—	11	10	1	—	—	—
33	28	27	1	—	—	—	49	48	1	—	—	—
32	26	24	2	—	—	—	28	27	1	—	—	—

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
WILMINGTON HARBOR, DE - continued												
	Inbound						Outbound					
FOREIGN												
31	21	18	3	—	—	—	31	28	3	—	—	—
30	14	14	—	—	—	—	14	11	3	—	—	—
29	30	26	4	—	—	—	28	26	2	—	—	—
28	22	20	2	—	—	—	33	28	5	—	—	—
27	22	19	3	—	—	—	14	9	5	—	—	—
26	17	14	3	—	—	—	11	9	2	—	—	—
25	34	33	1	—	—	—	16	14	2	—	—	—
24	10	7	3	—	—	—	12	9	3	—	—	—
23	7	6	1	—	—	—	9	9	—	—	—	—
22	5	5	—	—	—	—	10	9	—	1	—	—
21	9	8	1	—	—	—	10	10	—	—	—	—
20	2	2	—	—	—	—	7	7	—	—	—	—
19	6	6	—	—	—	—	5	5	—	—	—	—
≤ 18	4	2	1	1	—	—	20	20	—	—	—	—
DOMESTIC												
Total	802	5	—	259	5	533	754	5	—	259	4	486
28	—	—	—	—	—	—	1	—	—	—	—	1
27	1	—	—	—	—	1	—	—	—	—	—	—
26	1	—	—	—	—	1	—	—	—	—	—	—
21	2	—	—	—	—	2	2	—	—	—	—	2
20	4	—	—	—	—	4	1	—	—	—	1	—
19	—	—	—	—	—	—	1	—	—	—	—	1
≤ 18	794	5	—	259	5	525	749	5	—	259	3	482
											Total trips:	2,225

INLAND WATERWAY FROM DELAWARE RIVER TO CHESAPEAKE BAY, DE AND MD - CHESAPEAKE AND DELAWARE CANAL

Grand Total	Upbound						Downbound					
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
Grand Total	2,448	137	52	589	945	725	3,218	66	38	1,177	1,252	685
FOREIGN												
Total	161	133	9	7	—	12	88	64	7	4	—	13
32	12	11	1	—	—	—	9	9	—	—	—	—
31	4	4	—	—	—	—	2	2	—	—	—	—
30	6	5	1	—	—	—	5	4	1	—	—	—
29	18	16	2	—	—	—	16	16	—	—	—	—
28	26	25	1	—	—	—	7	5	2	—	—	—
27	31	29	2	—	—	—	9	9	—	—	—	—
26	15	15	—	—	—	—	5	4	1	—	—	—
25	8	4	—	1	—	3	5	2	1	—	—	2
24	4	4	—	—	—	—	8	3	—	—	—	5
23	6	6	—	—	—	—	2	2	—	—	—	—
22	4	4	—	—	—	—	1	—	1	—	—	—
21	5	4	1	—	—	—	4	3	1	—	—	—
20	2	1	1	—	—	—	—	—	—	—	—	—
18	1	1	—	—	—	—	2	—	—	—	—	2
17	1	1	—	—	—	—	—	—	—	—	—	—
16	17	3	—	5	—	9	11	3	—	4	—	4
15	1	—	—	1	—	—	1	1	—	—	—	—
≤ 12	—	—	—	—	—	—	1	1	—	—	—	—
DOMESTIC												
Total	2,287	4	43	582	945	713	3,130	2	31	1,173	1,252	672
32	27	1	26	—	—	—	3	—	3	—	—	—
31	4	—	4	—	—	—	6	—	6	—	—	—
30	7	—	4	—	—	3	6	—	5	—	—	1
29	4	—	—	—	—	4	9	—	1	—	—	8
28	3	—	—	—	—	3	7	—	—	—	—	7
27	4	—	1	—	2	1	4	—	1	—	—	3
26	4	—	1	—	2	1	2	—	—	—	—	2
25	—	—	—	—	—	—	1	—	—	—	—	1
24	1	—	—	—	1	—	2	—	—	—	—	2
23	9	—	—	—	9	—	4	—	—	—	1	3
22	13	—	—	—	12	1	14	—	3	—	—	11
21	5	—	2	—	1	2	22	—	—	—	—	22
20	42	—	2	—	25	15	18	—	2	—	4	12
19	39	—	—	—	22	17	22	—	—	—	2	20
18	18	—	—	—	17	1	42	—	2	1	1	38
17	35	—	—	12	14	9	49	—	—	5	8	36

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels			Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	

INLAND WATERWAY FROM DELAWARE RIVER TO CHESAPEAKE BAY, DE AND MD - CHESAPEAKE AND DELAWARE CANAL - continued

Upbound							Downbound					
DOMESTIC												
16	25	—	—	19	2	4	84	—	—	13	1	70
15	16	—	—	11	2	3	15	—	—	4	3	8
14	45	—	—	4	—	41	50	—	—	3	2	45
13	24	—	—	21	—	3	44	—	—	22	11	11
≤ 12	1,962	3	3	515	836	605	2,726	2	8	1,125	1,219	372
Total trips:											5,666	

ABSECON CREEK, NJ
No Vessel Trips Reported

ABSECON INLET, NJ
(12 feet and less)

Upbound							Downbound					
Grand Total	1	—	—	—	1	—	3	—	—	—	3	—
Total trips:											4	

ALLOWAY CREEK, NJ
No Vessel Trips Reported

APPOQUINIMINK RIVER, DE
No Vessel Trips Reported

BARNEGAT INLET, NJ
(10 feet and less)

Upbound							Downbound					
Grand Total	1	—	—	1	—	—	1	—	—	1	—	—
Total trips:											2	

BIG TIMBER CREEK, NJ
No Vessel Trips Reported

BROADKILL RIVER, DE
No Vessel Trips Reported

CAPE MAY CANAL, NJ
(8 feet and less)

Upbound							Downbound					
Grand Total	2,626	2,626	—	—	—	—	2,626	2,626	—	—	—	—
Total trips:											5,252	

COHANSEY RIVER, NJ
No Vessel Trips Reported

COLD SPRING INLET, NJ
(2 feet and less)

Upbound							Downbound					
Grand Total	1	—	—	—	1	—	—	—	—	—	—	—
Total trips:											1	

COOPER RIVER, NJ
No Vessel Trips Reported

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
HARBOR OF REFUGE, DELAWARE BAY, DE (12 feet and less)												
				Inbound							Outbound	
Grand Total	2,626	2,626	---	---	---	---	2,626	2,626	---	---	---	---
										Total trips:		5,252
HOPE CREEK, NJ No Vessel Trips Reported												
INDIAN RIVER INLET AND BAY, DE No Vessel Trips Reported												
INLAND WATERWAY BETWEEN REHOBOTH BAY AND DELAWARE BAY, DE No Vessel Trips Reported												
LEIPSIC RIVER, DE No Vessel Trips Reported												
LITTLE EGG HARBOR, NJ No Vessel Trips Reported												
LITTLE RIVER, DE No Vessel Trips Reported												
MANASQUAN RIVER, NJ No Vessel Trips Reported												
MANTUA CREEK, NJ No Vessel Trips Reported												
MAURICE RIVER, NJ No Vessel Trips Reported												
MISPILLION RIVER, DE (8 feet and less)												
				Upbound							Downbound	
Grand Total	5,475	5,475	---	---	---	---	5,475	5,475	---	---	---	---
										Total trips:		10,950
MURDERKILL RIVER, DE No Vessel Trips Reported												
NEW JERSEY INTRACOASTAL WATERWAY (10 feet and less)												
				Upbound							Downbound	
Grand Total	2,628	2,626	---	1	1	---	2,629	2,626	---	1	2	---
										Total trips:		5,257
OLDMANS CREEK, NJ No Vessel Trips Reported												
PEPPER CREEK, DE No Vessel Trips Reported												
RACCOON CREEK, NJ No Vessel Trips Reported												

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
SALEM RIVER, NJ (14 feet and less)												
	Upbound						Downbound					
Grand Total	53	42	---	5	6	---	56	42	---	5	9	---
											Total trips:	109
SMYRNA RIVER, DE No Vessel Trips Reported												
ST. JONES RIVER, DE No Vessel Trips Reported												
TOMS RIVER, NJ No Vessel Trips Reported												
TRENTON HARBOR, NJ No Vessel Trips Reported												
TUCKERTON CREEK, NJ No Vessel Trips Reported												
WATERWAY FROM INDIAN RIVER INLET TO REHOBOTH BAY, DE No Vessel Trips Reported												
CHESTER AREA, PA												
	Inbound						Outbound					
Grand Total	244	155	---	11	1	77	242	153	---	11	---	78
FOREIGN												
Total	155	155	---	---	---	---	153	153	---	---	---	---
37	12	12	---	---	---	---	10	10	---	---	---	---
36	15	15	---	---	---	---	17	17	---	---	---	---
35	2	2	---	---	---	---	---	---	---	---	---	---
34	11	11	---	---	---	---	1	1	---	---	---	---
33	23	23	---	---	---	---	---	---	---	---	---	---
32	10	10	---	---	---	---	1	1	---	---	---	---
31	26	26	---	---	---	---	57	57	---	---	---	---
30	11	11	---	---	---	---	17	17	---	---	---	---
29	8	8	---	---	---	---	2	2	---	---	---	---
28	10	10	---	---	---	---	4	4	---	---	---	---
27	10	10	---	---	---	---	7	7	---	---	---	---
26	5	5	---	---	---	---	9	9	---	---	---	---
25	---	---	---	---	---	---	7	7	---	---	---	---
24	3	3	---	---	---	---	1	1	---	---	---	---
23	3	3	---	---	---	---	8	8	---	---	---	---
22	3	3	---	---	---	---	1	1	---	---	---	---
21	1	1	---	---	---	---	5	5	---	---	---	---
20	1	1	---	---	---	---	2	2	---	---	---	---
19	---	---	---	---	---	---	2	2	---	---	---	---
18	---	---	---	---	---	---	2	2	---	---	---	---
16	1	1	---	---	---	---	---	---	---	---	---	---
DOMESTIC												
Total	89	---	---	11	1	77	89	---	---	11	---	78
26	---	---	---	---	---	---	17	---	---	---	---	17
19	1	---	---	1	---	---	1	---	---	---	---	1
18	---	---	---	---	---	---	1	---	---	1	---	---
14	1	---	---	---	---	1	---	---	---	---	---	---
12	3	---	---	3	---	---	---	---	---	---	---	---
11	2	---	---	2	---	---	10	---	---	10	---	---
9	---	---	---	---	---	---	7	---	---	---	---	7
7	---	---	---	---	---	---	32	---	---	---	---	32
4	1	---	---	---	---	1	---	---	---	---	---	---
3	33	---	---	4	---	29	2	---	---	---	---	2
2	48	---	---	1	1	46	19	---	---	---	---	19
											Total trips:	486

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
MARCUS HOOK, PA												
Grand Total	3,880	2,191	151	523	7	1,008	3,828	2,146	150	518	4	1,010
				Inbound						Outbound		
FOREIGN												
Total	122	13	109	—	—	—	143	16	127	—	—	—
46	15	—	15	—	—	—	1	—	1	—	—	—
45	—	—	—	—	—	—	1	—	1	—	—	—
44	1	—	1	—	—	—	—	—	—	—	—	—
40	2	—	2	—	—	—	3	—	3	—	—	—
39	2	—	2	—	—	—	3	—	3	—	—	—
38	2	—	2	—	—	—	2	—	2	—	—	—
37	3	—	3	—	—	—	7	—	7	—	—	—
36	8	—	8	—	—	—	2	—	2	—	—	—
35	2	1	1	—	—	—	—	—	—	—	—	—
34	1	—	1	—	—	—	—	—	—	—	—	—
33	6	3	3	—	—	—	6	—	6	—	—	—
32	3	2	1	—	—	—	16	—	16	—	—	—
31	1	—	1	—	—	—	20	1	19	—	—	—
30	5	3	2	—	—	—	17	1	16	—	—	—
29	3	—	3	—	—	—	6	1	5	—	—	—
28	7	1	6	—	—	—	13	1	12	—	—	—
27	6	1	5	—	—	—	22	—	22	—	—	—
26	8	2	6	—	—	—	5	—	5	—	—	—
25	23	—	23	—	—	—	4	3	1	—	—	—
24	10	—	10	—	—	—	5	1	4	—	—	—
23	10	—	10	—	—	—	3	1	2	—	—	—
22	1	—	1	—	—	—	3	3	—	—	—	—
21	2	—	2	—	—	—	2	2	—	—	—	—
20	—	—	—	—	—	—	1	1	—	—	—	—
19	—	—	—	—	—	—	1	1	—	—	—	—
14	1	—	1	—	—	—	—	—	—	—	—	—
DOMESTIC												
Total	3,758	2,178	42	523	7	1,008	3,685	2,130	23	518	4	1,010
40	3	—	3	—	—	—	—	—	—	—	—	—
39	1	—	—	—	—	1	—	—	—	—	—	—
38	9	—	8	—	—	1	—	—	—	—	—	—
37	4	—	3	—	—	1	—	—	—	—	—	—
36	7	—	2	—	—	5	—	—	—	—	—	—
35	9	—	1	—	—	8	—	—	—	—	—	—
34	3	—	1	—	—	2	—	—	—	—	—	—
33	5	—	1	—	—	4	—	—	—	—	—	—
32	2	—	—	—	—	2	—	—	—	—	—	—
31	11	—	4	—	—	7	4	—	3	—	—	1
30	6	—	—	—	—	6	—	—	—	—	—	—
29	23	—	—	—	—	23	1	—	—	—	—	1
28	12	—	—	—	—	12	1	—	—	—	—	1
27	6	—	—	—	—	6	1	—	—	—	—	1
26	67	—	1	42	—	24	87	—	—	85	—	2
25	4	—	—	—	—	4	—	—	—	—	—	—
24	6	—	—	—	—	6	8	—	—	—	—	8
23	5	—	—	—	—	5	4	—	—	—	—	4
22	11	—	4	—	—	7	20	—	9	—	—	11
21	8	—	—	—	—	8	14	—	—	—	—	14
20	2	—	1	—	—	1	8	—	1	—	—	7
19	1	—	—	—	—	1	15	—	—	—	—	15
18	7	—	—	—	—	7	12	—	—	—	—	12
17	11	—	—	—	—	11	66	—	—	—	—	66
16	6	—	—	—	—	6	12	—	—	—	—	12
15	4	—	—	4	—	—	3	—	—	—	—	3
14	115	—	—	—	—	115	184	—	—	—	—	184
13	2	—	—	1	—	1	45	—	—	1	—	44
12	80	3	—	67	—	10	17	1	—	11	—	5
11	233	—	—	210	—	23	73	—	—	32	—	41
10	327	292	1	14	—	20	358	292	1	15	—	50
9	57	—	10	28	—	19	18	—	6	3	—	9
8	47	—	2	5	—	40	8	—	3	2	—	3
7	67	—	—	54	—	13	46	—	—	42	—	4
6	452	432	—	—	—	20	436	433	—	2	—	1
5	580	552	—	—	—	28	635	506	—	97	—	32
4	190	—	—	49	—	141	86	—	—	59	—	27
3	402	147	—	4	—	251	434	146	—	111	—	177
2	973	752	—	45	7	169	1,089	752	—	58	4	275
										Total trips:		7,708

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

NEW CASTLE AREA, DE

Grand Total	Inbound						Outbound					
	2,676	1,818	49	296	16	497	2,711	1,817	58	296	9	531

FOREIGN

Total	45	---	44	---	---	1	52	---	52	---	---	---
46	1	---	1	---	---	---	1	---	1	---	---	---
45	1	---	1	---	---	---	---	---	---	---	---	---
42	2	---	2	---	---	---	---	---	---	---	---	---
41	1	---	1	---	---	---	---	---	---	---	---	---
40	5	---	5	---	---	---	3	---	3	---	---	---
39	3	---	3	---	---	---	---	---	---	---	---	---
38	4	---	4	---	---	---	3	---	3	---	---	---
36	---	---	---	---	---	---	1	---	1	---	---	---
31	1	---	1	---	---	---	3	---	3	---	---	---
30	5	---	5	---	---	---	1	---	1	---	---	---
29	1	---	1	---	---	---	6	---	6	---	---	---
28	4	---	4	---	---	---	9	---	9	---	---	---
27	8	---	8	---	---	---	2	---	2	---	---	---
26	4	---	4	---	---	---	7	---	7	---	---	---
24	---	---	---	---	---	---	7	---	7	---	---	---
23	5	---	4	---	---	1	8	---	8	---	---	---
22	---	---	---	---	---	---	1	---	1	---	---	---

DOMESTIC

Total	2,631	1,818	5	296	16	496	2,659	1,817	6	296	9	531
38	4	---	4	---	---	---	---	---	---	---	---	---
35	1	---	---	---	---	1	---	---	---	---	---	---
29	---	---	---	---	---	---	4	---	---	---	---	4
28	6	---	---	---	---	6	1	---	---	---	---	1
27	9	---	---	---	---	9	1	---	---	---	---	1
26	30	---	---	23	---	7	42	---	---	39	---	3
25	5	---	---	---	---	5	1	---	---	---	---	1
24	3	---	---	---	---	3	8	---	---	---	---	8
23	5	---	---	---	---	5	12	---	---	---	---	12
22	3	---	---	---	---	3	13	---	---	---	---	13
21	1	---	---	---	---	1	9	---	---	---	---	9
20	2	---	---	1	---	1	20	---	---	5	---	15
19	2	---	---	---	---	2	17	---	---	---	---	17
18	8	---	---	---	---	8	17	---	---	---	---	17
17	26	---	---	---	---	26	26	---	---	---	---	26
16	11	---	---	1	---	10	100	---	---	1	---	99
15	6	---	---	2	---	4	6	---	---	---	---	6
14	33	---	---	---	---	33	83	---	---	---	---	83
13	16	---	---	14	---	2	30	---	---	18	---	12
12	16	1	---	13	---	2	17	---	---	6	---	11
11	34	---	---	7	---	27	32	---	---	1	---	31
10	16	---	---	5	---	11	54	---	1	40	---	13
9	12	---	---	7	---	5	25	---	5	3	---	17
8	182	176	1	---	---	5	181	176	---	---	---	5
7	1,694	1,639	---	54	---	1	1,707	1,639	---	50	---	18
6	3	---	---	---	---	3	14	---	---	---	---	14
5	103	1	---	95	---	7	11	1	---	2	---	8
4	212	---	---	9	---	---	203	36	---	6	---	30
3	152	1	---	56	---	95	129	1	---	74	---	54
2	36	---	---	9	16	11	63	---	---	51	9	3
										Total trips:		5,387

PAULSBORO, NJ

Grand Total	Inbound						Outbound					
	1,980	318	242	603	18	799	2,047	318	254	605	34	836

FOREIGN

Total	242	1	240	1	---	---	254	1	248	3	---	2
46	2	---	2	---	---	---	4	---	4	---	---	---
41	3	---	3	---	---	---	---	---	---	---	---	---
40	33	---	33	---	---	---	22	---	22	---	---	---
39	26	---	26	---	---	---	10	---	10	---	---	---
38	18	---	18	---	---	---	4	---	4	---	---	---
37	28	---	28	---	---	---	5	---	5	---	---	---
36	14	---	14	---	---	---	5	---	5	---	---	---
35	10	---	10	---	---	---	5	---	5	---	---	---

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

PAULSBORO, NJ - continued

	Inbound						Outbound					
FOREIGN												
34	11	—	11	—	—	—	5	—	5	—	—	—
33	6	—	6	—	—	—	5	—	5	—	—	—
32	5	—	5	—	—	—	6	—	6	—	—	—
31	7	—	7	—	—	—	17	—	17	—	—	—
30	10	—	10	—	—	—	45	—	45	—	—	—
29	10	—	10	—	—	—	20	—	20	—	—	—
28	10	—	10	—	—	—	25	—	25	—	—	—
27	15	—	15	—	—	—	34	—	34	—	—	—
26	10	—	10	—	—	—	6	—	6	—	—	—
25	5	—	5	—	—	—	5	—	5	—	—	—
24	6	—	6	—	—	—	10	—	10	—	—	—
23	3	—	3	—	—	—	12	—	12	—	—	—
22	1	—	1	—	—	—	2	—	2	—	—	—
21	1	—	1	—	—	—	3	1	—	2	—	—
20	1	—	1	—	—	—	—	—	—	—	—	—
19	3	—	2	1	—	—	2	—	1	—	—	1
18	1	—	1	—	—	—	1	—	—	—	—	1
17	1	—	1	—	—	—	—	—	—	—	—	—
14	1	—	1	—	—	—	—	—	—	—	—	—
13	1	1	—	—	—	—	1	—	—	1	—	—

DOMESTIC

Total	1,738	317	2	602	18	799	1,793	317	6	602	34	834
38	1	—	1	—	—	—	—	—	—	—	—	—
36	1	—	—	—	—	1	—	—	—	—	—	—
35	2	—	—	—	—	2	2	—	2	—	—	—
34	2	—	—	—	—	2	—	—	—	—	—	—
33	5	—	—	—	—	5	1	—	1	—	—	—
32	4	—	—	—	—	4	—	—	—	—	—	—
31	—	—	—	—	—	—	1	—	1	—	—	—
30	5	—	—	—	—	5	—	—	—	—	—	—
29	4	—	—	—	—	4	5	—	—	—	—	5
28	2	—	—	—	—	2	5	—	—	—	—	5
27	3	—	—	—	—	3	—	—	—	—	—	—
26	30	—	—	22	—	8	33	—	—	33	—	—
24	6	—	—	—	—	6	7	—	—	—	—	7
23	1	—	—	—	—	1	2	—	—	—	—	2
22	4	—	—	—	—	4	15	—	1	—	—	14
21	8	—	—	—	—	8	58	—	—	—	—	58
20	7	—	1	2	—	4	15	—	—	3	—	12
19	5	—	—	1	—	4	14	—	—	1	—	13
18	23	—	—	—	—	23	37	—	1	—	—	36
17	50	—	—	—	—	50	60	—	—	—	—	60
16	16	—	—	—	—	16	37	—	—	—	—	37
15	3	—	—	1	—	2	21	—	—	10	—	11
14	54	—	—	—	—	54	74	—	—	—	—	74
13	10	—	—	5	—	5	15	—	—	5	—	10
12	28	2	—	15	—	11	113	3	—	76	—	34
11	61	—	—	23	—	38	47	—	—	8	—	39
10	73	—	—	13	—	60	46	—	—	11	—	35
9	11	—	—	4	—	7	52	—	—	28	—	24
8	26	—	—	22	—	4	52	—	—	12	—	40
7	157	—	—	135	—	22	151	—	—	145	—	6
6	282	3	—	192	—	87	28	3	—	11	—	14
5	278	267	—	—	—	11	271	268	—	—	—	3
4	118	—	—	22	—	96	127	—	—	46	—	81
3	287	8	—	102	—	177	330	8	—	165	—	157
2	171	37	—	43	18	73	174	35	—	48	34	57
Total trips:											4,027	

PENN MANOR AREA, PA

	Inbound						Outbound					
Grand Total	129	90	7	10	14	8	130	90	8	9	15	8
FOREIGN												
Total	97	90	7	—	—	—	98	90	8	—	—	—
39	19	17	2	—	—	—	2	2	—	—	—	—
38	3	3	—	—	—	—	—	—	—	—	—	—
37	2	2	—	—	—	—	1	1	—	—	—	—
36	1	—	1	—	—	—	2	2	—	—	—	—

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
PENN MANOR AREA, PA - continued												
	Inbound						Outbound					
FOREIGN												
35	6	6	—	—	—	—	3	3	—	—	—	—
34	4	4	—	—	—	—	5	5	—	—	—	—
33	6	6	—	—	—	—	3	3	—	—	—	—
32	5	5	—	—	—	—	6	3	3	—	—	—
31	3	2	1	—	—	—	6	5	1	—	—	—
30	4	4	—	—	—	—	6	5	1	—	—	—
29	3	3	—	—	—	—	4	4	—	—	—	—
28	4	3	1	—	—	—	3	3	—	—	—	—
27	2	2	—	—	—	—	4	4	—	—	—	—
26	6	6	—	—	—	—	—	—	—	—	—	—
25	3	3	—	—	—	—	7	5	2	—	—	—
24	5	5	—	—	—	—	9	9	—	—	—	—
23	1	1	—	—	—	—	15	15	—	—	—	—
22	5	5	—	—	—	—	5	5	—	—	—	—
21	5	3	2	—	—	—	7	6	1	—	—	—
20	4	4	—	—	—	—	3	3	—	—	—	—
19	1	1	—	—	—	—	3	3	—	—	—	—
18	2	2	—	—	—	—	1	1	—	—	—	—
17	—	—	—	—	—	—	1	1	—	—	—	—
16	3	3	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	1	1	—	—	—	—
12	—	—	—	—	—	—	1	1	—	—	—	—
DOMESTIC												
Total	32	—	—	10	14	8	32	—	—	9	15	8
27	2	—	—	—	2	—	—	—	—	—	—	—
24	1	—	—	—	1	—	—	—	—	—	—	—
20	1	—	—	—	—	1	4	—	—	—	4	—
17	1	—	—	—	—	1	—	—	—	—	—	—
16	1	—	—	—	—	1	—	—	—	—	—	—
13	1	—	—	1	—	—	1	—	—	1	—	—
12	4	—	—	4	—	—	6	—	—	6	—	—
11	1	—	—	1	—	—	—	—	—	—	—	—
10	1	—	—	—	—	1	—	—	—	—	—	—
8	—	—	—	—	—	—	1	—	—	—	—	1
5	1	—	—	1	—	—	3	—	—	1	2	—
4	—	—	—	—	—	—	2	—	—	—	—	2
3	6	—	—	1	2	3	3	—	—	1	—	2
2	11	—	—	2	8	1	11	—	—	—	8	3
1	1	—	—	—	1	—	1	—	—	—	1	—
Total trips:											259	

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
BALTIMORE HARBOR AND CHANNELS, MD												
	Upbound						Downbound					
Grand Total	4,667	1,758	124	1,190	778	817	4,742	1,809	128	1,142	895	768
FOREIGN												
Total	1,893	1,756	123	7	—	7	1,946	1,806	126	7	1	6
50	—	—	—	—	—	—	1	1	—	—	—	—
48	—	—	—	—	—	—	13	13	—	—	—	—
47	4	4	—	—	—	—	72	71	1	—	—	—
46	15	15	—	—	—	—	19	19	—	—	—	—
45	2	2	—	—	—	—	20	20	—	—	—	—
44	9	9	—	—	—	—	6	6	—	—	—	—
43	6	6	—	—	—	—	11	11	—	—	—	—
42	9	9	—	—	—	—	23	23	—	—	—	—
41	28	28	—	—	—	—	18	17	1	—	—	—
40	34	34	—	—	—	—	21	20	1	—	—	—
39	54	53	1	—	—	—	34	34	—	—	—	—
38	72	72	—	—	—	—	36	36	—	—	—	—
37	32	30	2	—	—	—	16	16	—	—	—	—
36	46	46	—	—	—	—	18	18	—	—	—	—
35	61	58	3	—	—	—	35	35	—	—	—	—
34	52	48	4	—	—	—	30	30	—	—	—	—
33	105	95	9	—	—	1	77	72	5	—	—	—
32	90	81	9	—	—	—	72	72	—	—	—	—
31	81	75	6	—	—	—	73	66	7	—	—	—
30	123	106	17	—	—	—	142	131	11	—	—	—
29	284	270	14	—	—	—	166	155	11	—	—	—
28	151	139	12	—	—	—	314	304	10	—	—	—
27	119	105	14	—	—	—	98	85	13	—	—	—
26	175	168	7	—	—	—	192	181	11	—	—	—
25	75	63	12	—	—	—	77	71	6	—	—	—
24	138	134	3	—	—	1	140	133	7	—	—	—
23	27	27	—	—	—	—	37	29	8	—	—	—
22	17	16	1	—	—	—	31	23	6	—	—	2
21	17	15	2	—	—	—	38	29	9	—	—	—
20	19	13	3	—	—	3	24	18	6	—	—	—
19	4	3	1	—	—	—	9	6	3	—	—	—
≤ 18	44	32	3	7	—	2	83	61	10	7	1	4
DOMESTIC												
Total	2,774	2	1	1,183	778	810	2,796	3	2	1,135	894	762
35	—	—	—	—	—	—	1	1	—	—	—	—
30	—	—	—	—	—	—	1	—	1	—	—	—
29	3	—	—	—	—	3	—	—	—	—	—	—
28	1	—	—	—	—	1	1	—	—	—	—	1
27	2	—	—	—	—	2	1	—	—	—	—	1
26	2	—	—	—	—	2	2	—	—	—	2	—
25	—	—	—	—	—	—	1	—	1	—	—	—
24	2	—	—	—	—	2	—	—	—	—	—	—
23	2	—	—	—	1	1	—	—	—	—	—	—
22	5	—	—	—	1	4	12	—	—	—	11	1
21	14	—	—	—	1	13	40	—	—	—	37	3
20	6	—	—	—	1	5	102	—	—	—	90	12
19	11	—	—	—	1	10	141	—	—	—	139	2
≤ 18	2,726	2	1	1,183	773	767	2,494	2	—	1,135	615	742
										Total trips:		9,409
SUSQUEHANNA RIVER ABOVE AND BELOW HAVRE DE GRACE, MD												
	Upbound						Downbound					
Grand Total	1,226	—	—	370	856	—	1,227	—	—	370	857	—
DOMESTIC												
Total	1,226	—	—	370	856	—	1,227	—	—	370	857	—
11	—	—	—	—	—	—	2	—	—	—	2	—
10	5	—	—	5	—	—	116	—	—	41	75	—
9	10	—	—	10	—	—	287	—	—	235	52	—
8	6	—	—	6	—	—	173	—	—	64	109	—
7	349	—	—	349	—	—	33	—	—	30	3	—
6	—	—	—	—	—	—	219	—	—	—	219	—
5	40	—	—	—	40	—	233	—	—	—	233	—
4	179	—	—	—	179	—	91	—	—	—	91	—
3	44	—	—	—	44	—	63	—	—	—	63	—

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

SUSQUEHANNA RIVER ABOVE AND BELOW HAVRE DE GRACE, MD - continued

	Upbound						Downbound					
DOMESTIC												
2	572	—	—	—	572	—	10	—	—	—	10	—
1	21	—	—	—	21	—	—	—	—	—	—	—
										Total trips:		2,453

NANTICOKE RIVER (INCLUDING NORTHWEST FORK), DE AND MD

	Upbound						Downbound					
Grand Total	310	—	—	73	237	—	297	—	—	93	204	—
DOMESTIC												
Total	310	—	—	73	237	—	297	—	—	93	204	—
12	51	—	—	—	51	—	39	—	—	—	39	—
11	11	—	—	—	11	—	4	—	—	—	4	—
10	16	—	—	4	12	—	10	—	—	3	7	—
9	31	—	—	16	15	—	62	—	—	34	28	—
8	22	—	—	9	13	—	27	—	—	3	24	—
7	62	—	—	43	19	—	77	—	—	52	25	—
≤ 6	117	—	—	1	116	—	78	—	—	1	77	—
										Total trips:		607

WICOMICO RIVER, MD (EASTERN SHORE)

	Upbound						Downbound					
Grand Total	557	—	—	189	191	177	554	—	—	188	190	176
DOMESTIC												
Total	557	—	—	189	191	177	554	—	—	188	190	176
12	2	—	—	—	2	—	—	—	—	—	—	—
11	67	—	—	1	18	48	—	—	—	—	—	—
10	44	—	—	3	31	10	2	—	—	2	—	—
9	31	—	—	14	14	3	20	—	—	20	—	—
8	83	—	—	10	12	61	118	—	—	118	—	—
7	87	—	—	74	5	8	36	—	—	36	—	—
≤ 6	243	—	—	87	109	47	378	—	—	12	190	176
										Total trips:		1,111

POCOMOKE RIVER, MD

	Upbound						Downbound					
Grand Total	363	—	—	105	258	—	353	—	—	137	216	—
DOMESTIC												
Total	363	—	—	105	258	—	353	—	—	137	216	—
9	2	—	—	2	—	—	3	—	—	3	—	—
8	17	—	—	4	13	—	57	—	—	11	46	—
7	110	—	—	99	11	—	196	—	—	123	73	—
≤ 6	234	—	—	—	234	—	97	—	—	—	97	—
										Total trips:		716

POTOMAC RIVER BELOW WASHINGTON, DC

	Upbound						Downbound					
Grand Total	1,816	1,343	3	155	213	102	1,819	1,343	3	154	217	102
FOREIGN												
Total	3	—	3	—	—	—	3	—	3	—	—	—
30	2	—	2	—	—	—	—	—	—	—	—	—
29	1	—	1	—	—	—	1	—	1	—	—	—
26	—	—	—	—	—	—	2	—	2	—	—	—

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
POTOMAC RIVER BELOW WASHINGTON, DC - continued												
Upbound						Downbound						
DOMESTIC												
Total	1,813	1,343	---	155	213	102	1,816	1,343	---	154	217	102
20	1	---	---	---	1	---	13	---	---	---	13	---
19	---	---	---	---	---	---	9	---	---	---	9	---
≤ 18	1,812	1,343	---	155	212	102	1,794	1,343	---	154	195	102
											Total trips:	3,635
OCCOQUAN CREEK, VA												
Upbound						Downbound						
Grand Total	220	---	---	69	151	---	200	---	---	68	132	---
DOMESTIC												
Total	220	---	---	69	151	---	200	---	---	68	132	---
9	2	---	---	2	---	---	---	---	---	---	---	---
8	48	---	---	11	37	---	---	---	---	---	---	---
7	128	---	---	56	72	---	68	---	---	68	---	---
6	1	---	---	---	1	---	---	---	---	---	---	---
5	17	---	---	---	17	---	---	---	---	---	---	---
4	24	---	---	---	24	---	---	---	---	---	---	---
3	---	---	---	---	---	---	6	---	---	---	6	---
2	---	---	---	---	---	---	126	---	---	---	126	---
											Total trips:	420
ANACOSTIA RIVER, DC (12 feet and less)												
Upbound						Downbound						
Grand Total	59	---	---	23	---	36	58	---	---	22	---	36
											Total trips:	117
ANNAPOLIS HARBOR, MD (18 feet and less)												
Inbound						Outbound						
Grand Total	6	1	---	5	---	---	6	2	---	4	---	---
											Total trips:	12
AQUIA CREEK, VA No Vessel Trips Reported												
BACK CREEK, ANNE ARUNDEL COUNTY, MD No Vessel Trips Reported												
BETTERTON HARBOR, MD No Vessel Trips Reported												
BLACK WALNUT HARBOR, MD No Vessel Trips Reported												
BONUM CREEK, VA No Vessel Trips Reported												
BRANSONS COVE, VA No Vessel Trips Reported												
BRETON BAY, MD No Vessel Trips Reported												

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels			Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker		Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

BROAD CREEK RIVER, DE
No Vessel Trips Reported

BROAD CREEK, SOMERSET COUNTY, MD
No Vessel Trips Reported

BROADWATER CREEK, MD
No Vessel Trips Reported

CADLE CREEK, MD
(9 feet and less)

	Upbound						Downbound					
Grand Total	5	---	---	2	3	---	8	---	---	2	6	---
	Total trips:											13

CAMBRIDGE HARBOR, MD
No Vessel Trips Reported

CHANNEL TO ISLAND CREEK, ST. GEORGE ISLAND, MD
No Vessel Trips Reported

CHESTER RIVER, MD
(10 feet and less)

	Upbound						Downbound					
Grand Total	10	---	---	4	6	---	6	---	---	1	5	---
	Total trips:											16

CHOPTANK RIVER, MD
(10 feet and less)

	Upbound						Downbound					
Grand Total	78	---	---	27	51	---	76	---	---	26	50	---
	Total trips:											154

CLAIBORNE HARBOR, MD
No Vessel Trips Reported

COAN RIVER, VA
No Vessel Trips Reported

CORSICA RIVER, MD
No Vessel Trips Reported

CRISFIELD HARBOR, MD
No Vessel Trips Reported

CUCKOLD CREEK, MD
No Vessel Trips Reported

DUCK POINT COVE, MD
No Vessel Trips Reported

ELK AND LITTLE ELK RIVERS, MD
No Vessel Trips Reported

FISHING BAY TRIBUTARIES, DORCHESTER COUNTY, MD
No Vessel Trips Reported

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels			Self Propelled Vessels				Non-Self Propelled Vessels		
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker		Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	
FISHING CREEK, CALVERT COUNTY, MD														
(7 feet and less)														
Upbound														
Downbound														
Grand Total	2	—	—	1	1	—	2	—	—	—	1	1	—	
											Total trips:		4	
GOOSE CREEK, SOMMERSET COUNTY, MD														
No Vessel Trips Reported														
HERRING BAY AND ROCKHOLD CREEK, MD														
(7 feet and less)														
Upbound														
Downbound														
Grand Total	4	—	—	4	—	—	4	—	—	—	4	—	—	
											Total trips:		8	
HERRING CREEK, MD														
No Vessel Trips Reported														
HONGA RIVER AND TAR BAY, MD														
No Vessel Trips Reported														
ISLAND CREEK, MD														
No Vessel Trips Reported														
KNAPPS NARROWS, MD														
No Vessel Trips Reported														
LITTLE CREEK, QUEEN ANNES COUNTY, MD														
No Vessel Trips Reported														
LITTLE WICOMICO RIVER, VA														
No Vessel Trips Reported														
LOWER MACHODOC CREEK, VA														
No Vessel Trips Reported														
LOWER THOROUGHFARE AT OR NEAR WENONA, DEAL ISLAND, MD														
No Vessel Trips Reported														
LOWES WHARF, TALBOT COUNTY, MD														
No Vessel Trips Reported														
MANOKIN RIVER, MD														
No Vessel Trips Reported														
MIDDLE RIVER AND DARK HEAD CREEK, MD														
(7 feet and less)														
Upbound														
Downbound														
Grand Total	5	—	—	4	1	—	4	—	—	—	3	1	—	
											Total trips:		9	
MILL CREEK, MD														
No Vessel Trips Reported														
MONROE BAY AND CREEK, VA														
No Vessel Trips Reported														

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

MUDDY HOOK AND TYLER COVES, MD
No Vessel Trips Reported

NAN COVE, MD
No Vessel Trips Reported

NANTICOKE RIVER AT BIVALVE, MD
No Vessel Trips Reported

NANTICOKE RIVER AT NANTICOKE, MD
No Vessel Trips Reported

NEALE SOUND, MD
No Vessel Trips Reported

NOMINI BAY AND CREEK, VA
No Vessel Trips Reported

NORTHEAST RIVER, MD
No Vessel Trips Reported

OCEAN CITY HARBOR AND INLET AND SINEPUXENT BAY, MD
No Vessel Trips Reported

PARISH CREEK, MD
No Vessel Trips Reported

PATUXENT RIVER, MD
(12 feet and less)

	Upbound						Downbound					
Grand Total	193	—	—	97	81	15	177	—	—	83	79	15
	Total trips:										79	370

POTOMAC RIVER AT ALEXANDRIA, VA
(18 feet and less)

	Inbound						Outbound					
Grand Total	6	—	—	3	3	—	6	—	—	3	3	—
	Total trips:										3	12

POTOMAC RIVER AT LOWER CEDAR POINT, MD
No Vessel Trips Reported

POTOMAC RIVER AT MT. VERNON, VA
No Vessel Trips Reported

POTOMAC RIVER, VIRGINIA CHANNEL, DC
No Vessel Trips Reported

POTOMAC RIVER, WASHINGTON CHANNEL, DC
No Vessel Trips Reported

QUEENSTOWN HARBOR, MD
No Vessel Trips Reported

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels			Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker		Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
RHODES POINT TO TYLERTON, SOMERSET COUNTY, MD													
No Vessel Trips Reported													
ROCK HALL HARBOR, MD													
No Vessel Trips Reported													
SLAUGHTER CREEK, MD													
No Vessel Trips Reported													
SMITH CREEK, MD													
No Vessel Trips Reported													
ST. CATHERINES SOUND, MD													
No Vessel Trips Reported													
ST. JEROME CREEK, MD													
No Vessel Trips Reported													
ST. MICHAELS HARBOR, MD													
No Vessel Trips Reported													
ST. PATRICKS CREEK, MD													
No Vessel Trips Reported													
ST. PETERS CREEK, MD													
No Vessel Trips Reported													
TILGHMAN ISLAND HARBOR, MD													
No Vessel Trips Reported													
TOWN CREEK, MD													
No Vessel Trips Reported													
TRED AVON RIVER, MD (10 feet and less)													
				Upbound							Downbound		
Grand Total	99	—	—	48	51	—	53	—	—	3	50	—	
										Total trips:		152	
TWITCH COVE AND BIG THOROUGHFARE RIVER, MD													
No Vessel Trips Reported													
TYASKIN CREEK, MD													
No Vessel Trips Reported													
UPPER MACHODOC CREEK, VA													
No Vessel Trips Reported													
UPPER THOROUGHFARE, DEAL ISLAND, MD													
No Vessel Trips Reported													
WARWICK RIVER, MD													
No Vessel Trips Reported													
WASHINGTON HARBOR, DC (12 feet and less)													
				Inbound							Outbound		
Grand Total	71	—	—	35	—	36	58	—	—	22	—	36	
										Total trips:		129	
WATERWAY FROM LITTLE CHOPTANK RIVER TO CHOPTANK RIVER, MD													
No Vessel Trips Reported													

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

NORFOLK HARBOR, VA

Grand Total	Upbound						Downbound					
	56,803	51,015	228	3,307	1,442	811	36,054	30,256	233	3,309	1,443	813

FOREIGN

Total	2,130	2,036	94	—	—	—	2,214	2,118	92	2	1	1
52	5	5	—	—	—	—	4	4	—	—	—	—
50	—	—	—	—	—	—	12	12	—	—	—	—
49	1	1	—	—	—	—	15	15	—	—	—	—
48	1	1	—	—	—	—	19	19	—	—	—	—
47	4	4	—	—	—	—	28	28	—	—	—	—
46	—	—	—	—	—	—	24	24	—	—	—	—
45	8	8	—	—	—	—	21	21	—	—	—	—
44	17	17	—	—	—	—	15	15	—	—	—	—
43	30	30	—	—	—	—	35	35	—	—	—	—
42	34	34	—	—	—	—	54	54	—	—	—	—
41	75	75	—	—	—	—	55	55	—	—	—	—
40	99	99	—	—	—	—	146	146	—	—	—	—
39	114	114	—	—	—	—	131	131	—	—	—	—
38	137	137	—	—	—	—	161	161	—	—	—	—
37	175	175	—	—	—	—	195	194	1	—	—	—
36	189	185	4	—	—	—	248	248	—	—	—	—
35	220	219	1	—	—	—	148	148	—	—	—	—
34	124	119	5	—	—	—	106	106	—	—	—	—
33	132	129	3	—	—	—	157	149	8	—	—	—
32	123	122	1	—	—	—	103	97	6	—	—	—
31	86	85	1	—	—	—	78	73	5	—	—	—
30	67	63	4	—	—	—	92	83	9	—	—	—
29	85	77	8	—	—	—	78	75	3	—	—	—
28	69	59	10	—	—	—	45	32	13	—	—	—
27	50	39	11	—	—	—	40	35	5	—	—	—
26	33	32	1	—	—	—	29	26	3	—	—	—
25	44	37	7	—	—	—	23	15	8	—	—	—
24	36	33	3	—	—	—	33	27	6	—	—	—
23	31	26	5	—	—	—	16	10	6	—	—	—
22	33	25	8	—	—	—	18	16	2	—	—	—
21	29	23	6	—	—	—	24	13	11	—	—	—
20	22	19	3	—	—	—	21	17	4	—	—	—
19	13	8	5	—	—	—	10	10	—	—	—	—
≤ 18	44	36	8	—	—	—	30	24	2	2	1	1

DOMESTIC

Total	54,673	48,979	134	3,307	1,442	811	33,840	28,138	141	3,307	1,442	812
27	—	—	—	—	—	—	1	—	—	—	1	—
23	1	—	—	—	—	1	—	—	—	—	—	—
20	15	—	—	—	13	2	1	—	—	—	—	1
19	6	—	—	—	3	3	26	—	—	—	—	26
≤ 18	54,651	48,979	134	3,307	1,426	805	33,812	28,138	141	3,307	1,441	785
										Total trips:		92,857

PORT OF VIRGINIA

Grand Total	Inbound						Outbound					
	60,728	51,251	350	6,338	1,682	1,107	36,751	30,562	258	3,777	1,287	867

FOREIGN

Total	2,368	2,270	97	1	—	—	2,524	2,422	94	4	3	1
50	5	5	—	—	—	—	26	26	—	—	—	—
49	1	1	—	—	—	—	28	28	—	—	—	—
48	1	1	—	—	—	—	59	59	—	—	—	—
47	4	4	—	—	—	—	59	59	—	—	—	—
46	—	—	—	—	—	—	40	40	—	—	—	—
45	8	8	—	—	—	—	32	32	—	—	—	—
44	17	17	—	—	—	—	23	23	—	—	—	—
43	30	30	—	—	—	—	40	40	—	—	—	—
42	36	36	—	—	—	—	58	58	—	—	—	—
41	77	76	1	—	—	—	63	63	—	—	—	—
40	101	101	—	—	—	—	152	152	—	—	—	—
39	115	115	—	—	—	—	137	137	—	—	—	—
38	139	139	—	—	—	—	163	163	—	—	—	—
37	181	181	—	—	—	—	199	198	1	—	—	—
36	193	189	4	—	—	—	254	254	—	—	—	—
35	223	222	1	—	—	—	150	150	—	—	—	—

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
PORT OF VIRGINIA - continued												
	Inbound						Outbound					
FOREIGN												
34	126	121	5	—	—	—	108	108	—	—	—	—
33	138	135	3	—	—	—	162	154	8	—	—	—
32	128	127	1	—	—	—	105	99	6	—	—	—
31	98	97	1	—	—	—	85	80	5	—	—	—
30	92	88	4	—	—	—	101	92	9	—	—	—
29	112	104	8	—	—	—	104	101	3	—	—	—
28	93	82	11	—	—	—	75	62	13	—	—	—
27	76	64	12	—	—	—	64	58	6	—	—	—
26	47	46	1	—	—	—	34	31	3	—	—	—
25	62	55	7	—	—	—	28	20	8	—	—	—
24	54	51	3	—	—	—	34	28	6	—	—	—
23	46	41	5	—	—	—	18	12	6	—	—	—
22	43	35	8	—	—	—	22	20	2	—	—	—
21	35	29	6	—	—	—	26	15	11	—	—	—
20	27	24	3	—	—	—	27	23	4	—	—	—
19	13	8	5	—	—	—	12	11	1	—	—	—
≤ 18	47	38	8	1	—	—	36	26	2	4	3	1
DOMESTIC												
Total	58,360	48,981	253	6,337	1,682	1,107	34,227	28,140	164	3,773	1,284	866
36	—	—	—	—	—	—	1	1	—	—	—	—
34	—	—	—	—	—	—	1	1	—	—	—	—
27	—	—	—	—	—	—	1	—	—	—	1	—
23	1	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	1	—	—	—	1	—
21	3	—	—	—	—	3	1	—	—	—	1	—
20	16	—	—	—	13	3	2	—	—	—	—	2
19	7	—	—	—	3	4	26	—	—	—	—	26
≤ 18	58,333	48,981	253	6,337	1,666	1,096	34,194	28,138	164	3,773	1,281	838
										Total trips:		97,479

CHANNEL TO NEWPORT NEWS, VA

Grand Total	Upbound						Downbound					
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
	3,219	278	22	2,099	589	231	3,547	350	22	2,354	592	229
FOREIGN												
Total	284	276	7	1	—	—	357	346	7	2	2	—
50	—	—	—	—	—	—	10	10	—	—	—	—
49	—	—	—	—	—	—	13	13	—	—	—	—
48	—	—	—	—	—	—	40	40	—	—	—	—
47	—	—	—	—	—	—	31	31	—	—	—	—
46	—	—	—	—	—	—	16	16	—	—	—	—
45	—	—	—	—	—	—	11	11	—	—	—	—
44	—	—	—	—	—	—	8	8	—	—	—	—
43	—	—	—	—	—	—	5	5	—	—	—	—
42	2	2	—	—	—	—	4	4	—	—	—	—
41	2	1	1	—	—	—	8	8	—	—	—	—
40	2	2	—	—	—	—	6	6	—	—	—	—
39	1	1	—	—	—	—	5	5	—	—	—	—
38	2	2	—	—	—	—	4	4	—	—	—	—
37	6	6	—	—	—	—	4	4	—	—	—	—
36	5	5	—	—	—	—	6	6	—	—	—	—
35	3	3	—	—	—	—	3	3	—	—	—	—
34	2	2	—	—	—	—	3	3	—	—	—	—
33	6	6	—	—	—	—	6	6	—	—	—	—
32	6	6	—	—	—	—	4	4	—	—	—	—
31	12	12	—	—	—	—	7	7	—	—	—	—
30	25	25	—	—	—	—	10	10	—	—	—	—
29	27	27	—	—	—	—	28	28	—	—	—	—
28	24	23	1	—	—	—	31	31	—	—	—	—
27	26	25	1	—	—	—	24	23	1	—	—	—
26	14	14	—	—	—	—	5	5	—	—	—	—
25	18	18	—	—	—	—	5	5	—	—	—	—
24	19	18	1	—	—	—	6	6	—	—	—	—
23	18	17	1	—	—	—	12	10	2	—	—	—
22	17	16	1	—	—	—	14	13	1	—	—	—
21	13	13	—	—	—	—	3	3	—	—	—	—
20	12	11	1	—	—	—	9	7	2	—	—	—
19	—	—	—	—	—	—	2	1	1	—	—	—
≤ 18	22	21	—	1	—	—	14	10	—	2	2	—

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

CHANNEL TO NEWPORT NEWS, VA - continued
Upbound

Downbound

DOMESTIC

Total	2,935	2	15	2,098	589	231	3,190	4	15	2,352	590	229
36	—	—	—	—	—	—	1	1	—	—	—	—
34	—	—	—	—	—	—	1	1	—	—	—	—
22	—	—	—	—	—	—	1	—	—	—	1	—
21	3	—	—	—	—	3	1	—	—	—	1	—
20	1	—	—	—	—	1	1	—	—	—	—	1
19	1	—	—	—	—	1	1	—	—	—	1	—
≤ 18	2,930	2	15	2,098	589	226	3,184	2	15	2,352	587	228
										Total trips:		6,766

PORT OF NEWPORT NEWS, VA

Inbound

Outbound

Grand Total	2,810	237	18	2,430	24	101	2,880	307	17	2,429	34	93
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FOREIGN

Total	239	235	3	1	—	—	310	304	2	2	2	—
50	—	—	—	—	—	—	10	10	—	—	—	—
49	—	—	—	—	—	—	13	13	—	—	—	—
48	—	—	—	—	—	—	40	40	—	—	—	—
47	—	—	—	—	—	—	31	31	—	—	—	—
46	—	—	—	—	—	—	16	16	—	—	—	—
45	—	—	—	—	—	—	11	11	—	—	—	—
44	—	—	—	—	—	—	8	8	—	—	—	—
43	—	—	—	—	—	—	5	5	—	—	—	—
42	2	2	—	—	—	—	4	4	—	—	—	—
41	2	1	1	—	—	—	8	8	—	—	—	—
40	2	2	—	—	—	—	6	6	—	—	—	—
39	1	1	—	—	—	—	6	6	—	—	—	—
38	2	2	—	—	—	—	2	2	—	—	—	—
37	6	6	—	—	—	—	4	4	—	—	—	—
36	5	5	—	—	—	—	6	6	—	—	—	—
35	3	3	—	—	—	—	2	2	—	—	—	—
34	2	2	—	—	—	—	2	2	—	—	—	—
33	6	6	—	—	—	—	5	5	—	—	—	—
32	5	5	—	—	—	—	2	2	—	—	—	—
31	12	12	—	—	—	—	7	7	—	—	—	—
30	25	25	—	—	—	—	9	9	—	—	—	—
29	27	27	—	—	—	—	26	26	—	—	—	—
28	24	23	1	—	—	—	30	30	—	—	—	—
27	26	25	1	—	—	—	24	23	1	—	—	—
26	14	14	—	—	—	—	5	5	—	—	—	—
25	18	18	—	—	—	—	5	5	—	—	—	—
24	18	18	—	—	—	—	1	1	—	—	—	—
23	15	15	—	—	—	—	2	2	—	—	—	—
22	10	10	—	—	—	—	4	4	—	—	—	—
21	6	6	—	—	—	—	2	2	—	—	—	—
20	5	5	—	—	—	—	6	6	—	—	—	—
19	—	—	—	—	—	—	2	1	1	—	—	—
≤ 18	3	2	—	1	—	—	6	2	—	2	2	—

DOMESTIC

Total	2,571	2	15	2,429	24	101	2,570	3	15	2,427	32	93
36	—	—	—	—	—	—	1	1	—	—	—	—
34	—	—	—	—	—	—	1	1	—	—	—	—
22	—	—	—	—	—	—	1	—	—	—	1	—
21	3	—	—	—	—	3	1	—	—	—	1	—
20	1	—	—	—	—	1	1	—	—	—	—	1
19	1	—	—	—	—	1	—	—	—	—	—	—
≤ 18	2,566	2	15	2,429	24	96	2,565	1	15	2,427	30	92
										Total trips:		5,690

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
PORT OF RICHMOND, VA												
	Inbound						Outbound					
Grand Total	128	8	---	45	1	74	130	9	---	46	1	74
FOREIGN												
Total	8	8	---	---	---	---	8	8	---	---	---	---
22	4	4	---	---	---	---	1	1	---	---	---	---
21	3	3	---	---	---	---	---	---	---	---	---	---
20	1	1	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	4	4	---	---	---	---
14	---	---	---	---	---	---	1	1	---	---	---	---
13	---	---	---	---	---	---	1	1	---	---	---	---
≤ 12	---	---	---	---	---	---	1	1	---	---	---	---
DOMESTIC												
Total	120	---	---	45	1	74	122	1	---	46	1	74
19	---	---	---	---	---	---	1	---	---	---	1	---
18	1	---	---	---	---	1	---	---	---	---	---	---
17	1	---	---	---	---	1	---	---	---	---	---	---
16	1	---	---	---	---	1	---	---	---	---	---	---
15	1	---	---	---	---	1	---	---	---	---	---	---
14	1	---	---	1	---	---	10	---	---	1	---	9
≤ 12	115	---	---	44	1	70	111	1	---	45	---	65
											Total trips:	258
PORT OF HOPEWELL, VA												
	Inbound						Outbound					
Grand Total	206	33	4	64	44	61	207	34	5	60	44	64
FOREIGN												
Total	37	33	4	---	---	---	39	34	5	---	---	---
28	1	1	---	---	---	---	10	10	---	---	---	---
24	1	---	1	---	---	---	5	5	---	---	---	---
23	3	2	1	---	---	---	10	8	2	---	---	---
22	3	2	1	---	---	---	9	8	1	---	---	---
21	4	4	---	---	---	---	1	1	---	---	---	---
20	6	5	1	---	---	---	3	1	2	---	---	---
18	5	5	---	---	---	---	---	---	---	---	---	---
17	3	3	---	---	---	---	1	1	---	---	---	---
16	6	6	---	---	---	---	---	---	---	---	---	---
15	4	4	---	---	---	---	---	---	---	---	---	---
14	1	1	---	---	---	---	---	---	---	---	---	---
DOMESTIC												
Total	169	---	---	64	44	61	168	---	---	60	44	64
16	44	---	---	---	---	44	---	---	---	---	---	---
15	---	---	---	---	---	---	36	---	---	---	36	---
14	10	---	---	---	---	10	8	---	---	---	8	---
13	1	---	---	---	---	1	---	---	---	---	---	---
≤ 12	114	---	---	64	44	6	124	---	---	60	---	64
											Total trips:	413
JAMES RIVER, VA												
	Upbound						Downbound					
Grand Total	17,477	16,407	4	324	607	135	17,501	16,409	5	324	622	141
FOREIGN												
Total	45	41	4	---	---	---	47	42	5	---	---	---
38	---	---	---	---	---	---	2	2	---	---	---	---
35	---	---	---	---	---	---	1	1	---	---	---	---
34	---	---	---	---	---	---	1	1	---	---	---	---
33	---	---	---	---	---	---	1	1	---	---	---	---
32	1	1	---	---	---	---	2	2	---	---	---	---
30	---	---	---	---	---	---	1	1	---	---	---	---
29	---	---	---	---	---	---	1	1	---	---	---	---
28	---	---	---	---	---	---	1	1	---	---	---	---

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

JAMES RIVER, VA - continued

	Upbound						Downbound					
FOREIGN												
24	1	—	1	—	—	—	5	5	—	—	—	—
23	3	2	1	—	—	—	10	8	2	—	—	—
22	7	6	1	—	—	—	10	9	1	—	—	—
21	7	7	—	—	—	—	1	1	—	—	—	—
20	7	6	1	—	—	—	3	1	2	—	—	—
18	5	5	—	—	—	—	—	—	—	—	—	—
17	3	3	—	—	—	—	1	1	—	—	—	—
16	6	6	—	—	—	—	—	—	—	—	—	—
15	4	4	—	—	—	—	4	4	—	—	—	—
14	1	1	—	—	—	—	1	1	—	—	—	—
13	—	—	—	—	—	—	1	1	—	—	—	—
≤ 12	—	—	—	—	—	—	1	1	—	—	—	—
Total	17,432	16,366	—	324	607	135	17,454	16,367	—	324	622	141
19	—	—	—	—	—	—	1	—	—	—	1	—
18	1	—	—	—	—	1	—	—	—	—	—	—
17	1	—	—	—	—	1	—	—	—	—	—	—
16	45	—	—	—	—	45	—	—	—	—	—	—
15	1	—	—	—	—	1	36	—	—	—	36	—
14	11	—	—	1	—	10	18	—	—	1	8	9
13	1	—	—	—	—	1	—	—	—	—	—	—
≤ 12	17,372	16,366	—	323	607	76	17,399	16,367	—	323	577	132
										Total trips:		34,978

APPOMATTOX RIVER, VA

	Upbound						Downbound					
Grand Total	709	—	—	210	499	—	728	—	—	210	518	—
DOMESTIC												
Total	709	—	—	210	499	—	728	—	—	210	518	—
10	11	—	—	11	—	—	502	—	—	99	403	—
9	8	—	—	8	—	—	81	—	—	—	81	—
8	9	—	—	9	—	—	36	—	—	30	6	—
7	182	—	—	182	—	—	107	—	—	81	26	—
6	—	—	—	—	—	—	1	—	—	—	1	—
5	—	—	—	—	—	—	1	—	—	—	1	—
2	491	—	—	—	491	—	—	—	—	—	—	—
1	8	—	—	—	8	—	—	—	—	—	—	—
										Total trips:		1,437

ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA, AND THE ST. JOHNS RIVER, FL (NORFOLK DISTRICT) VIA GREAT BRIDGE LOCK ROUTE

	Upbound						Downbound					
Grand Total	756	1	—	290	348	117	785	—	—	290	354	141
DOMESTIC												
Total	756	1	—	290	348	117	785	—	—	290	354	141
14	1	—	—	—	1	—	3	—	—	—	3	—
13	—	—	—	—	—	—	34	—	—	—	34	—
12	1	—	—	—	—	1	3	—	—	1	2	—
11	3	—	—	—	3	—	1	—	—	—	—	1
10	5	—	—	2	1	2	44	—	—	26	14	4
9	95	—	—	95	—	—	68	—	—	52	10	6
8	65	—	—	63	1	1	278	—	—	45	128	105
7	25	—	—	24	—	1	188	—	—	50	116	22
≤ 6	561	1	—	106	342	112	166	—	—	116	47	3
										Total trips:		1,541

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
YORK RIVER, VA												
				Upbound						Downbound		
Grand Total	546	---	22	217	15	292	557	---	22	218	24	293
FOREIGN												
Total	22	---	22	---	---	---	22	---	22	---	---	---
37	2	---	2	---	---	---	---	---	---	---	---	---
34	1	---	1	---	---	---	---	---	---	---	---	---
32	1	---	1	---	---	---	---	---	---	---	---	---
31	1	---	1	---	---	---	---	---	---	---	---	---
30	2	---	2	---	---	---	1	---	1	---	---	---
29	2	---	2	---	---	---	2	---	2	---	---	---
28	2	---	2	---	---	---	2	---	2	---	---	---
27	1	---	1	---	---	---	5	---	5	---	---	---
26	4	---	4	---	---	---	1	---	1	---	---	---
25	1	---	1	---	---	---	2	---	2	---	---	---
24	---	---	---	---	---	---	1	---	1	---	---	---
23	---	---	---	---	---	---	4	---	4	---	---	---
22	---	---	---	---	---	---	2	---	2	---	---	---
21	1	---	1	---	---	---	1	---	1	---	---	---
19	2	---	2	---	---	---	---	---	---	---	---	---
≤ 18	2	---	2	---	---	---	1	---	1	---	---	---
DOMESTIC												
Total	524	---	---	217	15	292	535	---	---	218	24	293
25	---	---	---	---	---	---	4	---	---	---	---	4
20	---	---	---	---	---	---	1	---	---	---	---	1
19	1	---	---	---	---	1	---	---	---	---	---	---
≤ 18	523	---	---	217	15	291	530	---	---	218	24	288
										Total trips:		1,103

ABERDEEN CREEK, VA
No Vessel Trips Reported

ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA, AND THE ST. JOHNS RIVER, FL (NORFOLK DISTRICT) DISMAL SWAMP AND PASQUOTANK RIVER
No Vessel Trips Reported

BEACH CREEK, VA
No Vessel Trips Reported

BROAD CREEK, VA
No Vessel Trips Reported

CAPE CHARLES CITY HARBOR, VA
(12 feet and less)

Grand Total	Inbound						Outbound					
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
	23	---	---	13	10	---	29	---	---	15	14	---
										Total trips:		52

CARTERS CREEK, VA
No Vessel Trips Reported

CHANNEL CONNECTING YORK RIVER, VA, WITH BACK CREEK TO SLAIGHTS WHARF, VA
No Vessel Trips Reported

CHANNEL FROM PHOEBUS, VA (TO DEEP WATER IN HAMPTON ROADS, VA)
No Vessel Trips Reported

CHESCONESSEX CREEK, VA
No Vessel Trips Reported

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
CHINCOTEAGUE BAY, MD AND VA (3 feet and less)												
				Upbound						Downbound		
Grand Total	4	—	—	1	3	—	4	—	—	1	3	—
										Total trips:		8
CHINCOTEAGUE HARBOR OF REFUGE, VA No Vessel Trips Reported												
CRANES CREEK, VA No Vessel Trips Reported												
DAVIS CREEK, VA No Vessel Trips Reported												
DEEP CREEK, ACCOMACK COUNTY, VA No Vessel Trips Reported												
DEEP CREEK, NEWPORT NEWS, VA No Vessel Trips Reported												
DELAWARE BAY - CHESAPEAKE BAY WATERWAY - VIRGINIA PORTION (8 feet and less)												
				Upbound						Downbound		
Grand Total	9	—	—	1	8	—	8	—	—	1	7	—
										Total trips:		17
DYMERS CREEK, VA No Vessel Trips Reported												
GREENVALE CREEK, VA No Vessel Trips Reported												
HAMPTON CREEK, VA (10 feet and less)												
				Upbound						Downbound		
Grand Total	124	—	—	41	79	4	119	—	—	38	77	4
										Total trips:		243
HORN HARBOR, VA No Vessel Trips Reported												
HOSKINS CREEK, VA (12 feet and less)												
				Upbound						Downbound		
Grand Total	147	—	—	30	117	—	146	—	—	28	118	—
										Total trips:		293
JACKSON CREEK, VA No Vessel Trips Reported												
KINGS CREEK, NORTHAMPTON COUNTY, VA No Vessel Trips Reported												
LAFAYETTE RIVER, VA No Vessel Trips Reported												
LITTLE MACHIPONGO RIVER, VA No Vessel Trips Reported												

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
LITTLE RIVER (CREEK), VA (15 feet and less)												
				Upbound						Downbound		
Grand Total	6	2	1	2	—	1	6	4	—	1	—	1
										Total trips:	—	12
LOCKLIES CREEK, VA No Vessel Trips Reported												
LYNHAVEN ROADS, INLET, AND CONNECTING WATERS, VA (12 feet and less)												
				Upbound						Downbound		
Grand Total	16	—	—	13	3	—	17	—	—	12	5	—
										Total trips:	—	33
MATTAPONI RIVER, VA No Vessel Trips Reported												
MEHERRIN RIVER, NC (6 feet and less)												
				Upbound						Downbound		
Grand Total	9,053	9,053	—	—	—	—	6,599	6,599	—	—	—	—
										Total trips:	—	15,652
MILFORD HAVEN, VA No Vessel Trips Reported												
MILL CREEK, VA No Vessel Trips Reported												
MULBERRY CREEK, VA No Vessel Trips Reported												
NANDUA CREEK, VA No Vessel Trips Reported												
NANSEMOND RIVER, VA No Vessel Trips Reported												
NEWPORT NEWS CREEK, VA (15 feet and less)												
				Upbound						Downbound		
Grand Total	2,281	—	—	2,279	—	2	2,279	—	—	2,277	—	2
										Total trips:	—	4,560
OCCOHANNOCK CREEK, VA No Vessel Trips Reported												
ONANCOCK RIVER, VA (8 feet and less)												
				Upbound						Downbound		
Grand Total	40	—	—	13	27	—	39	—	—	12	27	—
										Total trips:	—	79
OYSTER CHANNEL, VA No Vessel Trips Reported												
PAGAN RIVER, VA No Vessel Trips Reported												

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
PAMUNKEY RIVER, VA (10 feet and less)												
				Upbound						Downbound		
Grand Total	42	—	—	1	14	27	41	—	—	1	22	18
										Total trips:		83
PARKER CREEK, VA No Vessel Trips Reported												
PARROTTS CREEK, VA No Vessel Trips Reported												
QUEENS CREEK, VA No Vessel Trips Reported												
QUINBY CREEK, VA No Vessel Trips Reported												
RAPPAHANNOCK RIVER, VA (12 feet and less)												
				Upbound						Downbound		
Grand Total	147	—	—	30	117	—	146	—	—	28	118	—
										Total trips:		293
STARLINGS CREEK, VA No Vessel Trips Reported												
TANGIER CHANNEL, VA No Vessel Trips Reported												
TOTUSKEY CREEK, VA No Vessel Trips Reported												
TYLERS BEACH, VA No Vessel Trips Reported												
URBANNA CREEK, VA No Vessel Trips Reported												
WILLOUGHBY CHANNEL, VA (8 feet and less)												
				Upbound						Downbound		
Grand Total	5	—	—	5	—	—	5	—	—	5	—	—
										Total trips:		10
WINTER HARBOR, VA No Vessel Trips Reported												
WISHART POINT CHANNEL, VA No Vessel Trips Reported												

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
CHOWAN RIVER, NC												
				Upbound						Downbound		
Grand Total	589	---	---	314	275	---	620	---	---	340	280	---
DOMESTIC												
Total	589	---	---	314	275	---	620	---	---	340	280	---
14	3	---	---	---	3	---	1	---	---	---	1	---
13	32	---	---	---	32	---	---	---	---	---	---	---
12	2	---	---	---	2	---	---	---	---	---	---	---
9	1	---	---	---	1	---	58	---	---	58	---	---
8	253	---	---	117	136	---	108	---	---	108	---	---
7	135	---	---	71	64	---	58	---	---	58	---	---
≤ 6	163	---	---	126	37	---	395	---	---	116	279	---
										Total trips:		1,209
PAMLICO AND TAR RIVERS, NC												
				Upbound						Downbound		
Grand Total	13,881	13,293	---	280	43	265	13,941	13,350	---	278	42	271
DOMESTIC												
Total	13,881	13,293	---	280	43	265	13,941	13,350	---	278	42	271
9	156	---	---	122	---	34	397	---	---	121	41	235
8	157	---	---	157	---	---	158	---	---	157	1	---
7	50	50	---	---	---	---	50	50	---	---	---	---
≤ 6	13,518	13,243	---	1	43	231	13,336	13,300	---	---	---	36
										Total trips:		27,822
ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA, AND THE ST. JOHNS RIVER, FL (WILMINGTON DISTRICT)												
				Upbound						Downbound		
Grand Total	15,288	13,598	---	925	496	269	15,290	13,598	---	925	490	277
DOMESTIC												
Total	15,288	13,598	---	925	496	269	15,290	13,598	---	925	490	277
15	385	385	---	---	---	---	385	385	---	---	---	---
14	2	---	---	---	2	---	3	---	---	---	3	---
13	3	---	---	---	3	---	34	---	---	---	34	---
12	227	---	---	226	---	1	227	---	---	225	2	---
11	3	---	---	---	3	---	1	---	---	---	---	1
10	4	---	---	2	1	1	23	---	---	19	---	4
9	158	---	---	124	---	34	501	---	---	223	43	235
8	389	---	---	366	22	1	366	---	---	239	127	---
7	158	26	---	73	59	---	226	25	---	85	116	---
≤ 6	13,959	13,187	---	134	406	232	13,524	13,188	---	134	165	37
										Total trips:		30,578
MOREHEAD CITY HARBOR, NC												
				Inbound						Outbound		
Grand Total	1,196	95	29	641	156	275	1,215	95	29	660	162	269
FOREIGN												
Total	124	95	29	---	---	---	124	95	29	---	---	---
39	---	---	---	---	---	---	1	---	1	---	---	---
37	1	1	---	---	---	---	2	1	1	---	---	---
36	1	1	---	---	---	---	7	---	7	---	---	---
35	3	3	---	---	---	---	4	1	3	---	---	---
34	3	3	---	---	---	---	2	---	2	---	---	---
33	9	9	---	---	---	---	1	1	---	---	---	---
32	5	4	1	---	---	---	2	2	---	---	---	---
31	7	7	---	---	---	---	3	3	---	---	---	---
30	19	18	1	---	---	---	17	17	---	---	---	---
29	6	4	2	---	---	---	12	11	1	---	---	---
28	10	9	1	---	---	---	8	8	---	---	---	---
27	9	7	2	---	---	---	11	8	3	---	---	---

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

MOREHEAD CITY HARBOR, NC - continued
Inbound

Outbound

FOREIGN

26	5	4	1	—	—	—	11	9	2	—	—	—
25	6	4	2	—	—	—	9	7	2	—	—	—
24	9	4	5	—	—	—	4	3	1	—	—	—
23	9	4	5	—	—	—	6	5	1	—	—	—
22	8	4	4	—	—	—	6	3	3	—	—	—
21	4	1	3	—	—	—	1	1	—	—	—	—
20	3	2	1	—	—	—	10	8	2	—	—	—
19	4	3	1	—	—	—	1	1	—	—	—	—
≤ 18	3	3	—	—	—	—	6	6	—	—	—	—

DOMESTIC

Total	1,072	—	—	641	156	275	1,091	—	—	660	162	269
21	1	—	—	—	—	1	—	—	—	—	—	—
≤ 18	1,071	—	—	641	156	274	1,091	—	—	660	162	269
Total trips:											2,411	

PORT OF WILMINGTON, NC (INCLUDED IN WILMINGTON HARBOR, NC)

Inbound

Outbound

Grand Total	18,257	16,823	91	382	893	68	18,259	16,838	90	376	892	63
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FOREIGN

Total	532	443	89	—	—	—	547	458	89	—	—	—
42	3	3	—	—	—	—	—	—	—	—	—	—
41	2	1	1	—	—	—	—	—	—	—	—	—
40	4	4	—	—	—	—	9	9	—	—	—	—
39	11	9	2	—	—	—	8	8	—	—	—	—
38	14	12	2	—	—	—	15	15	—	—	—	—
37	21	18	3	—	—	—	27	26	1	—	—	—
36	21	19	2	—	—	—	14	14	—	—	—	—
35	22	19	3	—	—	—	17	16	1	—	—	—
34	17	13	4	—	—	—	12	11	1	—	—	—
33	23	17	6	—	—	—	16	10	6	—	—	—
32	21	13	8	—	—	—	30	24	6	—	—	—
31	25	16	9	—	—	—	13	11	2	—	—	—
30	48	39	9	—	—	—	50	39	11	—	—	—
29	36	27	9	—	—	—	38	31	7	—	—	—
28	34	24	10	—	—	—	35	30	5	—	—	—
27	38	34	4	—	—	—	33	20	13	—	—	—
26	36	29	7	—	—	—	37	29	8	—	—	—
25	48	42	6	—	—	—	49	39	10	—	—	—
24	34	32	2	—	—	—	40	36	4	—	—	—
23	25	24	1	—	—	—	27	27	—	—	—	—
22	13	13	—	—	—	—	17	15	2	—	—	—
21	10	10	—	—	—	—	11	8	3	—	—	—
20	4	4	—	—	—	—	23	17	6	—	—	—
19	4	4	—	—	—	—	4	3	1	—	—	—
≤ 18	18	17	1	—	—	—	22	20	2	—	—	—

DOMESTIC

Total	17,725	16,380	2	382	893	68	17,712	16,380	1	376	892	63
34	1	—	—	—	—	1	—	—	—	—	—	—
33	4	—	—	—	—	4	—	—	—	—	—	—
30	3	—	1	—	—	2	—	—	—	—	—	—
29	2	—	—	—	—	2	—	—	—	—	—	—
27	1	—	—	—	—	1	—	—	—	—	—	—
26	1	—	—	—	—	1	—	—	—	—	—	—
24	2	—	—	—	—	2	—	—	—	—	—	—
22	1	—	—	—	—	1	—	—	—	—	—	—
21	2	—	—	—	—	2	1	—	—	—	—	1
20	3	—	—	—	—	3	1	—	—	—	—	1
19	3	—	—	—	—	3	2	—	—	—	—	2
≤ 18	17,702	16,380	1	382	893	46	17,708	16,380	1	376	892	59
Total trips:											36,516	

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

WILMINGTON HARBOR, NC (INCLUDES PORT OF WILMINGTON, NC)

	Upbound						Downbound					
Grand Total	20,212	18,599	132	481	896	104	20,391	18,778	129	481	900	103

FOREIGN

Total	575	445	130	—	—	—	588	460	128	—	—	—
38	34	29	5	—	—	—	32	32	—	—	—	—
37	21	18	3	—	—	—	27	26	1	—	—	—
36	21	19	2	—	—	—	14	14	—	—	—	—
35	23	19	4	—	—	—	17	16	1	—	—	—
34	22	13	9	—	—	—	12	11	1	—	—	—
33	28	17	11	—	—	—	19	10	9	—	—	—
32	26	13	13	—	—	—	32	24	8	—	—	—
31	28	16	12	—	—	—	18	11	7	—	—	—
30	53	39	14	—	—	—	54	39	15	—	—	—
29	43	27	16	—	—	—	43	31	12	—	—	—
28	39	24	15	—	—	—	40	30	10	—	—	—
27	39	34	5	—	—	—	38	21	17	—	—	—
26	38	29	9	—	—	—	39	29	10	—	—	—
25	50	42	8	—	—	—	52	39	13	—	—	—
24	34	32	2	—	—	—	42	36	6	—	—	—
23	26	25	1	—	—	—	28	27	1	—	—	—
22	13	13	—	—	—	—	18	15	3	—	—	—
21	10	10	—	—	—	—	11	8	3	—	—	—
20	4	4	—	—	—	—	24	17	7	—	—	—
19	4	4	—	—	—	—	4	3	1	—	—	—
≤ 18	19	18	1	—	—	—	24	21	3	—	—	—

DOMESTIC

Total	19,637	18,154	2	481	896	104	19,803	18,318	1	481	900	103
34	1	—	—	—	—	1	—	—	—	—	—	—
33	4	—	—	—	—	4	—	—	—	—	—	—
30	3	—	1	—	—	2	—	—	—	—	—	—
29	2	—	—	—	—	2	—	—	—	—	—	—
27	1	—	—	—	—	1	—	—	—	—	—	—
26	4	—	—	—	—	4	—	—	—	—	—	—
24	2	—	—	—	—	2	—	—	—	—	—	—
23	2	—	—	—	—	2	—	—	—	—	—	—
22	1	—	—	—	—	1	—	—	—	—	—	—
21	2	—	—	—	—	2	1	—	—	—	—	1
20	4	—	—	—	—	4	1	—	—	—	—	1
19	3	—	—	—	—	3	2	—	—	—	—	2
≤ 18	19,608	18,154	1	481	896	76	19,799	18,318	1	481	900	99

Total trips: 40,603

NORTHEAST (CAPE FEAR) RIVER, NC

	Upbound						Downbound					
Grand Total	108	1	35	36	—	36	109	1	34	37	—	37

FOREIGN

Total	36	1	35	—	—	—	35	1	34	—	—	—
28	31	—	31	—	—	—	22	—	22	—	—	—
27	1	—	1	—	—	—	4	—	4	—	—	—
26	1	—	1	—	—	—	2	—	2	—	—	—
25	2	—	2	—	—	—	1	—	1	—	—	—
24	—	—	—	—	—	—	1	—	1	—	—	—
23	—	—	—	—	—	—	1	—	1	—	—	—
22	—	—	—	—	—	—	1	—	1	—	—	—
20	—	—	—	—	—	—	1	—	1	—	—	—
11	1	—	—	—	—	—	1	1	—	—	—	—
7	—	—	—	—	—	—	1	—	1	—	—	—

DOMESTIC

Total	72	—	—	36	—	36	74	—	—	37	—	37
26	3	—	—	—	—	3	—	—	—	—	—	—
23	2	—	—	—	—	2	—	—	—	—	—	—
20	1	—	—	—	—	1	—	—	—	—	—	—
18	1	—	—	—	—	1	—	—	—	—	—	—
16	1	—	—	—	—	1	—	—	—	—	—	—
14	12	—	—	—	—	12	13	—	—	—	—	13
13	2	—	—	—	—	2	—	—	—	—	—	—

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

NORTHEAST (CAPE FEAR) RIVER, NC - continued
Upbound

Downbound

DOMESTIC

12	1	—	—	—	—	1	1	—	—	—	—	1
10	5	—	—	1	—	4	7	—	—	1	—	6
9	2	—	—	2	—	—	2	—	—	2	—	—
7	34	—	—	33	—	1	36	—	—	34	—	2
6	7	—	—	—	—	7	7	—	—	—	—	7
4	1	—	—	—	—	1	5	—	—	—	—	5
3	—	—	—	—	—	—	3	—	—	—	—	3
											Total trips:	217

ATLANTIC BEACH CHANNELS, NC
No Vessel Trips Reported

AVON HARBOR, NC
No Vessel Trips Reported

BAY RIVER, NC
No Vessel Trips Reported

BEAUFORT HARBOR, NC
(12 feet and less)

	Inbound						Outbound					
Grand Total	228	—	—	228	—	—	225	—	—	225	—	—
											Total trips:	453

BELHAVEN HARBOR, NC
(11 feet and less)

	Inbound						Outbound					
Grand Total	4	—	—	—	4	—	4	—	—	—	4	—
											Total trips:	8

CAPE FEAR RIVER ABOVE WILMINGTON, NC
(12 feet and less)

	Upbound						Downbound					
Grand Total	7,705	7,705	—	—	—	—	7,705	7,705	—	—	—	—
											Total trips:	15,410

CASHIE RIVER, NC
(6 feet and less)

	Upbound						Downbound					
Grand Total	3,220	3,220	—	—	—	—	3,220	3,220	—	—	—	—
											Total trips:	6,440

CHANNEL CONNECTING THOROUGHFARE BAY WITH CEDAR BAY, NC
(2 feet and less)

	Upbound						Downbound					
Grand Total	—	—	—	—	—	—	4	—	—	2	2	—
											Total trips:	4

CHANNEL FROM BACK SOUND TO LOOKOUT BIGHT, NC
(8 feet and less)

	Upbound						Downbound					
Grand Total	3	—	—	2	1	—	1	—	—	1	—	—
											Total trips:	4

CHANNEL FROM PAMLICO SOUND TO RODANTHE, NC
No Vessel Trips Reported

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
CHANNEL TO BOGUE INLET, NC No Vessel Trips Reported												
DRUM INLET, NC No Vessel Trips Reported												
EDENTON HARBOR, NC (14 feet and less)												
				Inbound							Outbound	
Grand Total	37	---	---	13	24	---	36	---	---	17	19	---
										Total trips:		73
FAR CREEK, NC No Vessel Trips Reported												
KNOBBS CREEK, NC No Vessel Trips Reported												
LOCKWOODS FOLLY RIVER, NC No Vessel Trips Reported												
MACKAY CREEK, NC No Vessel Trips Reported												
MANNS HARBOR, NC No Vessel Trips Reported												
MANTEO (SHALLOWBAG) BAY, NC No Vessel Trips Reported												
NEUSE RIVER, NC (8 feet and less)												
				Upbound							Downbound	
Grand Total	9,451	9,450	---	1	---	---	9,453	9,449	---	2	2	---
										Total trips:		18,904
NEW RIVER, NC (8 feet and less)												
				Upbound							Downbound	
Grand Total	2	---	---	2	---	---	2	---	---	2	---	---
										Total trips:		4
OCRACOKE INLET, NC No Vessel Trips Reported												
PERQUIMANS RIVER, NC No Vessel Trips Reported												
ROANOKE RIVER, NC No Vessel Trips Reported												
ROLLINSON CHANNEL, NC No Vessel Trips Reported												
SCUPPERNONG RIVER, NC No Vessel Trips Reported												

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
SHALLOTTE RIVER, NC No Vessel Trips Reported												
SILVER LAKE HARBOR, NC No Vessel Trips Reported												
SMITHS CREEK (PAMLICO COUNTY), NC No Vessel Trips Reported												
SMITHS CREEK (WILMINGTON), NC No Vessel Trips Reported												
SOUTH RIVER, NC (6 feet and less)												
				Upbound							Downbound	
Grand Total	5,036	5,036	---	---	---	---	5,036	5,036	---	---	---	---
										Total trips:	2	10,072
STUMPY POINT BAY, NC No Vessel Trips Reported												
TRENT RIVER, NC (6 feet and less)												
				Upbound							Downbound	
Grand Total	---	---	---	---	---	---	3	---	---	1	2	---
										Total trips:	3	3
WANCHESE HARBOR, NC No Vessel Trips Reported												
WATERWAY - NORFOLK, VA TO SOUNDS OF NC (6 feet and less)												
				Upbound							Downbound	
Grand Total	1,838	1,838	---	---	---	---	1,838	1,838	---	---	---	---
										Total trips:	---	3,676
WATERWAY CONNECTING PAMLICO SOUND AND BEAUFORT HARBOR, NC (8 feet and less)												
				Upbound							Downbound	
Grand Total	781	778	---	2	1	---	779	778	---	1	---	---
										Total trips:	---	1,560
WATERWAY CONNECTING SWAN QUARTER BAY WITH DEEP BAY, NC (7 feet and less)												
				Upbound							Downbound	
Grand Total	2,189	2,189	---	---	---	---	2,189	2,189	---	---	---	---
										Total trips:	---	4,378
WRIGHTS CREEK, NC No Vessel Trips Reported												

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

CHARLESTON HARBOR, SC

	Inbound						Outbound					
Grand Total	4,706	2,332	137	1,739	31	467	4,615	2,342	134	1,674	32	433

FOREIGN

Total	2,053	1,921	131	1	—	—	2,062	1,930	131	1	—	—
46	—	—	—	—	—	—	1	1	—	—	—	—
45	10	10	—	—	—	—	—	—	—	—	—	—
44	—	—	—	—	—	—	5	5	—	—	—	—
43	17	17	—	—	—	—	13	13	—	—	—	—
42	58	58	—	—	—	—	41	41	—	—	—	—
41	54	54	—	—	—	—	47	47	—	—	—	—
40	73	72	1	—	—	—	68	68	—	—	—	—
39	94	94	—	—	—	—	61	61	—	—	—	—
38	124	119	5	—	—	—	121	121	—	—	—	—
37	115	114	1	—	—	—	112	112	—	—	—	—
36	129	122	7	—	—	—	81	80	1	—	—	—
35	92	85	7	—	—	—	115	113	2	—	—	—
34	259	249	10	—	—	—	238	234	4	—	—	—
33	95	90	5	—	—	—	82	77	5	—	—	—
32	81	76	5	—	—	—	109	106	3	—	—	—
31	70	57	13	—	—	—	95	89	6	—	—	—
30	139	122	17	—	—	—	258	246	12	—	—	—
29	121	108	13	—	—	—	91	81	10	—	—	—
28	182	166	16	—	—	—	105	90	15	—	—	—
27	90	82	8	—	—	—	77	64	13	—	—	—
26	111	101	10	—	—	—	108	95	13	—	—	—
25	22	19	3	—	—	—	50	36	14	—	—	—
24	17	15	2	—	—	—	39	30	9	—	—	—
23	11	9	2	—	—	—	35	32	3	—	—	—
22	18	16	2	—	—	—	25	18	7	—	—	—
21	9	6	3	—	—	—	18	15	3	—	—	—
20	17	17	—	—	—	—	24	18	6	—	—	—
19	2	2	—	—	—	—	10	9	1	—	—	—
≤ 18	43	41	1	1	—	—	33	28	4	1	—	—

DOMESTIC

Total	2,653	411	6	1,738	31	467	2,553	412	3	1,673	32	433
36	1	—	1	—	—	—	—	—	—	—	—	—
35	1	—	—	—	—	1	—	—	—	—	—	—
34	2	—	—	—	—	2	—	—	—	—	—	—
33	3	—	—	—	—	3	—	—	—	—	—	—
30	2	—	2	—	—	—	1	—	1	—	—	—
29	13	—	—	—	—	13	1	—	—	—	—	1
28	6	—	—	—	—	6	—	—	—	—	—	—
27	3	—	—	—	—	3	1	—	—	—	—	1
26	5	—	—	—	—	5	—	—	—	—	—	—
25	12	—	—	—	—	12	—	—	—	—	—	—
24	3	—	—	—	—	3	1	—	—	—	—	1
23	2	—	—	—	—	2	—	—	—	—	—	—
22	5	—	—	—	—	5	—	—	—	—	—	—
21	5	—	—	—	—	5	—	—	—	—	—	—
20	12	—	—	1	4	7	6	—	—	1	2	3
19	1	—	—	—	—	1	1	—	—	—	1	—
≤ 18	2,577	411	3	1,737	27	399	2,542	412	2	1,672	29	427
										Total trips:		9,321

ASHLEY RIVER, SC
(12 feet and less)

	Upbound						Downbound					
Grand Total	2,079	1,838	—	184	14	43	2,060	1,837	—	171	19	33
										Total trips:		4,139

ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA, AND THE ST. JOHNS RIVER, FL (CHARLESTON DISTRICT)
(12 feet and less)

	Upbound						Downbound					
Grand Total	2,209	1,836	—	272	22	79	2,240	1,836	—	302	32	70
										Total trips:		4,449

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
GEORGETOWN HARBOR, SC (WINYAH BAY) (26 feet and less)												
				Inbound						Outbound		
Grand Total	17	1	—	15	1	—	23	1	—	17	5	—
										Total trips:		40
GREAT PEE DEE RIVER, SC No Vessel Trips Reported												
PORT ROYAL HARBOR, SC No Vessel Trips Reported												
SANTEE RIVER, SC No Vessel Trips Reported												
SHIPYARD RIVER, SC (40 feet and less)												
				Upbound						Downbound		
Grand Total	42	2	8	28	—	4	38	1	9	26	—	2
										Total trips:		80
VILLAGE CREEK, SC No Vessel Trips Reported												
WACCAMAW RIVER, SC (8 feet and less)												
				Inbound						Outbound		
Grand Total	1	—	—	1	—	—	1	—	—	1	—	—
										Total trips:		2

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels		
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	
SAVANNAH HARBOR, GA													
			Inbound						Outbound				
Grand Total	3,199	2,397	174	301	48	279	3,208	2,422	179	293	45	269	
FOREIGN													
Total	2,569	2,397	172	—	—	—	2,601	2,422	177	1	—	1	
47	—	—	—	—	—	—	2	2	—	—	—	—	
46	—	—	—	—	—	—	1	1	—	—	—	—	
44	—	—	—	—	—	—	1	1	—	—	—	—	
43	8	8	—	—	—	—	16	16	—	—	—	—	
42	45	45	—	—	—	—	47	47	—	—	—	—	
41	65	65	—	—	—	—	48	48	—	—	—	—	
40	81	81	—	—	—	—	104	104	—	—	—	—	
39	127	126	1	—	—	—	127	127	—	—	—	—	
38	274	273	1	—	—	—	286	284	2	—	—	—	
37	291	284	7	—	—	—	261	260	1	—	—	—	
36	257	245	12	—	—	—	239	236	3	—	—	—	
35	179	173	6	—	—	—	180	178	2	—	—	—	
34	130	124	6	—	—	—	131	130	1	—	—	—	
33	149	137	12	—	—	—	136	135	1	—	—	—	
32	100	90	10	—	—	—	127	119	8	—	—	—	
31	92	84	8	—	—	—	91	83	8	—	—	—	
30	87	77	10	—	—	—	80	71	9	—	—	—	
29	105	87	18	—	—	—	98	88	10	—	—	—	
28	82	66	16	—	—	—	96	76	20	—	—	—	
27	68	52	16	—	—	—	94	78	16	—	—	—	
26	77	68	9	—	—	—	67	49	18	—	—	—	
25	121	112	9	—	—	—	121	91	28	1	—	1	
24	59	53	6	—	—	—	61	48	13	—	—	—	
23	52	46	6	—	—	—	39	32	7	—	—	—	
22	30	26	4	—	—	—	31	19	12	—	—	—	
21	27	23	4	—	—	—	46	38	8	—	—	—	
20	22	19	3	—	—	—	23	18	5	—	—	—	
19	13	9	4	—	—	—	18	16	2	—	—	—	
≤ 18	28	24	4	—	—	—	30	27	3	—	—	—	
DOMESTIC													
Total	630	—	2	301	48	279	607	—	2	292	45	268	
42	1	—	1	—	—	—	—	—	—	—	—	—	
30	—	—	—	—	—	—	1	—	1	—	—	—	
29	9	—	—	—	—	9	—	—	—	—	—	—	
28	4	—	—	—	—	4	—	—	—	—	—	—	
27	3	—	—	—	—	3	—	—	—	—	—	—	
26	3	—	—	—	—	3	—	—	—	—	—	—	
25	2	—	—	—	—	2	1	—	—	—	—	1	
23	1	—	—	—	—	1	—	—	—	—	—	—	
22	8	—	—	—	—	8	1	—	—	—	—	1	
21	4	—	—	—	—	4	—	—	—	—	—	—	
20	2	—	—	—	—	2	—	—	—	—	—	—	
19	6	—	—	—	—	6	2	—	—	—	—	2	
≤ 18	587	—	1	301	48	237	602	—	1	292	45	264	
											Total trips:	6,407	
BRUNSWICK HARBOR, GA													
			Upbound						Downbound				
Grand Total	574	552	4	9	—	9	575	553	4	9	—	9	
FOREIGN													
Total	556	552	4	—	—	—	557	553	4	—	—	—	
38	1	1	—	—	—	—	—	—	—	—	—	—	
37	1	1	—	—	—	—	—	—	—	—	—	—	
36	4	4	—	—	—	—	5	5	—	—	—	—	
35	5	5	—	—	—	—	9	9	—	—	—	—	
34	3	3	—	—	—	—	5	5	—	—	—	—	
33	5	5	—	—	—	—	6	6	—	—	—	—	
32	21	21	—	—	—	—	23	23	—	—	—	—	
31	47	46	1	—	—	—	30	30	—	—	—	—	
30	106	106	—	—	—	—	93	93	—	—	—	—	
29	125	125	—	—	—	—	125	124	1	—	—	—	
28	94	94	—	—	—	—	127	127	—	—	—	—	
27	60	60	—	—	—	—	64	64	—	—	—	—	
26	19	17	2	—	—	—	20	20	—	—	—	—	

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

BRUNSWICK HARBOR, GA - continued

Upbound

Downbound

FOREIGN

25	15	15	—	—	—	—	7	7	—	—	—	—
24	10	10	—	—	—	—	6	5	1	—	—	—
23	6	5	1	—	—	—	5	5	—	—	—	—
22	3	3	—	—	—	—	8	8	—	—	—	—
21	9	9	—	—	—	—	3	3	—	—	—	—
20	—	—	—	—	—	—	2	1	1	—	—	—
19	1	1	—	—	—	—	2	1	1	—	—	—
18	3	3	—	—	—	—	4	4	—	—	—	—
17	—	—	—	—	—	—	6	6	—	—	—	—
16	1	1	—	—	—	—	1	1	—	—	—	—
15	10	10	—	—	—	—	5	5	—	—	—	—
14	3	3	—	—	—	—	—	—	—	—	—	—
13	2	2	—	—	—	—	—	—	—	—	—	—
≤ 12	2	2	—	—	—	—	1	1	—	—	—	—

DOMESTIC

Total	18	—	—	9	—	9	18	—	—	9	—	9
29	3	—	—	—	—	3	—	—	—	—	—	—
23	1	—	—	—	—	1	1	—	—	—	—	1
18	1	—	—	—	—	1	—	—	—	—	—	—
14	—	—	—	—	—	—	1	—	—	—	—	1
≤ 12	13	—	—	9	—	4	16	—	—	9	—	7
Total trips:											14	78
Total trips:											1,149	

ALTAMAHA RIVER, GA

No Vessel Trips Reported

ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA, AND THE ST. JOHNS RIVER , FL (SAVANNAH DISTRICT)

(12 feet and less)

Upbound

Downbound

Grand Total	3,157	2,865	—	191	13	88	3,106	2,865	—	149	14	78
Total trips:											14	78
Total trips:											6,263	

DARIEN HARBOR, GA

No Vessel Trips Reported

SATILLA RIVER, GA

No Vessel Trips Reported

SAVANNAH RIVER BELOW AUGUSTA, GA

(9 feet and less)

Upbound

Downbound

Grand Total	11	—	—	7	4	—	9	—	—	6	3	—
Total trips:											6	3
Total trips:											20	

ST. MARYS RIVER, GA AND FL

(8 feet and less)

Upbound

Downbound

Grand Total	678	678	—	—	—	—	678	678	—	—	—	—
Total trips:											—	—
Total trips:											1,356	

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
FERNANDINA HARBOR, FL												
	Inbound						Outbound					
Grand Total	223	87	---	77	---	59	219	87	---	74	---	58
FOREIGN												
Total	87	87	---	---	---	---	87	87	---	---	---	---
31	1	1	---	---	---	---	2	2	---	---	---	---
30	---	---	---	---	---	---	2	2	---	---	---	---
29	4	4	---	---	---	---	3	3	---	---	---	---
28	1	1	---	---	---	---	2	2	---	---	---	---
27	3	3	---	---	---	---	2	2	---	---	---	---
26	1	1	---	---	---	---	10	10	---	---	---	---
25	4	4	---	---	---	---	3	3	---	---	---	---
24	5	5	---	---	---	---	5	5	---	---	---	---
23	3	3	---	---	---	---	4	4	---	---	---	---
22	4	4	---	---	---	---	5	5	---	---	---	---
21	1	1	---	---	---	---	4	4	---	---	---	---
20	9	9	---	---	---	---	6	6	---	---	---	---
19	7	7	---	---	---	---	2	2	---	---	---	---
≤ 18	44	44	---	---	---	---	37	37	---	---	---	---
DOMESTIC												
Total	136	---	---	77	---	59	132	---	---	74	---	58
≤ 18	136	---	---	77	---	59	132	---	---	74	---	58
											Total trips:	442
JACKSONVILLE HARBOR, FL												
	Inbound						Outbound					
Grand Total	8,767	7,417	183	449	381	337	8,737	7,419	157	408	434	319
FOREIGN												
Total	1,595	1,392	74	64	65	---	1,558	1,395	74	23	64	2
41	2	2	---	---	---	---	---	---	---	---	---	---
40	34	34	---	---	---	---	9	9	---	---	---	---
39	29	29	---	---	---	---	14	14	---	---	---	---
38	45	45	---	---	---	---	29	28	1	---	---	---
37	64	52	12	---	---	---	58	58	---	---	---	---
36	94	90	4	---	---	---	73	72	1	---	---	---
35	55	53	2	---	---	---	47	47	---	---	---	---
34	69	63	6	---	---	---	52	51	1	---	---	---
33	38	29	9	---	---	---	17	17	---	---	---	---
32	50	44	6	---	---	---	44	41	3	---	---	---
31	63	61	2	---	---	---	42	40	2	---	---	---
30	176	172	4	---	---	---	108	103	5	---	---	---
29	196	192	4	---	---	---	181	175	6	---	---	---
28	163	155	8	---	---	---	240	228	10	1	---	1
27	90	88	2	---	---	---	151	142	9	---	---	---
26	133	130	3	---	---	---	176	166	10	---	---	---
25	70	66	4	---	---	---	84	78	6	---	---	---
24	28	25	3	---	---	---	42	32	10	---	---	---
23	15	12	2	1	---	---	39	37	2	---	---	---
22	12	11	1	---	---	---	19	16	3	---	---	---
21	19	19	---	---	---	---	26	23	3	---	---	---
20	2	1	1	---	---	---	7	6	1	---	---	---
19	5	5	---	---	---	---	2	1	---	---	1	---
≤ 18	143	14	1	63	65	---	98	11	1	22	63	1
DOMESTIC												
Total	7,172	6,025	109	385	316	337	7,179	6,024	83	385	370	317
42	2	---	2	---	---	---	---	---	---	---	---	---
38	11	---	11	---	---	---	---	---	---	---	---	---
37	3	---	2	---	---	1	---	---	---	---	---	---
36	12	1	9	---	2	---	4	---	---	---	4	---
35	11	10	1	---	---	---	---	---	---	---	---	---
34	8	---	2	---	---	6	---	---	---	---	---	---
33	16	---	11	---	---	5	1	1	---	---	---	---
31	2	---	1	---	---	---	---	---	---	---	---	---
30	18	---	17	---	---	1	2	---	1	---	---	1
29	9	---	2	---	---	7	1	---	1	---	---	---
28	14	1	2	---	---	11	1	---	1	---	---	---
27	3	---	1	---	---	2	---	---	---	---	---	---

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

JACKSONVILLE HARBOR, FL - continued

Inbound

Outbound

DOMESTIC

26	6	—	3	—	—	3	—	—	—	—	—	—
25	2	—	1	—	—	1	—	—	—	—	—	—
24	2	—	—	—	—	2	3	—	3	—	—	—
23	2	—	1	—	—	1	2	—	2	—	—	—
22	7	—	—	—	—	7	—	—	—	—	—	—
21	2	—	1	—	—	1	—	—	—	—	—	—
20	15	—	—	4	7	4	19	—	7	10	2	—
19	5	—	—	4	—	1	6	—	5	—	—	—
≤ 18	7,022	6,013	42	377	307	283	7,140	6,023	74	373	356	314
											Total trips:	17,504

CANAVERAL HARBOR, FL

Inbound

Outbound

Grand Total	1,297	859	87	225	70	56	1,276	862	82	213	71	48
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FOREIGN

Total	1,011	850	68	47	46	—	1,012	852	66	47	47	—
40	7	6	1	—	—	—	1	1	—	—	—	—
39	6	3	3	—	—	—	—	—	—	—	—	—
38	15	10	5	—	—	—	2	1	1	—	—	—
37	10	—	10	—	—	—	—	—	—	—	—	—
36	8	—	8	—	—	—	—	—	—	—	—	—
35	5	1	4	—	—	—	3	—	3	—	—	—
34	9	—	9	—	—	—	—	—	—	—	—	—
33	10	3	7	—	—	—	5	1	4	—	—	—
32	15	9	6	—	—	—	13	10	3	—	—	—
31	21	19	2	—	—	—	2	2	—	—	—	—
30	94	91	3	—	—	—	113	100	13	—	—	—
29	173	171	2	—	—	—	193	191	2	—	—	—
28	161	161	—	—	—	—	180	167	13	—	—	—
27	122	119	3	—	—	—	118	106	12	—	—	—
26	90	87	3	—	—	—	97	92	5	—	—	—
25	78	77	1	—	—	—	82	79	3	—	—	—
24	14	14	—	—	—	—	20	16	4	—	—	—
23	13	13	—	—	—	—	4	4	—	—	—	—
22	35	35	—	—	—	—	29	29	—	—	—	—
21	—	—	—	—	—	—	4	3	1	—	—	—
20	16	15	1	—	—	—	31	29	2	—	—	—
≤ 18	109	16	—	47	46	—	115	21	—	47	47	—

DOMESTIC

Total	286	9	19	178	24	56	264	10	16	166	24	48
40	2	—	2	—	—	—	—	—	—	—	—	—
38	1	—	—	—	—	1	—	—	—	—	—	—
36	7	—	7	—	—	—	—	—	—	—	—	—
35	1	—	1	—	—	—	—	—	—	—	—	—
33	3	—	2	—	—	1	1	—	—	—	—	1
31	—	—	—	—	—	—	2	—	—	—	—	2
30	—	—	—	—	—	—	1	—	1	—	—	—
28	2	—	1	—	—	1	1	—	—	—	—	1
27	4	—	—	—	—	4	—	—	—	—	—	—
26	4	—	—	—	—	4	2	—	—	—	—	2
25	3	—	1	—	—	2	—	—	—	—	—	—
24	1	—	—	—	—	1	—	—	—	—	—	—
22	1	—	—	—	—	1	12	—	—	—	11	1
21	2	—	—	—	—	2	5	—	1	—	4	—
20	9	—	—	7	1	1	11	—	—	7	2	2
19	3	—	—	—	—	3	3	—	—	—	2	1
≤ 18	243	9	5	171	23	35	226	10	14	159	5	38
											Total trips:	2,573

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
PALM BEACH HARBOR, FL												
			Inbound						Outbound			
Grand Total	1,621	1,496	11	54	44	16	1,664	1,528	13	64	43	16
FOREIGN												
Total	1,248	1,237	11	—	—	—	1,282	1,269	13	—	—	—
38	4	4	—	—	—	—	2	2	—	—	—	—
33	1	1	—	—	—	—	1	1	—	—	—	—
32	1	1	—	—	—	—	1	1	—	—	—	—
31	—	—	—	—	—	—	1	—	1	—	—	—
30	1	1	—	—	—	—	1	—	1	—	—	—
29	5	5	—	—	—	—	7	6	1	—	—	—
28	3	3	—	—	—	—	2	2	—	—	—	—
27	12	12	—	—	—	—	14	14	—	—	—	—
26	189	189	—	—	—	—	230	230	—	—	—	—
25	50	50	—	—	—	—	17	17	—	—	—	—
24	50	49	1	—	—	—	26	26	—	—	—	—
23	12	9	3	—	—	—	44	43	1	—	—	—
22	14	14	—	—	—	—	8	8	—	—	—	—
21	13	9	4	—	—	—	12	8	4	—	—	—
20	12	10	2	—	—	—	5	4	1	—	—	—
19	1	1	—	—	—	—	55	55	—	—	—	—
≤ 18	880	879	1	—	—	—	856	852	4	—	—	—
DOMESTIC												
Total	373	259	—	54	44	16	382	259	—	64	43	16
31	1	—	—	—	—	1	—	—	—	—	—	—
30	1	—	—	—	—	1	—	—	—	—	—	—
28	3	—	—	—	—	3	—	—	—	—	—	—
27	1	—	—	—	—	1	—	—	—	—	—	—
23	—	—	—	—	—	—	12	—	—	—	12	—
22	—	—	—	—	—	—	12	—	—	—	12	—
20	—	—	—	—	—	—	11	—	—	—	11	—
19	—	—	—	—	—	—	6	—	—	—	6	—
≤ 18	367	259	—	54	44	10	341	259	—	64	2	16
										Total trips:	3,285	
PORT EVERGLADES HARBOR, FL												
			Inbound						Outbound			
Grand Total	5,340	4,708	299	103	16	214	5,349	4,714	300	103	16	216
FOREIGN												
Total	3,803	3,673	109	21	—	—	3,811	3,679	110	22	—	—
46	1	1	—	—	—	—	1	1	—	—	—	—
41	2	2	—	—	—	—	—	—	—	—	—	—
40	52	52	—	—	—	—	15	15	—	—	—	—
39	29	29	—	—	—	—	32	32	—	—	—	—
38	20	9	11	—	—	—	34	33	1	—	—	—
37	40	4	36	—	—	—	26	3	23	—	—	—
36	18	9	9	—	—	—	14	11	3	—	—	—
35	25	18	7	—	—	—	19	11	8	—	—	—
34	15	12	3	—	—	—	18	14	4	—	—	—
33	70	62	8	—	—	—	84	71	13	—	—	—
32	123	110	13	—	—	—	105	100	5	—	—	—
31	146	146	—	—	—	—	114	111	3	—	—	—
30	322	316	6	—	—	—	323	313	10	—	—	—
29	131	130	1	—	—	—	160	157	3	—	—	—
28	126	125	1	—	—	—	132	122	10	—	—	—
27	220	215	5	—	—	—	237	229	8	—	—	—
26	127	125	2	—	—	—	162	151	11	—	—	—
25	64	63	1	—	—	—	56	56	—	—	—	—
24	87	85	2	—	—	—	84	81	3	—	—	—
23	137	137	—	—	—	—	57	56	1	—	—	—
22	77	77	—	—	—	—	53	53	—	—	—	—
21	147	146	1	—	—	—	106	105	1	—	—	—
20	112	110	2	—	—	—	66	65	1	—	—	—
19	146	146	—	—	—	—	144	144	—	—	—	—
≤ 18	1,566	1,544	1	21	—	—	1,769	1,745	2	22	—	—

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

PORT EVERGLADES HARBOR, FL - continued
Inbound

Outbound

DOMESTIC

Total	1,537	1,035	190	82	16	214	1,538	1,035	190	81	16	216
43	6	—	6	—	—	—	—	—	—	—	—	—
42	13	—	6	—	—	7	—	—	—	—	—	—
40	19	—	18	—	—	1	—	—	—	—	—	—
38	36	—	30	—	—	6	—	—	—	—	—	—
37	39	—	33	—	—	6	—	—	—	—	—	—
36	11	—	11	—	—	—	3	—	3	—	—	—
35	10	—	6	—	—	4	1	—	1	—	—	—
34	3	—	2	—	—	1	1	—	—	—	—	1
33	11	—	9	—	—	2	2	—	1	—	—	1
32	2	—	1	—	—	1	4	—	4	—	—	—
31	2	—	1	—	—	1	—	—	—	—	—	—
30	24	—	6	—	—	18	3	—	1	—	—	2
29	7	—	3	—	—	4	1	—	—	—	—	1
28	12	—	3	—	—	9	1	—	—	—	—	1
27	17	—	1	—	—	16	1	—	—	—	—	1
26	21	—	1	—	—	20	5	—	—	—	—	5
25	10	—	7	—	—	3	2	—	1	—	—	1
24	694	675	9	—	—	10	678	675	1	—	—	2
23	8	—	6	—	—	2	1	—	1	—	—	—
22	12	—	—	—	9	3	13	—	13	—	—	—
21	11	—	5	—	2	4	28	—	27	—	—	1
20	41	—	—	17	—	24	30	—	—	18	—	12
19	4	—	—	—	1	3	1	—	—	—	—	1
≤ 18	524	360	26	65	4	69	763	360	137	63	16	187
										Total trips:		10,689

MIAMI HARBOR, FL

Inbound

Outbound

Grand Total	2,635	2,599	17	9	—	10	2,625	2,597	17	5	1	5
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FOREIGN

Total	2,617	2,599	17	1	—	—	2,616	2,597	17	1	1	—
46	5	5	—	—	—	—	5	5	—	—	—	—
43	6	6	—	—	—	—	6	6	—	—	—	—
42	10	10	—	—	—	—	9	9	—	—	—	—
41	26	26	—	—	—	—	11	11	—	—	—	—
40	46	46	—	—	—	—	37	37	—	—	—	—
39	67	67	—	—	—	—	59	59	—	—	—	—
38	70	70	—	—	—	—	69	69	—	—	—	—
37	39	37	2	—	—	—	50	49	1	—	—	—
36	23	23	—	—	—	—	29	29	—	—	—	—
35	66	62	4	—	—	—	65	64	1	—	—	—
34	17	15	2	—	—	—	19	19	—	—	—	—
33	21	19	2	—	—	—	26	22	4	—	—	—
32	87	87	—	—	—	—	89	89	—	—	—	—
31	6	4	2	—	—	—	14	12	2	—	—	—
30	17	17	—	—	—	—	18	17	1	—	—	—
29	69	68	1	—	—	—	78	77	1	—	—	—
28	320	320	—	—	—	—	318	317	1	—	—	—
27	127	124	3	—	—	—	130	129	1	—	—	—
26	188	188	—	—	—	—	197	195	2	—	—	—
25	135	134	1	—	—	—	138	137	1	—	—	—
24	42	42	—	—	—	—	31	30	1	—	—	—
23	57	57	—	—	—	—	48	47	1	—	—	—
22	311	311	—	—	—	—	334	334	—	—	—	—
21	43	43	—	—	—	—	18	18	—	—	—	—
20	75	75	—	—	—	—	81	81	—	—	—	—
19	22	22	—	—	—	—	10	10	—	—	—	—
≤ 18	722	721	—	1	—	—	727	725	—	1	1	—

DOMESTIC

Total	18	—	—	8	—	10	9	—	—	4	—	5
≤ 18	18	—	—	8	—	10	9	—	—	4	—	5
										Total trips:		5,260

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
MIAMI RIVER, FL												
				Upbound						Downbound		
Grand Total	517	516	---	1	---	---	526	525	---	1	---	---
FOREIGN												
Total	516	516	---	---	---	---	525	525	---	---	---	---
15	28	28	---	---	---	---	66	66	---	---	---	---
14	29	29	---	---	---	---	48	48	---	---	---	---
13	158	158	---	---	---	---	150	150	---	---	---	---
12	7	7	---	---	---	---	7	7	---	---	---	---
11	183	183	---	---	---	---	145	145	---	---	---	---
10	4	4	---	---	---	---	9	9	---	---	---	---
8	66	66	---	---	---	---	67	67	---	---	---	---
7	1	1	---	---	---	---	---	---	---	---	---	---
≤ 6	40	40	---	---	---	---	33	33	---	---	---	---
DOMESTIC												
Total	1	---	---	1	---	---	1	---	---	1	---	---
7	1	---	---	1	---	---	1	---	---	1	---	---
										Total trips:		1,043
ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA, AND THE ST. JOHNS RIVER, FL (JACKSONVILLE DISTRICT) (15 feet and less)												
				Upbound						Downbound		
Grand Total	273	1	---	144	12	116	189	---	---	98	11	80
										Total trips:		462
BAKERS HAULOVER INLET, FL No Vessel Trips Reported												
EAU GALLIE HARBOR, FL No Vessel Trips Reported												
FORT PIERCE HARBOR, FL (12 feet and less)												
				Inbound						Outbound		
Grand Total	39	---	---	26	13	---	42	2	---	24	16	---
										Total trips:		81
INTRACOASTAL WATERWAY, JACKSONVILLE TO MIAMI, FL (15 feet and less)												
				Upbound						Downbound		
Grand Total	322	269	---	38	13	2	354	269	---	50	7	28
										Total trips:		676
INTRACOASTAL WATERWAY, MIAMI TO KEY WEST, FL (14 feet and less)												
				Upbound						Downbound		
Grand Total	17	6	---	10	---	1	18	7	---	10	---	1
										Total trips:		35
KEY WEST HARBOR, FL (30 feet and less)												
				Inbound						Outbound		
Grand Total	703	703	---	---	---	---	700	700	---	---	---	---
										Total trips:		1,403
MELBOURNE HARBOR, FL No Vessel Trips Reported												

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels			Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker		Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
NEW RIVER, FL (7 feet and less)													
				Upbound							Downbound		
Grand Total	1	---	---	1	---	---	1	---	---	---	1	---	---
	Total trips:											1	2
OKLAWAHA RIVER, FL No Vessel Trips Reported													
PONCE DE LEON INLET, FL (12 feet and less)													
				Upbound							Downbound		
Grand Total	8	---	---	8	---	---	19	---	---	---	10	9	---
	Total trips:											10	27
RICE CREEK, FL No Vessel Trips Reported													
ST. AUGUSTINE HARBOR, FL (11 feet and less)													
				Inbound							Outbound		
Grand Total	2	---	---	1	1	---	3	1	---	---	1	1	---
	Total trips:											1	5
ST. JOHNS RIVER, FL JACKSONVILLE TO LAKE HARNEY (10 feet and less)													
				Upbound							Downbound		
Grand Total	8	---	---	4	2	2	8	---	---	---	4	2	2
	Total trips:											4	16
ST. LUCIE INLET, FL (7 feet and less)													
				Upbound							Downbound		
Grand Total	4	---	---	4	---	---	23	2	---	---	8	1	12
	Total trips:											8	27

Trips and Drafts of Vessels, 2016
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
ATLANTIC INTRACOASTAL WATERWAY (CONSOLIDATED REPORT) BETWEEN NORFOLK, VA AND THE ST. JOHNS RIVER, FL												
	Upbound						Downbound					
Grand Total	17,019	14,627	---	1,320	541	531	17,069	14,627	---	1,321	547	574
FOREIGN												
Total	---	---	---	---	---	---	1	---	---	1	---	---
10	---	---	---	---	---	---	1	---	---	1	---	---
DOMESTIC												
Total	17,019	14,627	---	1,320	541	531	17,068	14,627	---	1,320	547	574
15	388	385	---	3	---	---	386	385	---	---	---	1
14	2	---	---	---	2	---	15	---	---	---	3	12
13	3	---	---	---	3	---	34	---	---	---	34	---
12	230	---	---	226	---	4	231	---	---	226	2	3
11	5	---	---	---	3	2	6	---	---	1	---	5
10	43	---	---	31	1	11	83	---	---	58	14	11
9	179	---	---	143	---	36	541	---	---	248	51	242
8	463	56	---	339	32	36	713	56	---	416	136	105
7	507	26	---	374	64	43	340	25	---	158	116	41
≤ 6	15,199	14,160	---	204	436	399	14,719	14,161	---	213	191	154
										Total trips:		34,088

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