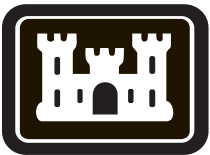

WATERBORNE COMMERCE OF THE UNITED STATES

Calendar Year 2002

Part 1—
Waterways and Harbors
Atlantic Coast



Department of the Army
Corps of Engineers

Institute for Water Resources

IWR-WCUS-02-1

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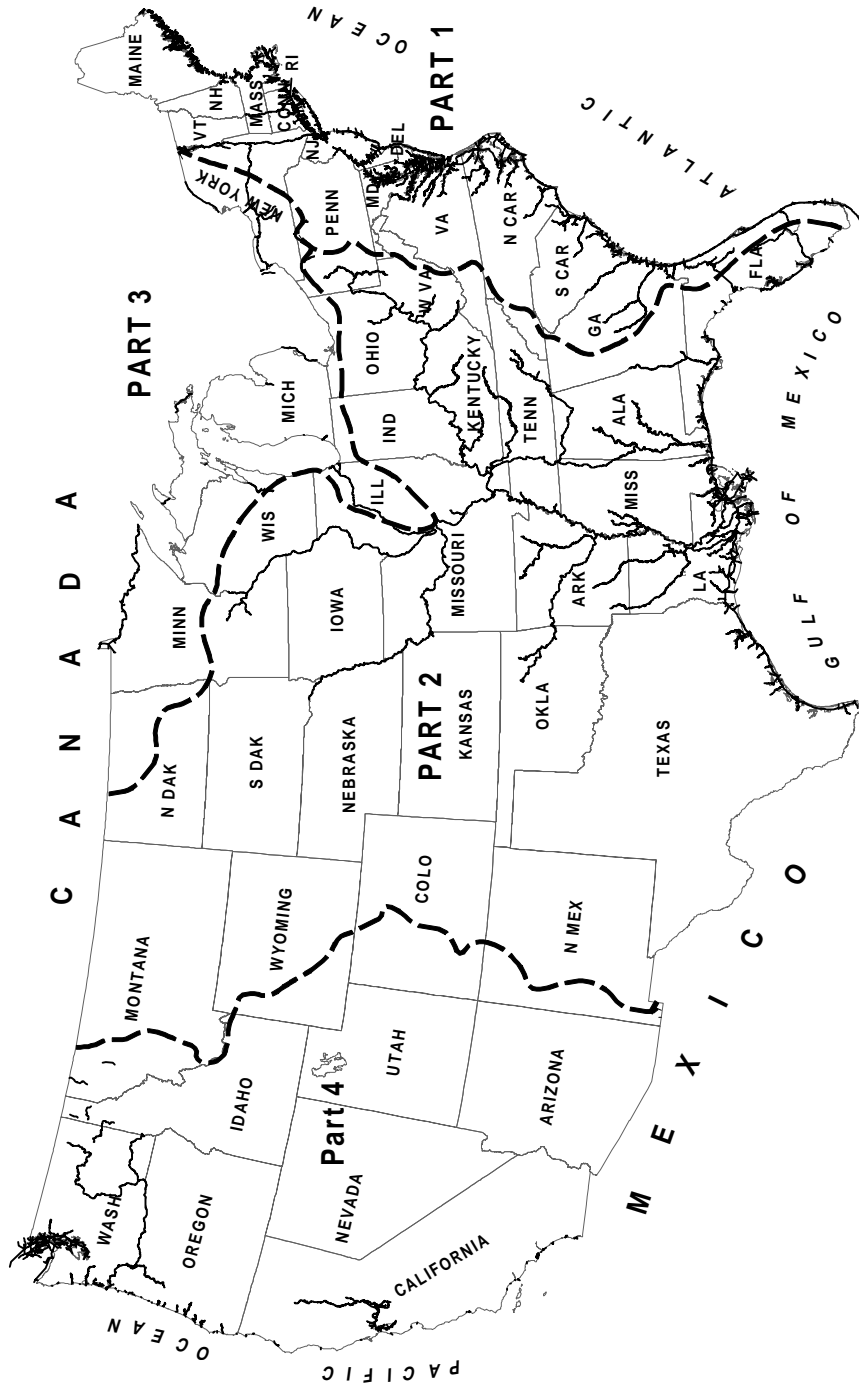


Compiled under the supervision of
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Alexandria, Virginia

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Geographical Areas Covered by
Waterborne Commerce Statistics Publications
of the
DEPARTMENT OF THE ARMY CORPS OF ENGINEERS
(Heavy broken lines indicate the limits embraced by
each part of the five part series)



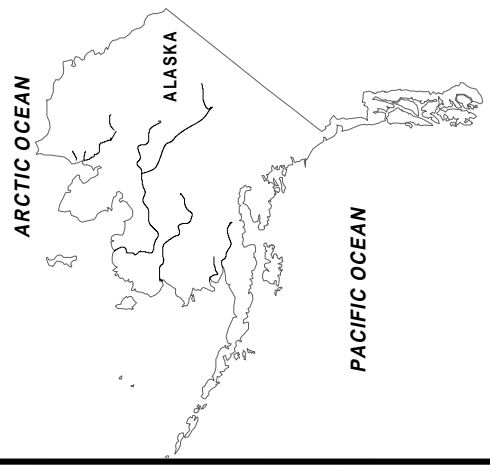
WATERBORNE COMMERCE OF THE UNITED STATES

- Part 1 - Atlantic Coast
- Part 2 - Gulf Coast, Mississippi River System and Antilles
- Part 3 - Great Lakes
- Part 4 - Pacific Coast, Alaska and Hawaii
- Part 5 - Waterborne Commerce of the United States
(National Summary)

PART 2



PART 4



PART 4



PART 5

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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, the Commonwealth of Puerto Rico, and the Virgin Islands.

Data on foreign commerce are supplied to the Corps of Engineers by the U.S. Bureau of the Census, U.S. Customs, and purchased from the Journal of Commerce, Port Import Export Reporting Service.

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 purchased from the Port Import Export Reporting Service, a division of the Journal of Commerce and supplemented by data furnished to the Corps of Engineers by the U.S. Bureau of the Census and the U.S. Customs Service. 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 1-5** represent short tons (2,000 pounds). A dash means zero tons. A zero represents tonnage that rounds down to zero. 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

Domestic and foreign ton-miles are calculated by multiplying the tons of the commerce being moved by the number of miles actually moved on the waterway or channel as defined for each freight table. 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 the U.S. Customs Service and processed by the U.S. Maritime Administration.

To more accurately reflect actual traffic patterns (e.g. inbound versus outbound trip

counts), some adjustments are made to the 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.

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.

Errata were issued for the calendar year 2000 **WCUS, Parts 1-5** publications to correct a conversion factor problem with inbound foreign crude petroleum. The corrected publications are available on our web site:

www.iwr.usace.army.mil/ndc/wcsc/wcsc.htm

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. Domestic and foreign ton-miles are calculated by multiplying the tons of commerce being moved by the number of miles actually moved on the waterway or channel as defined for each freight table (e.g. 50 short tons moving 200 miles on a particular waterway would yield 10,000 ton-miles for that waterway). The ton-mile parameter measures the total activity on a waterway or channel. Ton-miles are not computed for ports.

For rivers, channels and inland waterways the distances were computed from waterway survey maps and records of the Corps of Engineers.

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
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 Liquid Natural Gas
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
3282 Pigments & Paints

Major Grouping

Minor Grouping

Pub Group Pub Name

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

50 Primary Manufactured Goods

Commodity Classification List (continued)

<u>Major Grouping</u>		<u>Major Grouping</u>	
<u>Minor Grouping</u>	<u>Pub Group Pub Name</u>	<u>Minor Grouping</u>	<u>Pub Group Pub Name</u>
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		
	6817 Meat, Prepared		

Section 1

Freight Traffic

PENOBSCOT RIVER, ME

Section Included: Mouth to Bangor, Maintained Depth: 18.2 feet in channel opposite Lawrence Cove and 20.5 feet in channel opposite Frankfort Flats, 11.7' at Bangor Harbor. Tidal range to 13 feet mean higher high water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1993	1,602	1996	1,393	1999	1,157	2002	439
1994	1,653	1997	1,698	2000	745		
1995	1,696	1998	1,556	2001	298		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Foreign	Canadian	Domestic
		Inbound	Inbound	Coastwise Receipts
Total, all commodities	439	74	7	358
Total petroleum and petroleum products	439	74	7	358
Subtotal petroleum products	439	74	7	358
2211 gasoline	130	—	—	130
2221 kerosene	7	—	—	7
2330 distillate fuel oil	128	57	7	64
2340 residual fuel oil	142	17	—	125
2430 asphalt, tar & pitch	32	—	—	32
Ton-miles (x1000)	6,184	1,400	134	4,651

Tons All Traffic (x1000) 439
Ton-miles All Traffic (x1000) 6,184

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; 33.5 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
1993	1,407	1996	1,433	1999	1,302	2002	1,040
1994	1,136	1997	1,537	2000	1,441		
1995	1,263	1998	1,329	2001	1,196		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Foreign	Canadian	Domestic		
		Inbound	Inbound	Total	Coastwise	
				Receipts	Shipments	
Total, all commodities	1,040	141	622	276	272	4
Total petroleum and petroleum products	883	91	548	244	240	4
Subtotal petroleum products	883	91	548	244	240	4
2211 gasoline	206	—	206	—	—	—
2221 kerosene	54	16	12	25	25	—
2330 distillate fuel oil	229	21	204	4	—	4
2340 residual fuel oil	394	54	126	215	215	—
Total chemicals and related products	43	10	—	32	32	—
Subtotal other chemicals and related products	43	10	—	32	32	—
3274 sodium hydroxide	38	6	—	32	32	—
3275 inorg. elem., oxides, & halogen salts	5	5	—	—	—	—
Total crude materials, inedible except fuels	114	40	74	—	—	—
Subtotal other non-metal. min.	114	40	74	—	—	—
4900 non-metal. min. nec	114	40	74	—	—	—
Total food and farm products	0	—	0	—	—	—
Subtotal fish	0	—	0	—	—	—
6134 fish (not shellfish)	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
1993	11,171	1996	15,243	1999	20,371	2002	27,132
1994	14,245	1997	16,334	2000	28,795		
1995	11,456	1998	15,064	2001	28,492		

Freight Traffic, 2002 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound	Inbound*	Outbound*
Total, all commodities	25,145	19,262	155	5,709	20
Total coal	114	114	—	—	—
1100 coal lignite	114	114	—	—	—
Total petroleum and petroleum products	24,146	18,729	—	5,417	—
Subtotal crude petroleum	21,440	17,860	—	3,580	—
2100 crude petroleum	21,440	17,860	—	3,580	—
Subtotal petroleum products	2,706	869	—	1,836	—
2211 gasoline	1,456	184	—	1,272	—
2221 kerosene	38	32	—	6	—
2330 distillate fuel oil	566	83	—	483	—
2340 residual fuel oil	28	—	—	28	—
2350 lube oil & greases	619	571	—	48	—
Total chemicals and related products	243	240	—	2	1
Subtotal other chemicals and related products	243	240	—	2	1
3220 alcohols	0	—	—	0	—
3275 inorg. elem., oxides, & halogen salts	0	—	—	0	—
3286 plastics	1	—	—	0	1
3292 starches, gluten, glue	17	15	—	2	—
3299 chem. products nec	225	225	—	—	—
Total crude materials, inedible except fuels	491	178	127	176	10
Subtotal forest products, wood and chips	13	3	0	8	1
4110 rubber & gums	0	—	—	0	—
4189 lumber	4	3	—	0	1
4190 forest products nec	9	—	0	8	1
Subtotal pulp and waste paper	51	—	42	—	8
4225 pulp & waste paper	51	—	42	—	8
Subtotal iron ore and scrap	85	—	85	—	—
4420 iron & steel scrap	85	—	85	—	—
Subtotal sulphur, clay and salt	62	62	—	—	—
4782 clay & refrac. mat.	62	62	—	—	—
Subtotal other non-metal. min.	281	112	—	169	—
4900 non-metal. min. nec	281	112	—	169	—
Total primary manufactured goods	138	—	24	107	7
Subtotal paper products	124	—	14	103	7
5110 newsprint	103	—	—	103	—
5120 paper & paperboard	21	—	14	—	7
5190 paper products nec	1	—	—	—	1
Subtotal lime, cement and glass	11	—	10	1	0
5240 glass & glass prod.	10	—	10	0	0
5290 misc. mineral prod.	1	—	—	1	—
Subtotal primary iron and steel products	0	—	—	0	—
5320 i&s primary forms	0	—	—	0	—
Subtotal primary non-ferrous metal products	3	—	—	3	0
5480 fab. metal products	3	—	—	3	0
Subtotal primary wood products	0	—	—	0	—
5540 primary wood prod.	0	—	—	0	—
Total food and farm products	4	0	—	3	1
Subtotal fish	1	—	—	0	1
6134 fish (not shellfish)	1	—	—	0	1
6136 shellfish	0	—	—	0	0
Subtotal vegetable products	0	0	—	—	0
6654 vegetables & prod.	0	0	—	—	0
Subtotal other agricultural products	3	—	—	3	0
6835 fish, prepared	0	—	—	0	—
6839 animals & prod. nec	0	—	—	0	0
6858 fruit juices	0	—	—	—	0
6885 alcoholic beverages	3	—	—	3	0
6889 food products nec	0	—	—	0	0
6899 farm products nec	0	—	—	0	—
Total all manufactured equipment, machinery and products	7	—	4	2	1
7110 machinery (not elec)	4	—	4	0	0
7120 electrical machinery	0	—	—	0	0
7210 vehicles & parts	0	—	—	0	0
7230 ships & boats	0	—	—	0	0
7400 manufac. wood prod.	0	—	—	0	0

PORTLAND HARBOR, ME
Freight Traffic, 2002 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound	Inbound*	Outbound*
7500 textile products	1	—	—	1	0
7600 rubber & plastic pr.	0	—	—	0	0
7900 manufac. prod. nec	1	—	—	0	1
Total unknown or not elsewhere classified	1	—	—	1	0
9900 unknown or nec	1	—	—	1	0
Ton-miles (x1000) Foreign & Canadian	31,025	21,390	464	9,130	40

Commodity	Total	Domestic			
		Coastwise		Internal	
		Receipts	Shipments	Upbound	Downbnd
Total, all commodities	1,987	1,799	33	54	101
Total coal	72	72	—	—	—
1100 coal lignite	72	72	—	—	—
Total petroleum and petroleum products	1,915	1,727	33	54	101
Subtotal petroleum products	1,915	1,727	33	54	101
2211 gasoline	821	813	8	—	—
2221 kerosene	69	65	—	—	4
2330 distillate fuel oil	642	611	19	—	12
2340 residual fuel oil	337	192	7	54	85
2430 asphalt, tar & pitch	46	46	—	—	—
Ton-miles (x1000) Domestic	4,681	4,230	105	65	280

Tons All Traffic (x1000) 27,132
Ton-miles All Traffic (x1000) 35,706
Total Trip-ton-miles Internal and Intraport (x1000) 356

*Includes 18,242,390 tons of foreign inbound in-transits; Includes 3,714,883 tons of Canadian inbound in-transits;
Includes 46 tons of Canadian outbound in-transits.

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
1993	3,692	1996	3,708	1999	4,556	2002	4,108
1994	3,479	1997	3,954	2000	4,462		
1995	3,914	1998	4,194	2001	4,447		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic Coastwise Receipts
		Inbound	Outbound		
Total, all commodities	4,108	1,540	79	1,858	631
Total coal	606	541	—	—	65
1100 coal lignite	606	541	—	—	65
Total petroleum and petroleum products	1,934	500	—	895	538
Subtotal petroleum products	1,934	500	—	895	538
2211 gasoline	386	43	—	250	93
2221 kerosene	70	16	—	16	38
2330 distillate fuel oil	707	48	—	594	66
2340 residual fuel oil	318	96	—	36	186
2430 asphalt, tar & pitch	155	—	—	—	155
2540 petroleum coke	28	28	—	—	—
2640 liquid natural gas	271	271	—	—	—
Total chemicals and related products	17	17	—	—	—
Subtotal other chemicals and related products	17	17	—	—	—
3274 sodium hydroxide	17	17	—	—	—
Total crude materials, inedible except fuels	1,478	481	36	961	—
Subtotal soil, sand, gravel, rock and stone	774	—	—	774	—
4323 gypsum	662	—	—	662	—
4331 sand & gravel	112	—	—	112	—
Subtotal iron ore and scrap	36	—	36	—	—
4420 iron & steel scrap	36	—	36	—	—

PORTSMOUTH HARBOR, NH
Freight Traffic, 2002 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic
		Inbound	Outbound	Inbound	Coastwise Receipts
Subtotal other non-metal. min.	667	481	---	186	---
4900 non-metal. min. nec	667	481	---	186	---
Total primary manufactured goods	31	---	---	2	29
Subtotal lime, cement and glass	31	---	---	2	29
5220 cement & concrete	29	---	---	---	29
5290 misc. mineral prod.	2	---	---	2	---
Total food and farm products	20	---	20	---	---
Subtotal other agricultural products	20	---	20	---	---
6838 tallow, animal oils	20	---	20	---	---
Total all manufactured equipment, machinery and products	21	---	21	---	---
7110 machinery (not elec)	0	---	0	---	---
7120 electrical machinery	20	---	20	---	---
Total unknown or not elsewhere classified	2	---	2	---	---
9900 unknown or nec	2	---	2	---	---
Ton-miles (x1000)	16,162	5,219	243	7,433	3,267

Tons All Traffic (x1000) **4,108**
Ton-miles All Traffic (x1000) **16,162**

SALEM HARBOR, MA

Section Included: Westerly shore of harbor. Controlling Depth: 30 feet at mean low water in the 32-foot channel. Project Depth: Main channel 32 feet at mean low water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1993	1,558	1996	1,432	1999	1,422	2002	867
1994	1,227	1997	1,599	2000	1,205		
1995	1,197	1998	1,692	2001	1,058		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Foreign	Canadian	Domestic
		Inbound	Inbound	Coastwise Receipts
Total, all commodities	867	757	19	92
Total coal	757	757	---	---
1100 coal lignite	757	757	---	---
Total petroleum and petroleum products	111	---	19	92
Subtotal petroleum products	111	---	19	92
2340 residual fuel oil	111	---	19	92

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
1993	19,448	1996	20,104	1999	22,171	2002	20,354
1994	18,870	1997	20,893	2000	20,751		
1995	16,744	1998	21,222	2001	20,581		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic			
		Inbound*	Outbound*	Inbound*	Outbound*	Total	Coastwise	Internal	
						Receipts	Shipments	Intraport	
Total, all commodities	20,354	6,952	689	5,520	83	7,110	5,173	633	1,303
Total coal	46	46	---	---	---	---	---	---	---
1100 coal lignite	46	46	---	---	---	---	---	---	---
Total petroleum and petroleum products	14,805	5,311	3	4,985	0	4,506	4,186	167	153
Subtotal crude petroleum	23	11	---	12	---	---	---	---	---

PORT OF BOSTON, MA
Freight Traffic, 2002 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic			
		Inbound*	Outbound*	Inbound*	Outbound*	Total	Coastwise		Internal Intraport
							Receipts	Shipments	
2100 crude petroleum	23	11	—	12	—	—	—	—	
Subtotal petroleum products	14,782	5,300	3	4,973	0	4,506	4,186	167	
2211 gasoline	6,452	1,067	—	3,694	—	1,691	1,667	5	
2221 kerosene	823	154	—	132	—	537	531	6	
2330 distillate fuel oil	2,218	373	1	479	—	1,366	1,165	118	
2340 residual fuel oil	826	40	1	95	—	690	624	16	
2350 lube oil & greases	10	0	0	8	—	2	—	2	
2410 petro. jelly & waxes	0	0	—	—	—	—	—	—	
2429 naphtha & solvents	1,136	578	0	551	0	8	8	—	
2430 asphalt, tar & pitch	190	—	—	—	—	190	190	—	
2540 petroleum coke	2	—	—	2	—	—	—	—	
2640 liquid natural gas	3,102	3,089	0	13	—	—	—	—	
2990 petro. products nec	23	—	0	—	—	23	1	22	
Total chemicals and related products	230	169	20	16	6	20	20	—	
Subtotal fertilizers	0	0	0	—	—	—	—	—	
3110 nitrogenous fert.	0	—	0	—	—	—	—	—	
3120 phosphatic fert.	0	0	—	—	—	—	—	—	
3190 fert. & mixes nec	0	—	0	—	—	—	—	—	
Subtotal other chemicals and related products	230	169	19	16	6	20	20	—	
3219 other hydrocarbons	0	0	0	—	0	—	—	—	
3220 alcohols	0	0	0	0	—	—	—	—	
3230 carboxylic acids	58	58	0	—	0	—	—	—	
3240 nitrogen func. comp.	1	1	0	0	0	—	—	—	
3250 organo - inorg. comp.	0	0	0	—	0	—	—	—	
3260 organic comp. nec	0	0	0	—	—	—	—	—	
3274 sodium hydroxide	9	0	0	9	—	—	—	—	
3275 inorg. elem., oxides, & halogen salts	1	1	0	0	0	—	—	—	
3276 metallic salts	16	1	0	1	0	13	13	—	
3279 inorganic chem. nec	4	0	0	4	0	—	—	—	
3282 pigments & paints	4	2	2	0	0	—	—	—	
3283 coloring mat. nec	2	2	0	0	0	—	—	—	
3284 medicines	0	0	0	0	—	—	—	—	
3285 perfumes & cleansers	7	1	4	1	1	—	—	—	
3286 plastics	17	6	10	1	0	—	—	—	
3291 pesticides	4	0	0	—	4	—	—	—	
3292 starches, gluten, glue	16	15	0	0	—	—	—	—	
3297 chemical additives	6	0	0	0	—	6	6	—	
3298 wood & resin chem.	0	—	0	—	—	—	—	—	
3299 chem. products nec	84	82	1	0	0	—	—	—	
Total crude materials, inedible except fuels	1,559	458	445	298	53	305	—	305	
Subtotal forest products, wood and chips	35	3	26	1	5	—	—	—	
4110 rubber & gums	0	0	0	—	—	—	—	—	
4150 fuel wood	0	—	0	—	0	—	—	—	
4170 wood in the rough	16	0	15	0	0	—	—	—	
4189 lumber	19	3	11	0	5	—	—	—	
4190 forest products nec	1	0	0	1	—	—	—	—	
Subtotal pulp and waste paper	113	0	82	—	31	—	—	—	
4225 pulp & waste paper	113	0	82	—	31	—	—	—	
Subtotal soil, sand, gravel, rock and stone	476	11	0	175	—	290	—	290	
4310 building stone	11	11	—	0	—	—	—	—	
4322 limestone	0	0	—	—	—	—	—	—	
4323 gypsum	175	—	—	175	—	—	—	—	
4331 sand & gravel	290	0	0	0	—	290	—	290	
Subtotal iron ore and scrap	349	—	335	—	0	15	—	15	
4420 iron & steel scrap	349	—	335	—	0	15	—	15	
Subtotal marine shells	0	0	—	—	—	—	—	—	
4515 marine shells	0	0	—	—	—	—	—	—	
Subtotal non-ferrous ores and scrap	2	0	1	1	0	—	—	—	
4650 aluminum ore	1	0	0	1	—	—	—	—	
4680 non-ferrous scrap	1	—	1	—	0	—	—	—	
Subtotal sulphur, clay and salt	17	0	0	—	17	—	—	—	
4741 sulphur, (dry)	0	0	—	—	—	—	—	—	
4782 clay & refrac. mat.	17	0	0	—	17	—	—	—	
Subtotal slag	0	0	—	—	—	—	—	—	
4860 slag	0	0	—	—	—	—	—	—	
Subtotal other non-metal. min.	565	444	0	121	—	—	—	—	
4900 non-metal. min. nec	565	444	0	121	—	—	—	—	
Total primary manufactured goods	1,272	350	122	15	6	779	779	—	
Subtotal paper products	26	13	10	2	0	—	—	—	
5110 newsprint	0	—	0	—	—	—	—	—	
5120 paper & paperboard	23	11	9	2	0	—	—	—	
5190 paper products nec	3	2	1	0	0	—	—	—	
Subtotal lime, cement and glass	1,102	314	1	9	0	779	779	—	
5220 cement & concrete	987	208	—	—	—	779	779	—	
5240 glass & glass prod.	5	3	1	2	—	—	—	—	
5290 misc. mineral prod.	110	102	0	7	0	—	—	—	

PORT OF BOSTON, MA
Freight Traffic, 2002 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic			Internal Intraport
		Inbound*	Outbound*	Inbound*	Outbound*	Total	Coastwise		
							Receipts	Shipments	
Subtotal primary iron and steel products	46	3	37	1	5	---	---	---	---
5312 pig iron	0	0	---	---	---	---	---	---	---
5320 i&s primary forms	41	0	36	0	5	---	---	---	---
5330 i&s plates & sheets	1	1	0	0	1	---	---	---	---
5360 i&s bars & shapes	2	1	0	1	---	---	---	---	---
5370 i&s pipe & tube	1	1	0	0	---	---	---	---	---
5390 primary i&s nec	1	1	1	0	---	---	---	---	---
Subtotal primary non-ferrous metal products	96	19	74	3	0	---	---	---	---
5421 copper	3	1	1	1	0	---	---	---	---
5422 aluminum	2	1	0	1	0	---	---	---	---
5429 smelted prod. nec	54	0	53	---	0	---	---	---	---
5480 fab. metal products	38	17	20	2	0	---	---	---	---
Subtotal primary wood products	2	1	0	0	---	---	---	---	---
5540 primary wood prod.	2	1	0	0	---	---	---	---	---
Total food and farm products	435	317	60	46	13	---	---	---	---
Subtotal fish	88	65	3	11	10	---	---	---	---
6134 fish (not shellfish)	74	57	2	7	7	---	---	---	---
6136 shellfish	15	7	1	3	3	---	---	---	---
Subtotal grain	3	1	2	0	---	---	---	---	---
6241 wheat	0	0	---	---	---	---	---	---	---
6344 corn	2	---	2	---	---	---	---	---	---
6442 rice	1	1	0	0	---	---	---	---	---
6443 barley & rye	0	0	---	---	---	---	---	---	---
Subtotal oilseeds	0	0	0	---	---	---	---	---	---
6590 oilseeds nec	0	0	0	---	---	---	---	---	---
Subtotal vegetable products	84	80	3	1	0	---	---	---	---
6653 vegetable oils	74	73	1	0	0	---	---	---	---
6654 vegetables & prod.	10	7	2	1	---	---	---	---	---
Subtotal processed grain and animal feed	15	3	12	0	0	---	---	---	---
6746 wheat flour	1	---	1	---	0	---	---	---	---
6747 grain mill products	3	2	1	0	0	---	---	---	---
6781 hay & fodder	5	---	5	---	---	---	---	---	---
6782 animal feed, prep.	6	0	6	0	0	---	---	---	---
Subtotal other agricultural products	244	169	40	33	2	---	---	---	---
6811 meat, fresh, frozen	1	0	1	0	---	---	---	---	---
6817 meat, prepared	0	0	0	---	---	---	---	---	---
6822 dairy products	2	2	0	---	---	---	---	---	---
6835 fish, prepared	3	2	0	1	1	---	---	---	---
6838 tallow, animal oils	0	0	0	---	---	---	---	---	---
6839 animals & prod. nec	37	3	25	8	0	---	---	---	---
6857 fruit & nuts nec	0	0	0	---	0	---	---	---	---
6858 fruit juices	6	4	0	0	1	---	---	---	---
6861 sugar	1	---	1	---	---	---	---	---	---
6871 coffee	0	0	0	0	---	---	---	---	---
6872 cocoa beans	0	0	---	---	---	---	---	---	---
6885 alcoholic beverages	167	146	0	22	0	---	---	---	---
6888 water & ice	5	3	---	1	---	---	---	---	---
6889 food products nec	20	8	10	2	0	---	---	---	---
6891 tobacco & products	1	---	1	---	---	---	---	---	---
6893 cotton	0	0	0	---	---	---	---	---	---
6894 natural fibers nec	0	0	0	0	---	---	---	---	---
6899 farm products nec	0	0	0	0	---	---	---	---	---
Total all manufactured equipment, machinery and products	673	266	33	19	4	351	189	161	---
7110 machinery (not elec)	24	15	8	1	1	---	---	---	---
7120 electrical machinery	11	7	3	0	1	---	---	---	---
7210 vehicles & parts	135	128	5	1	0	---	---	---	---
7220 aircraft & parts	0	0	0	0	---	---	---	---	---
7230 ships & boats	1	0	0	0	0	---	---	---	---
7300 ordnance & access.	0	0	0	---	0	---	---	---	---
7400 manufac. wood prod.	2	2	0	0	0	---	---	---	---
7500 textile products	20	10	3	6	1	---	---	---	---
7600 rubber & plastic pr.	72	69	2	1	0	---	---	---	---
7900 manufac. prod. nec	409	36	12	9	1	351	189	161	---
Total waste and scrap nec	1,150	---	---	---	---	1,150	---	---	1,150
8900 waste and scrap nec	1,150	---	---	---	---	1,150	---	---	1,150
Total unknown or not elsewhere classified	183	35	7	140	1	---	---	---	---
9900 unknown or nec	183	35	7	140	1	---	---	---	---

*Includes 7,934 tons of foreign inbound in-transits; Includes 6,137 tons of foreign outbound in-transits;
Includes 2,470 tons of Canadian inbound in-transits; Includes 1,892 tons of Canadian outbound in-transits.

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
1993	18,009	1996	17,777	1999	20,056	2002	17,554
1994	17,040	1997	18,394	2000	17,250		
1995	14,448	1998	18,731	2001	17,916		

Freight Traffic, 2002 (thousand short tons)

Commodity	Total**	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound*
Total, all commodities	1,342	752	196	364	30
Total coal	46	46	—	—	—
1100 coal lignite	46	46	—	—	—
Total petroleum and petroleum products	485	202	0	284	0
Subtotal petroleum products	485	202	0	284	0
2211 gasoline	259	28	—	232	—
2221 kerosene	94	81	—	13	—
2330 distillate fuel oil	83	71	—	12	—
2340 residual fuel oil	25	3	—	23	—
2350 lube oil & greases	0	0	0	—	—
2410 petro. jelly & waxes	0	0	—	—	—
2429 naphtha & solvents	23	18	0	4	0
2640 liquid natural gas	0	—	0	—	—
Total chemicals and related products	36	21	11	3	2
Subtotal fertilizers	0	0	0	—	—
3110 nitrogenous fert.	0	—	0	—	—
3120 phosphatic fert.	0	0	—	—	—
3190 fert. & mixes nec	0	—	0	—	—
Subtotal other chemicals and related products	36	21	11	3	2
3219 other hydrocarbons	0	0	0	—	0
3220 alcohols	0	0	0	0	—
3230 carboxylic acids	0	0	0	—	0
3240 nitrogen func. comp.	1	1	0	0	0
3250 organo - inorg. comp.	0	0	0	—	0
3260 organic comp. nec	0	0	0	—	—
3274 sodium hydroxide	0	0	0	—	—
3275 inorg. elem., oxides, & halogen salts	1	1	0	0	0
3276 metallic salts	2	1	0	1	0
3279 inorganic chem. nec	1	0	0	0	0
3282 pigments & paints	3	2	1	0	0
3283 coloring mat. nec	2	2	0	0	0
3284 medicines	0	0	0	0	—
3285 perfumes & cleansers	5	1	3	1	1
3286 plastics	12	6	5	1	0
3291 pesticides	0	0	0	—	—
3292 starches, gluten, glue	1	1	0	0	—
3297 chemical additives	0	0	0	0	—
3299 chem. products nec	6	5	1	0	0
Total crude materials, inedible except fuels	120	15	97	2	7
Subtotal forest products, wood and chips	26	2	17	1	5
4110 rubber & gums	0	0	0	—	—
4150 fuel wood	0	—	0	—	0
4170 wood in the rough	7	0	7	0	0
4189 lumber	18	2	10	0	5
4190 forest products nec	1	0	0	1	—
Subtotal pulp and waste paper	80	0	78	—	2
4225 pulp & waste paper	80	0	78	—	2
Subtotal soil, sand, gravel, rock and stone	12	11	0	0	—
4310 building stone	11	11	—	0	—
4322 limestone	0	0	—	—	—
4331 sand & gravel	0	0	0	0	—
Subtotal iron ore and scrap	0	—	—	—	0
4420 iron & steel scrap	0	—	—	—	0
Subtotal marine shells	0	0	—	—	—
4515 marine shells	0	0	—	—	—
Subtotal non-ferrous ores and scrap	2	0	1	1	0
4650 aluminum ore	1	0	0	1	—
4680 non-ferrous scrap	1	—	1	—	0
Subtotal sulphur, clay and salt	0	0	—	—	—
4741 sulphur, (dry)	0	0	—	—	—
4782 clay & refrac. mat.	0	0	—	—	—
Subtotal slag	0	0	—	—	—
4860 slag	0	0	—	—	—
Subtotal other non-metal. min.	1	0	0	0	—
4900 non-metal. min. nec	1	0	0	0	—
Total primary manufactured goods	193	156	16	15	6
Subtotal paper products	21	12	6	2	0
5110 newsprint	0	—	0	—	—
5120 paper & paperboard	18	11	5	2	0
5190 paper products nec	3	2	1	0	0

MAIN WATERFRONT (INCLUDED IN PORT OF BOSTON)
Freight Traffic, 2002 - continued
(thousand short tons)

Commodity	Total**	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound*
Subtotal lime, cement and glass	130	121	1	9	0
5220 cement & concrete	75	75	—	—	—
5240 glass & glass prod.	5	3	1	2	—
5290 misc. mineral prod.	50	43	0	7	0
Subtotal primary iron and steel products	14	3	4	1	5
5312 pig iron	0	0	—	—	—
5320 i&s primary forms	8	0	3	0	5
5330 i&s plates & sheets	1	1	0	0	1
5360 i&s bars & shapes	2	1	0	1	—
5370 i&s pipe & tube	1	1	0	0	—
5390 primary i&s nec	1	1	1	0	—
Subtotal primary non-ferrous metal products	26	19	4	3	0
5421 copper	3	1	1	1	0
5422 aluminum	2	1	0	1	0
5429 smelted prod. nec	2	0	1	—	0
5480 fab. metal products	20	16	2	2	0
Subtotal primary wood products	2	1	0	0	—
5540 primary wood prod.	2	1	0	0	—
Total food and farm products	302	215	39	38	10
Subtotal fish	54	34	2	10	8
6134 fish (not shellfish)	43	29	1	7	6
6136 shellfish	12	6	1	3	2
Subtotal grain	1	1	0	0	—
6241 wheat	0	0	—	—	—
6442 rice	1	1	0	0	—
6443 barley & rye	0	0	—	—	—
Subtotal oilseeds	0	0	0	—	—
6590 oilseeds nec	0	0	0	—	—
Subtotal vegetable products	12	10	0	1	0
6653 vegetable oils	4	3	—	0	0
6654 vegetables & prod.	8	7	0	1	—
Subtotal processed grain and animal feed	3	3	0	0	0
6746 wheat flour	0	—	0	—	—
6747 grain mill products	3	2	0	0	—
6782 animal feed, prep.	0	0	—	0	0
Subtotal other agricultural products	232	167	37	26	2
6811 meat, fresh, frozen	0	0	—	0	—
6817 meat, prepared	0	0	—	—	—
6822 dairy products	2	2	0	—	—
6835 fish, prepared	3	1	0	1	1
6839 animals & prod. nec	29	3	25	0	0
6857 fruit & nuts nec	0	0	0	—	0
6858 fruit juices	6	4	0	0	1
6861 sugar	1	—	1	—	—
6871 coffee	0	0	—	0	—
6872 cocoa beans	0	0	—	—	—
6885 alcoholic beverages	167	146	0	22	0
6888 water & ice	5	3	—	1	—
6889 food products nec	18	7	10	2	0
6891 tobacco & products	0	—	0	—	—
6893 cotton	0	0	0	—	—
6894 natural fibers nec	0	0	0	0	—
6899 farm products nec	0	0	—	0	—
Total all manufactured equipment, machinery and products	129	79	27	19	4
7110 machinery (not elec)	15	9	4	1	1
7120 electrical machinery	10	7	2	0	1
7210 vehicles & parts	13	7	5	1	0
7220 aircraft & parts	0	0	0	0	—
7230 ships & boats	1	0	0	0	0
7300 ordnance & access.	0	0	0	—	0
7400 manufac. wood prod.	2	2	0	0	0
7500 textile products	19	9	3	6	1
7600 rubber & plastic pr.	11	9	1	1	0
7900 manufac. prod. nec	57	36	11	9	1
Total unknown or not elsewhere classified	29	18	7	3	1
9900 unknown or nec	29	18	7	3	1
Ton-miles (x1000)	1,342	752	196	364	30
Foreign & Canadian					

Commodity	Total**	Domestic					
		Coastwise		Internal			
		Receipts	Shipments	Inbound Downbnd	Outbound Upbound	Intra Downbnd	
Total, all commodities	2,103	1,760	293	6	14	28	2
Total petroleum and petroleum products	1,813	1,760	4	6	14	28	2
Subtotal petroleum products	1,813	1,760	4	6	14	28	2
2211 gasoline	824	824	—	—	—	—	—
2221 kerosene	473	473	—	—	—	—	—

MAIN WATERFRONT (INCLUDED IN PORT OF BOSTON)
Freight Traffic, 2002 - continued
(thousand short tons)

Commodity	Total**	Domestic					
		Coastwise		Internal			
		Receipts	Shipments	Inbound Downbnd	Outbound Upbound	Outbound Downbnd	Intra Downbnd
2330 distillate fuel oil	400	386	4	6	4	0	0
2340 residual fuel oil	115	76	—	—	9	28	2
2350 lube oil & greases	1	—	—	—	1	0	—
Total crude materials, inedible except fuels	290	—	290	—	—	—	—
Subtotal soil, sand, gravel, rock and stone	290	—	290	—	—	—	—
4331 sand & gravel	290	—	290	—	—	—	—
Ton-miles (x1000)	2,501	1,760	587	15	18	115	7
Domestic							
Tons All Traffic (x1000)	17,554						
Ton-miles All Traffic (x1000)	82,310						
Total Trip-ton-miles Internal and Intraport (x1000)	956						

*Includes 2,831 tons of foreign inbound in-transits; Includes 6,133 tons of foreign outbound in-transits;
Includes 2,470 tons of Canadian inbound in-transits; Includes 1,892 tons of Canadian outbound in-transits.

**Does not include 14,109,536 tons of through traffic.

CHELSEA RIVER, MA (INCLUDED IN PORT OF BOSTON)

Section Included: From mouth to about 1.6 miles upstream. Maintained Depth at Mid-Channel: From McArdele 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
1993	8,276	1996	6,583	1999	7,397	2002	5,652
1994	8,013	1997	6,090	2000	6,869		
1995	6,995	1998	7,559	2001	6,586		

Freight Traffic, 2002 (thousand short tons)

Commodity	Total	Foreign		Canadian Inbound
		Inbound	Outbound	
Total, all commodities	3,931	1,172	25	2,734
Total petroleum and petroleum products	3,282	608	2	2,672
Subtotal crude petroleum	23	11	—	12
2100 crude petroleum	23	11	—	12
Subtotal petroleum products	3,259	597	2	2,660
2211 gasoline	2,062	218	—	1,844
2221 kerosene	171	73	—	98
2330 distillate fuel oil	601	250	1	350
2340 residual fuel oil	38	37	1	—
2350 lube oil & greases	8	—	0	8
2429 naphtha & solvents	379	19	—	360
2990 petro. products nec	0	—	0	—
Total chemicals and related products	10	—	6	4
Subtotal fertilizers	0	—	0	—
3110 nitrogenous fert.	0	—	0	—
Subtotal other chemicals and related products	10	—	6	4
3240 nitrogen func. comp.	0	—	0	—
3250 organo - inorg. comp.	0	—	0	—
3260 organic comp. nec	0	—	0	—
3275 inorg. elem., oxides, & halogen salts	0	—	0	—
3276 metallic salts	0	—	0	—
3279 inorganic chem. nec	4	—	0	4
3282 pigments & paints	1	—	1	—
3284 medicines	0	—	0	—
3285 perfumes & cleansers	0	—	0	—
3286 plastics	4	—	4	—
3291 pesticides	0	—	0	—
3292 starches, gluten, glue	0	—	0	—
3297 chemical additives	0	—	0	—
3299 chem. products nec	0	—	0	—
Total crude materials, inedible except fuels	458	443	2	13
Subtotal forest products, wood and chips	1	—	1	—
4170 wood in the rough	0	—	0	—
4189 lumber	0	—	0	—
Subtotal pulp and waste paper	1	—	1	—
4225 pulp & waste paper	1	—	1	—
Subtotal soil, sand, gravel, rock and stone	0	—	0	—
4331 sand & gravel	0	—	0	—
Subtotal sulphur, clay and salt	0	—	0	—
4782 clay & refrac. mat.	0	—	0	—
Subtotal other non-metal. min.	456	443	—	13
4900 non-metal. min. nec	456	443	—	13

CHELSEA RIVER, MA (INCLUDED IN PORT OF BOSTON)
Freight Traffic, 2002 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian
		Inbound	Outbound	Inbound
Total primary manufactured goods	62	60	2	—
Subtotal paper products	2	—	2	—
5120 paper & paperboard	2	—	2	—
5190 paper products nec	0	—	0	—
Subtotal lime, cement and glass	60	60	0	—
5240 glass & glass prod.	0	—	0	—
5290 misc. mineral prod.	60	60	—	—
Subtotal primary iron and steel products	0	—	0	—
5360 i&s bars & shapes	0	—	0	—
5370 i&s pipe & tube	0	—	0	—
Subtotal primary non-ferrous metal products	0	—	0	—
5422 aluminum	0	—	0	—
5429 smelted prod. nec	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	15	—	8	7
Subtotal fish	0	—	0	—
6136 shellfish	0	—	0	—
Subtotal oilseeds	0	—	0	—
6590 oilseeds nec	0	—	0	—
Subtotal vegetable products	0	—	0	—
6653 vegetable oils	0	—	0	—
6654 vegetables & prod.	0	—	0	—
Subtotal processed grain and animal feed	5	—	5	—
6747 grain mill products	0	—	0	—
6781 hay & fodder	0	—	0	—
6782 animal feed, prep.	5	—	5	—
Subtotal other agricultural products	10	—	3	7
6811 meat, fresh, frozen	1	—	1	—
6817 meat, prepared	0	—	0	—
6822 dairy products	0	—	0	—
6835 fish, prepared	0	—	0	—
6838 tallow, animal oils	0	—	0	—
6839 animals & prod. nec	7	—	—	7
6857 fruit & nuts nec	0	—	0	—
6889 food products nec	0	—	0	—
6891 tobacco & products	1	—	1	—
6893 cotton	0	—	0	—
Total all manufactured equipment, machinery and products	66	62	4	—
7110 machinery (not elec)	2	—	2	—
7120 electrical machinery	0	—	0	—
7210 vehicles & parts	2	1	0	—
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.	61	60	0	—
7900 manufac. prod. nec	1	—	1	—
Total unknown or not elsewhere classified	39	—	0	39
9900 unknown or nec	39	—	0	39
Ton-miles (x1000) Foreign & Canadian	11,794	3,517	74	8,203

Commodity	Total	Domestic					
		Coastwise		Internal			
		Receipts	Shipments	Inbound Upbound	Outbound Downbnd	Intra Upbound Downbnd	
Total, all commodities	1,721	1,493	127	29	35	19	17
Total petroleum and petroleum products	1,715	1,487	127	29	35	19	17
Subtotal petroleum products	1,715	1,487	127	29	35	19	17
2211 gasoline	721	702	—	17	2	—	—
2221 kerosene	43	37	6	—	—	—	—
2330 distillate fuel oil	542	370	111	4	23	19	15
2340 residual fuel oil	377	347	11	7	10	—	2
2350 lube oil & greases	1	—	—	1	1	0	0
2429 naphtha & solvents	8	8	—	—	—	—	—
2430 asphalt, tar & pitch	22	22	—	—	—	—	—

CHELSEA RIVER, MA (INCLUDED IN PORT OF BOSTON)
Freight Traffic, 2002 - continued
(thousand short tons)

Commodity	Total	Domestic					
		Coastwise		Internal			
		Receipts	Shipments	Inbound Upbound	Outbound Downbnd	Intra Upbound Downbnd	
Total chemicals and related products	6	6	---	---	---	---	---
Subtotal other chemicals and related products	6	6	---	---	---	---	---
3297 chemical additives	6	6	---	---	---	---	---
Ton-miles (x1000)	4,041	3,491	347	66	100	19	18
Domestic							
Tons All Traffic (x1000)	5,652						
Ton-miles All Traffic (x1000)	15,835						
Total Trip-ton-miles Internal and Intraport (x1000)	771						

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
1993	5,581	1996	3,954	1999	6,043	2002	8,400
1994	4,538	1997	4,396	2000	6,391		
1995	3,517	1998	3,856	2001	7,082		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total**	Foreign		Canadian		Domestic			
		Inbound	Outbound	Inbound	Outbound	Total	Coastwise		Internal Inbound Upbound
							Receipts	Shipments	
Total, all commodities	8,129	4,047	440	2,060	33	1,549	1,360	186	3
Total petroleum and petroleum products	6,112	3,843	---	1,679	---	590	578	10	3
Subtotal petroleum products	6,112	3,843	---	1,679	---	590	578	10	3
2211 gasoline	1,693	308	---	1,345	---	39	39	---	---
2221 kerosene	19	---	---	13	---	6	6	---	---
2330 distillate fuel oil	302	19	---	74	---	210	210	---	0
2340 residual fuel oil	229	---	---	72	---	157	155	---	2
2350 lube oil & greases	0	---	---	---	---	0	---	---	0
2429 naphtha & solvents	586	427	---	159	---	---	---	---	---
2430 asphalt, tar & pitch	168	---	---	---	---	168	168	---	---
2540 petroleum coke	2	---	---	2	---	---	---	---	---
2640 liquid natural gas	3,102	3,089	---	13	---	---	---	---	---
2990 petro. products nec	10	---	---	---	---	10	---	10	---
Total chemicals and related products	67	63	---	---	4	---	---	---	---
Subtotal other chemicals and related products	67	63	---	---	4	---	---	---	---
3291 pesticides	4	---	---	---	4	---	---	---	---
3299 chem. products nec	63	63	---	---	---	---	---	---	---
Total crude materials, inedible except fuels	662	---	335	283	29	15	---	15	---
Subtotal pulp and waste paper	29	---	---	---	29	---	---	---	---
4225 pulp & waste paper	29	---	---	---	29	---	---	---	---
Subtotal soil, sand, gravel, rock and stone	175	---	---	175	---	---	---	---	---
4323 gypsum	175	---	---	175	---	---	---	---	---
Subtotal iron ore and scrap	349	---	335	---	---	15	---	15	---
4420 iron & steel scrap	349	---	335	---	---	15	---	15	---
Subtotal other non-metal. min.	108	---	---	108	---	---	---	---	---
4900 non-metal. min. nec	108	---	---	108	---	---	---	---	---
Total primary manufactured goods	696	0	102	---	---	594	594	---	---
Subtotal lime, cement and glass	594	---	---	---	---	594	594	---	---
5220 cement & concrete	594	---	---	---	---	594	594	---	---
Subtotal primary iron and steel products	33	0	33	---	---	---	---	---	---
5320 i&s primary forms	33	---	33	---	---	---	---	---	---
5330 i&s plates & sheets	0	0	---	---	---	---	---	---	---
Subtotal primary non-ferrous metal products	69	---	69	---	---	---	---	---	---
5429 smelted prod. nec	52	---	52	---	---	---	---	---	---
5480 fab. metal products	18	---	18	---	---	---	---	---	---
Total food and farm products	4	---	4	---	---	---	---	---	---
Subtotal processed grain and animal feed	4	---	4	---	---	---	---	---	---
6781 hay & fodder	4	---	4	---	---	---	---	---	---

MYSTIC RIVER, MA (INCLUDED IN PORT OF BOSTON)
 Freight Traffic, 2002 - continued
 (thousand short tons)

Commodity	Grand Total**	Foreign		Canadian		Domestic			Internal Inbound Upbound
		Inbound	Outbound	Inbound	Outbound	Total	Coastwise		
						Receipts	Shipments		
Total all manufactured equipment, machinery and products	476	125	0	---	---	351	189	161	---
7110 machinery (not elec)	6	6	---	---	---	---	---	---	---
7210 vehicles & parts	119	119	0	---	---	---	---	---	---
7220 aircraft & parts	0	0	---	---	---	---	---	---	---
7900 manufac. prod. nec	351	---	---	---	---	351	189	161	---
Total unknown or not elsewhere classified	114	16	---	98	---	---	---	---	---
9900 unknown or nec	114	16	---	98	---	---	---	---	---
Ton-miles (x1000)	8,133	4,047	440	2,060	33	1,625	1,364	186	3
Tons All Traffic (x1000)		8,400							
Ton-miles All Traffic (x1000)		8,404							
Total Trip-ton-miles Internal and Intraport (x1000)		19							

*Does not include 271,269 tons of through traffic.

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
1993	1,154	1996	1,948	1999	1,699	2002	2,728
1994	1,606	1997	1,990	2000	2,997		
1995	1,834	1998	1,884	2001	2,446		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total**	Foreign		Canadian	Domestic			Internal	
		Inbound*	Outbound	Inbound	Total	Coastwise		Inbound Upbound	Outbound Downbnd
					Receipts	Shipments			
Total, all commodities	2,425	740	26	329	1,330	151	17	567	595
Total petroleum and petroleum products	1,161	659	0	323	180	151	17	12	---
Subtotal petroleum products	1,161	659	0	323	180	151	17	12	---
2211 gasoline	880	513	---	273	94	89	5	---	---
2330 distillate fuel oil	145	33	---	39	73	61	---	12	---
2350 lube oil & greases	0	---	0	---	0	---	---	0	---
2429 naphtha & solvents	123	112	---	11	---	---	---	---	---
2990 petro. products nec	13	---	---	---	13	1	12	---	---
Total chemicals and related products	39	30	3	6	---	---	---	---	---
Subtotal other chemicals and related products	39	30	3	6	---	---	---	---	---
3219 other hydrocarbons	0	---	0	---	---	---	---	---	---
3230 carboxylic acids	30	30	---	---	---	---	---	---	---
3250 organo - inorg. comp.	0	---	0	---	---	---	---	---	---
3260 organic comp. nec	0	---	0	---	---	---	---	---	---
3274 sodium hydroxide	6	---	---	6	---	---	---	---	---
3275 inorg. elem., oxides, & halogen salts	0	---	0	---	---	---	---	---	---
3282 pigments & paints	0	---	0	---	---	---	---	---	---
3284 medicines	0	---	0	---	---	---	---	---	---
3285 perfumes & cleansers	1	---	1	---	---	---	---	---	---
3286 plastics	1	---	1	---	---	---	---	---	---
3291 pesticides	0	---	0	---	---	---	---	---	---
3292 starches, gluten, glue	0	---	0	---	---	---	---	---	---
3297 chemical additives	0	---	0	---	---	---	---	---	---
3298 wood & resin chem.	0	---	0	---	---	---	---	---	---
3299 chem. products nec	0	---	0	---	---	---	---	---	---
Total crude materials, inedible except fuels	11	---	11	---	---	---	---	---	---
Subtotal forest products, wood and chips	8	---	8	---	---	---	---	---	---
4170 wood in the rough	8	---	8	---	---	---	---	---	---
4189 lumber	0	---	0	---	---	---	---	---	---
Subtotal pulp and waste paper	3	---	3	---	---	---	---	---	---
4225 pulp & waste paper	3	---	3	---	---	---	---	---	---
Subtotal sulphur, clay and salt	0	---	0	---	---	---	---	---	---
4782 clay & refrac. mat.	0	---	0	---	---	---	---	---	---

WEYMOUTH FORE RIVER, MA (INCLUDED IN PORT OF BOSTON)
 Freight Traffic, 2002 - continued
 (thousand short tons)

Commodity	Grand Total**	Foreign		Canadian	Domestic				
		Inbound*	Outbound	Inbound	Total	Coastwise		Internal	
					Receipts	Shipments	Inbound Upbound	Outbound Downbnd	
Total primary manufactured goods	3	---	3	---	---	---	---	---	---
Subtotal paper products	3	---	3	---	---	---	---	---	---
5120 paper & paperboard	3	---	3	---	---	---	---	---	---
5190 paper products nec	0	---	0	---	---	---	---	---	---
Subtotal primary iron and steel products	0	---	0	---	---	---	---	---	---
5360 i&s bars & shapes	0	---	0	---	---	---	---	---	---
5370 i&s pipe & tube	0	---	0	---	---	---	---	---	---
Subtotal primary non-ferrous metal products	0	---	0	---	---	---	---	---	---
5480 fab. metal products	0	---	0	---	---	---	---	---	---
Total food and farm products	59	52	8	---	---	---	---	---	---
Subtotal grain	2	---	2	---	---	---	---	---	---
6344 corn	2	---	2	---	---	---	---	---	---
Subtotal vegetable products	54	52	2	---	---	---	---	---	---
6653 vegetable oils	52	52	1	---	---	---	---	---	---
6654 vegetables & prod.	2	---	2	---	---	---	---	---	---
Subtotal processed grain and animal feed	3	---	3	---	---	---	---	---	---
6746 wheat flour	1	---	1	---	---	---	---	---	---
6747 grain mill products	0	---	0	---	---	---	---	---	---
6781 hay & fodder	1	---	1	---	---	---	---	---	---
6782 animal feed, prep.	1	---	1	---	---	---	---	---	---
Subtotal other agricultural products	1	---	1	---	---	---	---	---	---
6811 meat, fresh, frozen	0	---	0	---	---	---	---	---	---
6817 meat, prepared	0	---	0	---	---	---	---	---	---
6839 animals & prod. nec	0	---	0	---	---	---	---	---	---
6857 fruit & nuts nec	0	---	0	---	---	---	---	---	---
6871 coffee	0	---	0	---	---	---	---	---	---
6891 tobacco & products	0	---	0	---	---	---	---	---	---
Total all manufactured equipment, machinery and products	2	---	2	---	---	---	---	---	---
7110 machinery (not elec)	1	---	1	---	---	---	---	---	---
7120 electrical machinery	0	---	0	---	---	---	---	---	---
7210 vehicles & 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.	0	---	0	---	---	---	---	---	---
7900 manufac. prod. nec	0	---	0	---	---	---	---	---	---
Total waste and scrap nec	1,150	---	---	---	1,150	---	---	555	595
8900 waste and scrap nec	1,150	---	---	---	1,150	---	---	555	595
Ton-miles (x1000)	19,403	5,923	211	2,631	12,088	1,207	138	4,536	4,758
Tons All Traffic (x1000)			2,728						
Ton-miles All Traffic (x1000)			21,523						
Total Trip-ton-miles Internal and Intraport (x1000)			11,777						

*Includes 3,316 tons of foreign inbound in-transits.

**Does not include 302,799 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
1993	79	1996	269	1999	514	2002	324
1994	133	1997	321	2000	556		
1995	199	1998	518	2001	428		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Inbound	Outbound	Inbound	Outbound	Total	Coastwise	Internal
						Receipts	Intra	Upbound
Total, all commodities	324	46	1	32	17	228	207	21
Total petroleum and petroleum products	257	---	---	28	---	228	207	21
Subtotal petroleum products	257	---	---	28	---	228	207	21
2211 gasoline	9	---	---	---	---	9	9	---
2221 kerosene	23	---	---	7	---	16	16	---
2330 distillate fuel oil	163	---	---	4	---	158	137	21
2340 residual fuel oil	46	---	---	---	---	46	46	---
2429 naphtha & solvents	17	---	---	17	---	---	---	---
Total chemicals and related products	31	27	0	3	---	---	---	---
Subtotal other chemicals and related products	31	27	0	3	---	---	---	---
3230 carboxylic acids	27	27	0	---	---	---	---	---
3260 organic comp. nec	0	---	0	---	---	---	---	---
3274 sodium hydroxide	3	---	---	3	---	---	---	---
3284 medicines	0	---	0	---	---	---	---	---
3285 perfumes & cleansers	0	---	0	---	---	---	---	---
3286 plastics	0	---	0	---	---	---	---	---
3299 chem. products nec	0	---	0	---	---	---	---	---
Total crude materials, inedible except fuels	17	---	0	---	17	---	---	---
Subtotal pulp and waste paper	0	---	0	---	---	---	---	---
4225 pulp & waste paper	0	---	0	---	---	---	---	---
Subtotal sulphur, clay and salt	17	---	0	---	17	---	---	---
4782 clay & refrac. mat.	17	---	0	---	17	---	---	---
Total primary manufactured goods	0	---	0	---	---	---	---	---
Subtotal paper products	0	---	0	---	---	---	---	---
5120 paper & paperboard	0	---	0	---	---	---	---	---
Subtotal lime, cement and glass	0	---	0	---	---	---	---	---
5240 glass & glass prod.	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	---	---	---	---	---
5421 copper	0	---	0	---	---	---	---	---
5422 aluminum	0	---	0	---	---	---	---	---
5480 fab. metal products	0	---	0	---	---	---	---	---
Total food and farm products	19	19	0	---	---	---	---	---
Subtotal vegetable products	18	18	0	---	---	---	---	---
6653 vegetable oils	18	18	---	---	---	---	---	---
6654 vegetables & prod.	0	---	0	---	---	---	---	---
Subtotal processed grain and animal feed	0	---	0	---	---	---	---	---
6747 grain mill products	0	---	0	---	---	---	---	---
6782 animal feed, prep.	0	---	0	---	---	---	---	---
Subtotal other agricultural products	1	1	0	---	---	---	---	---
6839 animals & prod. nec	0	---	0	---	---	---	---	---
6889 food products nec	1	1	---	---	---	---	---	---
6899 farm products nec	0	---	0	---	---	---	---	---
Total all manufactured equipment, machinery and products	0	---	0	---	---	---	---	---
7110 machinery (not elec)	0	---	0	---	---	---	---	---
7120 electrical machinery	0	---	0	---	---	---	---	---
7210 vehicles & parts	0	---	0	---	---	---	---	---
7300 ordnance & access.	0	---	0	---	---	---	---	---
7600 rubber & plastic pr.	0	---	0	---	---	---	---	---
7900 manufac. prod. nec	0	---	0	---	---	---	---	---
Ton-miles (x1000)	350	46	1	32	17	254	233	21
Tons All Traffic (x1000)	324							
Ton-miles All Traffic (x1000)	350							
Total Trip-ton-miles Internal and Intraport (x1000)	21							

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
1993	12,035	1996	9,666	1999	11,067	2002	7,991
1994	10,799	1997	11,033	2000	10,317		
1995	10,051	1998	11,654	2001	7,844		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Foreign		Total	Domestic		Internal	
		Through			Coastwise	Through		
		Upbound	Downbnd			Upbound	Downbnd	Upbound
Total, all commodities	7,991	242	1,185	6,564	5,925	605	17	17
Total coal	113	---	---	113	113	---	---	---
1100 coal lignite	113	---	---	113	113	---	---	---
Total petroleum and petroleum products	6,088	143	947	4,998	4,869	129	---	---
Subtotal petroleum products	6,088	143	947	4,998	4,869	129	---	---
2211 gasoline	1,760	49	52	1,660	1,637	23	---	---
2221 kerosene	170	---	---	170	170	---	---	---
2330 distillate fuel oil	1,142	22	117	1,003	937	66	---	---
2340 residual fuel oil	2,360	61	588	1,711	1,692	19	---	---
2429 naphtha & solvents	8	---	---	8	8	---	---	---
2430 asphalt, tar & pitch	623	11	188	423	423	---	---	---
2990 petro. products nec	23	---	---	23	1	22	---	---
Total chemicals and related products	66	---	---	66	59	7	---	---
Subtotal other chemicals and related products	66	---	---	66	59	7	---	---
3274 sodium hydroxide	47	---	---	47	40	7	---	---
3276 metallic salts	13	---	---	13	13	---	---	---
3297 chemical additives	6	---	---	6	6	---	---	---
Total crude materials, inedible except fuels	516	30	192	294	---	294	---	---
Subtotal soil, sand, gravel, rock and stone	471	---	192	279	---	279	---	---
4323 gypsum	192	---	192	---	---	---	---	---
4331 sand & gravel	279	---	---	279	---	279	---	---
Subtotal iron ore and scrap	45	30	---	15	---	15	---	---
4420 iron & steel scrap	45	30	---	15	---	15	---	---
Total primary manufactured goods	756	4	9	742	695	13	17	17
Subtotal paper products	4	---	4	---	---	---	---	---
5190 paper products nec	4	---	4	---	---	---	---	---
Subtotal lime, cement and glass	752	4	5	742	695	13	17	17
5220 cement & concrete	752	4	5	742	695	13	17	17
Total food and farm products	10	0	10	---	---	---	---	---
Subtotal fish	10	0	10	---	---	---	---	---
6134 fish (not shellfish)	10	0	10	---	---	---	---	---
Total all manufactured equipment, machinery and products	443	65	28	351	189	161	---	---
7210 vehicles & parts	51	42	9	---	---	---	---	---
7900 manufac. prod. nec	393	23	19	351	189	161	---	---
Ton-miles (x1000)	141,664	4,359	21,324	115,981	105,874	10,106	0	0
Tons All Traffic (x1000)			7,991					
Ton-miles All Traffic (x1000)			141,664					

NEW BEDFORD AND FAIRHAVEN HARBOR, MA

Section Included: From deepwater in Buzzards Bay through the Route 6 Bridge. Controlling Depth: 27.4 feet; branch channels range from 9 to 25 feet. Project Depth: 30 feet in entrance channel, maneuvering area northwest of Palmers Island and Turning Basin above Fish Island. Branch channels range from 10 to 25 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1993	503	1996	516	1999	687	2002	953
1994	601	1997	554	2000	813		
1995	570	1998	533	2001	818		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Foreign Inbound*	Domestic			
			Total	Coastwise		Internal Intraport
				Receipts	Shipments	
Total, all commodities	953	380	572	235	330	7
Total petroleum and petroleum products	649	369	280	235	38	7
Subtotal petroleum products	649	369	280	235	38	7
2211 gasoline	31	—	31	17	14	—
2330 distillate fuel oil	158	—	158	133	18	6
2340 residual fuel oil	461	369	92	85	5	2
Total crude materials, inedible except fuels	288	—	288	0	288	—
Subtotal soil, sand, gravel, rock and stone	288	—	288	—	288	—
4331 sand & gravel	288	—	288	—	288	—
Subtotal iron ore and scrap	0	—	0	0	—	—
4420 iron & steel scrap	0	—	0	0	—	—
Subtotal non-ferrous ores and scrap	0	—	0	0	—	—
4680 non-ferrous scrap	0	—	0	0	—	—
Total food and farm products	11	11	—	—	—	—
Subtotal fish	11	11	—	—	—	—
6134 fish (not shellfish)	11	11	—	—	—	—
6136 shellfish	0	0	—	—	—	—
Subtotal other agricultural products	0	0	—	—	—	—
6839 animals & prod. nec	0	0	—	—	—	—
Total all manufactured equipment, machinery and products	4	—	4	0	4	—
7110 machinery (not elec)	0	—	0	0	0	—
7210 vehicles & parts	0	—	0	0	—	—
7230 ships & boats	0	—	0	0	—	—
7400 manufac. wood prod.	4	—	4	—	4	—
7900 manufac. prod. nec	0	—	0	0	—	—
Total unknown or not elsewhere classified	0	0	—	—	—	—
9900 unknown or nec	0	0	—	—	—	—

*Includes 383 tons of foreign inbound in-transits.

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
1993	3,458	1996	3,180	1999	3,395	2002	3,392
1994	4,178	1997	3,394	2000	3,402		
1995	3,282	1998	3,776	2001	3,382		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Foreign Inbound	Canadian Inbound	Domestic		
				Total	Coastwise	
					Receipts	Shipments
Total, all commodities	3,392	943	7	2,442	2,439	3
Total coal	2,922	686	—	2,236	2,236	—
1100 coal lignite	2,922	686	—	2,236	2,236	—
Total petroleum and petroleum products	459	252	—	207	203	3
Subtotal petroleum products	459	252	—	207	203	3
2221 kerosene	4	—	—	4	4	—
2330 distillate fuel oil	133	—	—	133	133	—
2340 residual fuel oil	322	252	—	70	66	3
Total chemicals and related products	7	—	7	—	—	—
Subtotal other chemicals and related products	7	—	7	—	—	—
3274 sodium hydroxide	7	—	7	—	—	—

FALL RIVER HARBOR, MA
Freight Traffic, 2002 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian Inbound	Domestic		
		Inbound	Outbound		Total	Coastwise Receipts	Internal Receipts
				Total crude materials, inedible except fuels			
Subtotal forest products, wood and chips	5	5	---	---	---	---	
4110 rubber & gums	5	5	---	---	---	---	

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
1993	6,558	1996	7,803	1999	8,627	2002	8,244
1994	6,567	1997	8,814	2000	8,870		
1995	6,932	1998	8,028	2001	9,030		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian Inbound	Domestic		
		Inbound	Outbound		Total	Coastwise Receipts	Shipments
				Total, all commodities			
Total coal	61	61	---	---	---	---	---
1100 coal lignite	61	61	---	---	---	---	---
Total petroleum and petroleum products	5,997	735	---	353	4,909	4,900	9
Subtotal petroleum products	5,997	735	---	353	4,909	4,900	9
2211 gasoline	3,913	485	---	304	3,124	3,124	---
2221 kerosene	25	---	---	---	25	25	---
2330 distillate fuel oil	1,714	84	---	49	1,581	1,573	9
2340 residual fuel oil	91	---	---	---	91	91	---
2350 lube oil & greases	0	---	---	---	0	0	---
2429 naphtha & solvents	7	---	---	---	7	7	---
2430 asphalt, tar & pitch	80	---	---	---	80	80	---
2540 petroleum coke	28	28	---	---	---	---	---
2640 liquid natural gas	139	139	---	---	---	---	---
Total chemicals and related products	39	10	---	---	29	29	---
Subtotal other chemicals and related products	39	10	---	---	29	29	---
3220 alcohols	1	1	---	---	---	---	---
3274 sodium hydroxide	34	5	---	---	29	29	---
3275 inorg. elem., oxides, & halogen salts	3	3	---	---	---	---	---
Total crude materials, inedible except fuels	962	491	273	106	92	---	92
Subtotal forest products, wood and chips	4	4	---	---	---	---	---
4110 rubber & gums	4	4	---	---	---	---	---
Subtotal soil, sand, gravel, rock and stone	28	28	---	---	---	---	---
4310 building stone	28	28	---	---	---	---	---
Subtotal iron ore and scrap	403	37	273	---	92	---	92
4410 iron ore	37	37	---	---	---	---	---
4420 iron & steel scrap	365	---	273	---	92	---	92
Subtotal non-ferrous ores and scrap	17	17	---	---	---	---	---
4650 aluminum ore	17	17	---	---	---	---	---
Subtotal other non-metal. min.	511	405	---	106	---	---	---
4900 non-metal. min. nec	511	405	---	106	---	---	---
Total primary manufactured goods	1,184	795	124	---	265	77	188
Subtotal lime, cement and glass	1,049	785	---	---	265	77	188
5220 cement & concrete	1,049	785	---	---	265	77	188
Subtotal primary iron and steel products	10	10	---	---	---	---	---
5360 i&s bars & shapes	10	10	---	---	---	---	---
Subtotal primary non-ferrous metal products	124	---	124	---	---	---	---
5429 smelted prod. nec	124	---	124	---	---	---	---
Total all manufactured equipment, machinery and products	2	2	---	---	---	---	---
7210 vehicles & parts	0	0	---	---	---	---	---
7230 ships & boats	2	2	---	---	---	---	---

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
1993	1,793	1996	2,049	1999	1,734	2002	1,328
1994	1,675	1997	1,915	2000	1,771		
1995	1,636	1998	2,036	2001	1,590		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Canadian Inbound	Domestic					
			Total	Coastwise			Through Upbound	Downbnd
				Receipts	Shipments			
Total, all commodities	1,328	64	1,264	292	5	956	11	
Total coal	662	—	662	—	—	662	—	
1100 coal lignite	662	—	662	—	—	662	—	
Total petroleum and petroleum products	406	—	406	284	—	111	11	
Subtotal petroleum products	406	—	406	284	—	111	11	
2221 kerosene	13	—	13	13	—	—	—	
2330 distillate fuel oil	252	—	252	244	—	8	—	
2340 residual fuel oil	141	—	141	26	—	103	11	
Total chemicals and related products	107	—	107	—	—	107	—	
Subtotal other chemicals and related products	107	—	107	—	—	107	—	
3219 other hydrocarbons	107	—	107	—	—	107	—	
Total crude materials, inedible except fuels	139	64	76	—	—	76	—	
Subtotal forest products, wood and chips	64	64	—	—	—	—	—	
4189 lumber	64	64	—	—	—	—	—	
Subtotal soil, sand, gravel, rock and stone	76	—	76	—	—	76	—	
4322 limestone	76	—	76	—	—	76	—	
Total primary manufactured goods	13	—	13	8	5	—	—	
Subtotal primary non-ferrous metal products	13	—	13	8	5	—	—	
5480 fab. metal products	13	—	13	8	5	—	—	
Total all manufactured equipment, machinery and products	1	—	1	0	1	—	—	
7110 machinery (not elec)	0	—	0	—	0	—	—	
7120 electrical machinery	0	—	0	—	0	—	—	
7900 manufac. prod. nec	0	—	0	0	0	—	—	

THAMES RIVER, CT

Section Included: From a point downstream of the New London Highway Bridge at New London to Norwich, CT. Controlling Depth: 34.5 feet to upstream end of U.S. Submarine Base; thence generally 25.0 feet in middle half of 25 foot channel to Allyn Point; Thence 18.3 feet to 1,500 feet above Poquetanuk Cove; then 18 feet upstream to Norwich Dike; thence 11 feet to upstream limit of project. Channel widened and deepened to 36 feet depth to upstream end of U.S. Submarine Base. Project Depth elsewhere in Reach: 25 feet to Norwich.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1993	1,001	1996	1,415	1999	1,130	2002	967
1994	965	1997	1,309	2000	1,140		
1995	1,013	1998	1,428	2001	1,143		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Coastwise	
		Receipts	Shipments
Total, all commodities	967	956	11
Total coal	662	662	—
1100 coal lignite	662	662	—
Total petroleum and petroleum products	123	111	11
Subtotal petroleum products	123	111	11
2330 distillate fuel oil	8	8	—
2340 residual fuel oil	115	103	11
Total chemicals and related products	107	107	—
Subtotal other chemicals and related products	107	107	—
3219 other hydrocarbons	107	107	—

THAMES RIVER, CT
Freight Traffic, 2002 - continued
(thousand short tons)

Commodity	Grand Total	Coastwise	
		Receipts	Shipments
Total crude materials, inedible except fuels	76	76	—
Subtotal soil, sand, gravel, rock and stone	76	76	—
4322 limestone	76	76	—
Ton-miles (x1000)	4,257	4,212	46
Tons All Traffic (x1000)	967		
Ton-miles All Traffic (x1000)	4,257		

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
1993	8,740	1996	8,838	1999	8,687	2002	10,142
1994	9,471	1997	9,594	2000	10,604		
1995	8,813	1998	9,193	2001	9,876		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic			
		Inbound*	Outbound	Inbound	Outbound	Total	Coastwise	Internal	
						Receipts	Shipments	Intraport	
Total, all commodities	10,142	2,303	298	977	12	6,552	6,212	318	22
Total coal	224	54	0	—	—	170	70	94	6
1100 coal lignite	224	54	0	—	—	170	70	94	6
1200 coal coke	0	—	0	—	—	—	—	—	—
Total petroleum and petroleum products	7,864	1,313	0	967	9	5,574	5,376	182	16
Subtotal petroleum products	7,864	1,313	0	967	9	5,574	5,376	182	16
2211 gasoline	4,251	1,034	—	453	5	2,758	2,705	54	—
2221 kerosene	151	41	—	19	—	91	91	—	—
2330 distillate fuel oil	2,581	191	—	410	—	1,980	1,839	125	16
2340 residual fuel oil	549	47	—	—	4	498	498	—	—
2350 lube oil & greases	0	—	0	—	—	—	—	—	—
2429 naphtha & solvents	98	—	—	85	—	13	13	—	—
2430 asphalt, tar & pitch	232	—	—	—	—	232	229	3	—
2990 petro. products nec	1	—	0	—	—	1	1	—	—
Total chemicals and related products	68	2	12	—	0	53	53	—	—
Subtotal fertilizers	0	—	0	—	—	—	—	—	—
3190 fert. & mixes nec	0	—	0	—	—	—	—	—	—
Subtotal other chemicals and related products	68	2	12	—	0	53	53	—	—
3211 acyclic hydrocarbons	0	—	0	—	—	—	—	—	—
3219 other hydrocarbons	52	2	0	—	—	49	49	—	—
3220 alcohols	0	—	0	—	—	—	—	—	—
3230 carboxylic acids	2	—	2	—	—	—	—	—	—
3240 nitrogen func. comp.	1	—	1	—	—	—	—	—	—
3250 organo - inorg. comp.	1	—	1	—	—	—	—	—	—
3260 organic comp. nec	0	—	0	—	—	—	—	—	—
3274 sodium hydroxide	4	—	—	—	—	4	4	—	—
3275 inorg. elem., oxides, & halogen salts	0	—	0	—	—	—	—	—	—
3276 metallic salts	0	—	0	—	—	—	—	—	—
3279 inorganic chem. nec	0	—	0	—	—	—	—	—	—
3282 pigments & paints	0	—	0	—	—	—	—	—	—
3283 coloring mat. nec	0	—	0	—	—	—	—	—	—
3284 medicines	0	—	0	—	—	—	—	—	—
3285 perfumes & cleansers	0	—	0	—	—	—	—	—	—
3286 plastics	5	—	5	—	0	—	—	—	—
3291 pesticides	0	—	0	—	—	—	—	—	—
3292 starches, gluten, glue	0	—	0	—	—	—	—	—	—
3297 chemical additives	1	—	1	—	—	—	—	—	—
3299 chem. products nec	0	—	0	—	—	—	—	—	—
Total crude materials, inedible except fuels	1,009	199	252	10	—	548	506	42	—
Subtotal forest products, wood and chips	44	44	0	—	—	—	—	—	—
4161 wood chips	0	—	0	—	—	—	—	—	—
4170 wood in the rough	0	—	0	—	—	—	—	—	—
4189 lumber	44	44	0	—	—	—	—	—	—

NEW HAVEN HARBOR, CT
Freight Traffic, 2002 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic			
		Inbound*	Outbound	Inbound	Outbound	Total	Coastwise		Internal Intraport
							Receipts	Shipments	
4190 forest products nec	0	—	0	—	—	—	—	—	
Subtotal pulp and waste paper	8	—	8	—	—	—	—	—	
4225 pulp & waste paper	8	—	8	—	—	—	—	—	
Subtotal soil, sand, gravel, rock and stone	564	19	2	—	543	506	37	—	
4310 building stone	19	19	1	—	—	—	—	—	
4331 sand & gravel	506	—	1	—	505	498	7	—	
4335 waterway improv. mat	36	—	—	—	36	9	27	—	
4338 soil & fill dirt	3	—	—	—	3	—	3	—	
Subtotal iron ore and scrap	245	—	241	—	4	—	4	—	
4420 iron & steel scrap	245	—	241	—	4	—	4	—	
Subtotal sulphur, clay and salt	1	—	1	—	—	—	—	—	
4782 clay & refrac. mat.	1	—	1	—	—	—	—	—	
Subtotal other non-metal. min.	146	136	—	10	—	—	—	—	
4900 non-metal. min. nec	146	136	—	10	—	—	—	—	
Total primary manufactured goods	962	724	29	—	3	206	206	1	
Subtotal paper products	0	—	0	—	—	—	—	—	
5120 paper & paperboard	0	—	0	—	—	—	—	—	
5190 paper products nec	0	—	0	—	—	—	—	—	
Subtotal lime, cement and glass	178	—	0	—	178	177	1	—	
5220 cement & concrete	176	—	—	—	176	175	1	—	
5240 glass & glass prod.	0	—	0	—	—	—	—	—	
5290 misc. mineral prod.	2	—	0	—	2	2	—	—	
Subtotal primary iron and steel products	405	373	0	—	3	29	29	—	
5320 i&s primary forms	185	185	—	—	—	—	—	—	
5330 i&s plates & sheets	134	134	0	—	—	—	—	—	
5360 i&s bars & shapes	53	48	—	—	3	2	2	—	
5370 i&s pipe & tube	4	4	0	—	—	—	—	—	
5390 primary i&s nec	29	2	—	—	27	27	—	—	
Subtotal primary non-ferrous metal products	377	349	28	—	—	—	—	—	
5421 copper	242	242	—	—	—	—	—	—	
5422 aluminum	0	—	0	—	—	—	—	—	
5429 smelted prod. nec	96	68	28	—	—	—	—	—	
5480 fab. metal products	39	39	0	—	—	—	—	—	
Subtotal primary wood products	2	2	0	—	—	—	—	—	
5540 primary wood prod.	2	2	0	—	—	—	—	—	
Total food and farm products	2	—	2	—	—	—	—	—	
Subtotal grain	1	—	1	—	—	—	—	—	
6344 corn	0	—	0	—	—	—	—	—	
6442 rice	0	—	0	—	—	—	—	—	
6447 sorghum grains	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	—	—	—	—	—	
Subtotal other agricultural products	1	—	1	—	—	—	—	—	
6811 meat, fresh, frozen	0	—	0	—	—	—	—	—	
6839 animals & prod. nec	0	—	0	—	—	—	—	—	
6857 fruit & nuts nec	0	—	0	—	—	—	—	—	
6858 fruit juices	0	—	0	—	—	—	—	—	
6885 alcoholic beverages	0	—	0	—	—	—	—	—	
6889 food products nec	0	—	0	—	—	—	—	—	
6891 tobacco & products	0	—	0	—	—	—	—	—	
6893 cotton	0	—	0	—	—	—	—	—	
6899 farm products nec	0	—	0	—	—	—	—	—	
Total all manufactured equipment, machinery and products	14	11	2	—	0	0	—	—	
7110 machinery (not elec)	6	5	1	—	0	0	—	—	
7120 electrical machinery	2	2	0	—	0	0	—	—	
7210 vehicles & parts	0	—	0	—	—	—	—	—	
7220 aircraft & parts	0	—	0	—	—	—	—	—	
7230 ships & boats	3	3	0	—	—	—	—	—	
7300 ordnance & access.	0	—	0	—	—	—	—	—	
7500 textile products	0	—	0	—	—	—	—	—	
7600 rubber & plastic pr.	2	1	1	—	—	—	—	—	
7900 manufac. prod. nec	0	0	0	—	—	—	—	—	
Total unknown or not elsewhere classified	0	0	—	—	—	—	—	—	
9900 unknown or nec	0	0	—	—	—	—	—	—	

*Includes 41,246 tons of foreign inbound in-transits.

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
1993	2,942	1996	4,862	1999	4,154	2002	4,607
1994	3,054	1997	5,340	2000	4,255		
1995	3,447	1998	4,626	2001	4,581		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Foreign		Domestic		Internal Intraport
		Inbound*	Inbound	Total	Coastwise	
				Receipts	Shipments	
Total, all commodities	4,607	1,343	111	3,153	2,579	296
Total coal	1,256	473	---	784	436	70
1100 coal lignite	1,256	473	---	784	436	70
Total petroleum and petroleum products	2,223	274	108	1,840	1,615	226
Subtotal petroleum products	2,223	274	108	1,840	1,615	226
2211 gasoline	1,240	232	108	900	879	21
2330 distillate fuel oil	501	---	---	501	490	11
2340 residual fuel oil	405	42	---	363	169	194
2430 asphalt, tar & pitch	77	---	---	77	77	---
Total crude materials, inedible except fuels	457	0	---	457	457	---
Subtotal pulp and waste paper	0	0	---	---	---	---
4225 pulp & waste paper	0	0	---	---	---	---
Subtotal soil, sand, gravel, rock and stone	457	---	---	457	457	---
4331 sand & gravel	457	---	---	457	457	---
Total food and farm products	599	596	3	---	---	---
Subtotal other agricultural products	599	596	3	---	---	---
6856 bananas & plantains	588	585	3	---	---	---
6857 fruit & nuts nec	11	11	---	---	---	---
Total waste and scrap nec	72	---	---	72	72	---
8900 waste and scrap nec	72	---	---	72	72	---

*Includes 7,593 tons of foreign inbound in-transits.

NORWALK HARBOR, CT

Section Included: From a point 4.5 mile below Washington Street Bridge to head of navigation at East Norwalk and Norwalk. Controlling Depth: 8.5 feet in the 12-foot channel from Long Island Sound to opposite downstream end of 10 foot anchorage, thence 7.9 feet to the Washington Bridge; 7.0 feet in the 10-foot channel to I-95 bridge; thence 5.4 feet; 5.8 feet in 10 foot basin; and 3 to 6 feet in 10 foot anchorage. Project Depth: 12 feet in channel from outer harbor to Washington Street Bridge, South Norwalk, thence 10 feet deep to the basin at Norwalk. Anchorage adjacent to 12 foot channel at Fitchpoint Light, 10 feet. All at mean low water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1993	475	1996	495	1999	649	2002	284
1994	446	1997	713	2000	595		
1995	447	1998	725	2001	512		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Domestic
		Coastwise Receipts
Total, all commodities	284	284
Total petroleum and petroleum products	84	84
Subtotal petroleum products	84	84
2330 distillate fuel oil	10	10
2340 residual fuel oil	74	74
Total crude materials, inedible except fuels	200	200
Subtotal soil, sand, gravel, rock and stone	200	200
4331 sand & gravel	200	200

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
1993	874	1996	1,037	1999	883	2002	1,010
1994	1,116	1997	1,041	2000	1,037		
1995	994	1998	991	2001	859		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Coastwise	
		Receipts	Shipments
Total, all commodities	1,010	965	45
Total petroleum and petroleum products	193	193	—
Subtotal petroleum products	193	193	—
2330 distillate fuel oil	193	193	—
Total crude materials, inedible except fuels	808	762	45
Subtotal soil, sand, gravel, rock and stone	762	762	—
4331 sand & gravel	762	762	—
Subtotal iron ore and scrap	45	—	45
4420 iron & steel scrap	45	—	45
Total waste and scrap nec	10	10	—
8900 waste and scrap nec	10	10	—

Other Harbors and Waterways 2002

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	5480 fab. metal products 6134 fish (not shellfish) 6136 shellfish	0 2 0
	Total Tons(x1000)	2
BASS HARBOR, ME	No Commerce Reported	
BEALS HARBOR, ME	No Commerce Reported	
BELFAST HARBOR, ME	No Commerce Reported	
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)	2211 gasoline 2330 distillate fuel oil 2340 residual fuel oil	84 57 45
	Total Tons(x1000)	186
BUNKER HARBOR, ME	No Commerce Reported	
CAMDEN HARBOR, ME	No Commerce Reported	
CANAPITSIT CHANNEL, MA	2330 distillate fuel oil 7110 machinery (not elec)	0 0
	Total Tons(x1000)	0
	Total Ton-miles(x1000)	0
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	2211 gasoline 2221 kerosene 2340 residual fuel oil 2430 asphalt, tar & pitch	4 4 30 9
	Total Tons(x1000)	47
	Total Ton-miles(x1000)	1,384
COREA HARBOR, ME	No Commerce Reported	

Other Harbors and Waterways 2002 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
CRIEHAVEN HARBOR, ME	No Commerce Reported	
CROSS RIP SHOALS, NANTUCKET SOUND, MA	2211 gasoline	8
	2330 distillate fuel oil	9
	4331 sand & gravel	14
	7110 machinery (not elec)	0
	7400 manufac. wood prod.	1
	Total Tons(x1000)	33
	Total Ton-miles(x1000)	33
CUTTYHUNK HARBOR, MA	2211 gasoline	0
	2330 distillate fuel oil	0
	7110 machinery (not elec)	0
	Total Tons(x1000)	1
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	No Commerce Reported	
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	7
	2350 lube oil & greases	0
	6134 fish (not shellfish)	12
	Total Tons(x1000)	20
GREAT SALT POND, BLOCK ISLAND, RI	7900 manufac. prod. nec	11
	Total Tons(x1000)	11
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	No Commerce Reported	

Other Harbors and Waterways 2002 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
HARBOR OF REFUGE, NANTUCKET, MA	2211 gasoline	8
	2330 distillate fuel oil	9
	4331 sand & gravel	14
	7110 machinery (not elec)	0
	7400 manufac. wood prod.	1
	Total Tons(x1000)	33
HARBOR OF REFUGE, POINT JUDITH AND POINT JUDITH POND, RI	7900 manufac. prod. nec	11
	Total Tons(x1000)	11
HARRASEEKET RIVER, ME	No Commerce Reported	
HAY (WEST) HARBOR, NY	7900 manufac. prod. nec	0
	Total Tons(x1000)	0
HENDRICKS HARBOR, ME	No Commerce Reported	
HINGHAM HARBOR, MA (INCLUDED IN PORT OF BOSTON)	No Commerce Reported	
HOUSATONIC RIVER, CT	2340 residual fuel oil	11
	4331 sand & gravel	3
	Total Tons(x1000)	15
	Total Ton-miles(x1000)	73
HYANNIS HARBOR, MA	No Commerce Reported	
IPSWICH RIVER, MA	No Commerce Reported	
ISLE AU HAUT THOROUGHFARE, ME	7900 manufac. prod. nec	0
	Total Tons(x1000)	0
	Total Ton-miles(x1000)	0
ISLE OF SHOALS HARBOR, ME AND NH	No Commerce Reported	
JOSIAS RIVER, ME	No Commerce Reported	
KENNEBEC RIVER, ME	No Commerce Reported	
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	

Other Harbors and Waterways 2002 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
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	2221 kerosene	3
	Total Tons(x1000)	<u>3</u>
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 HARBOR, ME	No Commerce Reported	
NEWBURYPORT HARBOR, MA	No Commerce Reported	
NEWPORT HARBOR, RI	1100 coal lignite 2330 distillate fuel oil	91 3
	Total Tons(x1000)	<u>93</u>
	Total Ton-miles(x1000)	93
NIANTIC BAY AND HARBOR, CT	No Commerce Reported	
NORTHEAST HARBOR, ME	4331 sand & gravel	8
	Total Tons(x1000)	<u>8</u>
OWLS HEAD HARBOR, ME	No Commerce Reported	
PATCHOGUE RIVER, CT	No Commerce Reported	
PAWCATUCK RIVER, RI AND CT	No Commerce Reported	

Other Harbors and Waterways 2002 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
PLEASANT RIVER, ME	No Commerce Reported	
PLYMOUTH HARBOR, MA (INCLUDING NORTH PLYMOUTH)	2340 residual fuel oil	5
	Total Tons(x1000)	5
	Total Ton-miles(x1000)	10
POLLACK RIP SHOALS, NANTUCKET SOUND, MA	No Commerce Reported	
PROVINCETOWN HARBOR, MA	No Commerce Reported	
RED BROOK HARBOR, BOURNE, MA	No Commerce Reported	
RESERVED CHANNEL (INCLUDED IN PORT OF BOSTON)	2330 distillate fuel oil	1
	2340 residual fuel oil	16
	2350 lube oil & greases	0
	5220 cement & concrete	114
	Total Tons(x1000)	131
	Total Trip-ton-miles Internal and Intraport(x1000)	83
ROCKLAND HARBOR, ME	5220 cement & concrete	114
	Total Tons(x1000)	114
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	
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	

Other Harbors and Waterways 2002 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
STONINGTON HARBOR, ME	7900 manufac. prod. nec	0
	Total Tons(x1000)	0
STONY CREEK, CT	No Commerce Reported	
TAUNTON RIVER, MA	No Commerce Reported	
TENANTS HARBOR, ME	No Commerce Reported	
THOMASTON HARBOR (GEORGES RIVER), ME	No Commerce Reported	
VINEYARD HAVEN HARBOR, MA	2211 gasoline	14
	2330 distillate fuel oil	15
	4331 sand & gravel	66
	4420 iron & steel scrap	0
	4680 non-ferrous scrap	0
	7110 machinery (not elec)	0
	7210 vehicles & parts	0
	7230 ships & boats	0
	7400 manufac. wood prod.	2
	7900 manufac. prod. nec	0
	Total Tons(x1000)	98
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	4170 wood in the rough	0
	Total Tons(x1000)	0
	Total Ton-miles(x1000)	0
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	14
	2330 distillate fuel oil	15
	4331 sand & gravel	80
	4420 iron & steel scrap	0
	4680 non-ferrous scrap	0
	7110 machinery (not elec)	0
	7210 vehicles & parts	0
	7230 ships & boats	0
	7400 manufac. wood prod.	4
	7900 manufac. prod. nec	0
	Total Tons(x1000)	114
	Total Ton-miles(x1000)	113
YORK HARBOR, ME	No Commerce Reported	

Other Harbors and Waterways 2002 - continued

Harbor or Waterway	Commodity	Thousand Short Tons
Non-project		
EASTPORT HARBOR, ME	4225 pulp & waste paper	287
	5480 fab. metal products	0
	6134 fish (not shellfish)	2
	6839 animals & prod. nec	0
	Total Tons(x1000)	290
ISLAND END RIVER, MA (INCLUDED IN PORT OF BOSTON)	2330 distillate fuel oil	0
	2340 residual fuel oil	1
	2350 lube oil & greases	0
	3276 metallic salts	0
	3285 perfumes & cleansers	0
	3292 starches, gluten, glue	14
	3299 chem. products nec	14
	4110 rubber & gums	0
	4189 lumber	1
	5120 paper & paperboard	1
	5190 paper products nec	0
	5220 cement & concrete	204
	5422 aluminum	0
	5480 fab. metal products	0
	6134 fish (not shellfish)	31
	6136 shellfish	3
	6653 vegetable oils	0
	6654 vegetables & prod.	0
	6746 wheat flour	0
	6747 grain mill products	0
	6822 dairy products	0
	6835 fish, prepared	0
	6838 tallow, animal oils	0
	6839 animals & prod. nec	0
	6858 fruit juices	0
	6889 food products nec	0
	7110 machinery (not elec)	0
	7120 electrical machinery	0
	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	0	
9900 unknown or nec	1	
Total Tons(x1000)	271	
Total Ton-miles(x1000)	72	
Total Trip-Ton-Miles Internal and Intraport(x1000)	7	

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
1993	1,115	1996	1,117	1999	1,210	2002	975
1994	1,177	1997	1,008	2000	1,118		
1995	1,238	1998	1,192	2001	952		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Domestic		
		Coastwise Receipts	Internal	
			Inbound Upbound	Outbound Downbnd
Total, all commodities	975	347	506	121
Total petroleum and petroleum products	507	—	506	1
Subtotal petroleum products	507	—	506	1
2211 gasoline	308	—	307	1
2221 kerosene	2	—	2	—
2330 distillate fuel oil	198	—	198	—
Total crude materials, inedible except fuels	467	347	—	120
Subtotal soil, sand, gravel, rock and stone	347	347	—	—
4331 sand & gravel	347	347	—	—
Subtotal iron ore and scrap	120	—	—	120
4420 iron & steel scrap	120	—	—	120
Ton-miles (x1000)	4,476	1,459	2,531	485

Tons All Traffic (x1000) **975**
 Ton-miles All Traffic (x1000) **4,476**
 Total Trip-ton-miles Internal and Intraport (x1000) **24,563**

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
1993	1,825	1996	1,720	1999	2,243	2002	1,627
1994	1,832	1997	2,027	2000	2,547		
1995	1,801	1998	2,264	2001	1,952		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Domestic		
		Coastwise Receipts	Internal	
			Inbound Upbound	Outbound Downbnd
Total, all commodities	1,627	425	1,198	4
Total petroleum and petroleum products	80	—	80	—
Subtotal petroleum products	80	—	80	—
2330 distillate fuel oil	80	—	80	—
2340 residual fuel oil	0	—	0	—
Total crude materials, inedible except fuels	1,168	186	979	3
Subtotal soil, sand, gravel, rock and stone	1,168	186	979	3
4331 sand & gravel	1,168	186	979	3
Total primary manufactured goods	377	240	138	—
Subtotal lime, cement and glass	377	240	138	—
5220 cement & concrete	377	240	138	—
Total waste and scrap nec	1	—	—	1
8900 waste and scrap nec	1	—	—	1
Ton-miles (x1000)	4,385	1,036	3,340	9

Tons All Traffic (x1000) **1,627**
 Ton-miles All Traffic (x1000) **4,385**
 Total Trip-ton-miles Internal and Intraport (x1000) **90,591**

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
1993	15,513	1996	15,285	1999	17,146	2002	15,928
1994	14,944	1997	16,962	2000	16,731		
1995	14,356	1998	17,726	2001	17,987		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total*	Foreign	Domestic
		Inbound	Coastwise Receipts
Total, all commodities	478	21	457
Total food and farm products	478	21	457
Subtotal other agricultural products	478	21	457
6861 sugar	478	21	457
Ton-miles (x1000)	1,913	83	1,830

Tons All Traffic (x1000) **15,928**
 Ton-miles All Traffic (x1000) **202,752**
 Total Trip-ton-miles Internal and Intraport (x1000) **1,207,556**

*Does not include 15,449,127 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
1993	17,302	1996	17,226	1999	18,082	2002	16,372
1994	16,346	1997	18,302	2000	17,287		
1995	15,586	1998	18,853	2001	18,507		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total**	Foreign	Domestic		
		Inbound*	Total	Internal	
			Inbound	Outbound	Upbound
Total, all commodities	446	6	440	282	159
Total petroleum and petroleum products	296	0	296	282	15
Subtotal petroleum products	296	0	296	282	15
2211 gasoline	15	—	15	6	9
2221 kerosene	18	—	18	18	—
2330 distillate fuel oil	95	—	95	95	—
2340 residual fuel oil	163	—	163	162	1
2350 lube oil & greases	0	—	0	0	—
2410 petro. jelly & waxes	0	0	—	—	—
2990 petro. products nec	5	—	5	—	5
Total chemicals and related products	1	1	—	—	—
Subtotal other chemicals and related products	1	1	—	—	—
3220 alcohols	0	0	—	—	—
3230 carboxylic acids	0	0	—	—	—
3240 nitrogen func. comp.	0	0	—	—	—
3250 organo - inorg. comp.	0	0	—	—	—
3275 inorg. elem., oxides, & halogen salts	0	0	—	—	—
3276 metallic salts	0	0	—	—	—
3282 pigments & paints	0	0	—	—	—
3284 medicines	0	0	—	—	—
3285 perfumes & cleansers	0	0	—	—	—
3286 plastics	0	0	—	—	—
3292 starches, gluten, glue	0	0	—	—	—
3299 chem. products nec	0	0	—	—	—

HUDSON RIVER CHANNEL, NY AND NJ (INCLUDED IN PORT OF NEW YORK)
Freight Traffic, 2002 - continued
(thousand short tons)

Commodity	Grand Total**	Foreign	Domestic		
		Inbound*	Total	Internal	
				Inbound	Outbound
			Upbound	Downbnd	
Total crude materials, inedible except fuels	0	0	---	---	---
Subtotal forest products, wood and chips	0	0	---	---	---
4190 forest products nec	0	0	---	---	---
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	---	---	---
5220 cement & concrete	0	0	---	---	---
5240 glass & glass prod.	0	0	---	---	---
5290 misc. mineral prod.	0	0	---	---	---
Subtotal primary iron and steel products	0	0	---	---	---
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	1	1	---	---	---
5421 copper	0	0	---	---	---
5429 smelted prod. nec	0	0	---	---	---
5480 fab. metal products	0	0	---	---	---
Total food and farm products	1	1	---	---	---
Subtotal fish	1	1	---	---	---
6134 fish (not shellfish)	0	0	---	---	---
6136 shellfish	0	0	---	---	---
Subtotal oilseeds	0	0	---	---	---
6590 oilseeds nec	0	0	---	---	---
Subtotal vegetable products	0	0	---	---	---
6654 vegetables & prod.	0	0	---	---	---
Subtotal other agricultural products	0	0	---	---	---
6858 fruit juices	0	0	---	---	---
6889 food products nec	0	0	---	---	---
Total all manufactured equipment, machinery and products	3	3	---	---	---
7110 machinery (not elec)	0	0	---	---	---
7120 electrical machinery	0	0	---	---	---
7210 vehicles & parts	0	0	---	---	---
7400 manufac. wood prod.	0	0	---	---	---
7500 textile products	1	1	---	---	---
7600 rubber & plastic pr.	1	1	---	---	---
7900 manufac. prod. nec	1	1	---	---	---
Total waste and scrap nec	144	---	144	---	144
8900 waste and scrap nec	144	---	144	---	144
Total unknown or not elsewhere classified	0	0	---	---	---
9900 unknown or nec	0	0	---	---	---
Ton-miles (x1000)	2,730	36	185,819	1,772	923

Tons All Traffic (x1000) 16,372
Ton-miles All Traffic (x1000) 209,767
Total Trip-ton-miles Internal and Intraport (x1000) 1,215,609

*Includes 13 tons of foreign inbound in-transits.

**Does not include 15,925,955 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
1993	29,099	1996	31,409	1999	33,309	2002	30,140
1994	29,610	1997	33,603	2000	34,263		
1995	29,017	1998	35,464	2001	31,609		

Freight Traffic, 2002 (thousand short tons)

Commodity	Total*	Foreign & Canadian	
		Inbound	Inbound
Total, all commodities	1,428	650	778
Total petroleum and petroleum products	48	—	48
Subtotal petroleum products	48	—	48
2340 residual fuel oil	48	—	48
Total chemicals and related products	13	13	—
Subtotal other chemicals and related products	13	13	—
3299 chem. products nec	13	13	—
Total crude materials, inedible except fuels	702	24	677
Subtotal soil, sand, gravel, rock and stone	555	24	531
4331 sand & gravel	555	24	531
Subtotal other non-metal. min.	146	—	146
4900 non-metal. min. nec	146	—	146
Total primary manufactured goods	622	587	35
Subtotal lime, cement and glass	622	587	35
5220 cement & concrete	587	587	—
5290 misc. mineral prod.	35	—	35
Total food and farm products	26	26	—
Subtotal other agricultural products	26	26	—
6861 sugar	10	10	—
6872 cocoa beans	16	16	—
Total unknown or not elsewhere classified	17	—	17
9900 unknown or nec	17	—	17
Ton-miles (x1000)	4,634	2,011	2,624
Foreign & Canadian			

Commodity	Total*	Domestic					
		Coastwise		Internal			
		Receipts	Shipments	Inbound Upbound	Outbound Downbnd	Intra Upbound Downbnd	
Total, all commodities	3,824	1,497	131	1,933	128	115	19
Total petroleum and petroleum products	3,328	1,002	131	1,933	128	115	19
Subtotal crude petroleum	23	—	—	—	23	—	—
2100 crude petroleum	23	—	—	—	23	—	—
Subtotal petroleum products	3,305	1,002	131	1,933	105	115	19
2211 gasoline	33	7	0	18	8	—	—
2221 kerosene	6	—	—	6	—	—	—
2330 distillate fuel oil	828	206	—	614	1	6	0
2340 residual fuel oil	2,258	723	130	1,183	94	109	19
2350 lube oil & greases	0	—	—	0	—	—	—
2430 asphalt, tar & pitch	178	66	—	112	—	—	—
2990 petro. products nec	2	—	—	—	2	—	—
Total crude materials, inedible except fuels	1	—	—	1	0	—	—
Subtotal forest products, wood and chips	1	—	—	1	0	—	—
4170 wood in the rough	1	—	—	1	0	—	—
Total food and farm products	496	496	—	—	—	—	—
Subtotal other agricultural products	496	496	—	—	—	—	—
6889 food products nec	496	496	—	—	—	—	—
Ton-miles (x1000)	28,580	10,435	957	15,820	1,220	125	23
Domestic							
Tons All Traffic (x1000)	30,140						
Ton-miles All Traffic (x1000)	433,198						
Total Trip-ton-miles Internal and Intraport (x1000)	209,715						

*Does not include 24,887,274 tons of through traffic.

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
1993	1,553	1996	1,522	1999	1,302	2002	996
1994	1,483	1997	1,422	2000	1,200		
1995	1,487	1998	1,471	2001	458		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Domestic			
		Coastwise		Internal	
		Receipts	Shipments	Inbound Upbound	Outbound Downbnd
Total, all commodities	996	3	89	470	435
Total petroleum and petroleum products	319	---	---	318	1
Subtotal petroleum products	319	---	---	318	1
2211 gasoline	24	---	---	24	---
2221 kerosene	4	---	---	4	---
2330 distillate fuel oil	232	---	---	232	---
2340 residual fuel oil	59	---	---	58	1
Total crude materials, inedible except fuels	580	3	7	152	418
Subtotal forest products, wood and chips	0	---	---	0	---
4170 wood in the rough	0	---	---	0	---
Subtotal soil, sand, gravel, rock and stone	149	2	7	139	---
4331 sand & gravel	149	2	7	139	---
Subtotal iron ore and scrap	431	1	---	13	418
4420 iron & steel scrap	431	1	---	13	418
Total waste and scrap nec	97	---	82	---	16
8900 waste and scrap nec	97	---	82	---	16
Ton-miles (x1000)	1,691	8	89	1,142	453

Tons All Traffic (x1000) 996
 Ton-miles All Traffic (x1000) 1,691
 Total Trip-ton-miles Internal and Intraport (x1000) 25,253

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
1993	26,993	1996	29,605	1999	32,229	2002	28,998
1994	27,022	1997	32,160	2000	34,723		
1995	27,299	1998	33,747	2001	30,385		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total**	Foreign		Canadian	Domestic		
		Inbound*	Outbound*		Inbound	Total	Internal
				Inbound Upbound		Outbound Downbnd	
Total, all commodities	1,274	617	268	18	372	162	210
Total coal	0	0	---	---	---	---	---
1100 coal lignite	0	0	---	---	---	---	---
Total petroleum and petroleum products	93	66	2	---	25	25	---
Subtotal petroleum products	93	66	2	---	25	25	---
2211 gasoline	66	66	0	---	---	---	---
2221 kerosene	0	---	0	---	---	---	---
2330 distillate fuel oil	1	---	0	---	1	1	---
2340 residual fuel oil	24	---	0	---	24	24	---
2350 lube oil & greases	2	0	1	---	0	0	---
2410 petro. jelly & waxes	0	0	0	---	---	---	---
2429 naphtha & solvents	0	0	0	---	---	---	---
2430 asphalt, tar & pitch	0	---	0	---	---	---	---
2540 petroleum coke	0	0	0	---	---	---	---
2640 liquid natural gas	0	---	0	---	---	---	---
Total chemicals and related products	71	45	26	---	---	---	---
Subtotal fertilizers	1	0	1	---	---	---	---
3110 nitrogenous fert.	0	0	---	---	---	---	---
3130 potassic fert.	0	0	---	---	---	---	---
3190 fert. & mixes nec	1	0	1	---	---	---	---

BUTTERMILK CHANNEL, NY (INCLUDED IN PORT OF NEW YORK)
 Freight Traffic, 2002 - continued
 (thousand short tons)

Commodity	Grand Total**	Foreign		Canadian	Domestic		
		Inbound*	Outbound*	Inbound	Total	Internal	
						Inbound	Outbound
					Upbound	Downbnd	
Subtotal other chemicals and related products	70	45	25	---	---	---	---
3211 acyclic hydrocarbons	0	0	0	---	---	---	---
3212 benzene & toluene	0	---	0	---	---	---	---
3219 other hydrocarbons	1	1	0	---	---	---	---
3220 alcohols	4	3	1	---	---	---	---
3230 carboxylic acids	3	2	0	---	---	---	---
3240 nitrogen func. comp.	1	1	0	---	---	---	---
3250 organo - inorg. comp.	1	0	1	---	---	---	---
3260 organic comp. nec	4	4	0	---	---	---	---
3272 sulphuric acid	0	---	0	---	---	---	---
3274 sodium hydroxide	0	0	0	---	---	---	---
3275 inorg. elem., oxides, & halogen salts	1	1	1	---	---	---	---
3276 metallic salts	2	1	0	---	---	---	---
3279 inorganic chem. nec	1	1	1	---	---	---	---
3281 radioactive material	0	0	---	---	---	---	---
3282 pigments & paints	2	0	2	---	---	---	---
3283 coloring mat. nec	2	2	0	---	---	---	---
3284 medicines	2	1	0	---	---	---	---
3285 perfumes & cleansers	11	5	5	---	---	---	---
3286 plastics	23	15	8	---	---	---	---
3291 pesticides	1	1	0	---	---	---	---
3292 starches, gluten, glue	4	3	1	---	---	---	---
3293 explosives	0	0	0	---	---	---	---
3297 chemical additives	2	0	2	---	---	---	---
3298 wood & resin chem.	0	0	0	---	---	---	---
3299 chem. products nec	6	3	3	---	---	---	---
Total crude materials, inedible except fuels	173	63	91	18	1	1	---
Subtotal forest products, wood and chips	49	29	1	18	1	1	---
4110 rubber & gums	1	1	0	---	---	---	---
4150 fuel wood	0	0	---	---	---	---	---
4170 wood in the rough	2	1	0	---	1	1	---
4189 lumber	33	13	1	18	---	---	---
4190 forest products nec	14	14	0	---	---	---	---
Subtotal pulp and waste paper	77	0	77	---	---	---	---
4225 pulp & waste paper	77	0	77	---	---	---	---
Subtotal soil, sand, gravel, rock and stone	14	14	0	---	---	---	---
4310 building stone	13	13	---	---	---	---	---
4322 limestone	0	0	0	---	---	---	---
4331 sand & gravel	1	1	0	---	---	---	---
Subtotal iron ore and scrap	2	---	2	---	---	---	---
4410 iron ore	0	---	0	---	---	---	---
4420 iron & steel scrap	2	---	2	---	---	---	---
Subtotal non-ferrous ores and scrap	9	0	9	---	---	---	---
4630 copper ore	3	---	3	---	---	---	---
4650 aluminum ore	0	0	0	---	---	---	---
4670 manganese ore	0	---	0	---	---	---	---
4680 non-ferrous scrap	5	0	5	---	---	---	---
4690 non-ferrous ores nec	1	---	1	---	---	---	---
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.	20	20	0	---	---	---	---
4900 non-metal. min. nec	20	20	0	---	---	---	---
Total primary manufactured goods	145	110	36	---	---	---	---
Subtotal paper products	27	8	19	---	---	---	---
5110 newsprint	2	---	2	---	---	---	---
5120 paper & paperboard	20	5	15	---	---	---	---
5190 paper products nec	4	3	1	---	---	---	---
Subtotal lime, cement and glass	61	59	3	---	---	---	---
5210 lime	0	---	0	---	---	---	---
5240 glass & glass prod.	6	5	1	---	---	---	---
5290 misc. mineral prod.	56	54	2	---	---	---	---
Subtotal primary iron and steel products	19	16	3	---	---	---	---
5312 pig iron	0	0	0	---	---	---	---
5315 ferro alloys	0	0	0	---	---	---	---
5320 i&s primary forms	5	4	1	---	---	---	---
5330 i&s plates & sheets	3	1	1	---	---	---	---
5360 i&s bars & shapes	3	3	0	---	---	---	---
5370 i&s pipe & tube	6	6	0	---	---	---	---
5390 primary i&s nec	2	2	0	---	---	---	---
Subtotal primary non-ferrous metal products	36	25	11	---	---	---	---
5421 copper	2	2	0	---	---	---	---
5422 aluminum	1	0	1	---	---	---	---
5429 smelted prod. nec	6	1	6	---	---	---	---
5480 fab. metal products	26	22	4	---	---	---	---
Subtotal primary wood products	2	1	1	---	---	---	---
5540 primary wood prod.	2	1	1	---	---	---	---
Total food and farm products	226	178	48	---	---	---	---
Subtotal fish	7	6	0	---	---	---	---
6134 fish (not shellfish)	2	2	0	---	---	---	---

BUTTERMILK CHANNEL, NY (INCLUDED IN PORT OF NEW YORK)
 Freight Traffic, 2002 - continued
 (thousand short tons)

Commodity	Grand Total**	Foreign		Canadian	Domestic		
		Inbound*	Outbound*	Inbound	Total	Internal	
						Inbound Upbound	Outbound Downbnd
6136 shellfish	5	5	0	---	---	---	---
Subtotal grain	6	5	0	---	---	---	---
6241 wheat	0	0	---	---	---	---	---
6344 corn	0	0	0	---	---	---	---
6442 rice	5	5	---	---	---	---	---
6445 oats	0	---	0	---	---	---	---
Subtotal oilseeds	19	18	0	---	---	---	---
6522 soybeans	0	---	0	---	---	---	---
6590 oilseeds nec	19	18	0	---	---	---	---
Subtotal vegetable products	16	13	3	---	---	---	---
6653 vegetable oils	2	2	1	---	---	---	---
6654 vegetables & prod.	14	12	2	---	---	---	---
Subtotal processed grain and animal feed	10	2	9	---	---	---	---
6746 wheat flour	0	0	0	---	---	---	---
6747 grain mill products	9	2	7	---	---	---	---
6781 hay & fodder	0	0	0	---	---	---	---
6782 animal feed, prep.	2	0	2	---	---	---	---
Subtotal other agricultural products	168	133	35	---	---	---	---
6811 meat, fresh, frozen	6	0	5	---	---	---	---
6817 meat, prepared	1	1	0	---	---	---	---
6822 dairy products	5	4	2	---	---	---	---
6835 fish, prepared	1	1	0	---	---	---	---
6838 tallow, animal oils	0	0	0	---	---	---	---
6839 animals & prod. nec	2	1	0	---	---	---	---
6856 bananas & plantains	0	0	---	---	---	---	---
6857 fruit & nuts nec	8	8	0	---	---	---	---
6858 fruit juices	8	8	0	---	---	---	---
6861 sugar	1	1	0	---	---	---	---
6865 molasses	0	0	0	---	---	---	---
6871 coffee	6	6	0	---	---	---	---
6872 cocoa beans	48	47	1	---	---	---	---
6885 alcoholic beverages	12	11	1	---	---	---	---
6888 water & ice	7	7	0	---	---	---	---
6889 food products nec	59	35	25	---	---	---	---
6891 tobacco & products	1	0	1	---	---	---	---
6893 cotton	0	0	0	---	---	---	---
6894 natural fibers nec	1	1	0	---	---	---	---
6899 farm products nec	1	1	0	---	---	---	---
Total all manufactured equipment, machinery and products	519	121	52	---	346	137	210
7110 machinery (not elec)	21	12	10	---	---	---	---
7120 electrical machinery	9	3	6	---	---	---	---
7210 vehicles & parts	15	8	7	---	---	---	---
7220 aircraft & parts	0	---	0	---	---	---	---
7230 ships & boats	0	0	0	---	---	---	---
7300 ordnance & access.	0	0	0	---	---	---	---
7400 manufac. wood prod.	1	1	0	---	---	---	---
7500 textile products	74	64	11	---	---	---	---
7600 rubber & plastic pr.	14	9	6	---	---	---	---
7900 manufac. prod. nec	383	24	12	---	346	137	210
Total unknown or not elsewhere classified	47	34	13	---	---	---	---
9900 unknown or nec	47	34	13	---	---	---	---
Ton-miles (x1000)	2,548	1,234	535	37	79,626	323	419

Tons All Traffic (x1000) 28,998
 Ton-miles All Traffic (x1000) 85,717
 Total Trip-ton-miles Internal and Inraport (x1000) 104,232

*Includes 40,885 tons of foreign inbound in-transits; Includes 45,142 tons of foreign outbound in-transits.

**Does not include 27,722,619 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
1993	2,853	1996	3,656	1999	1,930	2002	1,345
1994	3,069	1997	2,809	2000	2,137		
1995	2,678	1998	2,419	2001	1,984		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total**	Foreign		Domestic		
		Inbound*	Outbound*	Total	Coastwise	Internal
				Receipts		Inbound
Total, all commodities	45	8	6	31	1	30
Total petroleum and petroleum products	31	---	0	31	1	30
Subtotal petroleum products	31	---	0	31	1	30
2211 gasoline	1	---	---	1	---	1
2221 kerosene	1	---	---	1	1	---
2330 distillate fuel oil	7	---	---	7	---	7
2340 residual fuel oil	22	---	---	22	---	22
2350 lube oil & greases	0	---	0	0	---	0
2410 petro. jelly & waxes	0	---	0	---	---	---
2429 naphtha & solvents	0	---	0	---	---	---
Total chemicals and related products	2	2	1	---	---	---
Subtotal fertilizers	0	---	0	---	---	---
3190 fert. & mixes nec	0	---	0	---	---	---
Subtotal other chemicals and related products	2	2	1	---	---	---
3220 alcohols	0	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	---	---	---	---
3275 inorg. elem., oxides, & halogen salts	0	0	---	---	---	---
3276 metallic salts	0	0	0	---	---	---
3279 inorganic chem. nec	0	0	---	---	---	---
3282 pigments & paints	0	---	0	---	---	---
3283 coloring mat. nec	0	0	---	---	---	---
3284 medicines	0	0	0	---	---	---
3285 perfumes & cleansers	0	0	0	---	---	---
3286 plastics	1	1	0	---	---	---
3291 pesticides	0	---	0	---	---	---
3292 starches, gluten, glue	0	0	0	---	---	---
3299 chem. products nec	0	0	0	---	---	---
Total crude materials, inedible except fuels	1	0	1	0	---	0
Subtotal forest products, wood and chips	0	0	---	0	---	0
4170 wood in the rough	0	---	---	0	---	0
4190 forest products nec	0	0	---	---	---	---
Subtotal pulp and waste paper	0	---	0	---	---	---
4225 pulp & waste paper	0	---	0	---	---	---
Subtotal soil, sand, gravel, rock and stone	0	0	0	---	---	---
4310 building stone	0	0	---	---	---	---
4331 sand & gravel	0	0	0	---	---	---
Subtotal non-ferrous ores and scrap	0	---	0	---	---	---
4630 copper ore	0	---	0	---	---	---
4650 aluminum ore	0	---	0	---	---	---
4680 non-ferrous scrap	0	---	0	---	---	---
4690 non-ferrous ores nec	0	---	0	---	---	---
Subtotal other non-metal. min.	0	0	0	---	---	---
4900 non-metal. min. nec	0	0	0	---	---	---
Total primary manufactured goods	3	1	1	---	---	---
Subtotal paper products	1	0	0	---	---	---
5120 paper & paperboard	0	0	0	---	---	---
5190 paper products nec	0	0	0	---	---	---
Subtotal lime, cement and glass	1	1	0	---	---	---
5290 misc. mineral prod.	1	1	0	---	---	---
Subtotal primary iron and steel products	0	0	---	---	---	---
5320 i&s primary forms	0	0	---	---	---	---
5370 i&s pipe & tube	0	0	---	---	---	---
Subtotal primary non-ferrous metal products	1	0	1	---	---	---
5421 copper	0	0	0	---	---	---
5422 aluminum	0	---	0	---	---	---
5429 smelted prod. nec	0	---	0	---	---	---
5480 fab. metal products	1	0	1	---	---	---
Subtotal primary wood products	0	---	0	---	---	---
5540 primary wood prod.	0	---	0	---	---	---

BAY RIDGE AND RED HOOK CHANNELS, NY (INCLUDED IN PORT OF NEW YORK)
 Freight Traffic, 2002 - continued
 (thousand short tons)

Commodity	Grand Total**	Foreign		Domestic		
		Inbound*	Outbound*	Total	Coastwise	Internal
				Receipts		Inbound Upbound
Total food and farm products	3	1	2	---	---	---
Subtotal fish	0	0	---	---	---	---
6134 fish (not shellfish)	0	0	---	---	---	---
6136 shellfish	0	0	---	---	---	---
Subtotal grain	1	0	1	---	---	---
6241 wheat	1	---	1	---	---	---
6442 rice	0	0	---	---	---	---
Subtotal oilseeds	0	0	---	---	---	---
6590 oilseeds nec	0	0	---	---	---	---
Subtotal vegetable products	0	0	0	---	---	---
6653 vegetable oils	0	---	0	---	---	---
6654 vegetables & prod.	0	0	0	---	---	---
Subtotal processed grain and animal feed	0	0	0	---	---	---
6747 grain mill products	0	0	0	---	---	---
6782 animal feed, prep.	0	---	0	---	---	---
Subtotal other agricultural products	1	1	1	---	---	---
6811 meat, fresh, frozen	0	---	0	---	---	---
6822 dairy products	0	---	0	---	---	---
6838 tallow, animal oils	0	---	0	---	---	---
6839 animals & prod. nec	0	0	---	---	---	---
6857 fruit & nuts nec	0	0	---	---	---	---
6858 fruit juices	0	0	---	---	---	---
6885 alcoholic beverages	0	---	0	---	---	---
6889 food products nec	1	0	0	---	---	---
6893 cotton	0	0	---	---	---	---
Total all manufactured equipment, machinery and products	5	4	1	---	---	---
7110 machinery (not elec)	0	0	0	---	---	---
7120 electrical machinery	0	0	0	---	---	---
7210 vehicles & parts	0	0	0	---	---	---
7220 aircraft & parts	0	---	0	---	---	---
7400 manufac. wood prod.	0	0	---	---	---	---
7500 textile products	3	3	0	---	---	---
7600 rubber & plastic pr.	0	0	0	---	---	---
7900 manufac. prod. nec	0	0	0	---	---	---
Total unknown or not elsewhere classified	1	0	0	---	---	---
9900 unknown or nec	1	0	0	---	---	---
Ton-miles (x1000)	145	16	13	4,015	3	113
Tons All Traffic (x1000)	1,345					
Ton-miles All Traffic (x1000)	4,044					
Total Trip-ton-miles Internal and Intraport (x1000)	39,108					

*Includes 298 tons of foreign inbound in-transits; Includes 1,892 tons of foreign outbound in-transits.

**Does not include 1,299,852 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
1993	2,303	1996	2,649	1999	1,569	2002	1,300
1994	2,490	1997	2,293	2000	1,801		
1995	2,230	1998	2,114	2001	1,691		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total*	Domestic		
		Coastwise Receipts	Internal	
			Inbound Upbound	Outbound Downbnd
Total, all commodities	927	158	743	26
Total petroleum and petroleum products	616	157	453	6
Subtotal petroleum products	616	157	453	6
2211 gasoline	3	—	3	—
2221 kerosene	1	—	1	—
2330 distillate fuel oil	309	—	309	—
2340 residual fuel oil	303	157	139	6
Total crude materials, inedible except fuels	291	1	290	—
Subtotal soil, sand, gravel, rock and stone	291	1	290	—
4331 sand & gravel	291	1	290	—
Total waste and scrap nec	20	—	—	20
8900 waste and scrap nec	20	—	—	20
Ton-miles (x1000)	927	158	743	26

Tons All Traffic (x1000) 1,300
 Ton-miles All Traffic (x1000) 1,300
 Total Trip-ton-miles Internal and Intraport (x1000) 38,860

*Does not include 372,592 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
1993	266	1996	774	1999	465	2002	376
1994	493	1997	775	2000	538		
1995	634	1998	528	2001	487		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Internal Through	
		Upbound	Downbnd
Total petroleum and petroleum products	327	—	327
Subtotal petroleum products	327	—	327
2211 gasoline	237	—	237
2330 distillate fuel oil	90	—	90
Total crude materials, inedible except fuels	49	1	48
Subtotal soil, sand, gravel, rock and stone	49	1	48
4331 sand & gravel	49	1	48
Ton-miles (x1000)	376	1	375

Tons All Traffic (x1000) 376
 Ton-miles All Traffic (x1000) 376
 Total Trip-ton-miles Internal and Intraport (x1000) 14,187

EAST ROCKAWAY INLET, NY (DEBS INLET) (INCLUDED IN PORT OF NEW YORK)

Section Included: A channel from deep water in the Atlantic Ocean to a 12-foot depth inside East Rockaway Inlet. Controlling Depth: 12 feet in channel. Project Depth: 12 feet. All at mean low water. Project Length: 1.0 miles.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1993	954	1996	834	1999	632	2002	321
1994	934	1997	714	2000	545		
1995	827	1998	647	2001	602		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Domestic	
		Coastwise	Through Upbound
Total, all commodities	321		321
Total petroleum and petroleum products	318		318
Subtotal petroleum products	318		318
2211 gasoline	146		146
2221 kerosene	3		3
2330 distillate fuel oil	147		147
2340 residual fuel oil	23		23
Total crude materials, inedible except fuels	2		2
Subtotal soil, sand, gravel, rock and stone	2		2
4331 sand & gravel	2		2
Ton-miles (x1000)	321		321
Tons All Traffic (x1000)	321		
Ton-miles All Traffic (x1000)	321		

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
1993	601	1996	993	1999	664	2002	489
1994	781	1997	934	2000	795		
1995	789	1998	675	2001	621		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Internal	
		Inbound Upbound	Outbound Downbnd
Total, all commodities	489	486	3
Total petroleum and petroleum products	346	346	—
Subtotal petroleum products	346	346	—
2211 gasoline	237	237	—
2330 distillate fuel oil	109	109	—
Total crude materials, inedible except fuels	143	140	3
Subtotal forest products, wood and chips	0	0	—
4170 wood in the rough	0	0	—
Subtotal soil, sand, gravel, rock and stone	143	140	3
4331 sand & gravel	143	140	3
Ton-miles (x1000)	5,875	5,830	45
Tons All Traffic (x1000)	489		
Ton-miles All Traffic (x1000)	5,875		
Total Trip-ton-miles Internal and Intraport (x1000)	24,899		

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
1993	2,033	1996	2,348	1999	3,285	2002	2,720
1994	2,274	1997	2,409	2000	3,567		
1995	2,236	1998	2,311	2001	3,189		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Domestic					
		Coastwise		Internal			
		Receipts	Shipments	Inbound		Outbound	
				Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	2,720	859	848	264	5	285	458
Total petroleum and petroleum products	1,780	859	258	264	3	---	395
Subtotal petroleum products	1,780	859	258	264	3	---	395
2211 gasoline	336	67	109	67	---	---	93
2221 kerosene	392	346	30	3	---	---	13
2330 distillate fuel oil	707	346	109	124	3	---	125
2340 residual fuel oil	343	100	11	68	---	---	164
2429 naphtha & solvents	1	---	---	1	---	---	---
Total crude materials, inedible except fuels	940	---	589	0	1	285	64
Subtotal forest products, wood and chips	0	---	---	0	---	---	---
4170 wood in the rough	0	---	---	0	---	---	---
Subtotal soil, sand, gravel, rock and stone	940	---	589	---	1	285	64
4331 sand & gravel	940	---	589	---	1	285	64
Ton-miles (x1000)	3,705	2,578	358	264	0	0	504

Tons All Traffic (x1000) 2,720
 Ton-miles All Traffic (x1000) 3,705
 Total Trip-ton-miles Internal and Intraport (x1000) 29,379

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
1993	99,787	1996	115,137	1999	106,641	2002	107,406
1994	98,688	1997	117,364	2000	107,510		
1995	92,593	1998	121,546	2001*	107,283		

*Revised after original year of publication

Freight Traffic, 2002 (thousand short tons)

Commodity	Total**	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound
Total, all commodities	12,635	9,932	1,543	1,111	48
Total coal	772	772	0	---	---
1100 coal lignite	772	772	0	---	---
Total petroleum and petroleum products	8,317	7,509	258	506	44
Subtotal crude petroleum	993	993	0	---	---
2100 crude petroleum	993	993	0	---	---
Subtotal petroleum products	7,324	6,516	258	506	44
2211 gasoline	2,585	2,439	38	106	3
2221 kerosene	103	103	0	---	---
2330 distillate fuel oil	785	618	110	57	---
2340 residual fuel oil	3,470	3,019	80	329	42
2350 lube oil & greases	1	0	0	---	---
2410 petro. jelly & waxes	0	0	0	---	---
2429 naphtha & solvents	374	335	30	9	---
2430 asphalt, tar & pitch	6	0	0	5	---
2540 petroleum coke	0	---	0	---	---
2640 liquid natural gas	0	0	0	---	---
Total chemicals and related products	184	147	33	---	4
Subtotal fertilizers	1	0	0	---	---
3110 nitrogenous fert.	0	0	---	---	---
3130 potassic fert.	0	0	0	---	---
3190 fert. & mixes nec	0	0	0	---	---
Subtotal other chemicals and related products	183	147	32	---	4
3211 acyclic hydrocarbons	0	0	0	---	---

UPPER BAY, NEW YORK HARBOR, NY AND NJ (INCLUDED IN PORT OF NEW YORK)
Freight Traffic, 2002 - continued
(thousand short tons)

Commodity	Total**	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound
3212 benzene & toluene	0	—	0	—	—
3219 other hydrocarbons	2	2	0	—	—
3220 alcohols	13	12	1	—	—
3230 carboxylic acids	5	4	1	—	—
3240 nitrogen func. comp.	4	2	2	—	—
3250 organo - inorg. comp.	1	1	0	—	—
3260 organic comp. nec	37	37	0	—	—
3272 sulphuric acid	0	—	0	—	—
3273 ammonia	0	0	0	—	—
3274 sodium hydroxide	0	0	0	—	—
3275 inorg. elem., oxides, & halogen salts	6	4	2	—	—
3276 metallic salts	3	3	0	—	—
3279 inorganic chem. nec	2	2	1	—	—
3281 radioactive material	0	—	0	—	—
3282 pigments & paints	2	1	1	—	—
3283 coloring mat. nec	1	0	1	—	—
3284 medicines	2	1	0	—	—
3285 perfumes & cleansers	7	4	3	—	—
3286 plastics	26	10	17	—	—
3291 pesticides	4	0	0	—	4
3292 starches, gluten, glue	3	2	1	—	—
3293 explosives	0	0	0	—	—
3297 chemical additives	42	41	0	—	—
3298 wood & resin chem.	0	0	0	—	—
3299 chem. products nec	23	21	2	—	—
Total crude materials, inedible except fuels	1,742	347	790	604	—
Subtotal forest products, wood and chips	14	8	6	—	—
4110 rubber & gums	0	0	0	—	—
4150 fuel wood	1	0	0	—	—
4170 wood in the rough	2	1	2	—	—
4189 lumber	8	5	3	—	—
4190 forest products nec	2	2	0	—	—
Subtotal pulp and waste paper	96	1	95	—	—
4225 pulp & waste paper	96	1	95	—	—
Subtotal soil, sand, gravel, rock and stone	790	186	0	604	—
4310 building stone	5	5	0	—	—
4322 limestone	0	0	—	—	—
4323 gypsum	657	93	0	564	—
4331 sand & gravel	128	87	0	41	—
Subtotal iron ore and scrap	686	0	686	0	—
4420 iron & steel scrap	686	0	686	0	—
Subtotal non-ferrous ores and scrap	4	1	2	—	—
4630 copper ore	0	—	0	—	—
4650 aluminum ore	2	1	1	—	—
4680 non-ferrous scrap	1	0	1	—	—
4690 non-ferrous ores nec	0	0	0	—	—
Subtotal sulphur, clay and salt	2	1	2	—	—
4741 sulphur, (dry)	0	—	0	—	—
4782 clay & refrac. mat.	2	1	1	—	—
Subtotal slag	0	—	0	—	—
4860 slag	0	—	0	—	—
Subtotal other non-metal. min.	151	150	0	—	—
4900 non-metal. min. nec	151	150	0	—	—
Total primary manufactured goods	590	204	385	0	—
Subtotal paper products	30	18	11	—	—
5110 newsprint	0	—	0	—	—
5120 paper & paperboard	23	14	9	—	—
5190 paper products nec	6	4	2	—	—
Subtotal lime, cement and glass	83	80	3	—	—
5220 cement & concrete	0	0	0	—	—
5240 glass & glass prod.	13	11	2	—	—
5290 misc. mineral prod.	70	69	1	—	—
Subtotal primary iron and steel products	81	13	68	0	—
5312 pig iron	11	3	8	—	—
5315 ferro alloys	0	0	0	—	—
5320 i&s primary forms	42	2	41	—	—
5330 i&s plates & sheets	20	1	19	—	—
5360 i&s bars & shapes	3	3	0	—	—
5370 i&s pipe & tube	3	3	0	0	—
5390 primary i&s nec	2	1	0	—	—
Subtotal primary non-ferrous metal products	392	90	302	—	—
5421 copper	2	2	0	—	—
5422 aluminum	2	2	1	—	—
5429 smelted prod. nec	299	2	297	—	—
5480 fab. metal products	89	85	4	—	—
Subtotal primary wood products	4	3	1	—	—
5540 primary wood prod.	4	3	1	—	—
Total food and farm products	237	223	13	0	—
Subtotal fish	11	10	0	0	—
6134 fish (not shellfish)	4	4	0	0	—
6136 shellfish	6	6	0	—	—
Subtotal grain	10	10	0	—	—
6344 corn	0	—	0	—	—

UPPER BAY, NEW YORK HARBOR, NY AND NJ (INCLUDED IN PORT OF NEW YORK)
Freight Traffic, 2002 - continued
(thousand short tons)

Commodity	Total**	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound
6442 rice	10	10	—	—	—
Subtotal oilseeds	2	2	0	—	—
6521 peanuts	0	0	—	—	—
6522 soybeans	0	0	0	—	—
6590 oilseeds nec	1	1	0	—	—
Subtotal vegetable products	31	30	1	—	—
6653 vegetable oils	7	7	0	—	—
6654 vegetables & prod.	24	24	1	—	—
Subtotal processed grain and animal feed	5	4	1	—	—
6746 wheat flour	0	0	0	—	—
6747 grain mill products	4	3	0	—	—
6781 hay & fodder	0	0	0	—	—
6782 animal feed, prep.	1	0	1	—	—
Subtotal other agricultural products	178	168	10	—	—
6811 meat, fresh, frozen	3	0	2	—	—
6817 meat, prepared	1	0	1	—	—
6822 dairy products	5	5	0	—	—
6835 fish, prepared	2	2	0	—	—
6838 tallow, animal oils	0	0	0	—	—
6839 animals & prod. nec	3	2	2	—	—
6856 bananas & plantains	1	1	—	—	—
6857 fruit & nuts nec	8	8	0	—	—
6858 fruit juices	30	30	0	—	—
6861 sugar	0	0	0	—	—
6865 molasses	0	0	0	—	—
6871 coffee	7	7	0	—	—
6872 cocoa beans	4	4	0	—	—
6885 alcoholic beverages	71	71	0	—	—
6888 water & ice	3	3	0	—	—
6889 food products nec	36	33	3	—	—
6891 tobacco & products	1	0	0	—	—
6893 cotton	1	1	0	—	—
6894 natural fibers nec	0	0	0	—	—
6899 farm products nec	1	1	1	—	—
Total all manufactured equipment, machinery and products	716	660	55	0	—
7110 machinery (not elec)	46	38	8	0	—
7120 electrical machinery	31	27	4	—	—
7210 vehicles & parts	410	384	26	—	—
7220 aircraft & parts	0	0	0	—	—
7230 ships & boats	0	0	0	—	—
7300 ordnance & access.	1	1	0	—	—
7400 manufac. wood prod.	4	3	1	—	—
7500 textile products	47	45	2	—	—
7600 rubber & plastic pr.	34	29	5	—	—
7900 manufac. prod. nec	142	134	8	—	—
Total unknown or not elsewhere classified	77	68	9	1	—
9900 unknown or nec	77	68	9	1	—
Ton-miles (x1000)	44,235	32,759	7,813	3,519	145
Foreign & Canadian					

Commodity	Total**	Domestic						
		Coastwise		Internal				
		Receipts	Shipments	Inbound		Outbound		Intra
		Upbound	Downbnd	Upbound	Downbnd	Upbound		
Total, all commodities	6,360	286	1,026	3	1,483	3,529	14	20
Total petroleum and petroleum products	5,177	125	929	0	746	3,343	14	19
Subtotal crude petroleum	375	—	48	—	—	327	—	—
2100 crude petroleum	375	—	48	—	—	327	—	—
Subtotal petroleum products	4,802	125	881	0	746	3,016	14	19
2211 gasoline	1,915	108	354	—	51	1,372	12	17
2221 kerosene	152	—	29	—	—	123	—	—
2330 distillate fuel oil	755	4	237	—	41	472	2	—
2340 residual fuel oil	1,677	6	247	0	596	825	—	2
2350 lube oil & greases	21	—	—	0	21	—	—	—
2429 naphtha & solvents	242	—	8	—	36	198	—	—
2990 petro. products nec	39	7	7	—	1	24	—	—
Total chemicals and related products	304	111	41	—	8	143	—	—
Subtotal other chemicals and related products	304	111	41	—	8	143	—	—
3212 benzene & toluene	7	—	—	—	—	7	—	—
3220 alcohols	7	—	—	—	—	7	—	—
3297 chemical additives	271	111	29	—	8	123	—	—
3299 chem. products nec	19	—	12	—	—	7	—	—
Total crude materials, inedible except fuels	832	49	47	3	728	6	—	—
Subtotal iron ore and scrap	832	49	47	3	728	6	—	—

UPPER BAY, NEW YORK HARBOR, NY AND NJ (INCLUDED IN PORT OF NEW YORK)
 Freight Traffic, 2002 - continued
 (thousand short tons)

Commodity	Total**	Domestic						
		Coastwise		Internal				
		Receipts	Shipments	Inbound		Outbound		Intra
		Upbound	Downbnd	Upbound	Downbnd	Upbound		
4420 iron & steel scrap	832	49	47	3	728	6	—	—
Total primary manufactured goods	34	1	—	—	—	33	—	—
Subtotal lime, cement and glass	34	1	—	—	—	33	—	—
5220 cement & concrete	34	1	—	—	—	33	—	—
Total food and farm products	4	—	—	—	—	4	—	—
Subtotal vegetable products	4	—	—	—	—	4	—	—
6653 vegetable oils	4	—	—	—	—	4	—	—
Total all manufactured equipment, machinery and products	9	—	8	—	—	—	—	1
7900 manufac. prod. nec	9	—	8	—	—	—	—	1
Ton-miles (x1000)	14,446	537	3,296	0	2,030	8,538	25	20
Domestic								
Tons All Traffic (x1000)	107,406							
Ton-miles All Traffic (x1000)	357,577							
Total Trip-ton-miles Internal and Intraport (x1000)	1,282,150							

*Includes 42,426 tons of foreign inbound in-transits; Includes 9,967 tons of foreign outbound in-transits;
 Includes 61,605 tons of Canadian inbound in-transits.

**Does not include 88,412,048 tons of through traffic.

NEWARK BAY, NJ (INCLUDED IN 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
1993	22,586	1996	21,379	1999	18,546	2002	29,832
1994	24,124	1997	22,062	2000	25,637		
1995	24,214	1998	21,377	2001	22,838		

Freight Traffic, 2002 (thousand short tons)

Commodity	Total**	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound*
Total, all commodities	22,922	16,085	6,677	149	11
Total coal	1	0	1	—	—
1100 coal lignite	1	0	1	—	—
1200 coal coke	0	0	0	—	—
Total petroleum and petroleum products	794	525	140	122	8
Subtotal crude petroleum	1	0	1	—	—
2100 crude petroleum	1	0	1	—	—
Subtotal petroleum products	793	525	139	122	8
2211 gasoline	232	114	39	72	8
2221 kerosene	1	—	1	—	—
2330 distillate fuel oil	171	146	0	25	—
2340 residual fuel oil	192	126	41	25	—
2350 lube oil & greases	39	4	35	—	0
2410 petro. jelly & waxes	22	15	7	—	—
2429 naphtha & solvents	129	116	13	—	—
2430 asphalt, tar & pitch	3	2	1	—	—
2540 petroleum coke	2	0	1	—	0
2640 liquid natural gas	1	1	1	—	—
Total chemicals and related products	2,479	1,563	916	0	0
Subtotal fertilizers	31	19	12	0	—
3110 nitrogenous fert.	5	4	0	—	—
3120 phosphatic fert.	0	0	0	—	—
3130 potassic fert.	2	2	0	—	—
3190 fert. & mixes nec	24	13	11	0	—
Subtotal other chemicals and related products	2,449	1,544	905	0	0
3211 acyclic hydrocarbons	5	2	3	—	—
3212 benzene & toluene	0	0	0	—	—
3219 other hydrocarbons	35	28	7	0	—
3220 alcohols	275	232	42	—	—
3230 carboxylic acids	173	149	24	—	0
3240 nitrogen func. comp.	67	36	31	—	—
3250 organo - inorg. comp.	32	20	11	—	—
3260 organic comp. nec	58	45	13	—	—
3272 sulphuric acid	1	0	1	—	—

NEWARK BAY, NJ (INCLUDED IN PORT OF NEW YORK)
 Freight Traffic, 2002 - continued
 (thousand short tons)

Commodity	Total**	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound*
3273 ammonia	1	0	0	—	—
3274 sodium hydroxide	14	12	2	—	—
3275 inorg. elem., oxides, & halogen salts	173	108	65	0	0
3276 metallic salts	110	87	24	—	—
3279 inorganic chem. nec	45	35	10	—	—
3281 radioactive material	3	1	2	—	—
3282 pigments & paints	72	34	38	0	0
3283 coloring mat. nec	21	10	11	—	—
3284 medicines	66	38	27	—	—
3285 perfumes & cleansers	236	124	111	0	—
3286 plastics	645	334	311	0	—
3291 pesticides	26	13	13	—	—
3292 starches, gluten, glue	108	86	22	—	—
3293 explosives	1	1	0	—	—
3297 chemical additives	61	15	46	—	—
3298 wood & resin chem.	4	4	0	—	—
3299 chem. products nec	216	128	88	—	—
Total crude materials, inedible except fuels	3,556	1,266	2,289	0	1
Subtotal forest products, wood and chips	384	220	164	0	—
4110 rubber & gums	1	1	0	—	—
4150 fuel wood	3	2	1	—	—
4161 wood chips	0	0	0	—	—
4170 wood in the rough	53	8	45	0	—
4189 lumber	273	165	108	0	—
4190 forest products nec	55	45	10	—	—
Subtotal pulp and waste paper	1,761	28	1,733	—	—
4225 pulp & waste paper	1,761	28	1,733	—	—
Subtotal soil, sand, gravel, rock and stone	449	442	7	—	—
4310 building stone	253	252	1	—	—
4322 limestone	5	4	1	—	—
4323 gypsum	178	177	1	—	—
4331 sand & gravel	13	9	4	—	—
Subtotal iron ore and scrap	347	37	310	—	0
4410 iron ore	37	37	0	—	—
4420 iron & steel scrap	310	0	310	—	0
Subtotal marine shells	0	0	0	0	—
4515 marine shells	0	0	0	0	—
Subtotal non-ferrous ores and scrap	69	15	54	—	1
4630 copper ore	0	—	0	—	—
4650 aluminum ore	10	7	3	—	—
4670 manganese ore	0	—	0	—	—
4680 non-ferrous scrap	53	4	49	—	—
4690 non-ferrous ores nec	5	3	2	—	1
Subtotal sulphur, clay and salt	57	53	4	—	—
4741 sulphur, (dry)	1	0	0	—	—
4782 clay & refrac. mat.	57	53	4	—	—
Subtotal slag	2	0	1	—	—
4860 slag	2	0	1	—	—
Subtotal other non-metal. min.	485	470	15	0	—
4900 non-metal. min. nec	485	470	15	0	—
Total primary manufactured goods	4,291	3,191	1,093	7	0
Subtotal paper products	938	638	294	5	—
5110 newsprint	31	4	27	0	—
5120 paper & paperboard	715	504	206	5	—
5190 paper products nec	191	130	61	0	—
Subtotal lime, cement and glass	1,484	1,425	59	0	0
5210 lime	0	0	0	—	—
5220 cement & concrete	395	394	1	—	—
5240 glass & glass prod.	309	275	34	—	—
5290 misc. mineral prod.	780	756	24	0	0
Subtotal primary iron and steel products	379	286	93	0	0
5312 pig iron	46	39	7	—	—
5315 ferro alloys	8	8	0	—	—
5320 i&s primary forms	82	34	48	0	0
5330 i&s plates & sheets	51	34	17	0	—
5360 i&s bars & shapes	58	51	7	0	—
5370 i&s pipe & tube	58	49	9	0	—
5390 primary i&s nec	77	71	5	0	0
Subtotal primary non-ferrous metal products	1,400	770	629	1	0
5421 copper	65	60	5	—	—
5422 aluminum	72	60	11	0	—
5429 smelted prod. nec	498	27	471	0	—
5480 fab. metal products	765	623	141	1	0
Subtotal primary wood products	90	72	18	0	—
5540 primary wood prod.	90	72	18	0	—
Total food and farm products	4,971	4,267	691	13	1
Subtotal fish	208	170	31	7	0
6134 fish (not shellfish)	107	76	24	7	0
6136 shellfish	101	94	6	0	0
Subtotal grain	81	65	16	—	—
6241 wheat	4	1	3	—	—
6344 corn	12	1	12	—	—
6442 rice	63	62	1	—	—

NEWARK BAY, NJ (INCLUDED IN PORT OF NEW YORK)
 Freight Traffic, 2002 - continued
 (thousand short tons)

Commodity	Total**	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound*
6443 barley & rye	1	1	0	—	—
6445 oats	0	0	0	—	—
6447 sorghum grains	0	0	0	—	—
Subtotal oilseeds	67	54	13	0	0
6521 peanuts	15	15	0	—	0
6522 soybeans	5	4	1	—	—
6534 flaxseed	0	0	0	—	—
6590 oilseeds nec	48	36	12	0	—
Subtotal vegetable products	877	784	92	1	—
6653 vegetable oils	296	287	8	—	—
6654 vegetables & prod.	582	497	83	1	—
Subtotal processed grain and animal feed	189	104	84	0	—
6746 wheat flour	6	3	3	0	—
6747 grain mill products	111	91	19	0	—
6781 hay & fodder	1	0	1	0	—
6782 animal feed, prep.	70	9	61	0	—
Subtotal other agricultural products	3,550	3,090	456	4	0
6811 meat, fresh, frozen	84	24	59	1	0
6817 meat, prepared	26	23	3	—	—
6822 dairy products	164	142	22	—	—
6835 fish, prepared	49	44	3	2	—
6838 tallow, animal oils	18	3	15	—	—
6839 animals & prod. nec	67	29	39	—	—
6856 bananas & plantains	22	22	0	0	—
6857 fruit & nuts nec	319	270	48	0	0
6858 fruit juices	469	450	19	0	0
6861 sugar	46	32	14	—	—
6865 molasses	1	0	0	—	—
6871 coffee	252	247	5	0	—
6872 cocoa beans	127	121	6	0	0
6885 alcoholic beverages	886	864	22	0	0
6888 water & ice	145	142	3	—	—
6889 food products nec	781	615	166	1	0
6891 tobacco & products	12	8	4	0	—
6893 cotton	5	3	2	—	—
6894 natural fibers nec	10	7	3	—	—
6899 farm products nec	66	43	23	0	—
Total all manufactured equipment, machinery and products	5,657	4,559	1,091	5	2
7110 machinery (not elec)	662	463	198	0	0
7120 electrical machinery	500	364	137	0	—
7210 vehicles & parts	1,043	801	240	0	1
7220 aircraft & parts	8	4	4	—	—
7230 ships & boats	6	3	3	0	0
7300 ordnance & access.	11	8	3	—	—
7400 manufac. wood prod.	106	91	16	0	0
7500 textile products	877	775	101	0	0
7600 rubber & plastic pr.	567	458	109	0	0
7900 manufac. prod. nec	1,876	1,592	280	4	0
Total unknown or not elsewhere classified	1,173	715	455	3	0
9900 unknown or nec	1,173	715	455	3	0
Ton-miles (x1000) Foreign & Canadian	47,667	33,878	13,441	325	23

Commodity	Total**	Coastwise	
		Receipts	Shipments
Total, all commodities	781	250	532
Total coal	1	1	—
1100 coal lignite	1	1	—
Total petroleum and petroleum products	32	18	14
Subtotal petroleum products	32	18	14
2221 kerosene	7	—	7
2330 distillate fuel oil	6	—	6
2340 residual fuel oil	18	18	—
Total chemicals and related products	2	1	1
Subtotal other chemicals and related products	2	1	1
3212 benzene & toluene	0	—	0
3220 alcohols	0	—	0
3275 inorg. elem., oxides, & halogen salts	0	0	—
3284 medicines	0	0	—
3285 perfumes & cleansers	0	0	0
3299 chem. products nec	1	0	1
Total crude materials, inedible except fuels	23	—	23
Subtotal forest products, wood and chips	0	—	0
4190 forest products nec	0	—	0

NEWARK BAY, NJ (INCLUDED IN PORT OF NEW YORK)
Freight Traffic, 2002 - continued
(thousand short tons)

Commodity	Total**	Coastwise	
		Receipts	Shipments
Subtotal iron ore and scrap	23	—	23
4420 iron & steel scrap	23	—	23
Total primary manufactured goods	1	1	—
Subtotal primary non-ferrous metal products	1	1	—
5480 fab. metal products	1	1	—
Total food and farm products	2	2	0
Subtotal fish	0	—	0
6136 shellfish	0	—	0
Subtotal vegetable products	0	0	—
6654 vegetables & prod.	0	0	—
Subtotal processed grain and animal feed	0	—	0
6782 animal feed, prep.	0	—	0
Subtotal other agricultural products	2	2	0
6811 meat, fresh, frozen	0	—	0
6857 fruit & nuts nec	0	0	—
6858 fruit juices	0	—	0
6885 alcoholic beverages	0	0	—
6887 groceries	1	1	0
6889 food products nec	0	0	0
6891 tobacco & products	1	1	—
Total all manufactured equipment, machinery and products	722	228	494
7110 machinery (not elec)	1	1	—
7120 electrical machinery	0	—	0
7400 manufac. wood prod.	3	3	—
7500 textile products	0	0	0
7900 manufac. prod. nec	718	224	494
Total unknown or not elsewhere classified	0	0	—
9900 unknown or nec	0	0	—
Ton-miles (x1000) Coastwise	1,018	393	625

Commodity	Total**	Internal					
		Inbound		Outbound		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	2,421	1,627	9	3	461	32	288
Total petroleum and petroleum products	2,065	1,410	9	3	325	30	288
Subtotal petroleum products	2,065	1,410	9	3	325	30	288
2211 gasoline	9	7	—	—	2	—	—
2330 distillate fuel oil	151	132	—	—	15	1	3
2340 residual fuel oil	1,898	1,264	9	3	307	29	286
2350 lube oil & greases	7	7	—	—	—	—	—
Total crude materials, inedible except fuels	2	2	—	—	0	0	—
Subtotal forest products, wood and chips	2	2	—	—	0	0	—
4170 wood in the rough	2	2	—	—	0	0	—
Total food and farm products	6	6	—	—	—	—	—
Subtotal vegetable products	6	6	—	—	—	—	—
6653 vegetable oils	6	6	—	—	—	—	—
Total all manufactured equipment, machinery and products	348	210	—	—	137	2	—
7900 manufac. prod. nec	348	210	—	—	137	2	—
Ton-miles (x1000) Internal	5,278	3,508	27	6	1,379	32	325
Tons All Traffic (x1000)	29,832						
Ton-miles All Traffic (x1000)	72,503						
Total Trip-ton-miles Internal and Intraport (x1000)	61,042						

*Includes 665,492 tons of foreign inbound in-transits; Includes 375,642 tons of foreign outbound in-transits;
Includes 27,157 tons of Canadian inbound in-transits; Includes 26 tons of Canadian outbound in-transits.

**Does not include 3,708,119 tons of through traffic.

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

Section Included: From mouth upstream to New York, Susquehanna & Western R. R. Bridge at Hackensack. Maintained Depth: 30 feet from the junction of Hackensack and Passaic Rivers to 300 feet south of Central Railroad of New Jersey Bridge; balance of waterway ranges from 10 to 30 feet. Project Length: 16.5 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
1993	1,542	1996	1,254	1999	1,335	2002	1,986
1994	1,305	1997	1,490	2000	1,909		
1995	1,269	1998	1,325	2001	1,942		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian Inbound	Domestic			Internal	
		Inbound*	Outbound		Receipts	Shipments	Inbound Upbound	Outbound Downbnd	
				Total					Coastwise
Total, all commodities	1,986	101	5	5	1,875	1,400	26	182	268
Total coal	1,181	---	---	---	1,181	1,181	---	---	---
1100 coal lignite	1,181	---	---	---	1,181	1,181	---	---	---
Total petroleum and petroleum products	492	56	---	5	431	209	12	145	64
Subtotal petroleum products	492	56	---	5	431	209	12	145	64
2211 gasoline	18	6	---	---	12	12	---	---	---
2330 distillate fuel oil	117	---	---	---	117	---	---	117	---
2340 residual fuel oil	154	---	---	---	154	49	12	28	64
2430 asphalt, tar & pitch	149	---	---	---	149	149	---	---	---
2540 petroleum coke	55	50	---	5	---	---	---	---	---
Total chemicals and related products	64	---	5	---	59	9	13	37	---
Subtotal other chemicals and related products	64	---	5	---	59	9	13	37	---
3260 organic comp. nec	5	---	5	---	---	---	---	---	---
3274 sodium hydroxide	42	---	---	---	42	9	---	33	---
3276 metallic salts	18	---	---	---	18	---	13	4	---
Total crude materials, inedible except fuels	45	45	---	---	---	---	---	---	---
Subtotal other non-metal. min.	45	45	---	---	---	---	---	---	---
4900 non-metal. min. nec	45	45	---	---	---	---	---	---	---
Total food and farm products	0	0	---	---	---	---	---	---	---
Subtotal other agricultural products	0	0	---	---	---	---	---	---	---
6857 fruit & nuts nec	0	0	---	---	---	---	---	---	---
Total waste and scrap nec	204	---	---	---	204	---	---	---	204
8900 waste and scrap nec	204	---	---	---	204	---	---	---	204
Ton-miles(x1000)	9,024	405	21	18	8,580	4,350	64	1,729	2,437

Tons All Traffic (x1000) **1,986**
 Ton-miles All Traffic (x1000) **9,024**
 Total Trip-ton-miles Internal and Intraport (x1000) **8,944**

*Includes 20 tons of foreign inbound in-transits.

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
1993	3,932	1996	3,386	1999	1,540	2002	2,152
1994	3,780	1997	2,450	2000	1,943		
1995	3,586	1998	1,912	2001	2,209		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Foreign Outbound	Domestic					
			Total	Coastwise		Internal		
				Receipts	Shipments	Inbound Upbound	Outbound Downbnd	Intra Upbound
Total, all commodities	2,152	44	2,108	103	300	1,210	491	4
Total petroleum and petroleum products	1,836	---	1,836	98	289	954	491	4
Subtotal petroleum products	1,836	---	1,836	98	289	954	491	4
2211 gasoline	988	---	988	44	133	780	31	---
2221 kerosene	47	---	47	16	---	13	18	---
2330 distillate fuel oil	715	---	715	33	155	116	408	4
2340 residual fuel oil	48	---	48	---	0	40	7	---
2350 lube oil & greases	4	---	4	---	---	---	4	---
2429 naphtha & solvents	29	---	29	---	---	6	22	---
2990 petro. products nec	6	---	6	6	---	---	---	---
Total chemicals and related products	21	---	21	5	---	15	---	---
Subtotal other chemicals and related products	21	---	21	5	---	15	---	---
3220 alcohols	21	---	21	5	---	15	---	---
Total crude materials, inedible except fuels	12	---	12	---	11	1	---	---
Subtotal soil, sand, gravel, rock and stone	1	---	1	---	---	1	---	---
4331 sand & gravel	1	---	1	---	---	1	---	---
Subtotal iron ore and scrap	11	---	11	---	11	---	---	---
4420 iron & steel scrap	11	---	11	---	11	---	---	---
Total food and farm products	44	44	---	---	---	---	---	---
Subtotal other agricultural products	44	44	---	---	---	---	---	---
6838 tallow, animal oils	44	44	---	---	---	---	---	---
Total waste and scrap nec	239	---	239	---	---	239	---	---
8900 waste and scrap nec	239	---	239	---	---	239	---	---
Ton-miles (x1000)	3,355	89	3,267	189	392	2,098	583	4
Tons All Traffic (x1000)		2,152						
Ton-miles All Traffic (x1000)		3,356						
Total Trip-ton-miles Internal and Intraport (x1000)		44,363						

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
1993	83,897	1996	92,797	1999	89,785	2002	111,101
1994	91,559	1997	94,921	2000	98,007		
1995	90,557	1998	95,823	2001*	102,312		

*Revised after original year of publication

Freight Traffic, 2002 (thousand short tons)

Commodity	Total**	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound
Total, all commodities	31,487	23,950	1,437	5,988	112
Total coal	37	37	0	---	---
1100 coal lignite	37	37	0	---	---
1200 coal coke	0	---	0	---	---

NEW YORK AND NEW JERSEY CHANNELS, NY AND NJ (INCLUDED IN PORT OF NEW YORK)
 Freight Traffic, 2002 - continued
 (thousand short tons)

Commodity	Total**	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound
Total petroleum and petroleum products	27,326	20,996	405	5,844	82
Subtotal crude petroleum	11,144	7,277	65	3,798	4
2100 crude petroleum	11,144	7,277	65	3,798	4
Subtotal petroleum products	16,183	13,719	340	2,046	77
2211 gasoline	6,768	5,732	55	964	17
2221 kerosene	108	64	0	12	31
2330 distillate fuel oil	2,668	2,215	145	306	2
2340 residual fuel oil	4,641	3,965	130	535	11
2350 lube oil & greases	19	3	6	9	—
2410 petro. jelly & waxes	2	1	1	—	—
2429 naphtha & solvents	1,918	1,679	4	219	16
2430 asphalt, tar & pitch	19	19	0	—	—
2540 petroleum coke	36	35	0	—	—
2640 liquid natural gas	5	5	0	—	—
Total chemicals and related products	799	580	186	12	20
Subtotal fertilizers	4	1	3	—	—
3110 nitrogenous fert.	0	0	0	—	—
3120 phosphatic fert.	0	0	0	—	—
3130 potassic fert.	0	—	0	—	—
3190 fert. & mixes nec	4	1	3	—	—
Subtotal other chemicals and related products	794	579	183	12	20
3211 acyclic hydrocarbons	4	2	1	2	—
3212 benzene & toluene	0	0	0	—	—
3219 other hydrocarbons	42	38	4	—	—
3220 alcohols	199	185	4	10	—
3230 carboxylic acids	37	34	3	—	—
3240 nitrogen func. comp.	17	5	12	—	—
3250 organo - inorg. comp.	6	3	3	—	—
3260 organic comp. nec	168	166	2	—	—
3272 sulphuric acid	0	0	0	—	—
3273 ammonia	0	0	0	—	—
3274 sodium hydroxide	20	19	1	—	—
3275 inorg. elem., oxides, & halogen salts	19	9	10	—	—
3276 metallic salts	15	10	5	—	—
3279 inorganic chem. nec	3	1	2	—	—
3281 radioactive material	0	0	0	—	—
3282 pigments & paints	13	6	7	—	—
3283 coloring mat. nec	3	2	2	—	—
3284 medicines	7	3	4	—	—
3285 perfumes & cleansers	45	23	21	—	—
3286 plastics	96	38	58	—	—
3291 pesticides	19	3	3	—	13
3292 starches, gluten, glue	16	12	4	—	—
3293 explosives	0	0	0	—	—
3297 chemical additives	30	4	19	—	7
3298 wood & resin chem.	0	0	0	—	—
3299 chem. products nec	31	14	17	—	—
Total crude materials, inedible except fuels	553	102	335	106	10
Subtotal forest products, wood and chips	56	44	12	—	—
4110 rubber & gums	1	1	0	—	—
4150 fuel wood	0	0	0	—	—
4161 wood chips	0	—	0	—	—
4170 wood in the rough	3	1	3	—	—
4189 lumber	39	32	7	—	—
4190 forest products nec	13	11	2	—	—
Subtotal pulp and waste paper	81	1	81	—	—
4225 pulp & waste paper	81	1	81	—	—
Subtotal soil, sand, gravel, rock and stone	117	10	1	106	—
4310 building stone	8	8	0	—	—
4322 limestone	2	1	1	—	—
4323 gypsum	0	0	0	—	—
4331 sand & gravel	107	1	1	106	—
Subtotal iron ore and scrap	217	0	217	—	—
4410 iron ore	0	—	0	—	—
4420 iron & steel scrap	217	0	217	—	—
Subtotal marine shells	0	0	0	—	—
4515 marine shells	0	0	0	—	—
Subtotal non-ferrous ores and scrap	7	1	6	—	—
4630 copper ore	0	0	—	—	—
4650 aluminum ore	1	1	0	—	—
4680 non-ferrous scrap	6	0	6	—	—
4690 non-ferrous ores nec	1	0	0	—	—
Subtotal sulphur, clay and salt	19	2	17	—	—
4741 sulphur, (dry)	16	—	16	—	—
4782 clay & refrac. mat.	2	2	0	—	—
Subtotal slag	0	—	0	—	—
4860 slag	0	—	0	—	—
Subtotal other non-metal. min.	56	44	2	—	10
4900 non-metal. min. nec	56	44	2	—	10
Total primary manufactured goods	515	311	176	27	—
Subtotal paper products	70	38	32	0	—
5110 newsprint	1	—	1	0	—

NEW YORK AND NEW JERSEY CHANNELS, NY AND NJ (INCLUDED IN PORT OF NEW YORK)
 Freight Traffic, 2002 - continued
 (thousand short tons)

Commodity	Total**	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound
5120 paper & paperboard	43	22	21	---	---
5190 paper products nec	26	16	10	---	---
Subtotal lime, cement and glass	172	131	13	27	---
5210 lime	0	0	0	---	---
5220 cement & concrete	2	1	0	---	---
5240 glass & glass prod.	41	32	9	---	---
5290 misc. mineral prod.	129	98	4	27	---
Subtotal primary iron and steel products	31	22	9	---	---
5312 pig iron	1	0	1	---	---
5315 ferro alloys	0	0	0	---	---
5320 i&s primary forms	6	4	2	---	---
5330 i&s plates & sheets	5	2	3	---	---
5360 i&s bars & shapes	11	10	1	---	---
5370 i&s pipe & tube	5	3	2	---	---
5390 primary i&s nec	2	1	1	---	---
Subtotal primary non-ferrous metal products	222	100	121	---	---
5421 copper	13	10	3	---	---
5422 aluminum	12	9	3	---	---
5429 smelted prod. nec	101	3	99	---	---
5480 fab. metal products	96	79	17	---	---
Subtotal primary wood products	20	19	1	---	---
5540 primary wood prod.	20	19	1	---	---
Total food and farm products	1,265	1,142	123	0	---
Subtotal fish	62	60	3	---	---
6134 fish (not shellfish)	20	18	2	---	---
6136 shellfish	43	42	1	---	---
Subtotal grain	23	19	4	---	---
6241 wheat	2	0	1	---	---
6344 corn	3	1	2	---	---
6442 rice	18	18	0	---	---
6445 oats	0	0	0	---	---
Subtotal oilseeds	11	10	1	---	---
6521 peanuts	0	0	0	---	---
6522 soybeans	0	0	0	---	---
6590 oilseeds nec	11	10	1	---	---
Subtotal vegetable products	103	92	11	---	---
6653 vegetable oils	16	14	1	---	---
6654 vegetables & prod.	87	78	9	---	---
Subtotal processed grain and animal feed	39	23	16	---	---
6746 wheat flour	1	0	0	---	---
6747 grain mill products	19	14	5	---	---
6781 hay & fodder	0	0	0	---	---
6782 animal feed, prep.	19	8	10	---	---
Subtotal other agricultural products	1,027	938	88	0	---
6811 meat, fresh, frozen	13	1	12	---	---
6817 meat, prepared	3	1	2	---	---
6822 dairy products	29	25	4	---	---
6835 fish, prepared	24	23	1	---	---
6838 tallow, animal oils	27	0	26	---	---
6839 animals & prod. nec	73	71	2	---	---
6856 bananas & plantains	176	176	0	---	---
6857 fruit & nuts nec	58	55	3	---	---
6858 fruit juices	75	72	3	---	---
6861 sugar	1	1	0	---	---
6865 molasses	0	---	0	---	---
6871 coffee	77	76	1	---	---
6872 cocoa beans	68	68	0	---	---
6885 alcoholic beverages	247	246	1	---	---
6888 water & ice	25	24	1	---	---
6889 food products nec	118	94	25	0	---
6891 tobacco & products	2	1	0	---	---
6893 cotton	0	0	0	---	---
6894 natural fibers nec	1	1	0	---	---
6899 farm products nec	9	2	7	---	---
Total all manufactured equipment, machinery and products	851	688	162	---	0
7110 machinery (not elec)	81	51	30	---	---
7120 electrical machinery	78	48	31	---	---
7210 vehicles & parts	41	24	18	---	---
7220 aircraft & parts	1	1	0	---	---
7230 ships & boats	1	0	0	---	---
7300 ordnance & access.	3	3	0	---	---
7400 manufac. wood prod.	10	9	2	---	---
7500 textile products	270	247	23	---	---
7600 rubber & plastic pr.	62	47	15	---	0
7900 manufac. prod. nec	303	259	43	---	---
Total unknown or not elsewhere classified	142	93	48	---	0
9900 unknown or nec	142	93	48	---	0
Ton-miles (x1000) Foreign & Canadian	362,969	277,838	15,039	68,235	1,856

NEW YORK AND NEW JERSEY CHANNELS, NY AND NJ (INCLUDED IN PORT OF NEW YORK)
 Freight Traffic, 2002 - continued
 (thousand short tons)

Commodity	Total**	Coastwise	
		Receipts	Shipments
Total, all commodities	26,195	7,838	18,357
Total petroleum and petroleum products	24,254	6,207	18,048
Subtotal crude petroleum	523	504	19
2100 crude petroleum	523	504	19
Subtotal petroleum products	23,731	5,703	18,028
2211 gasoline	9,705	1,226	8,479
2221 kerosene	429	113	315
2330 distillate fuel oil	5,490	926	4,563
2340 residual fuel oil	6,385	2,810	3,575
2350 lube oil & greases	276	268	8
2429 naphtha & solvents	332	93	239
2430 asphalt, tar & pitch	987	143	845
2990 petro. products nec	127	125	2
Total chemicals and related products	1,799	1,507	292
Subtotal other chemicals and related products	1,799	1,507	292
3212 benzene & toluene	16	16	—
3219 other hydrocarbons	116	113	3
3220 alcohols	116	116	—
3230 carboxylic acids	13	13	—
3240 nitrogen func. comp.	6	6	—
3260 organic comp. nec	6	6	—
3274 sodium hydroxide	80	80	—
3276 metallic salts	22	22	—
3286 plastics	1	1	—
3297 chemical additives	1,424	1,134	289
Total crude materials, inedible except fuels	27	27	—
Subtotal soil, sand, gravel, rock and stone	27	27	—
4331 sand & gravel	24	24	—
4338 soil & fill dirt	3	3	—
Total primary manufactured goods	87	87	—
Subtotal lime, cement and glass	87	87	—
5220 cement & concrete	87	87	—
Total all manufactured equipment, machinery and products	27	10	17
7900 manufac. prod. nec	27	10	17
Ton-miles (x1000)	239,674	77,305	162,368
Coastwise			

Commodity	Total**	Internal					
		Inbound		Outbound		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	24,261	382	3,966	12,268	1,599	2,633	3,414
Total petroleum and petroleum products	22,449	224	2,872	12,192	1,562	2,580	3,019
Subtotal crude petroleum	558	—	414	—	—	55	90
2100 crude petroleum	558	—	414	—	—	55	90
Subtotal petroleum products	21,891	224	2,459	12,192	1,562	2,526	2,929
2211 gasoline	8,618	47	1,319	5,614	82	601	954
2221 kerosene	261	5	79	173	—	1	3
2330 distillate fuel oil	5,888	43	239	4,054	288	484	779
2340 residual fuel oil	6,215	129	575	1,969	1,190	1,301	1,052
2350 lube oil & greases	65	—	4	29	—	31	0
2429 naphtha & solvents	454	—	206	26	1	97	124
2430 asphalt, tar & pitch	331	—	—	326	—	6	—
2990 petro. products nec	59	—	36	2	—	4	17
Total chemicals and related products	664	—	147	32	37	52	395
Subtotal other chemicals and related products	664	—	147	32	37	52	395
3212 benzene & toluene	16	—	7	—	—	—	9
3219 other hydrocarbons	4	—	—	—	—	—	4
3220 alcohols	22	—	7	15	—	—	—
3274 sodium hydroxide	33	—	—	—	33	—	—
3276 metallic salts	4	—	—	—	4	—	—
3297 chemical additives	556	—	127	8	—	52	368
3299 chem. products nec	29	—	7	8	—	—	14
Total crude materials, inedible except fuels	673	158	509	6	0	0	—
Subtotal forest products, wood and chips	3	—	—	3	0	0	—
4170 wood in the rough	3	—	—	3	0	0	—
Subtotal soil, sand, gravel, rock and stone	667	158	509	—	—	—	—
4331 sand & gravel	667	158	509	—	—	—	—
Subtotal iron ore and scrap	3	—	—	3	—	—	—
4420 iron & steel scrap	3	—	—	3	—	—	—

NEW YORK AND NEW JERSEY CHANNELS, NY AND NJ (INCLUDED IN PORT OF NEW YORK)
 Freight Traffic, 2002 - continued
 (thousand short tons)

Commodity	Total**	Internal					
		Inbound		Outbound		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Total primary manufactured goods	273	---	273	---	---	---	---
Subtotal lime, cement and glass	273	---	273	---	---	---	---
5220 cement & concrete	273	---	273	---	---	---	---
Total food and farm products	3	---	---	3	---	---	---
Subtotal vegetable products	2	---	---	2	---	---	---
6653 vegetable oils	2	---	---	2	---	---	---
Subtotal other agricultural products	1	---	---	1	---	---	---
6888 water & ice	1	---	---	1	---	---	---
Total waste and scrap nec	200	---	164	35	---	---	---
8900 waste and scrap nec	200	---	164	35	---	---	---
Ton-miles (x1000)	185,309	2,627	35,660	103,079	3,254	15,987	24,702
Internal							
Tons All Traffic (x1000)	111,101						
Ton-miles All Traffic (x1000)	872,536						
Total Trip-ton-miles Internal and Intraport (x1000)	1,236,777						

*Includes 184,141 tons of foreign inbound in-transits; Includes 69,647 tons of foreign outbound in-transits;
 Includes 84,990 tons of Canadian inbound in-transits.

**Does not include 29,157,741 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
1993	1,832	1996	1,939	1999	1,418	2002	1,727
1994	2,134	1997	2,230	2000	1,556		
1995	2,049	1998	1,776	2001	1,684		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Domestic		
		Coastwise Through	Internal Through	
			Upbound	Upbound
Total, all commodities	1,727	796	662	269
Total petroleum and petroleum products	853	210	376	267
Subtotal petroleum products	853	210	376	267
2211 gasoline	250	91	93	67
2221 kerosene	39	23	13	3
2330 distillate fuel oil	334	93	114	127
2340 residual fuel oil	228	3	157	68
2429 naphtha & solvents	1	—	—	1
Total crude materials, inedible except fuels	874	587	285	1
Subtotal forest products, wood and chips	0	—	—	0
4170 wood in the rough	0	—	—	0
Subtotal soil, sand, gravel, rock and stone	874	587	285	1
4331 sand & gravel	874	587	285	1
Ton-miles (x1000)	1,727	796	662	269

Tons All Traffic (x1000) 1,727
 Ton-miles All Traffic (x1000) 1,727
 Total Trip-ton-miles Internal and Intraport (x1000) 26,829

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
1993	72,413	1996	84,781	1999	86,759	2002	89,979
1994	81,743	1997	85,721	2000	87,914		
1995	77,590	1998	87,896	2001	90,693		

Freight Traffic, 2002 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Upbound*	Downbnd*	Through	
				Upbound*	Downbnd*
Total, all commodities	71,390	52,199	10,572	8,447	172
Total coal	874	873	1	—	—
1100 coal lignite	874	873	1	—	—
1200 coal coke	0	0	0	—	—
Total petroleum and petroleum products	36,615	29,152	805	6,524	134
Subtotal crude petroleum	12,138	8,270	66	3,798	4
2100 crude petroleum	12,138	8,270	66	3,798	4
Subtotal petroleum products	24,477	20,882	740	2,726	129
2211 gasoline	9,657	8,357	131	1,142	27
2221 kerosene	211	167	1	12	31
2330 distillate fuel oil	3,624	2,980	255	387	2
2340 residual fuel oil	8,352	7,110	251	938	53
2350 lube oil & greases	60	7	44	9	0
2410 petro. jelly & waxes	25	17	8	—	—
2429 naphtha & solvents	2,421	2,130	47	228	16
2430 asphalt, tar & pitch	28	21	2	5	—
2540 petroleum coke	92	86	2	5	0
2640 liquid natural gas	6	6	1	—	—
Total chemicals and related products	3,563	2,360	1,167	12	24
Subtotal fertilizers	46	30	16	0	—
3110 nitrogenous fert.	15	15	0	—	—
3120 phosphatic fert.	0	0	0	—	—
3130 potassic fert.	2	2	0	—	—
3190 fert. & mixes nec	29	14	15	0	—

NEW YORK HARBOR, NY LOWER ENTRANCE CHANNELS
Freight Traffic, 2002 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Through		Through	
		Upbound*	Downbnd*	Upbound*	Downbnd*
Subtotal other chemicals and related products	3,517	2,330	1,151	12	24
3211 acyclic hydrocarbons	10	4	5	2	—
3212 benzene & toluene	1	0	0	—	—
3219 other hydrocarbons	80	68	12	0	—
3220 alcohols	490	432	48	10	—
3230 carboxylic acids	218	190	28	—	0
3240 nitrogen func. comp.	90	45	45	—	—
3250 organo - inorg. comp.	40	25	15	—	—
3260 organic comp. nec	272	252	20	—	—
3272 sulphuric acid	2	0	2	—	—
3273 ammonia	1	0	1	—	—
3274 sodium hydroxide	34	31	3	—	—
3275 inorg. elem., oxides, & halogen salts	200	122	78	0	0
3276 metallic salts	131	101	29	—	—
3279 inorganic chem. nec	52	39	13	—	—
3281 radioactive material	3	2	2	—	—
3282 pigments & paints	89	41	47	0	0
3283 coloring mat. nec	27	14	13	—	—
3284 medicines	77	44	33	—	—
3285 perfumes & cleansers	298	157	141	0	—
3286 plastics	791	398	393	0	—
3291 pesticides	51	17	16	—	17
3292 starches, gluten, glue	131	103	28	—	—
3293 explosives	2	1	1	—	—
3297 chemical additives	135	61	67	—	7
3298 wood & resin chem.	4	4	0	—	—
3299 chem. products nec	290	179	111	—	—
Total crude materials, inedible except fuels	7,723	2,268	3,639	1,804	11
Subtotal forest products, wood and chips	503	302	183	18	—
4110 rubber & gums	3	2	1	—	—
4150 fuel wood	3	2	1	—	—
4161 wood chips	0	0	0	—	—
4170 wood in the rough	60	10	50	0	—
4189 lumber	353	216	119	18	—
4190 forest products nec	84	72	12	—	—
Subtotal pulp and waste paper	2,018	32	1,986	—	—
4225 pulp & waste paper	2,018	32	1,986	—	—
Subtotal soil, sand, gravel, rock and stone	2,358	713	9	1,637	—
4310 building stone	279	278	1	—	—
4322 limestone	8	6	2	—	—
4323 gypsum	1,267	307	1	959	—
4331 sand & gravel	804	122	5	678	—
Subtotal iron ore and scrap	1,386	37	1,348	0	0
4410 iron ore	37	37	1	—	—
4420 iron & steel scrap	1,348	1	1,347	0	0
Subtotal marine shells	0	0	0	0	—
4515 marine shells	0	0	0	0	—
Subtotal non-ferrous ores and scrap	116	45	71	—	1
4630 copper ore	3	0	3	—	—
4650 aluminum ore	40	36	4	—	—
4670 manganese ore	0	—	0	—	—
4680 non-ferrous scrap	65	5	61	—	—
4690 non-ferrous ores nec	7	4	3	—	1
Subtotal sulphur, clay and salt	79	56	23	—	—
4741 sulphur, (dry)	17	0	17	—	—
4782 clay & refrac. mat.	62	56	6	—	—
Subtotal slag	42	41	2	—	—
4860 slag	42	41	2	—	—
Subtotal other non-metal. min.	1,220	1,043	18	149	10
4900 non-metal. min. nec	1,220	1,043	18	149	10
Total primary manufactured goods	6,416	4,638	1,709	69	0
Subtotal paper products	1,065	703	356	5	—
5110 newsprint	35	4	31	0	—
5120 paper & paperboard	803	546	252	5	—
5190 paper products nec	227	154	74	0	—
Subtotal lime, cement and glass	2,648	2,508	78	62	0
5210 lime	0	0	0	—	—
5220 cement & concrete	1,208	1,207	1	—	—
5240 glass & glass prod.	369	323	46	—	—
5290 misc. mineral prod.	1,071	978	31	62	0
Subtotal primary iron and steel products	511	337	173	0	0
5312 pig iron	59	42	17	—	—
5315 ferro alloys	9	8	0	—	—
5320 i&s primary forms	135	44	91	0	0
5330 i&s plates & sheets	78	38	40	0	—
5360 i&s bars & shapes	76	67	8	0	—
5370 i&s pipe & tube	72	61	11	0	—
5390 primary i&s nec	82	76	6	0	0
Subtotal primary non-ferrous metal products	2,077	995	1,081	1	0
5421 copper	83	73	9	—	—
5422 aluminum	87	71	15	0	—
5429 smelted prod. nec	921	32	889	0	—
5480 fab. metal products	986	818	167	1	0

NEW YORK HARBOR, NY LOWER ENTRANCE CHANNELS
Freight Traffic, 2002 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Through		Through	
		Upbound*	Downbnd*	Upbound*	Downbnd*
Subtotal primary wood products	115	94	21	0	---
5540 primary wood prod.	115	94	21	0	---
Total food and farm products	7,332	5,961	1,357	13	1
Subtotal fish	288	247	34	7	0
6134 fish (not shellfish)	133	99	27	7	0
6136 shellfish	155	147	7	0	0
Subtotal grain	563	107	456	---	---
6241 wheat	93	10	83	---	---
6344 corn	374	1	372	---	---
6442 rice	96	95	1	---	---
6443 barley & rye	1	1	0	---	---
6445 oats	0	0	0	---	---
6447 sorghum grains	0	0	0	---	---
Subtotal oilseeds	99	84	15	0	0
6521 peanuts	15	15	0	---	0
6522 soybeans	5	4	1	---	---
6534 flaxseed	0	0	0	---	---
6590 oilseeds nec	79	65	14	0	---
Subtotal vegetable products	1,028	920	107	1	---
6653 vegetable oils	321	310	11	---	---
6654 vegetables & prod.	708	610	96	1	---
Subtotal processed grain and animal feed	243	132	111	0	---
6746 wheat flour	7	3	3	0	---
6747 grain mill products	142	110	32	0	---
6781 hay & fodder	2	0	1	0	---
6782 animal feed, prep.	92	18	74	0	---
Subtotal other agricultural products	5,110	4,471	635	4	0
6811 meat, fresh, frozen	105	26	79	1	0
6817 meat, prepared	31	25	5	---	---
6822 dairy products	203	175	28	---	---
6835 fish, prepared	76	71	4	2	---
6838 tallow, animal oils	90	4	86	---	---
6839 animals & prod. nec	146	103	43	---	---
6856 bananas & plantains	199	198	0	0	---
6857 fruit & nuts nec	394	341	52	0	0
6858 fruit juices	583	561	22	0	0
6861 sugar	79	65	14	---	---
6865 molasses	95	95	0	---	---
6871 coffee	342	336	6	0	---
6872 cocoa beans	264	256	7	0	0
6885 alcoholic beverages	1,216	1,193	24	0	0
6888 water & ice	179	176	3	---	---
6889 food products nec	996	777	218	1	0
6891 tobacco & products	15	10	5	0	---
6893 cotton	7	4	3	---	---
6894 natural fibers nec	12	9	3	---	---
6899 farm products nec	78	47	31	0	---
Total all manufactured equipment, machinery and products	7,409	6,036	1,367	5	2
7110 machinery (not elec)	815	564	251	0	0
7120 electrical machinery	620	442	178	0	---
7210 vehicles & parts	1,510	1,217	291	0	1
7220 aircraft & parts	10	5	5	---	---
7230 ships & boats	7	4	3	0	0
7300 ordnance & access.	15	11	3	---	---
7400 manufac. wood prod.	122	104	19	0	0
7500 textile products	1,272	1,134	138	0	0
7600 rubber & plastic pr.	679	543	135	0	0
7900 manufac. prod. nec	2,359	2,012	344	4	0
Total unknown or not elsewhere classified	1,458	911	525	21	0
9900 unknown or nec	1,458	911	525	21	0
Ton-miles (x1000)	748,297	538,966	128,601	79,569	1,161
Foreign & Canadian					

Commodity	Total	Domestic			
		Coastwise		Internal	
		Through		Through	
		Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	18,588	13,566	4,494	71	456
Total coal	1,882	1,882	---	---	---
1100 coal lignite	1,882	1,882	---	---	---
Total petroleum and petroleum products	12,106	8,585	3,172	18	330
Subtotal crude petroleum	216	148	68	---	---
2100 crude petroleum	216	148	68	---	---

NEW YORK HARBOR, NY LOWER ENTRANCE CHANNELS
Freight Traffic, 2002 - continued
(thousand short tons)

Commodity	Total	Domestic			
		Coastwise		Internal	
		Through		Through	
		Upbound	Downbnd	Upbound	Downbnd
Subtotal petroleum products	11,891	8,437	3,105	18	330
2211 gasoline	3,130	1,706	1,187	—	237
2221 kerosene	491	488	3	—	—
2330 distillate fuel oil	2,143	1,539	501	11	92
2340 residual fuel oil	4,607	3,717	881	7	1
2350 lube oil & greases	282	271	11	—	—
2410 petro. jelly & waxes	16	16	—	—	—
2429 naphtha & solvents	291	78	213	—	—
2430 asphalt, tar & pitch	808	506	302	—	—
2990 petro. products nec	122	115	7	—	—
Total chemicals and related products	2,253	1,834	418	—	—
Subtotal other chemicals and related products	2,253	1,834	418	—	—
3212 benzene & toluene	16	16	0	—	—
3219 other hydrocarbons	134	131	3	—	—
3220 alcohols	128	125	3	—	—
3230 carboxylic acids	13	13	—	—	—
3240 nitrogen func. comp.	6	6	—	—	—
3260 organic comp. nec	6	6	—	—	—
3274 sodium hydroxide	194	188	6	—	—
3275 inorg. elem., oxides, & halogen salts	16	8	8	—	—
3276 metallic salts	22	22	—	—	—
3284 medicines	0	0	—	—	—
3285 perfumes & cleansers	0	0	0	—	—
3286 plastics	1	1	—	—	—
3297 chemical additives	1,704	1,319	385	—	—
3299 chem. products nec	14	0	13	—	—
Total crude materials, inedible except fuels	343	76	99	47	120
Subtotal forest products, wood and chips	0	—	0	—	0
4170 wood in the rough	0	—	—	—	0
4190 forest products nec	0	—	0	—	—
Subtotal soil, sand, gravel, rock and stone	246	76	2	47	120
4322 limestone	76	76	—	—	—
4331 sand & gravel	170	—	2	47	120
Subtotal iron ore and scrap	97	—	97	—	—
4420 iron & steel scrap	97	—	97	—	—
Total primary manufactured goods	643	157	474	6	6
Subtotal lime, cement and glass	640	156	473	6	6
5220 cement & concrete	640	156	473	6	6
Subtotal primary non-ferrous metal products	2	1	1	—	—
5480 fab. metal products	2	1	1	—	—
Total food and farm products	955	955	0	—	—
Subtotal fish	0	—	0	—	—
6136 shellfish	0	—	0	—	—
Subtotal vegetable products	0	0	—	—	—
6654 vegetables & prod.	0	0	—	—	—
Subtotal processed grain and animal feed	0	—	0	—	—
6782 animal feed, prep.	0	—	0	—	—
Subtotal other agricultural products	955	955	0	—	—
6811 meat, fresh, frozen	0	—	0	—	—
6857 fruit & nuts nec	0	0	—	—	—
6858 fruit juices	0	—	0	—	—
6861 sugar	457	457	—	—	—
6885 alcoholic beverages	0	0	—	—	—
6887 groceries	1	1	0	—	—
6889 food products nec	496	496	0	—	—
6891 tobacco & products	1	1	—	—	—
Total all manufactured equipment, machinery and products	407	77	330	—	—
7110 machinery (not elec)	1	1	—	—	—
7120 electrical machinery	0	—	0	—	—
7400 manufac. wood prod.	3	3	—	—	—
7500 textile products	0	0	0	—	—
7900 manufac. prod. nec	403	73	330	—	—
Total unknown or not elsewhere classified	0	0	—	—	—
9900 unknown or nec	0	0	—	—	—
Ton-miles (x1000)	146,741	116,834	27,703	155	2,048
Domestic					
Tons All Traffic (x1000)	89,979				
Ton-miles All Traffic (x1000)	895,037				
Total Trip-ton-miles Internal and Intraport (x1000)	25,591				

*Includes 933,275 tons of foreign upbound through in-transits; Includes 521,110 tons of foreign downbound through in-transits;
Includes 173,752 tons of Canadian upbound through in-transits; Includes 26 tons of Canadian downbound through in-transits.

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
1993	116,736	1996	131,601	1999	133,715	2002	134,505
1994	126,101	1997	135,266	2000	137,171		
1995	119,342	1998	137,544	2001*	144,225		

*Revised after original year of publication

Freight Traffic, 2002 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound*
Total, all commodities	69,572	51,369	9,981	8,050	172
Total coal	811	809	1	—	—
1100 coal lignite	810	809	1	—	—
1200 coal coke	0	0	0	—	—
Total petroleum and petroleum products	36,615	29,152	805	6,524	134
Subtotal crude petroleum	12,138	8,270	66	3,798	4
2100 crude petroleum	12,138	8,270	66	3,798	4
Subtotal petroleum products	24,477	20,882	740	2,726	129
2211 gasoline	9,657	8,357	131	1,142	27
2221 kerosene	211	167	1	12	31
2330 distillate fuel oil	3,624	2,980	255	387	2
2340 residual fuel oil	8,352	7,110	251	938	53
2350 lube oil & greases	60	7	44	9	0
2410 petro. jelly & waxes	25	17	8	—	—
2429 naphtha & solvents	2,421	2,130	47	228	16
2430 asphalt, tar & pitch	28	21	2	5	—
2540 petroleum coke	92	86	2	5	0
2640 liquid natural gas	6	6	1	—	—
Total chemicals and related products	3,553	2,350	1,167	12	24
Subtotal fertilizers	37	21	16	0	—
3110 nitrogenous fert.	5	5	0	—	—
3120 phosphatic fert.	0	0	0	—	—
3130 potassic fert.	2	2	0	—	—
3190 fert. & mixes nec	29	14	15	0	—
Subtotal other chemicals and related products	3,517	2,330	1,151	12	24
3211 acyclic hydrocarbons	10	4	5	2	—
3212 benzene & toluene	1	0	0	—	—
3219 other hydrocarbons	80	68	12	0	—
3220 alcohols	490	432	48	10	—
3230 carboxylic acids	218	190	28	—	0
3240 nitrogenous func. comp.	90	45	45	—	—
3250 organo - inorg. comp.	40	25	15	—	—
3260 organic comp. nec	272	252	20	—	—
3272 sulphuric acid	2	0	2	—	—
3273 ammonia	1	0	1	—	—
3274 sodium hydroxide	34	31	3	—	—
3275 inorg. elem., oxides, & halogen salts	200	122	78	0	0
3276 metallic salts	131	101	29	—	—
3279 inorganic chem. nec	52	39	13	—	—
3281 radioactive material	3	2	2	—	—
3282 pigments & paints	89	41	47	0	0
3283 coloring mat. nec	27	14	13	—	—
3284 medicines	77	44	33	—	—
3285 perfumes & cleansers	298	157	141	0	—
3286 plastics	791	398	393	0	—
3291 pesticides	51	17	16	—	17
3292 starches, gluten, glue	131	103	28	—	—
3293 explosives	2	1	1	—	—
3297 chemical additives	135	61	67	—	7
3298 wood & resin chem.	4	4	0	—	—
3299 chem. products nec	290	179	111	—	—
Total crude materials, inedible except fuels	6,771	1,848	3,506	1,406	11
Subtotal forest products, wood and chips	503	302	183	18	—
4110 rubber & gums	3	2	1	—	—
4150 fuel wood	3	2	1	—	—
4161 wood chips	0	0	0	—	—
4170 wood in the rough	60	10	50	0	—
4189 lumber	353	216	119	18	—
4190 forest products nec	84	72	12	—	—
Subtotal pulp and waste paper	2,016	30	1,986	—	—
4225 pulp & waste paper	2,016	30	1,986	—	—
Subtotal soil, sand, gravel, rock and stone	1,926	676	9	1,241	—
4310 building stone	279	278	1	—	—
4322 limestone	8	6	2	—	—
4323 gypsum	835	270	1	564	—
4331 sand & gravel	804	122	5	678	—
Subtotal iron ore and scrap	1,252	37	1,215	0	0
4410 iron ore	37	37	1	—	—
4420 iron & steel scrap	1,215	1	1,214	0	0

CONSOLIDATED STATEMENT OF WATERBORNE COMMERCE OF THE PORT OF NEW YORK
Freight Traffic, 2002 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound*
Subtotal marine shells	0	0	0	0	---
4515 marine shells	0	0	0	0	---
Subtotal non-ferrous ores and scrap	89	18	71	---	1
4630 copper ore	3	0	3	---	---
4650 aluminum ore	13	9	4	---	---
4670 manganese ore	0	---	0	---	---
4680 non-ferrous scrap	65	5	61	---	---
4690 non-ferrous ores nec	7	4	3	---	1
Subtotal sulphur, clay and salt	79	56	23	---	---
4741 sulphur, (dry)	17	0	17	---	---
4782 clay & refrac. mat.	62	56	6	---	---
Subtotal slag	2	0	2	---	---
4860 slag	2	0	2	---	---
Subtotal other non-metal. min.	903	729	18	146	10
4900 non-metal. min. nec	903	729	18	146	10
Total primary manufactured goods	6,166	4,405	1,692	69	0
Subtotal paper products	1,065	703	356	5	---
5110 newsprint	35	4	31	0	---
5120 paper & paperboard	803	546	252	5	---
5190 paper products nec	227	154	74	0	---
Subtotal lime, cement and glass	2,424	2,284	78	62	0
5210 lime	0	0	0	---	---
5220 cement & concrete	984	983	1	---	---
5240 glass & glass prod.	369	323	46	---	---
5290 misc. mineral prod.	1,071	978	31	62	0
Subtotal primary iron and steel products	511	337	173	0	0
5312 pig iron	59	42	17	---	---
5315 ferro alloys	9	8	0	---	---
5320 i&s primary forms	135	44	91	0	0
5330 i&s plates & sheets	78	38	40	0	---
5360 i&s bars & shapes	76	67	8	0	---
5370 i&s pipe & tube	72	61	11	0	---
5390 primary i&s nec	82	76	6	0	0
Subtotal primary non-ferrous metal products	2,052	987	1,064	1	0
5421 copper	83	73	9	---	---
5422 aluminum	87	71	15	0	---
5429 smelted prod. nec	904	32	872	0	---
5480 fab. metal products	978	810	167	1	0
Subtotal primary wood products	115	94	21	0	---
5540 primary wood prod.	115	94	21	0	---
Total food and farm products	6,794	5,859	922	13	1
Subtotal fish	288	247	34	7	0
6134 fish (not shellfish)	133	99	27	7	0
6136 shellfish	155	147	7	0	0
Subtotal grain	120	99	21	---	---
6241 wheat	7	2	5	---	---
6344 corn	15	1	14	---	---
6442 rice	96	95	1	---	---
6443 barley & rye	1	1	0	---	---
6445 oats	0	0	0	---	---
6447 sorghum grains	0	0	0	---	---
Subtotal oilseeds	99	84	15	0	0
6521 peanuts	15	15	0	---	0
6522 soybeans	5	4	1	---	---
6534 flaxseed	0	0	0	---	---
6590 oilseeds nec	79	65	14	0	---
Subtotal vegetable products	1,028	920	107	1	---
6653 vegetable oils	321	310	11	---	---
6654 vegetables & prod.	708	610	96	1	---
Subtotal processed grain and animal feed	243	132	111	0	---
6746 wheat flour	7	3	3	0	---
6747 grain mill products	142	110	32	0	---
6781 hay & fodder	2	0	1	0	---
6782 animal feed, prep.	92	18	74	0	---
Subtotal other agricultural products	5,016	4,377	635	4	0
6811 meat, fresh, frozen	105	26	79	1	0
6817 meat, prepared	31	25	5	---	---
6822 dairy products	203	175	28	---	---
6835 fish, prepared	76	71	4	2	---
6838 tallow, animal oils	90	4	86	---	---
6839 animals & prod. nec	146	103	43	---	---
6856 bananas & plantains	199	198	0	0	---
6857 fruit & nuts nec	394	341	52	0	0
6858 fruit juices	583	561	22	0	0
6861 sugar	79	65	14	---	---
6865 molasses	1	0	0	---	---
6871 coffee	342	336	6	0	---
6872 cocoa beans	264	256	7	0	0
6885 alcoholic beverages	1,216	1,193	24	0	0
6888 water & ice	179	176	3	---	---
6889 food products nec	996	777	218	1	0
6891 tobacco & products	15	10	5	0	---
6893 cotton	7	4	3	---	---

CONSOLIDATED STATEMENT OF WATERBORNE COMMERCE OF THE PORT OF NEW YORK
Freight Traffic, 2002 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound*
6894 natural fibers nec	12	9	3	—	—
6899 farm products nec	78	47	31	0	—
Total all manufactured equipment, machinery and products	7,403	6,035	1,362	5	2
7110 machinery (not elec)	810	564	247	0	0
7120 electrical machinery	619	442	177	0	—
7210 vehicles & parts	1,510	1,217	291	0	1
7220 aircraft & parts	10	5	5	—	—
7230 ships & boats	7	4	3	0	0
7300 ordnance & access.	15	11	3	—	—
7400 manufac. wood prod.	122	104	19	0	0
7500 textile products	1,272	1,134	138	0	0
7600 rubber & plastic pr.	679	543	135	0	0
7900 manufac. prod. nec	2,358	2,011	344	4	0
Total unknown or not elsewhere classified	1,458	911	525	21	0
9900 unknown or nec	1,458	911	525	21	0

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Total, all commodities	64,933	13,626	21,339	2,600	7,679	19,689
Total coal	1,182	1,182	—	—	—	—
1100 coal lignite	1,182	1,182	—	—	—	—
Total petroleum and petroleum products	53,308	8,677	19,713	47	7,648	17,223
Subtotal crude petroleum	1,129	504	68	—	—	558
2100 crude petroleum	1,129	504	68	—	—	558
Subtotal petroleum products	52,178	8,173	19,645	47	7,648	16,664
2211 gasoline	19,469	1,464	9,108	14	4,454	4,429
2221 kerosene	1,189	477	381	—	195	136
2330 distillate fuel oil	13,250	1,515	5,071	—	2,404	4,260
2340 residual fuel oil	15,382	3,863	3,976	34	380	7,130
2350 lube oil & greases	341	268	8	—	—	65
2429 naphtha & solvents	810	93	248	—	—	470
2430 asphalt, tar & pitch	1,533	357	845	—	214	117
2990 petro. products nec	205	137	9	—	1	58
Total chemicals and related products	2,644	1,633	348	—	8	656
Subtotal other chemicals and related products	2,644	1,633	348	—	8	656
3212 benzene & toluene	32	16	0	—	—	16
3219 other hydrocarbons	120	113	3	—	—	4
3220 alcohols	144	121	0	—	—	22
3230 carboxylic acids	13	13	—	—	—	—
3240 nitrogen func. comp.	6	6	—	—	—	—
3260 organic comp. nec	6	6	—	—	—	—
3274 sodium hydroxide	122	89	—	—	—	33
3275 inorg. elem., oxides, & halogen salts	0	0	—	—	—	—
3276 metallic salts	40	22	13	—	—	4
3284 medicines	0	0	—	—	—	—
3285 perfumes & cleansers	0	0	0	—	—	—
3286 plastics	1	1	—	—	—	—
3297 chemical additives	2,119	1,245	318	—	—	556
3299 chem. products nec	42	0	13	—	8	21
Total crude materials, inedible except fuels	4,490	614	677	2,174	7	1,019
Subtotal forest products, wood and chips	4	—	0	—	—	4
4170 wood in the rough	4	—	—	—	—	4
4190 forest products nec	0	—	0	—	—	—
Subtotal soil, sand, gravel, rock and stone	3,613	564	596	2,097	7	349
4331 sand & gravel	3,610	561	596	2,097	7	349
4338 soil & fill dirt	3	3	—	—	—	—
Subtotal iron ore and scrap	874	50	81	77	—	666
4420 iron & steel scrap	874	50	81	77	—	666
Total primary manufactured goods	739	328	—	378	—	33
Subtotal lime, cement and glass	738	327	—	378	—	33
5220 cement & concrete	738	327	—	378	—	33
Subtotal primary non-ferrous metal products	1	1	—	—	—	—
5480 fab. metal products	1	1	—	—	—	—
Total food and farm products	962	955	0	—	1	6
Subtotal fish	0	—	0	—	—	—
6136 shellfish	0	—	0	—	—	—
Subtotal vegetable products	6	0	—	—	—	6
6653 vegetable oils	6	—	—	—	—	6
6654 vegetables & prod.	0	0	—	—	—	—
Subtotal processed grain and animal feed	0	—	0	—	—	—
6782 animal feed, prep.	0	—	0	—	—	—

CONSOLIDATED STATEMENT OF WATERBORNE COMMERCE OF THE PORT OF NEW YORK
 Freight Traffic, 2002 - continued
 (thousand short tons)

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Subtotal other agricultural products	956	955	0	—	1	—
6811 meat, fresh, frozen	0	—	0	—	—	—
6857 fruit & nuts nec	0	0	—	—	—	—
6858 fruit juices	0	—	0	—	—	—
6861 sugar	457	457	—	—	—	—
6885 alcoholic beverages	0	0	—	—	—	—
6887 groceries	1	1	0	—	—	—
6888 water & ice	1	—	—	—	1	—
6889 food products nec	496	496	0	—	—	—
6891 tobacco & products	1	1	—	—	—	—
Total all manufactured equipment, machinery and products	1,107	238	519	—	—	349
7110 machinery (not elec)	1	1	—	—	—	—
7120 electrical machinery	0	—	0	—	—	—
7400 manufac. wood prod.	3	3	—	—	—	—
7500 textile products	0	0	0	—	—	—
7900 manufac. prod. nec	1,103	234	519	—	—	349
Total waste and scrap nec	501	—	82	—	16	404
8900 waste and scrap nec	501	—	82	—	16	404
Total unknown or not elsewhere classified	0	0	—	—	—	—
9900 unknown or nec	0	0	—	—	—	—

*Includes 933,275 tons of foreign inbound in-transits; Includes 502,290 tons of foreign outbound in-transits;
 Includes 173,752 tons of Canadian inbound in-transits; Includes 26 tons of Canadian outbound in-transits.

SUMMARY OF TRAFFIC TOTAL WATERBORNE COMMERCE OF THE PORT OF NEW YORK
Freight Traffic, 2002
(thousand short tons)

Locality	*Foreign/Canadian		Domestic				Total	Percent	Through Traffic
	Inbound	Outbound	Coastwise		Internal				
			Receipts	Shipmnts	Receipts Shipmnts	Inraport			
BAY RIDGE AND RED HOOK CHANNELS, NY	8	6	1	---	30	---	45	0.03	1,300
BRONX RIVER, NY	---	---	---	---	204	---	204	0.14	---
BUTTERMILK CHANNEL, NY	635	268	---	---	372	0	1,274	0.86	27,723
CHEESEQUAKE CREEK, NJ	---	---	---	---	---	---	---	0.00	---
CONEY ISLAND CHANNEL, NY	---	---	---	---	---	---	---	0.00	376
CONEY ISLAND CREEK, NY	---	---	---	---	1	---	1	0.00	---
EAST CHESTER CREEK, NY	---	---	347	---	627	---	975	0.66	---
EAST RIVER, NY	1,428	---	1,497	131	2,062	134	5,253	3.56	24,887
EAST ROCKAWAY INLET, NY	---	---	---	---	---	---	---	0.00	321
ECHO BAY HARBOR, NY	---	---	---	---	---	---	---	0.00	---
ELIZABETH RIVER, NJ	---	---	---	---	---	---	---	0.00	---
FLUSHING BAY AND CREEK, NY	---	---	425	---	1,202	---	1,627	1.10	---
GOWANUS CANAL, NY	---	---	1	---	372	---	373	0.25	---
GOWANUS CREEK CHANNEL, NY	---	---	158	---	769	---	927	0.63	373
GRAVESEND BAY, NY	---	---	---	32	340	---	372	0.25	1
GREAT KILLS HARBOR, STATEN ISLAND, NY	---	---	---	---	---	---	---	0.00	---
HACKENSACK RIVER, NJ	106	5	1,400	26	450	---	1,986	1.35	---
HARLEM RIVER, NY	---	---	---	---	2	---	2	0.00	---
HUDSON RIVER CHANNEL, NY AND NJ	6	---	---	---	440	---	446	0.30	15,926
HUDSON RIVER, NY (LOWER SECTION)	21	---	457	---	0	---	478	0.32	15,449
JAMAICA BAY, NY	---	---	---	---	489	0	489	0.33	---
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	---	---	---	---	43	---	43	0.03	---
NEW ROCHELLE HARBOR, NY	---	---	---	---	---	---	---	0.00	---
NEW YORK AND NEW JERSEY CHANNELS, NY AND NJ	29,938	1,549	7,838	18,357	18,215	6,047	81,943	55.49	29,158
NEWARK BAY, NJ	16,234	6,688	250	532	2,101	320	26,124	17.69	3,708
NEWTOWN CREEK, NY	---	---	3	89	905	---	996	0.67	---
PASSAIC RIVER, NJ	---	44	103	300	1,701	4	2,152	1.46	---
PORT CHESTER HARBOR, NY	---	---	---	---	69	---	69	0.05	---
RAHWAY RIVER, NJ	---	---	---	---	---	---	---	0.00	---
RARITAN RIVER TO ARTHUR KILL CUT OFF CHANNEL, NJ	---	---	---	---	---	---	---	0.00	1,727
RARITAN RIVER, NJ	---	---	859	848	1,013	---	2,720	1.84	---
SANDY HOOK BAY AT LEONARDO, NJ	---	---	---	---	1	---	1	0.00	---
SANDY HOOK BAY, NJ	---	---	---	---	3	---	3	0.00	---
SHEEPSHEAD BAY, NY	---	---	---	---	---	---	---	0.00	---
SHOAL HARBOR AND COMPTON CREEK, NJ	---	---	---	---	---	---	---	0.00	---
UPPER BAY, NEW YORK HARBOR, NY AND NJ	11,043	1,592	286	1,026	5,028	20	18,994	12.86	88,412
WALLABOUT CHANNEL, NY	---	---	---	---	---	---	---	0.00	---
WAYCAKE CREEK, NJ	---	---	---	---	---	---	---	0.00	---
WESTCHESTER CREEK, NY	---	---	---	---	168	---	168	0.11	---
TOTAL (UNADJUSTED)	59,419	10,153	13,626	21,339	36,606	6,525	147,668	---	---
PERCENT (UNADJUSTED)	40.24	6.88	9.23	14.45	24.79	4.42	---	100.00	---
NET VOLUME OF TONNAGE FOR THE AREA	59,419	10,153	13,626	21,339	10,279	19,689	134,505	---	---
PERCENT (ADJUSTED)	44.18	7.55	10.13	15.86	7.64	14.64	---	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
1993	15,730	1996	15,529	1999	17,536	2002	16,117
1994	15,331	1997	17,309	2000	16,435		
1995	14,592	1998	18,031	2001	18,182		

Freight Traffic, 2002 (thousand short tons)

Commodity	Total	Foreign		Canadian
		Inbound	Outbound*	Inbound
Total, all commodities	1,839	851	591	398
Total coal	64	64	---	---
1100 coal lignite	64	64	---	---
Total chemicals and related products	10	10	---	---
Subtotal fertilizers	10	10	---	---
3110 nitrogenous fert.	10	10	---	---
Total crude materials, inedible except fuels	951	420	133	398
Subtotal pulp and waste paper	2	2	---	---
4225 pulp & waste paper	2	2	---	---
Subtotal soil, sand, gravel, rock and stone	432	36	---	395
4323 gypsum	432	36	---	395
Subtotal iron ore and scrap	133	---	133	---
4420 iron & steel scrap	133	---	133	---
Subtotal non-ferrous ores and scrap	27	27	---	---
4650 aluminum ore	27	27	---	---
Subtotal slag	40	40	---	---
4860 slag	40	40	---	---
Subtotal other non-metal. min.	317	315	---	2
4900 non-metal. min. nec	317	315	---	2
Total primary manufactured goods	250	233	17	---
Subtotal lime, cement and glass	224	224	---	---
5220 cement & concrete	224	224	---	---
Subtotal primary iron and steel products	0	0	---	---
5370 i&s pipe & tube	0	0	---	---
Subtotal primary non-ferrous metal products	25	8	17	---
5429 smelted prod. nec	17	---	17	---
5480 fab. metal products	8	8	0	---
Total food and farm products	559	123	435	---
Subtotal grain	444	8	435	---
6241 wheat	85	8	77	---
6344 corn	358	---	358	---
Subtotal other agricultural products	115	115	---	---
6861 sugar	21	21	---	---
6865 molasses	94	94	---	---
Total all manufactured equipment, machinery and products	6	1	5	---
7110 machinery (not elec)	4	---	4	---
7120 electrical machinery	1	0	1	---
7900 manufac. prod. nec	1	1	---	---
Total unknown or not elsewhere classified	0	0	---	---
9900 unknown or nec	0	0	---	---
Ton-miles (x1000) Foreign & Canadian	193,929	83,146	67,979	42,803

Commodity	Total	Domestic					
		Coastwise		Internal			
		Receipts	Shipments	Inbound Upbound	Outbound Downbnd	Intra Upbound Downbnd	
Total, all commodities	14,277	1,274	2,535	7,679	2,600	97	92
Total coal	39	39	---	---	---	---	---
1100 coal lignite	39	39	---	---	---	---	---
Total petroleum and petroleum products	8,583	777	15	7,648	47	96	---
Subtotal petroleum products	8,583	777	15	7,648	47	96	---
2211 gasoline	4,832	356	8	4,454	14	---	---
2221 kerosene	195	---	---	195	---	---	---
2330 distillate fuel oil	2,588	87	---	2,404	---	96	---
2340 residual fuel oil	602	182	6	380	34	---	---
2430 asphalt, tar & pitch	366	152	---	214	---	---	---
2990 petro. products nec	1	---	---	1	---	---	---

HUDSON RIVER, NY, MOUTH OF SPUYTEN DUYVIL CREEK (HARLEM RIVER) TO WATERFORD, NY
Freight Traffic, 2002 - continued
(thousand short tons)

Commodity	Total	Domestic					
		Coastwise		Internal			
		Receipts	Shipments	Inbound Upbound	Outbound Downbnd	Intra Upbound Downbnd	
Total chemicals and related products	8	---	---	8	---	---	---
Subtotal other chemicals and related products	8	---	---	8	---	---	---
3299 chem. products nec	8	---	---	8	---	---	---
Total crude materials, inedible except fuels	3,537	1	1,262	7	2,174	1	92
Subtotal soil, sand, gravel, rock and stone	3,444	1	1,246	7	2,097	1	92
4331 sand & gravel	3,444	1	1,246	7	2,097	1	92
Subtotal iron ore and scrap	93	---	16	---	77	---	---
4420 iron & steel scrap	93	---	16	---	77	---	---
Total primary manufactured goods	1,637	---	1,258	---	378	---	---
Subtotal lime, cement and glass	1,637	---	1,258	---	378	---	---
5220 cement & concrete	1,637	---	1,258	---	378	---	---
Total food and farm products	458	457	---	1	---	---	---
Subtotal other agricultural products	458	457	---	1	---	---	---
6861 sugar	457	457	---	---	---	---	---
6888 water & ice	1	---	---	1	---	---	---
Total waste and scrap nec	16	---	---	16	---	---	---
8900 waste and scrap nec	16	---	---	16	---	---	---
Ton-miles (x1000) Domestic	1,032,482	76,810	179,514	649,758	119,949	3,515	2,936
Tons All Traffic (x1000)	16,117						
Ton-miles All Traffic (x1000)	1,226,411						
Total Trip-ton-miles Internal and Intraport (x1000)	1,214,006						

*Includes 18,820 tons of foreign outbound in-transits.

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
1993	17,529	1996	17,473	1999	18,472	2002	16,563
1994	16,732	1997	18,630	2000	17,514		
1995	15,822	1998	19,158	2001	18,701		

Freight Traffic, 2002 (thousand short tons)

Commodity	Total	Foreign		Canadian
		Inbound*	Outbound*	Inbound
Total, all commodities	1,845	857	591	398
Total coal	64	64	---	---
1100 coal lignite	64	64	---	---
Total petroleum and petroleum products	0	0	---	---
Subtotal petroleum products	0	0	---	---
2410 petro. jelly & waxes	0	0	---	---
Total chemicals and related products	11	11	---	---
Subtotal fertilizers	10	10	---	---
3110 nitrogenous fert.	10	10	---	---
Subtotal other chemicals and related products	1	1	---	---
3220 alcohols	0	0	---	---
3230 carboxylic acids	0	0	---	---
3240 nitrogen func. comp.	0	0	---	---
3250 organo - inorg. comp.	0	0	---	---
3275 inorg. elem., oxides, & halogen salts	0	0	---	---
3276 metallic salts	0	0	---	---
3282 pigments & paints	0	0	---	---
3284 medicines	0	0	---	---
3285 perfumes & cleansers	0	0	---	---
3286 plastics	0	0	---	---
3292 starches, gluten, glue	0	0	---	---
3299 chem. products nec	0	0	---	---
Total crude materials, inedible except fuels	951	420	133	398
Subtotal forest products, wood and chips	0	0	---	---
4190 forest products nec	0	0	---	---
Subtotal pulp and waste paper	2	2	---	---
4225 pulp & waste paper	2	2	---	---
Subtotal soil, sand, gravel, rock and stone	432	36	---	395
4323 gypsum	432	36	---	395
Subtotal iron ore and scrap	133	---	133	---

HUDSON RIVER, NY, DEEPWATER IN UPPER BAY, NY TO WATERFORD, NY (CONSOLIDATED REPORT)
Freight Traffic, 2002 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian
		Inbound*	Outbound*	Inbound
4420 iron & steel scrap	133	—	133	—
Subtotal non-ferrous ores and scrap	27	27	—	—
4650 aluminum ore	27	27	—	—
Subtotal slag	40	40	—	—
4860 slag	40	40	—	—
Subtotal other non-metal. min.	317	315	—	2
4900 non-metal. min. nec	317	315	—	2
Total primary manufactured goods	251	234	17	—
Subtotal paper products	0	0	—	—
5120 paper & paperboard	0	0	—	—
5190 paper products nec	0	0	—	—
Subtotal lime, cement and glass	225	225	—	—
5220 cement & concrete	224	224	—	—
5240 glass & glass prod.	0	0	—	—
5290 misc. mineral prod.	0	0	—	—
Subtotal primary iron and steel products	0	0	—	—
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	26	9	17	—
5421 copper	0	0	—	—
5429 smelted prod. nec	17	0	17	—
5480 fab. metal products	9	9	0	—
Total food and farm products	560	124	435	—
Subtotal fish	1	1	—	—
6134 fish (not shellfish)	0	0	—	—
6136 shellfish	0	0	—	—
Subtotal grain	444	8	435	—
6241 wheat	85	8	77	—
6344 corn	358	—	358	—
Subtotal oilseeds	0	0	—	—
6590 oilseeds nec	0	0	—	—
Subtotal vegetable products	0	0	—	—
6654 vegetables & prod.	0	0	—	—
Subtotal other agricultural products	115	115	—	—
6858 fruit juices	0	0	—	—
6861 sugar	21	21	—	—
6865 molasses	94	94	—	—
6889 food products nec	0	0	—	—
Total all manufactured equipment, machinery and products	9	4	5	—
7110 machinery (not elec)	5	0	4	—
7120 electrical machinery	1	0	1	—
7210 vehicles & parts	0	0	—	—
7400 manufac. wood prod.	0	0	—	—
7500 textile products	1	1	—	—
7600 rubber & plastic pr.	1	1	—	—
7900 manufac. prod. nec	2	2	—	—
Total unknown or not elsewhere classified	0	0	—	—
9900 unknown or nec	0	0	—	—
Ton-miles (x1000) Foreign & Canadian	193,965	83,182	67,979	42,803

Commodity	Total	Domestic					
		Coastwise		Internal			
		Receipts	Shipments	Inbound Upbound	Outbound Downbnd	Intra Upbound Downbnd	
Total, all commodities	14,718	1,274	2,535	7,961	2,758	97	92
Total coal	39	39	—	—	—	—	—
1100 coal lignite	39	39	—	—	—	—	—
Total petroleum and petroleum products	8,880	777	15	7,930	62	96	—
Subtotal petroleum products	8,880	777	15	7,930	62	96	—
2211 gasoline	4,847	356	8	4,460	23	—	—
2221 kerosene	213	—	—	213	—	—	—
2330 distillate fuel oil	2,683	87	—	2,499	—	96	—
2340 residual fuel oil	765	182	6	542	35	—	—
2350 lube oil & greases	0	—	—	0	—	—	—
2430 asphalt, tar & pitch	366	152	—	214	—	—	—
2990 petro. products nec	6	—	—	1	5	—	—
Total chemicals and related products	8	—	—	8	—	—	—
Subtotal other chemicals and related products	8	—	—	8	—	—	—
3299 chem. products nec	8	—	—	8	—	—	—

HUDSON RIVER, NY, DEEPWATER IN UPPER BAY, NY TO WATERFORD, NY (CONSOLIDATED REPORT)
Freight Traffic, 2002 - continued
(thousand short tons)

Commodity	Total	Domestic					
		Coastwise		Internal			
		Receipts	Shipments	Inbound Upbound	Outbound Downbnd	Intra Upbound Downbnd	
Total crude materials, inedible except fuels	3,537	1	1,262	7	2,174	1	92
Subtotal soil, sand, gravel, rock and stone	3,444	1	1,246	7	2,097	1	92
4331 sand & gravel	3,444	1	1,246	7	2,097	1	92
Subtotal iron ore and scrap	93	---	16	---	77	---	---
4420 iron & steel scrap	93	---	16	---	77	---	---
Total primary manufactured goods	1,637	---	1,258	---	378	---	---
Subtotal lime, cement and glass	1,637	---	1,258	---	378	---	---
5220 cement & concrete	1,637	---	1,258	---	378	---	---
Total food and farm products	458	457	---	1	---	---	---
Subtotal other agricultural products	458	457	---	1	---	---	---
6861 sugar	457	457	---	---	---	---	---
6888 water & ice	1	---	---	1	---	---	---
Total waste and scrap nec	159	---	---	16	144	---	---
8900 waste and scrap nec	159	---	---	16	144	---	---
Ton-miles (x1000) Domestic	1,035,176	76,810	179,514	651,529	120,872	3,515	2,936
Tons All Traffic (x1000)	16,563						
Ton-miles All Traffic (x1000)	1,229,141						
Total Trip-ton-miles Internal and Intraport (x1000)	1,222,151						

*Includes 13 tons of foreign inbound in-transits; Includes 18,820 tons of foreign outbound in-transits.

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
1993	6,053	1996	5,768	1999	6,402	2002	6,836
1994	6,107	1997	6,819	2000	6,127		
1995	5,803	1998	6,723	2001	7,265		

Freight Traffic, 2002 (thousand short tons)

Commodity	Total	Foreign		Canadian
		Inbound	Outbound*	Inbound
Total, all commodities	1,304	489	591	224
Total coal	25	25	---	---
1100 coal lignite	25	25	---	---
Total chemicals and related products	10	10	---	---
Subtotal fertilizers	10	10	---	---
3110 nitrogenous fert.	10	10	---	---
Total crude materials, inedible except fuels	673	316	133	224
Subtotal pulp and waste paper	2	2	---	---
4225 pulp & waste paper	2	2	---	---
Subtotal soil, sand, gravel, rock and stone	260	36	---	224
4323 gypsum	260	36	---	224
Subtotal iron ore and scrap	133	---	133	---
4420 iron & steel scrap	133	---	133	---
Subtotal non-ferrous ores and scrap	27	27	---	---
4650 aluminum ore	27	27	---	---
Subtotal other non-metal. min.	251	251	---	---
4900 non-metal. min. nec	251	251	---	---
Total primary manufactured goods	52	35	17	---
Subtotal lime, cement and glass	27	27	---	---
5220 cement & concrete	27	27	---	---
Subtotal primary iron and steel products	0	0	---	---
5370 i&s pipe & tube	0	0	---	---
Subtotal primary non-ferrous metal products	25	8	17	---
5429 smelted prod. nec	17	---	17	---
5480 fab. metal products	8	8	0	---
Total food and farm products	538	103	435	---
Subtotal grain	444	8	435	---
6241 wheat	85	8	77	---

PORT OF ALBANY, NY (INCLUDED IN STATISTICS FOR HUDSON RIVER)
 Freight Traffic, 2002 - continued
 (thousand short tons)

Commodity	Total	Foreign		Canadian
		Inbound	Outbound*	Inbound
6344 corn	358	—	358	—
Subtotal other agricultural products	94	94	—	—
6865 molasses	94	94	—	—
Total all manufactured equipment, machinery and products	6	1	5	—
7110 machinery (not elec)	4	—	4	—
7120 electrical machinery	1	0	1	—
7900 manufac. prod. nec	1	1	—	—
Total unknown or not elsewhere classified	0	0	—	—
9900 unknown or nec	0	0	—	—

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Total, all commodities	5,531	543	16	4,835	86	51
Total petroleum and petroleum products	5,449	543	—	4,814	41	51
Subtotal petroleum products	5,449	543	—	4,814	41	51
2211 gasoline	3,356	293	—	3,053	11	—
2221 kerosene	127	—	—	127	—	—
2330 distillate fuel oil	1,316	73	—	1,192	—	51
2340 residual fuel oil	373	95	—	247	31	—
2430 asphalt, tar & pitch	276	83	—	194	—	—
2990 petro. products nec	1	—	—	1	—	—
Total chemicals and related products	8	—	—	8	—	—
Subtotal other chemicals and related products	8	—	—	8	—	—
3299 chem. products nec	8	—	—	8	—	—
Total crude materials, inedible except fuels	61	—	16	—	45	—
Subtotal iron ore and scrap	61	—	16	—	45	—
4420 iron & steel scrap	61	—	16	—	45	—
Total food and farm products	1	—	—	1	—	—
Subtotal other agricultural products	1	—	—	1	—	—
6888 water & ice	1	—	—	1	—	—
Total waste and scrap nec	12	—	—	12	—	—
8900 waste and scrap nec	12	—	—	12	—	—

*Includes 18,820 tons of foreign outbound in-transits.

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
1993	835	1996	1,521	1999	1,223	2002	1,342
1994	1,094	1997	1,510	2000	1,410		
1995	1,051	1998	1,327	2001	1,351		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total*	Domestic
		Coastwise Receipts
Total, all commodities	1,236	1,236
Total petroleum and petroleum products	567	567
Subtotal petroleum products	567	567
2211 gasoline	467	467
2221 kerosene	8	8
2330 distillate fuel oil	84	84
2340 residual fuel oil	8	8
Total crude materials, inedible except fuels	670	670
Subtotal soil, sand, gravel, rock and stone	670	670
4331 sand & gravel	670	670

*Does not include 105,515 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
1993	2,433	1996	2,988	1999	2,867	2002	2,505
1994	2,101	1997	2,793	2000	2,840		
1995	2,018	1998	2,842	2001	2,578		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Domestic
		Coastwise Receipts
Total, all commodities	2,505	2,505
Total petroleum and petroleum products	2,134	2,134
Subtotal petroleum products	2,134	2,134
2211 gasoline	856	856
2221 kerosene	87	87
2330 distillate fuel oil	957	957
2340 residual fuel oil	234	234
Total crude materials, inedible except fuels	371	371
Subtotal soil, sand, gravel, rock and stone	371	371
4331 sand & gravel	371	371

Other Harbors and Waterways 2002

Harbor or Waterway Project	Commodity	Thousand Short Tons
BRONX RIVER, NY (INCLUDED IN PORT OF NEW YORK)	4331 sand & gravel	84
	4420 iron & steel scrap	120
	Total Tons(x1000)	204
	Total Ton-miles(x1000) Total Trip-ton-miles Internal and Intraport(x1000)	408 9,790
BROWNS CREEK, NY	5220 cement & concrete	0
	7900 manufac. prod. nec	5
	8900 waste and scrap nec	3
	Total Tons(x1000) Total Ton-miles(x1000) Total Trip-ton-miles Internal and Intraport(x1000)	8 8 126
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)	4331 sand & gravel	1
	Total Tons(x1000)	1
	Total Ton-miles(x1000)	1
	Total Trip-ton-miles Internal and Intraport(x1000)	84
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	4331 sand & gravel	106
	Total Tons(x1000)	106
	Total Ton-miles(x1000)	106
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)	5220 cement & concrete	1
	7900 manufac. prod. nec	8
	8900 waste and scrap nec	3
	Total Tons(x1000)	12
	Total Ton-miles(x1000) Total Trip-ton-miles Internal and Intraport(x1000)	119 136
GREENPORT HARBOR, NY	No Commerce Reported	
HARLEM RIVER, NY (INCLUDED IN PORT OF NEW YORK)	4331 sand & gravel	2
	Total Tons(x1000)	2
	Total Ton-miles(x1000)	2
	Total Trip-ton-miles Internal and Intraport(x1000)	90
HUNTINGTON HARBOR, NY	No Commerce Reported	
JONES INLET, NY	No Commerce Reported	

Other Harbors and Waterways 2002 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
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)	2330 distillate fuel oil	43
	Total Tons(x1000)	43
	Total Ton-miles(x1000)	173
	Total Trip-ton-miles Internal and Intraport(x1000)	1,836
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	
PORT CHESTER HARBOR, NY (INCLUDED IN PORT OF NEW YORK)	2330 distillate fuel oil	69
	Total Tons(x1000)	69
	Total Ton-miles(x1000)	69
	Total Trip-ton-miles Internal and Intraport(x1000)	3,928
PORT HENRY HARBOR, NY	No Commerce Reported	
RAHWAY RIVER, NJ (INCLUDED IN PORT OF NEW YORK)	No Commerce Reported	
RONDOUT HARBOR, NY (INCLUDED IN STATISTICS FOR HUDSON RIVER)	2330 distillate fuel oil	33
	Total Tons(x1000)	33
ROUSES POINT, NY	No Commerce Reported	

Other Harbors and Waterways 2002 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
SAG HARBOR, NY	4335 waterway improv. mat	35
	Total Tons(x1000)	35
SANDY HOOK BAY AT LEONARDO, NJ (INCLUDED IN PORT OF NEW YORK)	2340 residual fuel oil	1
	Total Tons(x1000)	1
	Total Trip-ton-miles Internal and Intraport(x1000)	28
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)	2330 distillate fuel oil	62
	4331 sand & gravel	89
	Total Tons(x1000)	151
WALLABOUT CHANNEL, NY (INCLUDED IN PORT OF NEW YORK)	No Commerce Reported	
WAYCAKE CREEK, NJ (INCLUDED IN PORT OF NEW YORK)	No Commerce Reported	
WESTCHESTER CREEK, NY (INCLUDED IN PORT OF NEW YORK)	2330 distillate fuel oil	168
	Total Tons(x1000)	168
	Total Ton-miles(x1000)	505
	Total Trip-ton-miles Internal and Intraport(x1000)	6,529
Non-project		
GOWANUS CANAL, NY (INCLUDED IN PORT OF NEW YORK)	2211 gasoline	3
	2221 kerosene	2
	2330 distillate fuel oil	171
	2340 residual fuel oil	55
	4331 sand & gravel	142
	Total Tons(x1000)	373
	Total Ton-miles(x1000)	403
	Total Trip-ton-miles Internal and Intraport(x1000)	15,538

Other Harbors and Waterways 2002 - continued

Harbor or Waterway	Commodity	Thousand Short Tons
Non-project		
GRAVESEND BAY, NY (INCLUDED IN PORT OF NEW YORK)	2100 crude petroleum 2211 gasoline 2330 distillate fuel oil 2340 residual fuel oil 2350 lube oil & greases 2429 naphtha & solvents 2990 petro. products nec 3297 chemical additives 4331 sand & gravel	64 118 89 91 0 1 4 4 1
	Total Tons(x1000) Total Ton-miles(x1000) Total Trip-ton-miles Internal and Intraport(x1000)	<hr/> 373 378 7,531
OYSTER BAY, NY	2211 gasoline 2330 distillate fuel oil	109 291
	Total Tons(x1000) Total Ton-miles(x1000)	<hr/> 400 549
SANDY HOOK BAY, NJ (INCLUDED IN PORT OF NEW YORK)	2330 distillate fuel oil 2340 residual fuel oil	2 1
	Total Tons(x1000) Total Ton-miles(x1000) Total Trip-ton-miles Internal and Intraport(x1000)	<hr/> 3 2 97

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
1993	5,667	1996	6,439	1999	8,558	2002	8,445
1994	5,979	1997	6,849	2000	10,191		
1995	6,088	1998	7,765	2001	9,551		

Freight Traffic, 2002 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound	Outbound
Total, all commodities	4,339	3,681	41	605	11
Total coal	12	—	12	—	—
1100 coal lignite	12	—	12	—	—
Total petroleum and petroleum products	962	683	1	267	11
Subtotal petroleum products	962	683	1	267	11
2211 gasoline	33	15	—	17	—
2330 distillate fuel oil	22	7	—	15	—
2340 residual fuel oil	874	627	—	235	11
2350 lube oil & greases	6	5	1	—	—
2410 petro. jelly & waxes	28	28	—	—	—
Total chemicals and related products	81	54	28	—	—
Subtotal other chemicals and related products	81	54	28	—	—
3212 benzene & toluene	7	7	—	—	—
3219 other hydrocarbons	10	—	10	—	—
3220 alcohols	38	25	13	—	—
3230 carboxylic acids	24	19	6	—	—
3260 organic comp. nec	0	0	—	—	—
3299 chem. products nec	2	2	—	—	—
Total crude materials, inedible except fuels	933	595	—	338	—
Subtotal forest products, wood and chips	13	13	—	—	—
4170 wood in the rough	0	0	—	—	—
4189 lumber	13	13	—	—	—
Subtotal pulp and waste paper	7	7	—	—	—
4225 pulp & waste paper	7	7	—	—	—
Subtotal soil, sand, gravel, rock and stone	560	222	—	338	—
4310 building stone	42	42	—	—	—
4323 gypsum	518	180	—	338	—
Subtotal iron ore and scrap	52	52	—	—	—
4410 iron ore	46	46	—	—	—
4420 iron & steel scrap	5	5	—	—	—
Subtotal slag	40	40	—	—	—
4860 slag	40	40	—	—	—
Subtotal other non-metal. min.	261	261	—	—	—
4900 non-metal. min. nec	261	261	—	—	—
Total primary manufactured goods	2,132	2,132	0	—	—
Subtotal paper products	4	4	—	—	—
5110 newsprint	3	3	—	—	—
5120 paper & paperboard	0	0	—	—	—
5190 paper products nec	0	0	—	—	—
Subtotal lime, cement and glass	318	318	—	—	—
5220 cement & concrete	318	318	—	—	—
Subtotal primary iron and steel products	1,647	1,647	—	—	—
5320 i&s primary forms	1,466	1,466	—	—	—
5330 i&s plates & sheets	132	132	—	—	—
5360 i&s bars & shapes	43	43	—	—	—
5370 i&s pipe & tube	5	5	—	—	—
5390 primary i&s nec	1	1	—	—	—
Subtotal primary non-ferrous metal products	141	141	0	—	—
5480 fab. metal products	141	141	0	—	—
Subtotal primary wood products	22	22	—	—	—
5540 primary wood prod.	22	22	—	—	—
Total food and farm products	131	131	0	—	—
Subtotal grain	2	2	—	—	—
6344 corn	2	2	—	—	—
Subtotal vegetable products	0	0	—	—	—
6654 vegetables & prod.	0	0	—	—	—
Subtotal other agricultural products	129	129	0	—	—
6857 fruit & nuts nec	123	123	—	—	—
6858 fruit juices	5	5	0	—	—
6889 food products nec	0	—	0	—	—
6899 farm products nec	0	0	—	—	—
Total all manufactured equipment, machinery and products	20	20	0	—	—
7110 machinery (not elec)	12	12	0	—	—
7120 electrical machinery	3	3	—	—	—
7210 vehicles & parts	0	0	0	—	—

DELAWARE RIVER BETWEEN PHILADELPHIA, PA, AND TRENTON, NJ
 Freight Traffic, 2002 - continued
 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound	Outbound
7400 manufac. wood prod.	1	1	—	—	—
7500 textile products	3	3	—	—	—
7900 manufac. prod. nec	0	0	—	—	—
Total unknown or not elsewhere classified	68	68	—	—	—
9900 unknown or nec	68	68	—	—	—
Ton-miles (x1000) Foreign & Canadian	89,776	83,821	549	5,407	0

Commodity	Total	Domestic					
		Coastwise		Internal			
		Receipts	Shipments	Inbound Upbound	Outbound Downbnd	Intra Upbound Downbnd	
Total, all commodities	4,106	157	173	2,485	1,116	17	158
Total coal	701	—	—	701	—	—	—
1100 coal lignite	701	—	—	701	—	—	—
Total petroleum and petroleum products	2,024	67	42	1,030	862	17	5
Subtotal petroleum products	2,024	67	42	1,030	862	17	5
2211 gasoline	575	—	7	568	—	—	—
2221 kerosene	27	—	—	22	—	—	5
2330 distillate fuel oil	450	15	19	295	116	6	—
2340 residual fuel oil	962	53	16	135	746	12	—
2350 lube oil & greases	2	—	0	2	—	—	—
2429 naphtha & solvents	8	—	—	8	—	—	—
2540 petroleum coke	0	—	0	—	—	—	—
2640 liquid natural gas	0	0	0	—	—	—	—
Total chemicals and related products	1,289	48	80	755	253	—	153
Subtotal fertilizers	0	—	0	—	—	—	—
3110 nitrogenous fert.	0	—	0	—	—	—	—
Subtotal other chemicals and related products	1,289	48	80	755	253	—	153
3211 acyclic hydrocarbons	0	0	—	—	—	—	—
3212 benzene & toluene	25	—	—	25	—	—	—
3219 other hydrocarbons	665	—	0	665	—	—	—
3220 alcohols	304	14	10	22	253	—	5
3230 carboxylic acids	1	0	1	—	—	—	—
3240 nitrogen func. comp.	0	—	0	—	—	—	—
3260 organic comp. nec	211	—	63	—	—	—	148
3272 sulphuric acid	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	—	—	—	—
3282 pigments & paints	0	0	0	—	—	—	—
3283 coloring mat. nec	0	—	0	—	—	—	—
3284 medicines	6	5	1	—	—	—	—
3285 perfumes & cleansers	3	0	3	—	—	—	—
3286 plastics	1	—	1	—	—	—	—
3291 pesticides	0	0	—	—	—	—	—
3292 starches, gluten, glue	0	—	0	—	—	—	—
3297 chemical additives	70	26	—	44	—	—	—
3299 chem. products nec	3	3	0	—	—	—	—
Total crude materials, inedible except fuels	1	0	1	—	—	—	—
Subtotal forest products, wood and chips	0	0	0	—	—	—	—
4110 rubber & gums	0	0	—	—	—	—	—
4161 wood chips	0	—	0	—	—	—	—
4190 forest products nec	0	—	0	—	—	—	—
Subtotal soil, sand, gravel, rock and stone	0	—	0	—	—	—	—
4322 limestone	0	—	0	—	—	—	—
4331 sand & gravel	0	—	0	—	—	—	—
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	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	23	17	6	—	—	—	—
Subtotal paper products	4	1	4	—	—	—	—
5110 newsprint	0	—	0	—	—	—	—
5120 paper & paperboard	2	—	2	—	—	—	—
5190 paper products nec	2	1	1	—	—	—	—
Subtotal lime, cement and glass	1	0	1	—	—	—	—
5220 cement & concrete	0	—	0	—	—	—	—
5240 glass & glass prod.	0	0	0	—	—	—	—

DELAWARE RIVER BETWEEN PHILADELPHIA, PA, AND TRENTON, NJ
Freight Traffic, 2002 - continued
(thousand short tons)

Commodity	Total	Domestic					
		Coastwise		Internal			
		Receipts	Shipments	Inbound Upbound	Outbound Downbnd	Intra Upbound Downbnd	
5290 misc. mineral prod.	0	0	0	—	—	—	—
Subtotal primary iron and steel products	17	16	1	—	—	—	—
5330 i&s plates & sheets	0	—	0	—	—	—	—
5360 i&s bars & shapes	0	—	0	—	—	—	—
5370 i&s pipe & tube	1	—	1	—	—	—	—
5390 primary i&s nec	16	16	0	—	—	—	—
Subtotal primary non-ferrous metal products	1	0	1	—	—	—	—
5421 copper	0	0	0	—	—	—	—
5422 aluminum	0	—	0	—	—	—	—
5480 fab. metal products	1	0	0	—	—	—	—
Subtotal primary wood products	0	—	0	—	—	—	—
5540 primary wood prod.	0	—	0	—	—	—	—
Total food and farm products	38	16	23	0	—	—	—
Subtotal fish	1	1	—	—	—	—	—
6134 fish (not shellfish)	1	1	—	—	—	—	—
6136 shellfish	0	0	—	—	—	—	—
Subtotal grain	0	—	0	—	—	—	—
6344 corn	0	—	0	—	—	—	—
6442 rice	0	—	0	—	—	—	—
Subtotal oilseeds	0	0	0	—	—	—	—
6590 oilseeds nec	0	0	0	—	—	—	—
Subtotal vegetable products	3	2	2	—	—	—	—
6654 vegetables & prod.	3	2	2	—	—	—	—
Subtotal processed grain and animal feed	1	0	1	—	—	—	—
6746 wheat flour	0	—	0	—	—	—	—
6747 grain mill products	1	0	1	—	—	—	—
6782 animal feed, prep.	1	0	0	—	—	—	—
Subtotal other agricultural products	32	12	20	0	—	—	—
6811 meat, fresh, frozen	1	0	1	—	—	—	—
6817 meat, prepared	1	—	1	—	—	—	—
6822 dairy products	2	—	2	—	—	—	—
6835 fish, prepared	7	7	—	—	—	—	—
6839 animals & prod. nec	1	—	1	—	—	—	—
6857 fruit & nuts nec	1	0	0	—	—	—	—
6858 fruit juices	1	0	1	—	—	—	—
6861 sugar	0	—	0	—	—	—	—
6872 cocoa beans	1	1	—	—	—	—	—
6885 alcoholic beverages	0	0	0	—	—	—	—
6887 groceries	6	0	6	0	—	—	—
6888 water & ice	0	0	0	—	—	—	—
6889 food products nec	10	3	7	—	—	—	—
6891 tobacco & products	0	0	0	—	—	—	—
6893 cotton	1	1	0	—	—	—	—
Total all manufactured equipment, machinery and products	20	4	16	—	—	—	—
7110 machinery (not elec)	1	0	1	—	—	—	—
7120 electrical machinery	1	1	0	—	—	—	—
7210 vehicles & parts	0	0	0	—	—	—	—
7400 manufac. wood prod.	0	0	0	—	—	—	—
7500 textile products	2	0	1	—	—	—	—
7600 rubber & plastic pr.	1	0	1	—	—	—	—
7800 empty containers	0	0	0	—	—	—	—
7900 manufac. prod. nec	14	2	12	—	—	—	—
Total waste and scrap nec	0	0	0	—	—	—	—
8900 waste and scrap nec	0	0	0	—	—	—	—
Total unknown or not elsewhere classified	10	4	6	—	—	—	—
9900 unknown or nec	10	4	6	—	—	—	—
Ton-miles (x1000)	36,159	741	288	33,397	1,055	306	371
Domestic							
Tons All Traffic (x1000)	8,445						
Ton-miles All Traffic (x1000)	125,935						
Total Trip-ton-miles Internal and Intraport (x1000)	451,344						

*Includes 3,557 tons of foreign inbound in-transits; Includes 48 tons of foreign outbound in-transits.

DELAWARE RIVER, PHILADELPHIA, PA (TO THE SEA)
 Freight Traffic, 2002 - continued
 (thousand short tons)

Commodity	Total	Foreign				Canadian			
		Inbound*	Outbound*	Through		Inbound*	Outbound	Through	
				Upbound*	Downbnd*			Upbound	Downbnd
6858 fruit juices	190	30	8	150	2	—	—	—	—
6861 sugar	2	2	0	—	0	—	—	—	—
6865 molasses	5	5	—	—	—	—	—	—	—
6871 coffee	9	9	0	0	0	—	—	—	—
6872 cocoa beans	222	220	1	1	0	—	—	—	—
6885 alcoholic beverages	84	82	1	—	2	—	—	—	—
6888 water & ice	9	7	0	—	2	—	—	—	—
6889 food products nec	85	46	17	1	21	0	—	—	—
6891 tobacco & products	6	3	2	—	1	—	—	—	—
6893 cotton	0	0	—	—	—	—	—	—	—
6894 natural fibers nec	0	0	0	—	0	—	—	—	—
6899 farm products nec	19	18	0	1	0	0	—	—	—
Total all manufactured equipment, machinery and products	857	386	149	188	134	—	0	—	—
7110 machinery (not elec)	122	67	35	13	6	—	—	—	—
7120 electrical machinery	81	24	50	4	3	—	—	—	—
7210 vehicles & parts	300	25	9	159	106	—	—	—	—
7220 aircraft & parts	0	0	0	0	0	—	—	—	—
7230 ships & boats	0	0	0	0	0	—	0	—	—
7300 ordnance & access.	0	0	—	—	—	—	—	—	—
7400 manufac. wood prod.	13	8	2	3	1	—	—	—	—
7500 textile products	37	13	10	5	9	—	—	—	—
7600 rubber & plastic pr.	35	19	12	0	3	—	—	—	—
7900 manufac. prod. nec	270	229	30	3	7	—	—	—	—
Total unknown or not elsewhere classified	306	168	26	83	19	0	—	10	—
9900 unknown or nec	306	168	26	83	19	0	—	10	—
Ton-miles Foreign & Canadian (x1000)	6,485,969	5,419,862	94,871	587,350	45,455	236,534	9,812	90,924	1,160

Commodity	Total	Coastwise			
		Receipts	Shipments	Through	
				Upbound	Downbnd
Total, all commodities	17,066	2,914	6,919	1,897	5,336
Total coal	1,401	—	—	—	1,401
1100 coal lignite	1,401	—	—	—	1,401
Total petroleum and petroleum products	12,098	1,324	6,413	1,310	3,051
Subtotal crude petroleum	178	30	98	—	50
2100 crude petroleum	178	30	98	—	50
Subtotal petroleum products	11,920	1,294	6,315	1,310	3,001
2211 gasoline	2,674	215	1,462	580	417
2221 kerosene	36	25	10	—	—
2330 distillate fuel oil	2,660	366	2,028	68	198
2340 residual fuel oil	5,029	474	1,851	393	2,312
2350 lube oil & greases	138	42	86	—	11
2410 petro. jelly & waxes	29	—	—	29	—
2429 naphtha & solvents	242	123	103	—	16
2430 asphalt, tar & pitch	1,089	43	759	239	48
2540 petroleum coke	0	—	—	—	0
2640 liquid natural gas	0	—	—	0	0
2990 petro. products nec	22	7	16	—	—
Total chemicals and related products	1,816	1,503	106	77	129
Subtotal fertilizers	7	6	1	—	0
3110 nitrogenous fert.	7	6	1	—	0
Subtotal other chemicals and related products	1,809	1,497	105	77	129
3211 acyclic hydrocarbons	0	—	—	0	—
3212 benzene & toluene	22	—	22	—	—
3219 other hydrocarbons	22	3	8	—	11
3220 alcohols	43	—	9	14	20
3230 carboxylic acids	3	—	—	0	3
3240 nitrogen func. comp.	0	—	—	—	0
3260 organic comp. nec	63	—	—	—	63
3272 sulphuric acid	14	1	12	—	0
3274 sodium hydroxide	150	103	10	15	22
3275 inorg. elem., oxides, & halogen salts	10	2	—	8	0
3276 metallic salts	4	—	—	0	4
3279 inorganic chem. nec	0	—	—	—	0
3282 pigments & paints	0	—	—	0	0
3283 coloring mat. nec	0	—	—	—	0
3284 medicines	6	—	—	5	1
3285 perfumes & cleansers	3	—	—	0	3
3286 plastics	1	—	—	—	1
3291 pesticides	0	—	—	0	—
3292 starches, gluten, glue	0	—	—	—	0

DELAWARE RIVER, PHILADELPHIA, PA (TO THE SEA)
Freight Traffic, 2002 - continued
(thousand short tons)

Commodity	Total	Coastwise			
		Receipts	Shipments	Through	
				Upbound	Downbnd
3297 chemical additives	1,411	1,358	21	33	—
3299 chem. products nec	56	31	23	3	0
Total crude materials, inedible except fuels	94	8	9	0	77
Subtotal forest products, wood and chips	1	1	—	0	0
4110 rubber & gums	1	1	—	0	—
4161 wood chips	0	—	—	—	0
4189 lumber	0	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	76	—	—	—	76
4322 limestone	76	—	—	—	76
4331 sand & gravel	0	—	—	—	0
Subtotal iron ore and scrap	9	—	9	0	—
4420 iron & steel scrap	9	—	9	0	—
Subtotal non-ferrous ores and scrap	0	—	—	0	—
4680 non-ferrous scrap	0	—	—	0	—
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	780	5	157	483	134
Subtotal paper products	4	0	—	1	4
5110 newsprint	0	—	—	—	0
5120 paper & paperboard	2	—	—	—	2
5190 paper products nec	2	0	—	1	1
Subtotal lime, cement and glass	699	0	157	413	128
5220 cement & concrete	698	—	157	413	128
5240 glass & glass prod.	0	—	—	0	0
5290 misc. mineral prod.	1	0	—	0	0
Subtotal primary iron and steel products	69	—	—	68	1
5330 i&s plates & sheets	0	—	—	—	0
5360 i&s bars & shapes	0	—	—	—	0
5370 i&s pipe & tube	1	—	—	—	1
5390 primary i&s nec	68	—	—	68	0
Subtotal primary non-ferrous metal products	7	4	—	1	1
5421 copper	0	—	—	0	0
5422 aluminum	0	—	—	—	0
5480 fab. metal products	7	4	—	1	1
Subtotal primary wood products	0	—	—	—	0
5540 primary wood prod.	0	—	—	—	0
Total food and farm products	680	51	95	16	518
Subtotal fish	1	—	—	1	—
6134 fish (not shellfish)	1	—	—	1	—
6136 shellfish	0	—	—	0	—
Subtotal grain	0	—	—	—	0
6344 corn	0	—	—	—	0
6442 rice	0	—	—	—	0
Subtotal oilseeds	0	—	—	0	0
6590 oilseeds nec	0	—	—	0	0
Subtotal vegetable products	3	—	—	2	2
6654 vegetables & prod.	3	—	—	2	2
Subtotal processed grain and animal feed	1	—	—	0	1
6746 wheat flour	0	—	—	—	0
6747 grain mill products	1	—	—	0	1
6782 animal feed, prep.	1	—	—	0	0
Subtotal other agricultural products	674	51	95	12	516
6811 meat, fresh, frozen	1	—	—	0	1
6817 meat, prepared	1	—	—	—	1
6822 dairy products	2	—	—	—	2
6835 fish, prepared	7	—	—	7	—
6839 animals & prod. nec	1	—	—	—	1
6857 fruit & nuts nec	1	—	—	0	0
6858 fruit juices	1	—	—	0	1
6861 sugar	0	—	—	—	0
6872 cocoa beans	1	—	—	1	—
6885 alcoholic beverages	0	—	—	0	0
6887 groceries	149	48	94	0	6
6888 water & ice	0	—	0	0	0
6889 food products nec	509	2	1	3	503
6891 tobacco & products	0	—	—	0	0
6893 cotton	1	—	—	1	0
Total all manufactured equipment, machinery and products	185	23	136	6	19
7110 machinery (not elec)	2	0	0	0	1
7120 electrical machinery	2	1	—	1	0
7210 vehicles & parts	33	3	30	0	0
7300 ordnance & access.	0	—	0	—	—
7400 manufac. wood prod.	35	—	34	0	0
7500 textile products	2	0	0	0	1
7600 rubber & plastic pr.	2	1	—	0	1
7800 empty containers	0	—	—	0	0

DELAWARE RIVER, PHILADELPHIA, PA (TO THE SEA)
Freight Traffic, 2002 - continued
(thousand short tons)

Commodity	Total	Coastwise			
		Receipts	Shipments	Through	
				Upbound	Downbnd
7900 manufac. prod. nec	110	19	72	4	15
Total waste and scrap nec	0	---	---	0	0
8900 waste and scrap nec	0	---	---	0	0
Total unknown or not elsewhere classified	12	---	2	4	6
9900 unknown or nec	12	---	2	4	6
Ton-miles (x1000) Coastwise	1,350,164	245,065	557,245	128,949	418,905

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	25,590	969	1,607	1,840	1,992	1,747	1,349	15,381	704
Total coal	1,234	482	---	---	---	701	---	---	51
1100 coal lignite	1,234	482	---	---	---	701	---	---	51
Total petroleum and petroleum products	22,767	480	1,602	1,552	1,722	485	1,084	15,292	550
Subtotal crude petroleum	14,600	---	---	---	---	---	---	14,600	---
2100 crude petroleum	14,600	---	---	---	---	---	---	14,600	---
Subtotal petroleum products	8,167	480	1,602	1,552	1,722	485	1,084	692	550
2211 gasoline	2,475	26	24	614	553	259	406	356	237
2221 kerosene	37	---	---	22	2	4	4	5	---
2330 distillate fuel oil	2,261	131	578	643	241	114	158	193	204
2340 residual fuel oil	2,582	299	995	203	295	101	513	82	96
2350 lube oil & greases	7	---	---	2	0	---	---	1	5
2429 naphtha & solvents	103	22	4	21	7	8	4	29	9
2430 asphalt, tar & pitch	702	2	---	47	625	---	---	28	---
Total chemicals and related products	1,469	7	---	289	179	561	258	86	88
Subtotal other chemicals and related products	1,469	7	---	289	179	561	258	86	88
3212 benzene & toluene	75	---	---	31	10	13	---	4	18
3219 other hydrocarbons	763	---	---	161	32	548	---	6	15
3220 alcohols	301	6	---	25	---	---	258	11	---
3272 sulphuric acid	16	1	---	---	10	---	---	---	5
3274 sodium hydroxide	7	---	---	---	7	---	---	---	---
3276 metallic salts	112	---	---	---	112	---	---	---	---
3297 chemical additives	195	---	---	71	8	---	---	65	51
Total crude materials, inedible except fuels	13	---	5	---	---	---	7	---	1
Subtotal soil, sand, gravel, rock and stone	13	---	5	---	---	---	7	---	1
4331 sand & gravel	13	---	5	---	---	---	7	---	1
Total primary manufactured goods	90	0	---	---	90	---	---	---	---
Subtotal lime, cement and glass	90	---	---	---	90	---	---	---	---
5220 cement & concrete	90	---	---	---	90	---	---	---	---
Subtotal primary non-ferrous metal products	0	0	---	---	0	---	---	---	---
5480 fab. metal products	0	0	---	---	0	---	---	---	---
Total food and farm products	15	0	---	0	0	---	---	2	12
Subtotal other agricultural products	15	0	---	0	0	---	---	2	12
6887 groceries	3	0	---	0	0	---	---	0	3
6888 water & ice	12	---	---	---	0	---	---	2	9
Total all manufactured equipment, machinery and products	1	---	---	---	---	---	---	0	0
7900 manufac. prod. nec	1	---	---	---	---	---	---	0	0
Ton-miles Internal (x1000)	1,166,161	11,939	26,824	28,816	31,756	44,383	40,532	974,235	7,675
Tons All Traffic (x1000)			124,038						
Ton-miles All Traffic (x1000)			9,002,294						
Total Trip-ton-miles Internal and Intraport (x1000)			1,864,234						

*Includes 307,659 tons of foreign inbound in-transits; Includes 40,366 tons of foreign outbound in-transits;
Includes 375 tons of Canadian inbound in-transits; Includes 91,319 tons of foreign upbound through in-transits;
Includes 33,401 tons of foreign downbound through in-transits.

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
1993	4,664	1996	5,765	1999	5,715	2002	6,142
1994	5,669	1997	6,570	2000	5,171		
1995	5,919	1998	5,492	2001	5,126		

Freight Traffic, 2002 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound	Outbound
Total, all commodities	4,009	3,219	258	521	11
Total coal	0	—	0	—	—
1200 coal coke	0	—	0	—	—
Total petroleum and petroleum products	928	649	1	267	11
Subtotal petroleum products	928	649	1	267	11
2211 gasoline	33	15	—	17	—
2330 distillate fuel oil	22	7	—	15	—
2340 residual fuel oil	874	627	—	235	11
2350 lube oil & greases	0	—	0	—	—
2410 petro. jelly & waxes	0	—	0	—	—
2429 naphtha & solvents	0	—	0	—	—
2540 petroleum coke	0	—	0	—	—
Total chemicals and related products	9	6	3	—	—
Subtotal fertilizers	0	—	0	—	—
3190 fert. & mixes nec	0	—	0	—	—
Subtotal other chemicals and related products	9	6	3	—	—
3211 acyclic hydrocarbons	0	0	0	—	—
3219 other hydrocarbons	0	—	0	—	—
3220 alcohols	0	—	0	—	—
3230 carboxylic acids	0	—	0	—	—
3240 nitrogen func. comp.	0	—	0	—	—
3250 organo - inorg. comp.	0	—	0	—	—
3260 organic comp. nec	0	—	0	—	—
3274 sodium hydroxide	0	—	0	—	—
3275 inorg. elem., oxides, & halogen salts	0	—	0	—	—
3276 metallic salts	5	4	0	—	—
3279 inorganic chem. nec	0	—	0	—	—
3281 radioactive material	1	0	0	—	—
3282 pigments & paints	1	0	0	—	—
3283 coloring mat. nec	0	—	0	—	—
3285 perfumes & cleansers	1	1	0	—	—
3286 plastics	1	0	1	—	—
3291 pesticides	0	—	0	—	—
3292 starches, gluten, glue	0	—	0	—	—
3297 chemical additives	0	—	0	—	—
3299 chem. products nec	0	0	0	—	—
Total crude materials, inedible except fuels	782	393	135	254	—
Subtotal forest products, wood and chips	45	45	0	—	—
4110 rubber & gums	2	2	—	—	—
4150 fuel wood	0	0	—	—	—
4170 wood in the rough	5	5	—	—	—
4189 lumber	38	38	0	—	—
4190 forest products nec	1	1	—	—	—
Subtotal pulp and waste paper	0	—	0	—	—
4225 pulp & waste paper	0	—	0	—	—
Subtotal soil, sand, gravel, rock and stone	257	3	0	254	—
4322 limestone	3	3	0	—	—
4323 gypsum	254	—	—	254	—
Subtotal iron ore and scrap	121	—	121	—	—
4420 iron & steel scrap	121	—	121	—	—
Subtotal non-ferrous ores and scrap	29	16	14	—	—
4670 manganese ore	14	—	14	—	—
4690 non-ferrous ores nec	16	16	—	—	—
Subtotal sulphur, clay and salt	0	—	0	—	—
4782 clay & refrac. mat.	0	—	0	—	—
Subtotal slag	322	322	—	—	—
4860 slag	322	322	—	—	—
Subtotal other non-metal. min.	9	8	1	—	—
4900 non-metal. min. nec	9	8	1	—	—
Total primary manufactured goods	1,085	1,037	48	—	—
Subtotal paper products	18	14	3	—	—
5110 newsprint	13	13	—	—	—
5120 paper & paperboard	3	1	2	—	—
5190 paper products nec	1	0	1	—	—
Subtotal lime, cement and glass	2	0	1	—	—
5240 glass & glass prod.	0	—	0	—	—
5290 misc. mineral prod.	2	0	1	—	—
Subtotal primary iron and steel products	649	640	9	—	—
5315 ferro alloys	17	17	—	—	—

DELAWARE RIVER AT CAMDEN, NJ (INCLUDED IN DELAWARE RIVER, PHILADELPHIA, PA TO THE SEA)
 Freight Traffic, 2002 - continued
 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound	Outbound
5320 i&s primary forms	94	85	9	---	---
5330 i&s plates & sheets	383	382	0	---	---
5360 i&s bars & shapes	65	65	---	---	---
5370 i&s pipe & tube	34	34	0	---	---
5390 primary i&s nec	56	56	0	---	---
Subtotal primary non-ferrous metal products	101	67	34	---	---
5422 aluminum	6	6	0	---	---
5429 smelted prod. nec	20	0	20	---	---
5480 fab. metal products	75	61	14	---	---
Subtotal primary wood products	316	315	0	---	---
5540 primary wood prod.	316	315	0	---	---
Total food and farm products	1,051	1,023	27	---	---
Subtotal fish	1	0	1	---	---
6134 fish (not shellfish)	1	0	1	---	---
6136 shellfish	0	0	0	---	---
Subtotal grain	2	2	0	---	---
6344 corn	2	2	0	---	---
6442 rice	0	0	---	---	---
Subtotal oilseeds	0	0	---	---	---
6590 oilseeds nec	0	0	---	---	---
Subtotal vegetable products	8	6	1	---	---
6653 vegetable oils	0	0	0	---	---
6654 vegetables & prod.	8	6	1	---	---
Subtotal processed grain and animal feed	2	1	1	---	---
6746 wheat flour	0	0	---	---	---
6747 grain mill products	1	1	0	---	---
6782 animal feed, prep.	1	0	1	---	---
Subtotal other agricultural products	1,037	1,013	24	---	---
6811 meat, fresh, frozen	1	---	1	---	---
6817 meat, prepared	0	---	0	---	---
6822 dairy products	0	0	0	---	---
6839 animals & prod. nec	0	0	0	---	---
6856 bananas & plantains	350	350	---	---	---
6857 fruit & nuts nec	525	524	1	---	---
6858 fruit juices	17	9	8	---	---
6861 sugar	0	0	---	---	---
6871 coffee	0	0	---	---	---
6872 cocoa beans	102	101	0	---	---
6885 alcoholic beverages	2	2	0	---	---
6888 water & ice	0	0	---	---	---
6889 food products nec	22	11	11	---	---
6891 tobacco & products	5	3	2	---	---
6893 cotton	0	0	---	---	---
6894 natural fibers nec	0	---	0	---	---
6899 farm products nec	13	13	---	---	---
Total all manufactured equipment, machinery and products	56	28	27	---	---
7110 machinery (not elec)	28	12	16	---	---
7120 electrical machinery	9	7	2	---	---
7210 vehicles & parts	4	0	4	---	---
7220 aircraft & parts	0	0	---	---	---
7230 ships & boats	0	0	0	---	---
7400 manufac. wood prod.	5	5	0	---	---
7500 textile products	5	3	2	---	---
7600 rubber & plastic pr.	1	1	1	---	---
7900 manufac. prod. nec	3	1	3	---	---
Total unknown or not elsewhere classified	98	82	16	---	---
9900 unknown or nec	98	82	16	---	---

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Total, all commodities	2,133	224	468	470	889	82
Total petroleum and petroleum products	1,486	119	45	441	799	82
Subtotal petroleum products	1,486	119	45	441	799	82
2211 gasoline	189	9	7	174	---	---
2221 kerosene	9	---	---	9	---	---
2330 distillate fuel oil	250	15	22	83	129	2
2340 residual fuel oil	987	53	16	167	670	81
2350 lube oil & greases	0	---	---	0	---	---
2429 naphtha & solvents	8	---	---	8	---	---
2430 asphalt, tar & pitch	43	43	---	---	---	---
Total chemicals and related products	70	18	23	29	---	---
Subtotal other chemicals and related products	70	18	23	29	---	---
3212 benzene & toluene	13	---	---	13	---	---
3220 alcohols	16	---	---	16	---	---

DELAWARE RIVER AT CAMDEN, NJ (INCLUDED IN DELAWARE RIVER, PHILADELPHIA, PA TO THE SEA)
Freight Traffic, 2002 - continued
(thousand short tons)

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
3299 chem. products nec	41	18	23	—	—	—
Total crude materials, inedible except fuels	17	8	9	—	—	—
Subtotal forest products, wood and chips	1	1	—	—	—	—
4110 rubber & gums	1	1	—	—	—	—
4189 lumber	0	0	—	—	—	—
Subtotal pulp and waste paper	7	7	—	—	—	—
4225 pulp & waste paper	7	7	—	—	—	—
Subtotal iron ore and scrap	9	—	9	—	—	—
4420 iron & steel scrap	9	—	9	—	—	—
Total primary manufactured goods	252	5	157	—	90	—
Subtotal paper products	0	0	—	—	—	—
5190 paper products nec	0	0	—	—	—	—
Subtotal lime, cement and glass	248	0	157	—	90	—
5220 cement & concrete	247	—	157	—	90	—
5290 misc. mineral prod.	0	0	—	—	—	—
Subtotal primary non-ferrous metal products	4	4	—	—	—	—
5480 fab. metal products	4	4	—	—	—	—
Total food and farm products	146	51	95	0	—	—
Subtotal other agricultural products	146	51	95	0	—	—
6887 groceries	143	48	94	0	—	—
6888 water & ice	0	—	—	0	—	—
6889 food products nec	3	2	1	—	—	—
Total all manufactured equipment, machinery and products	160	23	136	—	—	—
7110 machinery (not elec)	1	0	0	—	—	—
7120 electrical machinery	1	1	—	—	—	—
7210 vehicles & parts	32	3	30	—	—	—
7300 ordnance & access.	0	—	0	—	—	—
7400 manufac. wood prod.	34	—	34	—	—	—
7500 textile products	0	0	0	—	—	—
7600 rubber & plastic pr.	1	1	—	—	—	—
7900 manufac. prod. nec	90	19	72	—	—	—
Total unknown or not elsewhere classified	2	—	2	—	—	—
9900 unknown or nec	2	—	2	—	—	—

*Includes 31,836 tons of foreign inbound in-transits; Includes 11,377 tons of foreign outbound in-transits.

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

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1993	120,824	1996	104,292	1999	111,241	2002	124,213
1994	120,692	1997	112,605	2000	123,850		
1995	121,422	1998	116,029	2001	125,250		

Freight Traffic, 2002 (thousand short tons)

Commodity	Total	Foreign				Canadian		
		Inbound*	Outbound*	Through		Inbound*	Outbound	Through Upbound
				Upbound*	Downbnd*			
Total, all commodities	81,383	72,767	1,046	2,855	584	3,647	117	366
Total coal	713	624	12	77	0	—	—	—
1100 coal lignite	713	624	12	77	0	—	—	—
1200 coal coke	0	0	0	—	0	—	—	—
Total petroleum and petroleum products	65,698	61,876	128	403	261	2,866	87	77
Subtotal crude petroleum	62,364	59,718	—	222	—	2,424	—	—
2100 crude petroleum	62,364	59,718	—	222	—	2,424	—	—
Subtotal petroleum products	3,334	2,158	128	181	261	442	87	77
2211 gasoline	323	265	—	15	0	28	—	15
2221 kerosene	0	—	—	—	0	—	—	—
2330 distillate fuel oil	279	117	32	—	0	54	76	—
2340 residual fuel oil	1,346	839	—	138	—	296	11	62
2350 lube oil & greases	141	42	59	—	1	39	—	—
2410 petro. jelly & waxes	38	34	4	0	0	—	—	—
2429 naphtha & solvents	827	758	1	16	35	16	—	—
2430 asphalt, tar & pitch	0	0	0	—	—	—	—	—
2540 petroleum coke	256	20	2	1	224	9	—	—
2640 liquid natural gas	123	82	31	11	0	—	—	—

DELAWARE RIVER, TRENTON, NJ TO THE SEA (CONSOLIDATED REPORT)
Freight Traffic, 2002 - continued
(thousand short tons)

Commodity	Total	Coastwise			
		Receipts	Shipments	Through	
				Upbound	Downbnd
Subtotal primary wood products	0	---	0	---	---
5540 primary wood prod.	0	---	0	---	---
Total food and farm products	680	66	118	---	496
Subtotal fish	1	1	---	---	---
6134 fish (not shellfish)	1	1	---	---	---
6136 shellfish	0	0	---	---	---
Subtotal grain	0	---	0	---	---
6344 corn	0	---	0	---	---
6442 rice	0	---	0	---	---
Subtotal oilseeds	0	0	0	---	---
6590 oilseeds nec	0	0	0	---	---
Subtotal vegetable products	3	2	2	---	---
6654 vegetables & prod.	3	2	2	---	---
Subtotal processed grain and animal feed	1	0	1	---	---
6746 wheat flour	0	---	0	---	---
6747 grain mill products	1	0	1	---	---
6782 animal feed, prep.	1	0	0	---	---
Subtotal other agricultural products	674	63	115	---	496
6811 meat, fresh, frozen	1	0	1	---	---
6817 meat, prepared	1	---	1	---	---
6822 dairy products	2	---	2	---	---
6835 fish, prepared	7	7	---	---	---
6839 animals & prod. nec	1	---	1	---	---
6857 fruit & nuts nec	1	0	0	---	---
6858 fruit juices	1	0	1	---	---
6861 sugar	0	---	0	---	---
6872 cocoa beans	1	1	---	---	---
6885 alcoholic beverages	0	0	0	---	---
6887 groceries	149	48	100	---	---
6888 water & ice	0	0	0	---	---
6889 food products nec	509	5	8	---	496
6891 tobacco & products	0	0	0	---	---
6893 cotton	1	1	0	---	---
Total all manufactured equipment, machinery and products	185	28	152	2	3
7110 machinery (not elec)	2	1	1	---	---
7120 electrical machinery	2	2	0	---	---
7210 vehicles & parts	33	3	30	---	---
7300 ordnance & access.	0	---	0	---	---
7400 manufac. wood prod.	35	0	35	---	---
7500 textile products	2	0	1	---	---
7600 rubber & plastic pr.	2	1	1	---	---
7800 empty containers	0	0	0	---	---
7900 manufac. prod. nec	110	21	84	2	3
Total waste and scrap nec	0	0	0	---	---
8900 waste and scrap nec	0	0	0	---	---
Total unknown or not elsewhere classified	12	4	8	---	0
9900 unknown or nec	12	4	8	---	0
Ton-miles (x1000)	1,351,193	261,538	575,518	113,217	400,920
Coastwise					

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	25,765	2,657	984	1,043	2,484	59	857	16,196	1,485
Total coal	1,234	1,183	---	---	---	---	---	---	51
1100 coal lignite	1,234	1,183	---	---	---	---	---	---	51
Total petroleum and petroleum products	22,789	906	979	948	1,961	59	844	15,913	1,178
Subtotal crude petroleum	14,600	---	---	---	---	---	---	14,600	---
2100 crude petroleum	14,600	---	---	---	---	---	---	14,600	---
Subtotal petroleum products	8,189	906	979	948	1,961	59	844	1,313	1,178
2211 gasoline	2,475	274	24	293	553	11	406	676	237
2221 kerosene	42	4	---	4	2	---	4	23	5
2330 distillate fuel oil	2,267	209	497	426	275	35	123	415	286
2340 residual fuel oil	2,594	387	454	157	499	12	308	140	637
2350 lube oil & greases	7	---	---	---	0	---	---	2	5
2429 naphtha & solvents	103	30	4	21	7	---	4	29	9
2430 asphalt, tar & pitch	702	2	---	47	625	---	---	28	---

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
1993	9,119	1996	6,476	1999	6,624	2002	6,501
1994	8,725	1997	6,993	2000	5,847		
1995	7,796	1998	7,508	2001	6,204		

Freight Traffic, 2002 (thousand short tons)

Commodity	Total	Foreign		Canadian
		Inbound	Outbound	Inbound
Total, all commodities	216	108	13	95
Total petroleum and petroleum products	41	26	---	15
Subtotal petroleum products	41	26	---	15
2211 gasoline	30	15	---	15
2640 liquid natural gas	11	11	---	---
Total chemicals and related products	162	82	---	80
Subtotal other chemicals and related products	162	82	---	80
3212 benzene & toluene	125	46	---	78
3260 organic comp. nec	36	36	---	---
3282 pigments & paints	2	---	---	2
Total crude materials, inedible except fuels	13	---	13	---
Subtotal sulphur, clay and salt	13	---	13	---
4741 sulphur, (dry)	13	---	13	---
Ton-miles (x1000)	862	430	51	381
Foreign & Canadian				

Commodity	Total	Domestic					
		Coastwise		Internal			
		Receipts	Shipments	Inbound Upbound	Outbound Downbnd	Intra	
				Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	6,286	64	2,404	1,124	2,416	254	23
Total petroleum and petroleum products	5,614	58	2,404	1,029	1,855	245	23
Subtotal crude petroleum	50	---	50	---	---	---	---
2100 crude petroleum	50	---	50	---	---	---	---
Subtotal petroleum products	5,564	58	2,353	1,029	1,855	245	23
2211 gasoline	922	19	229	305	280	90	---
2221 kerosene	12	---	---	4	8	---	---
2330 distillate fuel oil	1,359	---	48	474	720	99	17
2340 residual fuel oil	3,084	2	2,060	179	816	20	6
2350 lube oil & greases	0	---	---	0	---	---	---
2429 naphtha & solvents	104	---	16	21	31	36	---
2430 asphalt, tar & pitch	84	37	---	47	---	---	---
Total chemicals and related products	671	7	---	95	561	9	---
Subtotal other chemicals and related products	671	7	---	95	561	9	---
3212 benzene & toluene	32	---	---	19	8	5	---
3219 other hydrocarbons	592	---	---	44	548	---	---
3220 alcohols	9	---	---	4	5	---	---
3297 chemical additives	38	7	---	28	---	4	---
Total food and farm products	0	---	---	---	0	---	---
Subtotal other agricultural products	0	---	---	---	0	---	---
6887 groceries	0	---	---	---	0	---	---
Ton-miles (x1000)	23,721	212	9,376	4,305	9,373	431	23
Domestic							
Tons All Traffic (x1000)	6,501						
Ton-miles All Traffic (x1000)	24,583						
Total Trip-ton-miles Internal and Intraport (x1000)	132,574						

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
1993	42,708	1996	41,882	1999	39,271	2002	34,101
1994	40,746	1997	44,968	2000	40,824		
1995	40,634	1998	47,466	2001	46,372		

Freight Traffic, 2002 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound
Total, all commodities	20,381	19,759	278	314	30
Total petroleum and petroleum products	16,253	16,077	2	174	---
Subtotal crude petroleum	15,823	15,680	---	143	---
2100 crude petroleum	15,823	15,680	---	143	---
Subtotal petroleum products	430	398	2	31	---
2211 gasoline	110	95	---	15	---
2330 distillate fuel oil	0	---	0	---	---
2350 lube oil & greases	7	5	1	---	---
2410 petro. jelly & waxes	31	31	0	---	---
2429 naphtha & solvents	271	256	0	16	---
2430 asphalt, tar & pitch	0	---	0	---	---
2540 petroleum coke	0	---	0	---	---
2640 liquid natural gas	11	11	---	---	---
Total chemicals and related products	512	374	54	84	---
Subtotal fertilizers	68	68	0	---	---
3110 nitrogenous fert.	68	68	0	---	---
3190 fert. & mixes nec	0	0	0	---	---
Subtotal other chemicals and related products	444	306	54	84	---
3211 acyclic hydrocarbons	0	---	0	---	---
3212 benzene & toluene	164	82	0	83	---
3219 other hydrocarbons	10	1	10	---	---
3220 alcohols	49	32	17	---	---
3230 carboxylic acids	38	30	7	---	---
3240 nitrogen func. comp.	2	1	0	---	---
3250 organo - inorg. comp.	0	0	0	---	---
3260 organic comp. nec	62	62	0	---	---
3272 sulphuric acid	0	0	0	---	---
3273 ammonia	0	---	0	---	---
3274 sodium hydroxide	21	21	0	---	---
3275 inorg. elem., oxides, & halogen salts	7	5	2	---	---
3276 metallic salts	4	4	1	---	---
3279 inorganic chem. nec	0	0	0	---	---
3281 radioactive material	0	0	0	---	---
3282 pigments & paints	4	1	1	2	---
3283 coloring mat. nec	0	0	0	---	---
3284 medicines	1	0	1	---	---
3285 perfumes & cleansers	4	3	1	---	---
3286 plastics	17	7	10	---	---
3291 pesticides	0	0	0	---	---
3292 starches, gluten, glue	51	50	0	---	---
3293 explosives	0	0	0	---	---
3297 chemical additives	0	0	0	---	---
3298 wood & resin chem.	2	2	---	---	---
3299 chem. products nec	6	4	2	---	---
Total crude materials, inedible except fuels	182	124	28	---	29
Subtotal forest products, wood and chips	68	66	2	---	---
4110 rubber & gums	0	---	0	---	---
4150 fuel wood	4	4	---	---	---
4170 wood in the rough	6	6	0	---	---
4189 lumber	55	53	2	---	---
4190 forest products nec	3	3	1	---	---
Subtotal pulp and waste paper	76	35	11	---	29
4225 pulp & waste paper	76	35	11	---	29
Subtotal soil, sand, gravel, rock and stone	1	1	0	---	---
4310 building stone	0	0	0	---	---
4322 limestone	0	---	0	---	---
4323 gypsum	0	---	0	---	---
4331 sand & gravel	0	0	---	---	---
Subtotal iron ore and scrap	0	---	0	---	---
4420 iron & steel scrap	0	---	0	---	---
Subtotal marine shells	0	0	---	---	---
4515 marine shells	0	0	---	---	---
Subtotal non-ferrous ores and scrap	2	1	1	---	---
4630 copper ore	0	---	0	---	---
4650 aluminum ore	1	---	1	---	---
4680 non-ferrous scrap	0	---	0	---	---
4690 non-ferrous ores nec	1	1	0	---	---
Subtotal sulphur, clay and salt	14	1	13	---	---
4741 sulphur, (dry)	13	---	13	---	---
4782 clay & refrac. mat.	1	1	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, 2002 - continued
 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound
Subtotal slag	0	0	---	---	---
4860 slag	0	0	---	---	---
Subtotal other non-metal. min.	22	20	1	---	---
4900 non-metal. min. nec	22	20	1	---	---
Total primary manufactured goods	1,976	1,849	73	55	0
Subtotal paper products	547	432	60	55	0
5110 newsprint	83	27	0	55	---
5120 paper & paperboard	454	395	59	---	0
5190 paper products nec	10	10	1	---	---
Subtotal lime, cement and glass	12	7	4	---	---
5220 cement & concrete	0	---	0	---	---
5240 glass & glass prod.	7	4	3	---	---
5290 misc. mineral prod.	5	3	2	---	---
Subtotal primary iron and steel products	1,334	1,332	2	---	---
5312 pig iron	1	0	0	---	---
5315 ferro alloys	2	2	0	---	---
5320 i&s primary forms	1,184	1,183	0	---	---
5330 i&s plates & sheets	88	87	0	---	---
5360 i&s bars & shapes	44	43	0	---	---
5370 i&s pipe & tube	11	11	0	---	---
5390 primary i&s nec	5	5	0	---	---
Subtotal primary non-ferrous metal products	46	40	6	---	---
5421 copper	4	4	0	---	---
5422 aluminum	3	2	0	---	---
5429 smelted prod. nec	3	3	0	---	---
5480 fab. metal products	36	30	5	---	---
Subtotal primary wood products	38	37	0	---	---
5540 primary wood prod.	38	37	0	---	---
Total food and farm products	1,229	1,202	26	0	0
Subtotal fish	13	12	1	---	---
6134 fish (not shellfish)	8	7	1	---	---
6136 shellfish	5	5	1	---	---
Subtotal grain	9	9	---	---	---
6344 corn	8	8	---	---	---
6442 rice	1	1	---	---	---
6447 sorghum grains	1	1	---	---	---
Subtotal oilseeds	11	11	0	---	---
6521 peanuts	1	1	---	---	---
6522 soybeans	7	7	0	---	---
6534 flaxseed	0	0	---	---	---
6590 oilseeds nec	2	2	0	---	---
Subtotal vegetable products	48	46	2	0	---
6653 vegetable oils	0	0	0	---	---
6654 vegetables & prod.	48	45	2	0	---
Subtotal processed grain and animal feed	8	6	2	0	---
6746 wheat flour	0	---	0	---	---
6747 grain mill products	1	0	0	---	---
6781 hay & fodder	0	0	0	---	---
6782 animal feed, prep.	7	6	1	0	---
Subtotal other agricultural products	1,140	1,118	21	0	0
6811 meat, fresh, frozen	344	329	15	---	0
6817 meat, prepared	19	19	1	---	---
6822 dairy products	135	135	0	---	---
6835 fish, prepared	5	5	---	---	---
6838 tallow, animal oils	0	0	0	---	---
6839 animals & prod. nec	9	9	1	---	---
6856 bananas & plantains	167	167	---	---	---
6857 fruit & nuts nec	207	207	0	---	---
6858 fruit juices	26	25	0	---	---
6861 sugar	2	2	0	---	---
6865 molasses	5	5	---	---	---
6871 coffee	9	9	0	---	---
6872 cocoa beans	107	107	0	---	---
6885 alcoholic beverages	56	56	0	---	---
6888 water & ice	7	7	0	---	---
6889 food products nec	38	35	3	0	---
6891 tobacco & products	0	0	---	---	---
6893 cotton	0	0	---	---	---
6899 farm products nec	3	2	0	0	---
Total all manufactured equipment, machinery and products	183	94	89	---	0
7110 machinery (not elec)	30	14	16	---	---
7120 electrical machinery	51	7	45	---	---
7210 vehicles & parts	21	18	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, 2002 - continued
 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound
7220 aircraft & parts	0	0	0	—	—
7230 ships & boats	0	0	0	—	0
7300 ordnance & access.	0	0	—	—	—
7400 manufac. wood prod.	5	4	1	—	—
7500 textile products	13	10	3	—	—
7600 rubber & plastic pr.	15	10	5	—	—
7900 manufac. prod. nec	48	30	18	—	—
Total unknown or not elsewhere classified	45	40	5	0	—
9900 unknown or nec	45	40	5	0	—

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Total, all commodities	13,720	757	2,577	7,147	2,175	1,064
Total coal	12	—	—	—	12	—
1100 coal lignite	12	—	—	—	12	—
Total petroleum and petroleum products	11,908	319	2,443	6,921	1,874	350
Subtotal crude petroleum	5,639	—	50	5,589	—	—
2100 crude petroleum	5,639	—	50	5,589	—	—
Subtotal petroleum products	6,269	319	2,393	1,332	1,874	350
2211 gasoline	1,078	134	235	317	287	105
2221 kerosene	31	19	—	4	8	—
2330 distillate fuel oil	1,551	101	49	548	685	169
2340 residual fuel oil	3,402	27	2,094	382	860	38
2350 lube oil & greases	7	—	0	2	4	2
2429 naphtha & solvents	104	—	16	21	31	36
2430 asphalt, tar & pitch	96	37	—	59	—	—
2540 petroleum coke	0	—	0	—	—	—
2640 liquid natural gas	0	0	0	—	—	—
Total chemicals and related products	1,708	413	83	227	276	710
Subtotal fertilizers	7	6	1	—	—	—
3110 nitrogenous fert.	7	6	1	—	—	—
Subtotal other chemicals and related products	1,700	407	81	227	276	710
3211 acyclic hydrocarbons	0	0	—	—	—	—
3212 benzene & toluene	34	—	—	21	8	5
3219 other hydrocarbons	709	—	0	161	—	548
3220 alcohols	297	14	10	9	258	5
3230 carboxylic acids	1	0	1	—	—	—
3240 nitrogen func. comp.	0	—	0	—	—	—
3260 organic comp. nec	211	—	63	—	—	148
3272 sulphuric acid	0	—	0	—	—	—
3274 sodium hydroxide	99	91	1	—	7	—
3275 inorg. elem., oxides, & halogen salts	2	2	0	—	—	—
3276 metallic salts	0	0	0	—	—	—
3279 inorganic chem. nec	0	—	0	—	—	—
3282 pigments & paints	0	0	0	—	—	—
3283 coloring mat. nec	0	—	0	—	—	—
3284 medicines	6	5	1	—	—	—
3285 perfumes & cleansers	3	0	3	—	—	—
3286 plastics	1	—	1	—	—	—
3291 pesticides	0	0	—	—	—	—
3292 starches, gluten, glue	0	—	0	—	—	—
3297 chemical additives	333	292	—	35	2	4
3299 chem. products nec	3	3	0	—	—	—
Total crude materials, inedible except fuels	2	0	1	—	1	—
Subtotal forest products, wood and chips	0	0	0	—	—	—
4110 rubber & gums	0	0	—	—	—	—
4161 wood chips	0	—	0	—	—	—
4190 forest products nec	0	—	0	—	—	—
Subtotal soil, sand, gravel, rock and stone	1	—	0	—	1	—
4322 limestone	0	—	0	—	—	—
4331 sand & gravel	1	—	0	—	1	—
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	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	7	1	6	—	—	—
Subtotal paper products	4	1	4	—	—	—
5110 newsprint	0	—	0	—	—	—
5120 paper & paperboard	2	—	2	—	—	—

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, 2002 - continued
 (thousand short tons)

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
5190 paper products nec	2	1	1	—	—	—
Subtotal lime, cement and glass	1	0	1	—	—	—
5220 cement & concrete	0	—	0	—	—	—
5240 glass & glass prod.	0	0	0	—	—	—
5290 misc. mineral prod.	0	0	0	—	—	—
Subtotal primary iron and steel products	1	—	1	—	—	—
5330 i&s plates & sheets	0	—	0	—	—	—
5360 i&s bars & shapes	0	—	0	—	—	—
5370 i&s pipe & tube	1	—	1	—	—	—
5390 primary i&s nec	0	—	0	—	—	—
Subtotal primary non-ferrous metal products	1	0	1	—	—	—
5421 copper	0	0	0	—	—	—
5422 aluminum	0	—	0	—	—	—
5480 fab. metal products	1	0	0	—	—	—
Subtotal primary wood products	0	—	0	—	—	—
5540 primary wood prod.	0	—	0	—	—	—
Total food and farm products	53	16	23	—	12	3
Subtotal fish	1	1	—	—	—	—
6134 fish (not shellfish)	1	1	—	—	—	—
6136 shellfish	0	0	—	—	—	—
Subtotal grain	0	—	0	—	—	—
6344 corn	0	—	0	—	—	—
6442 rice	0	—	0	—	—	—
Subtotal oilseeds	0	0	0	—	—	—
6590 oilseeds nec	0	0	0	—	—	—
Subtotal vegetable products	3	2	2	—	—	—
6654 vegetables & prod.	3	2	2	—	—	—
Subtotal processed grain and animal feed	1	0	1	—	—	—
6746 wheat flour	0	—	0	—	—	—
6747 grain mill products	1	0	1	—	—	—
6782 animal feed, prep.	1	0	0	—	—	—
Subtotal other agricultural products	47	12	20	—	12	3
6811 meat, fresh, frozen	1	0	1	—	—	—
6817 meat, prepared	1	—	1	—	—	—
6822 dairy products	2	—	2	—	—	—
6835 fish, prepared	7	7	—	—	—	—
6839 animals & prod. nec	1	—	1	—	—	—
6857 fruit & nuts nec	1	0	0	—	—	—
6858 fruit juices	1	0	1	—	—	—
6861 sugar	0	—	0	—	—	—
6872 cocoa beans	1	1	—	—	—	—
6885 alcoholic beverages	0	0	0	—	—	—
6887 groceries	9	0	6	—	2	1
6888 water & ice	12	0	0	—	9	3
6889 food products nec	10	3	7	—	—	—
6891 tobacco & products	0	0	0	—	—	—
6893 cotton	1	1	0	—	—	—
Total all manufactured equipment, machinery and products	20	4	16	0	0	—
7110 machinery (not elec)	1	0	1	—	—	—
7120 electrical machinery	1	1	0	—	—	—
7210 vehicles & parts	0	0	0	—	—	—
7400 manufac. wood prod.	0	0	0	—	—	—
7500 textile products	2	0	1	—	—	—
7600 rubber & plastic pr.	1	0	1	—	—	—
7800 empty containers	0	0	0	—	—	—
7900 manufac. prod. nec	15	2	12	0	0	—
Total waste and scrap nec	0	0	0	—	—	—
8900 waste and scrap nec	0	0	0	—	—	—
Total unknown or not elsewhere classified	10	4	6	—	—	—
9900 unknown or nec	10	4	6	—	—	—

*Includes 270,358 tons of foreign inbound in-transits; Includes 28,414 tons of foreign outbound in-transits;
 Includes 375 tons of Canadian inbound in-transits.

TRENTON HARBOR, NJ (INCLUDED IN DELAWARE RIVER BETWEEN PHILADELPHIA,PA AND TRENTON,NJ)

Section Included: Oil terminals at Duck Island to Ferry Street, Trenton, NJ, 3.4 miles. Controlling Depth: In middle half of channel: Duck Island to Trenton Marine Terminal, in July 1988, 11.4 feet, and thence to Pennsylvania R. R. Bridge at Trenton in July 1988, 10.7 feet. Project Depth: Duck Island to Trenton Marine Terminal 25 feet authorized but deferred; thence to Pennsylvania R.R. bridge, 12 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1993	837	1996	842	1999	1,527	2002	1,008
1994	848	1997	1,124	2000	1,574		
1995	964	1998	1,307	2001	1,373		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Domestic
		Internal Receipts
Total, all commodities	1,008	1,008
Total coal	701	701
1100 coal lignite	701	701
Total petroleum and petroleum products	258	258
Subtotal petroleum products	258	258
2211 gasoline	211	211
2330 distillate fuel oil	47	47
Total chemicals and related products	50	50
Subtotal other chemicals and related products	50	50
3212 benzene & toluene	10	10
3297 chemical additives	40	40

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
1993	4,106	1996	4,324	1999	5,369	2002	4,483
1994	4,503	1997	4,401	2000	5,174		
1995	4,273	1998	4,998	2001	6,420		

Freight Traffic, 2002 (thousand short tons)

Commodity	Total	Foreign		Canadian
		Inbound*	Outbound*	Inbound
Total, all commodities	3,496	2,707	518	270
Total coal	38	38	0	—
1100 coal lignite	38	38	0	—
1200 coal coke	0	—	0	—
Total petroleum and petroleum products	699	377	260	62
Subtotal crude petroleum	222	222	—	—
2100 crude petroleum	222	222	—	—
Subtotal petroleum products	476	155	260	62
2221 kerosene	0	—	0	—
2340 residual fuel oil	200	138	—	62
2350 lube oil & greases	1	—	1	—
2410 petro. jelly & waxes	0	0	0	—
2429 naphtha & solvents	52	16	35	—
2540 petroleum coke	224	—	224	—
Total chemicals and related products	88	72	16	—
Subtotal fertilizers	37	36	0	—
3110 nitrogenous fert.	24	24	—	—
3130 potassic fert.	0	0	—	—
3190 fert. & mixes nec	12	12	0	—
Subtotal other chemicals and related products	51	36	15	—
3219 other hydrocarbons	0	0	0	—
3220 alcohols	0	—	0	—
3230 carboxylic acids	4	3	0	—
3240 nitrogen func. comp.	0	—	0	—
3250 organo - inorg. comp.	0	—	0	—
3260 organic comp. nec	0	—	0	—
3274 sodium hydroxide	0	—	0	—

WILMINGTON HARBOR, DE
Freight Traffic, 2002 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian
		Inbound*	Outbound*	Inbound
3275 inorg. elem., oxides, & halogen salts	3	3	1	—
3276 metallic salts	28	24	3	—
3279 inorganic chem. nec	0	—	0	—
3282 pigments & paints	1	—	1	—
3283 coloring mat. nec	0	—	0	—
3284 medicines	0	0	0	—
3285 perfumes & cleansers	4	2	2	—
3286 plastics	9	3	6	—
3291 pesticides	0	—	0	—
3292 starches, gluten, glue	1	—	1	—
3299 chem. products nec	1	0	1	—
Total crude materials, inedible except fuels	499	288	13	199
Subtotal forest products, wood and chips	8	1	2	6
4170 wood in the rough	0	—	0	—
4189 lumber	8	0	1	6
4190 forest products nec	0	0	0	—
Subtotal pulp and waste paper	7	0	6	—
4225 pulp & waste paper	7	0	6	—
Subtotal soil, sand, gravel, rock and stone	260	67	0	193
4310 building stone	0	—	0	—
4322 limestone	0	—	0	—
4323 gypsum	260	67	0	193
4331 sand & gravel	0	—	0	—
Subtotal iron ore and scrap	6	6	0	—
4410 iron ore	6	6	—	—
4420 iron & steel scrap	0	0	0	—
Subtotal marine shells	1	1	—	—
4515 marine shells	1	1	—	—
Subtotal non-ferrous ores and scrap	22	22	—	—
4670 manganese ore	3	3	—	—
4690 non-ferrous ores nec	19	19	—	—
Subtotal sulphur, clay and salt	32	32	—	—
4782 clay & refrac. mat.	32	32	—	—
Subtotal other non-metal. min.	165	161	5	—
4900 non-metal. min. nec	165	161	5	—
Total primary manufactured goods	181	143	38	—
Subtotal paper products	34	0	34	—
5110 newsprint	1	—	1	—
5120 paper & paperboard	30	0	30	—
5190 paper products nec	3	0	3	—
Subtotal lime, cement and glass	1	0	1	—
5210 lime	0	—	0	—
5220 cement & concrete	0	—	0	—
5240 glass & glass prod.	0	0	0	—
5290 misc. mineral prod.	0	0	0	—
Subtotal primary iron and steel products	137	136	1	—
5315 ferro alloys	6	6	—	—
5320 i&s primary forms	12	12	0	—
5330 i&s plates & sheets	17	17	0	—
5360 i&s bars & shapes	101	101	0	—
5370 i&s pipe & tube	1	1	0	—
5390 primary i&s nec	0	0	0	—
Subtotal primary non-ferrous metal products	8	6	2	—
5421 copper	0	—	0	—
5422 aluminum	0	0	0	—
5429 smelted prod. nec	3	3	0	—
5480 fab. metal products	5	3	2	—
Subtotal primary wood products	1	0	1	—
5540 primary wood prod.	1	0	1	—
Total food and farm products	1,658	1,606	52	—
Subtotal fish	10	10	0	—
6134 fish (not shellfish)	7	7	—	—
6136 shellfish	2	2	0	—
Subtotal grain	2	1	0	—
6344 corn	1	1	0	—
6442 rice	0	—	0	—
6443 barley & rye	0	—	0	—
6445 oats	0	—	0	—
Subtotal oilseeds	0	—	0	—
6534 flaxseed	0	—	0	—
6590 oilseeds nec	0	—	0	—
Subtotal vegetable products	68	56	12	—
6653 vegetable oils	1	—	1	—
6654 vegetables & prod.	67	56	11	—
Subtotal processed grain and animal feed	10	0	9	—
6746 wheat flour	0	—	0	—
6747 grain mill products	2	0	2	—
6781 hay & fodder	0	—	0	—
6782 animal feed, prep.	8	—	8	—
Subtotal other agricultural products	1,568	1,539	30	—
6811 meat, fresh, frozen	160	155	6	—
6817 meat, prepared	0	0	0	—
6822 dairy products	4	0	4	—

WILMINGTON HARBOR, DE
Freight Traffic, 2002 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian
		Inbound*	Outbound*	Inbound
6835 fish, prepared	0	0	—	—
6838 tallow, animal oils	0	—	0	—
6839 animals & prod. nec	5	5	0	—
6856 bananas & plantains	1,004	999	6	—
6857 fruit & nuts nec	235	233	2	—
6858 fruit juices	145	144	0	—
6871 coffee	0	0	0	—
6872 cocoa beans	1	1	0	—
6885 alcoholic beverages	1	—	1	—
6888 water & ice	0	—	0	—
6889 food products nec	11	1	10	—
6891 tobacco & products	1	—	1	—
6894 natural fibers nec	0	—	0	—
6899 farm products nec	1	1	0	—
Total all manufactured equipment, machinery and products	296	168	128	—
7110 machinery (not elec)	7	1	6	—
7120 electrical machinery	3	1	2	—
7210 vehicles & parts	264	159	105	—
7220 aircraft & parts	0	0	0	—
7230 ships & boats	0	0	0	—
7400 manufac. wood prod.	2	2	0	—
7500 textile products	10	2	9	—
7600 rubber & plastic pr.	3	0	3	—
7900 manufac. prod. nec	7	3	4	—
Total unknown or not elsewhere classified	37	15	12	10
9900 unknown or nec	37	15	12	10

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Inraport
Total, all commodities	987	190	74	367	330	26
Total petroleum and petroleum products	929	138	74	362	330	26
Subtotal petroleum products	929	138	74	362	330	26
2211 gasoline	5	—	—	5	—	—
2330 distillate fuel oil	224	3	17	143	60	1
2340 residual fuel oil	700	135	56	214	270	26
2350 lube oil & greases	0	—	—	0	—	—
Total chemicals and related products	5	—	—	5	—	—
Subtotal other chemicals and related products	5	—	—	5	—	—
3220 alcohols	5	—	—	5	—	—
Total primary manufactured goods	52	52	—	—	—	—
Subtotal primary iron and steel products	52	52	—	—	—	—
5390 primary i&s nec	52	52	—	—	—	—
Total food and farm products	0	—	—	0	—	—
Subtotal other agricultural products	0	—	—	0	—	—
6887 groceries	0	—	—	0	—	—
Total unknown or not elsewhere classified	0	—	0	—	—	—
9900 unknown or nec	0	—	0	—	—	—

*Includes 87,762 tons of foreign inbound in-transits; Includes 26,413 tons of foreign outbound in-transits.

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
1993	14,533	1996	14,290	1999	14,556	2002	15,426
1994	13,634	1997	14,722	2000	15,043		
1995	12,815	1998	14,167	2001	16,712		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total*	Foreign		Domestic					
		Through		Total	Coastwise		Internal		
		Upbound	Downbnd		Upbound	Downbnd	Downbnd	Upbound	Downbnd
				Upbound					
Total, all commodities	15,426	939	3,068	11,419	2,788	1,517	1	1,811	5,302
Total coal	2,637	45	8	2,584	1,401	—	—	1,183	—
1100 coal lignite	2,637	45	8	2,584	1,401	—	—	1,183	—
Total petroleum and petroleum products	4,999	165	441	4,393	560	1,075	0	603	2,154
Subtotal petroleum products	4,999	165	441	4,393	560	1,075	0	603	2,154
2211 gasoline	1,964	9	85	1,869	181	562	—	436	691
2221 kerosene	18	—	15	4	—	—	—	—	4
2330 distillate fuel oil	526	—	37	489	113	51	0	84	240
2340 residual fuel oil	1,049	9	—	1,040	179	203	—	75	583
2350 lube oil & greases	11	—	—	11	11	—	—	—	—
2410 petro. jelly & waxes	29	—	—	29	—	29	—	—	—
2429 naphtha & solvents	46	—	—	46	28	—	—	7	11
2430 asphalt, tar & pitch	1,305	139	262	905	48	230	—	2	625
2540 petroleum coke	17	5	12	—	—	—	—	—	—
2640 liquid natural gas	18	2	16	—	—	—	—	—	—
2990 petro. products nec	16	—	16	—	—	—	—	—	—
Total chemicals and related products	647	—	103	545	74	26	—	13	433
Subtotal other chemicals and related products	647	—	103	545	74	26	—	13	433
3212 benzene & toluene	16	—	—	16	—	—	—	5	10
3219 other hydrocarbons	44	—	—	44	11	—	—	—	32
3220 alcohols	270	—	—	270	11	—	—	6	253
3230 carboxylic acids	2	—	—	2	2	—	—	—	—
3272 sulphuric acid	11	—	—	11	—	—	—	1	10
3274 sodium hydroxide	71	—	—	71	46	18	—	—	7
3275 inorg. elem., oxides, & halogen salts	8	—	—	8	—	8	—	—	—
3276 metallic salts	116	—	—	116	4	—	—	—	112
3297 chemical additives	8	—	—	8	—	—	—	—	8
3299 chem. products nec	103	—	103	—	—	—	—	—	—
Total crude materials, inedible except fuels	3,848	147	988	2,713	76	—	—	12	2,626
Subtotal forest products, wood and chips	39	5	34	—	—	—	—	—	—
4110 rubber & gums	7	3	4	—	—	—	—	—	—
4189 lumber	25	2	23	—	—	—	—	—	—
4190 forest products nec	8	—	8	—	—	—	—	—	—
Subtotal pulp and waste paper	3	—	3	—	—	—	—	—	—
4225 pulp & waste paper	3	—	3	—	—	—	—	—	—
Subtotal soil, sand, gravel, rock and stone	3,707	66	928	2,713	76	—	—	12	2,626
4322 limestone	76	—	—	76	76	—	—	—	—
4323 gypsum	988	61	928	—	—	—	—	—	—
4331 sand & gravel	2,643	6	—	2,638	—	—	—	12	2,626
Subtotal iron ore and scrap	17	—	17	—	—	—	—	—	—
4410 iron ore	17	—	17	—	—	—	—	—	—
Subtotal non-ferrous ores and scrap	79	72	6	—	—	—	—	—	—
4670 manganese ore	3	—	3	—	—	—	—	—	—
4680 non-ferrous scrap	2	—	2	—	—	—	—	—	—
4690 non-ferrous ores nec	74	72	1	—	—	—	—	—	—
Subtotal other non-metal. min.	3	3	—	—	—	—	—	—	—
4900 non-metal. min. nec	3	3	—	—	—	—	—	—	—
Total primary manufactured goods	825	52	90	683	179	414	—	—	90
Subtotal paper products	16	6	11	—	—	—	—	—	—
5190 paper products nec	16	6	11	—	—	—	—	—	—
Subtotal lime, cement and glass	643	—	12	631	128	413	—	—	90
5220 cement & concrete	643	—	12	631	128	413	—	—	90
Subtotal primary iron and steel products	68	18	—	51	51	—	—	—	—
5315 ferro alloys	18	18	—	—	—	—	—	—	—
5390 primary i&s nec	51	—	—	51	51	—	—	—	—
Subtotal primary non-ferrous metal products	97	29	67	2	1	1	—	—	—
5422 aluminum	11	—	11	—	—	—	—	—	—

INLAND WATERWAY FROM DELAWARE RIVER TO CHESAPEAKE BAY, DE AND MD - CHESAPEAKE AND DELAWARE CANAL
 Freight Traffic, 2002 - continued
 (thousand short tons)

Commodity	Grand Total*	Foreign		Domestic					
		Through		Total	Coastwise		Internal		
		Upbound	Downbnd		Through		Inbound Downbnd	Through	
				Upbound	Downbnd	Downbnd		Upbound	Downbnd
5429 smelted prod. nec	21	5	16	—	—	—	—	—	—
5480 fab. metal products	65	24	40	2	1	1	—	—	—
Total food and farm products	526	30	—	496	496	—	0	—	—
Subtotal other agricultural products	526	30	—	496	496	—	0	—	—
6865 molasses	30	30	—	—	—	—	—	—	—
6887 groceries	0	—	—	0	—	—	0	—	—
6888 water & ice	0	—	—	0	—	—	0	—	—
6889 food products nec	496	—	—	496	496	—	—	—	—
Total all manufactured equipment, machinery and products	1,943	501	1,438	5	3	2	—	—	—
7110 machinery (not elec)	17	7	10	—	—	—	—	—	—
7210 vehicles & parts	586	165	421	—	—	—	—	—	—
7600 rubber & plastic pr.	14	4	10	—	—	—	—	—	—
7900 manufac. prod. nec	1,326	325	996	5	3	2	—	—	—
Ton-miles (x1000)	709,290	43,208	141,127	524,965	128,098	69,638	24	83,305	243,890
Tons All Traffic (x1000)		15,426							
Ton-miles All Traffic (x1000)		709,300							
Total Trip-ton-miles internal and intraport (x1000)		327,219							

*Totals have been adjusted to reflect modifications to internal tonnage assignments

Other Harbors and Waterways 2002

Harbor or Waterway Project	Commodity	Thousand Short Tons
ABSECON CREEK, NJ	No Commerce Reported	
ABSECON INLET, NJ	No Commerce Reported	
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	4331 sand & gravel 5480 fab. metal products	7 0
	Total Tons(x1000)	7
	Total Ton-miles(x1000)	7
	Total Trip-ton-miles Internal and Intraport(x1000)	725
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	No Commerce Reported	
MURDERKILL RIVER, DE	No Commerce Reported	
NEW JERSEY INTRACOASTAL WATERWAY	4331 sand & gravel 5480 fab. metal products	7 0
	Total Tons(x1000)	7
	Total Ton-miles(x1000)	8
	Total Trip-ton-miles Internal and Intraport(x1000)	725
OLDMANS CREEK, NJ	No Commerce Reported	

Other Harbors and Waterways 2002 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
PEPPER CREEK, DE	No Commerce Reported	
RACoon CREEK, NJ	No Commerce Reported	
SALEM RIVER, NJ	1100 coal lignite	39
	2211 gasoline	0
	2330 distillate fuel oil	0
	2350 lube oil & greases	1
	2540 petroleum coke	1
	2640 liquid natural gas	0
	3110 nitrogenous fert.	0
	3190 fert. & mixes nec	1
	3211 acyclic hydrocarbons	0
	3219 other hydrocarbons	0
	3250 organo - inorg. comp.	0
	3260 organic comp. nec	0
	3272 sulphuric acid	0
	3274 sodium hydroxide	0
	3275 inorg. elem., oxides, & halogen salts	0
	3276 metallic salts	0
	3281 radioactive material	0
	3282 pigments & paints	0
	3284 medicines	0
	3285 perfumes & cleansers	0
	3286 plastics	0
	3292 starches, gluten, glue	0
	3293 explosives	0
	3297 chemical additives	0
	3299 chem. products nec	1
	4150 fuel wood	0
	4189 lumber	1
	4310 building stone	0
	4323 gypsum	0
	4331 sand & gravel	0
	5120 paper & paperboard	0
	5190 paper products nec	2
	5240 glass & glass prod.	0
	5290 misc. mineral prod.	2
	5320 i&s primary forms	0
	5330 i&s plates & sheets	0
	5360 i&s bars & shapes	0
	5370 i&s pipe & tube	0
	5421 copper	0
	5422 aluminum	0
	5480 fab. metal products	3
	5540 primary wood prod.	0
	6134 fish (not shellfish)	4
	6136 shellfish	0
	6442 rice	0
	6445 oats	0
	6653 vegetable oils	0
	6654 vegetables & prod.	1
	6746 wheat flour	1
	6747 grain mill products	2
	6781 hay & fodder	1
	6782 animal feed, prep.	2
	6811 meat, fresh, frozen	2
	6822 dairy products	0
	6835 fish, prepared	0
	6838 tallow, animal oils	0
	6839 animals & prod. nec	1
	6856 bananas & plantains	0
	6857 fruit & nuts nec	0
	6858 fruit juices	2
	6861 sugar	0
	6871 coffee	0

Other Harbors and Waterways 2002 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
SALEM RIVER, NJ - continued	6885 alcoholic beverages	1
	6888 water & ice	1
	6889 food products nec	10
	6891 tobacco & products	0
	6899 farm products nec	0
	7110 machinery (not elec)	1
	7120 electrical machinery	1
	7210 vehicles & parts	1
	7230 ships & boats	0
	7400 manufac. wood prod.	0
	7500 textile products	0
	7600 rubber & plastic pr.	0
	7900 manufac. prod. nec	3
	9900 unknown or nec	7
	Total Tons(x1000)	94
	Total Ton-miles(x1000)	281
SMYRNA RIVER, DE	No Commerce Reported	
ST. JONES RIVER, DE	No Commerce Reported	
TOMS RIVER, 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
 Freight Traffic, 2002 - continued
 (thousand short tons)

Commodity	Total	Domestic					
		Coastwise		Internal			
		Receipts	Shipments	Inbound Upbound	Outbound Downbnd	Intra Upbound	Intra Downbnd
Total food and farm products	944	444	496	---	---	1	3
Subtotal other agricultural products	944	444	496	---	---	1	3
6861 sugar	444	444	---	---	---	---	---
6888 water & ice	4	---	---	---	---	1	3
6889 food products nec	496	---	496	---	---	---	---
Total all manufactured equipment, machinery and products	710	0	---	347	361	1	1
7110 machinery (not elec)	3	---	---	0	0	1	1
7500 textile products	0	0	---	---	---	---	---
7900 manufac. prod. nec	707	---	---	347	361	---	---
Ton-miles (x1000)	128,561	31,208	23,737	57,457	13,111	515	2,533
Domestic							
Tons All Traffic (x1000)	38,823						
Ton-miles All Traffic (x1000)	341,268						
Total Trip-ton-miles internal and intraport (x1000)	1,291,323						

*Includes 174,476 tons of foreign inbound in-transits; Includes 27,864 tons of foreign outbound in-transits;
 Includes 999 tons of Canadian inbound in-transits.

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
1993	1,425	1996	1,845	1999	2,523	2002	2,637
1994	1,986	1997	2,118	2000	2,459		
1995	2,111	1998	1,885	2001	3,089		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Domestic
		Internal Outbound Downbnd
Total, all commodities	2,637	2,637
Total crude materials, inedible except fuels	2,637	2,637
Subtotal soil, sand, gravel, rock and stone	2,637	2,637
4331 sand & gravel	2,637	2,637
Ton-miles (x1000)	19,582	19,582
Tons All Traffic (x1000)	2,637	
Ton-miles All Traffic (x1000)	19,582	
Total Trip-ton-miles internal and intraport (x1000)	322,959	

TRED AVON RIVER, MD

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1993	244	1996	211	1999	197	2002	257
1994	283	1997	183	2000	249		
1995	218	1998	139	2001	297		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Domestic
		Internal Inbound Upbound
Total, all commodities	257	257
Total crude materials, inedible except fuels	257	257
Subtotal soil, sand, gravel, rock and stone	257	257
4331 sand & gravel	257	257
Ton-miles (x1000)	2,571	2,571
Tons All Traffic (x1000)	257	
Ton-miles All Traffic (x1000)	2,571	
Total Trip-ton-miles internal and intraport (x1000)	23,907	

CHOPTANK RIVER, MD

Section Included: From mouth to Greensboro, MD. Controlling Depth: 6 feet to Denton and 3.5 feet to Greensboro. Project Depth: 8 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1993	248	1996	214	1999	245	2002	295
1994	292	1997	223	2000	272		
1995	233	1998	143	2001	335		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Internal	
		Inbound Upbound	Through Upbound
Total, all commodities	295	37	257
Total crude materials, inedible except fuels	295	37	257
Subtotal soil, sand, gravel, rock and stone	257	---	257
4331 sand & gravel	257	---	257
Subtotal marine shells	37	37	---
4515 marine shells	37	37	---
Ton-miles (x1000)	3,105	1,049	2,056
Tons All Traffic (x1000)	295		
Ton-miles All Traffic (x1000)	3,105		
Total Trip-ton-miles internal and intraport (x1000)	29,225		

NANTICOKE RIVER (INCLUDING NORTHWEST FORK), DE AND MD

Section Included: Nanticoke River from mouth to Seaford, DE, Northwest Fork from mouth to Federalsburg, MD. Controlling Depth: Nanticoke River, 11.5 feet to Hawks Nest shoal; 10.5 feet in Seaford, DE; Northwest Fork, 3 feet. Project 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
1993	466	1996	644	1999	1,011	2002	818
1994	529	1997	462	2000	1,056		
1995	541	1998	673	2001	1,162		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Domestic			
		Coastwise Receipts	Internal		Outbound Downbnd
			Inbound Upbound		
Total, all commodities	818	1	496	321	
Total petroleum and petroleum products	47	—	47	—	
Subtotal petroleum products	47	—	47	—	
2330 distillate fuel oil	10	—	10	—	
2340 residual fuel oil	37	—	37	—	
Total chemicals and related products	101	1	100	—	
Subtotal fertilizers	101	1	100	—	
3110 nitrogenous fert.	83	1	81	—	
3190 fert. & mixes nec	19	—	19	—	
Total crude materials, inedible except fuels	568	—	327	241	
Subtotal soil, sand, gravel, rock and stone	568	—	327	241	
4331 sand & gravel	568	—	327	241	
Total food and farm products	102	—	22	80	
Subtotal grain	37	—	22	15	
6241 wheat	22	—	10	12	
6344 corn	15	—	12	3	
Subtotal oilseeds	64	—	—	64	
6522 soybeans	64	—	—	64	
Ton-miles (x1000)	31,741	52	18,999	12,690	

Tons All Traffic (x1000) **818**
 Ton-miles All Traffic (x1000) **31,741**
 Total Trip-ton-miles internal and intraport (x1000) **129,398**

WICOMICO RIVER, MD (EASTERN SHORE)

Section Included: From mouth to Salisbury, MD. Controlling Depth: 12 feet in Main River; branch channels range from 2 to 10 feet; 6 feet to and in Boat Basin at Webster Cove. Project 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
1993	1,044	1996	1,179	1999	1,506	2002	1,817
1994	1,141	1997	1,165	2000	1,371		
1995	1,291	1998	1,267	2001	1,610		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Domestic			
		Coastwise Receipts	Internal		Outbound Downbnd
			Inbound Upbound		
Total, all commodities	1,817	12	1,741	65	
Total petroleum and petroleum products	824	8	817	—	
Subtotal petroleum products	824	8	817	—	
2211 gasoline	671	4	667	—	
2330 distillate fuel oil	154	4	150	—	
Total chemicals and related products	4	4	—	—	
Subtotal other chemicals and related products	4	4	—	—	
3220 alcohols	4	4	—	—	
Total crude materials, inedible except fuels	811	—	746	65	
Subtotal soil, sand, gravel, rock and stone	811	—	746	65	
4331 sand & gravel	811	—	746	65	

WICOMICO RIVER, MD (EASTERN SHORE)
Freight Traffic, 2002 - continued
(thousand short tons)

Commodity	Grand Total	Domestic		
		Coastwise Receipts	Internal	
			Inbound Upbound	Outbound Downbnd
Total food and farm products	178	—	178	—
Subtotal grain	148	—	148	—
6241 wheat	10	—	10	—
6344 corn	127	—	127	—
6443 barley & rye	10	—	10	—
Subtotal oilseeds	29	—	29	—
6522 soybeans	29	—	29	—
Subtotal vegetable products	2	—	2	—
6654 vegetables & prod.	2	—	2	—
Ton-miles (x1000)	44,932	277	43,022	1,633

Tons All Traffic (x1000) 1,817
 Ton-miles All Traffic (x1000) 44,932
 Total Trip-ton-miles internal and intraport (x1000) 245,978

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
1993	349	1996	383	1999	521	2002	369
1994	340	1997	431	2000	402		
1995	357	1998	398	2001	519		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Internal	
		Inbound	Outbound
		Upbound	Downbnd
Total, all commodities	369	127	242
Total crude materials, inedible except fuels	369	127	242
Subtotal forest products, wood and chips	242	—	242
4161 wood chips	242	—	242
Subtotal soil, sand, gravel, rock and stone	116	116	—
4331 sand & gravel	116	116	—
Subtotal slag	11	11	—
4860 slag	11	11	—
Ton-miles (x1000)	5,839	1,971	3,868

Tons All Traffic (x1000) 369
 Ton-miles All Traffic (x1000) 5,839
 Total Trip-ton-miles internal and intraport (x1000) 53,352

WASHINGTON HARBOR, DC

Section Included: Anacostia River, Washington Channel and Virginia Channel. Controlling Depth: 17 feet at Haines Point, Anacostia River, 14.4 feet from mouth to 11th Street, balance of river ranges from 6 to 20 feet; Washington Channel, 17 feet from Haines Point to 7th Street, 17 feet to 12th Street; Virginia, 11.4 feet from Giesboro Point to Key Bridge. Project Depth: 24 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1993	662	1996	747	1999	760	2002	557
1994	704	1997	706	2000	691		
1995	860	1998	607	2001	663		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Domestic
		Internal Receipts
Total, all commodities	557	557
Total petroleum and petroleum products	14	14
Subtotal petroleum products	14	14
2211 gasoline	14	14
Total crude materials, inedible except fuels	543	543
Subtotal soil, sand, gravel, rock and stone	543	543
4331 sand & gravel	543	543

ANACOSTIA RIVER, DC (INCLUDED IN WASHINGTON HARBOR DC)

Section Included: Mouth to Magruder Bridge, 6.6 miles. Controlling Depth: 14.4 feet to 11th Street Bridge, 2.1 miles upstream of mouth; balance of waterway ranges from 6 to 20 feet. Project Depth: 24 feet to Foot of 15th Street S. E.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1993	662	1996	747	1999	760	2002	557
1994	704	1997	706	2000	691		
1995	860	1998	607	2001	663		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Domestic
		Internal Inbound Upbound
Total, all commodities	557	557
Total petroleum and petroleum products	14	14
Subtotal petroleum products	14	14
2211 gasoline	14	14
Total crude materials, inedible except fuels	543	543
Subtotal soil, sand, gravel, rock and stone	543	543
4331 sand & gravel	543	543
Ton-miles (x1000)	1,101	1,101

Tons All Traffic (x1000) 557
 Ton-miles All Traffic (x1000) 1,101
 Total Trip-ton-miles internal and intraport (x1000) 29,768

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 20.9 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1993	2,725	1996	2,084	1999	3,799	2002	2,881
1994	3,247	1997	2,480	2000	2,902		
1995	2,433	1998	2,901	2001	3,687		

Freight Traffic, 2002 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound		Inbound	
Total, all commodities	100	98		3	
Total petroleum and petroleum products	65	65			
Subtotal petroleum products	65	65			
2340 residual fuel oil	65	65			
Total crude materials, inedible except fuels	33	33			
Subtotal other non-metal. min.	33	33			
4900 non-metal. min. nec	33	33			
Total primary manufactured goods	3			3	
Subtotal paper products	3			3	
5110 newsprint	3			3	
Ton-miles (x1000)	8,068	7,807		261	
Foreign & Canadian					

Commodity	Total	Domestic						
		Coastwise		Internal				
		Receipts	Shipments	Inbound Upbound	Outbound Downbnd	Through Upbound	Through Downbnd	Intra Upbound
Total, all commodities	2,781	125	139	458	556	1,044	192	267
Total petroleum and petroleum products	1,537	125	139	439	554	14		267
Subtotal petroleum products	1,537	125	139	439	554	14		267
2211 gasoline	163		10	10	123	14		6
2330 distillate fuel oil	216			70	125			22
2340 residual fuel oil	731	96	73	225	181			156
2430 asphalt, tar & pitch	427	29	57	134	124			84
Total crude materials, inedible except fuels	1,208			20	2	1,030	157	
Subtotal soil, sand, gravel, rock and stone	1,189				2	1,030	157	
4331 sand & gravel	1,189				2	1,030	157	
Subtotal marine shells	20			20				
4515 marine shells	20			20				
Total food and farm products	35							35
Subtotal grain	21							21
6241 wheat	10							10
6344 corn	10							10
6443 barley & rye	2							2
Subtotal oilseeds	14							14
6522 soybeans	14							14
Total all manufactured equipment, machinery and products	0				0			
7110 machinery (not elec)	0				0			
Ton-miles (x1000)	98,821	2,120	2,371	16,778	9,581	43,468	9,006	15,497
Domestic								
Tons All Traffic (x1000)								2,881
Ton-miles All Traffic (x1000)								106,889
Total Trip-ton-miles internal and intraport (x1000)								284,330

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
1993	174	1996	311	1999	440	2002	482
1994	151	1997	244	2000	512		
1995	195	1998	376	2001	695		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Domestic
		Inbound
		Upbound
Total, all commodities	482	482
Total crude materials, inedible except fuels	482	482
Subtotal soil, sand, gravel, rock and stone	482	482
4331 sand & gravel	482	482
Ton-miles (x1000)	2,885	2,885
Tons All Traffic (x1000)	482	
Ton-miles All Traffic (x1000)	2,885	
Total Trip-ton-miles internal and intraport (x1000)	35,367	

Other Harbors and Waterways 2002

Harbor or Waterway Project	Commodity	Thousand Short Tons
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	4331 sand & gravel	36
	Total Tons(x1000)	36
	Total Ton-miles(x1000)	215
	Total Trip-ton-miles Internal and Intraport(x1000)	4,741
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	No Commerce Reported	
CLAIBORNE HARBOR, MD	No Commerce Reported	
COAN RIVER, VA	No Commerce Reported	
CORSICA RIVER, MD	No Commerce Reported	
CRISFIELD HARBOR, MD	2211 gasoline	0
	2221 kerosene	0
	2330 distillate fuel oil	1
	Total Tons(x1000)	1
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	

Other Harbors and Waterways 2002 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
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	No Commerce Reported	
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	4331 sand & gravel	4
	Total Tons(x1000)	4
	Total Ton-miles(x1000)	51

Other Harbors and Waterways 2002 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
PARISH CREEK, MD	No Commerce Reported	
PATUXENT RIVER, MD	2211 gasoline 2330 distillate fuel oil Total Tons(x1000) Total Ton-miles(x1000) Total Trip-ton-miles Internal and Intraport(x1000)	49 6 <hr/> 56 111 8,002
POTOMAC RIVER AT ALEXANDRIA, VA	5110 newsprint Total Tons(x1000)	3 <hr/> 3
POTOMAC RIVER AT LOWER CEDAR POINT, MD	No Commerce Reported	
POTOMAC RIVER AT MT. VERNON, VA	No Commerce Reported	
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	2330 distillate fuel oil Total Tons(x1000) Total Ton-miles(x1000) Total Trip-ton-miles Internal and Intraport(x1000)	0 <hr/> 0 0 4
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	
TWITCH COVE AND BIG THOROUGHFARE RIVER, MD	2211 gasoline 2221 kerosene 2330 distillate fuel oil Total Tons(x1000) Total Ton-miles(x1000) Total Trip-ton-miles Internal and Intraport(x1000)	0 0 1 <hr/> 1 3 60

Other Harbors and Waterways 2002 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
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	
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
1993	46,802	1996	50,547	1999	41,618	2002	28,320
1994	46,815	1997	47,400	2000	43,032		
1995	48,803	1998	48,540	2001	37,983		

Totals above include thru traffic.

Freight Traffic, 2002 (thousand short tons)

Commodity	Total**	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound
Total, all commodities	21,073	7,946	12,316	758	53
Total coal	6,511	0	6,511	---	---
1100 coal lignite	6,450	---	6,450	---	---
1200 coal coke	62	0	62	---	---
Total petroleum and petroleum products	2,138	1,682	22	388	46
Subtotal crude petroleum	994	737	0	256	---
2100 crude petroleum	994	737	0	256	---
Subtotal petroleum products	1,144	945	21	132	46
2211 gasoline	10	10	0	---	---
2221 kerosene	0	---	0	---	---
2330 distillate fuel oil	0	0	0	---	---
2340 residual fuel oil	937	798	7	132	---
2350 lube oil & greases	5	1	4	---	---
2410 petro. jelly & waxes	1	0	1	---	---
2429 naphtha & solvents	57	53	5	---	---
2430 asphalt, tar & pitch	1	---	1	---	---
2540 petroleum coke	50	0	4	---	46
2640 liquid natural gas	82	82	1	---	---
Total chemicals and related products	2,152	696	1,402	54	---
Subtotal fertilizers	730	253	424	54	---
3110 nitrogenous fert.	646	229	417	---	---
3120 phosphatic fert.	0	0	0	---	---
3130 potassic fert.	75	21	---	54	---
3190 fert. & mixes nec	9	2	7	0	---
Subtotal other chemicals and related products	1,421	443	978	0	---
3211 acyclic hydrocarbons	2	0	2	---	---
3212 benzene & toluene	0	0	0	---	---
3219 other hydrocarbons	9	4	5	---	---
3220 alcohols	43	20	23	0	---
3230 carboxylic acids	48	26	21	---	---
3240 nitrogen func. comp.	79	16	63	---	---
3250 organo - inorg. comp.	24	12	12	---	---
3260 organic comp. nec	49	20	29	0	---
3272 sulphuric acid	1	0	1	---	---
3273 ammonia	0	0	0	---	---
3274 sodium hydroxide	2	1	1	---	---
3275 inorg. elem., oxides, & halogen salts	77	45	32	0	---
3276 metallic salts	47	33	14	0	---
3279 inorganic chem. nec	27	23	4	---	---
3281 radioactive material	3	2	0	---	---
3282 pigments & paints	62	43	19	---	---
3283 coloring mat. nec	13	6	7	---	---
3284 medicines	43	9	34	---	---
3285 perfumes & cleansers	54	15	39	---	---
3286 plastics	286	91	195	0	---
3291 pesticides	13	3	10	---	---
3292 starches, gluten, glue	35	25	10	---	---
3293 explosives	1	1	0	---	---
3297 chemical additives	9	1	8	---	---
3298 wood & resin chem.	1	0	0	---	---
3299 chem. products nec	494	47	446	---	---
Total crude materials, inedible except fuels	2,196	697	1,238	256	6
Subtotal forest products, wood and chips	1,010	378	632	---	0
4110 rubber & gums	212	208	3	---	---
4150 fuel wood	1	0	1	---	---
4161 wood chips	123	0	123	---	---
4170 wood in the rough	143	12	130	---	---
4189 lumber	510	144	367	---	0
4190 forest products nec	20	13	7	---	---

NORFOLK HARBOR, VA
Freight Traffic, 2002 - continued
(thousand short tons)

Commodity	Total**	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound
Subtotal pulp and waste paper	420	5	415	---	---
4225 pulp & waste paper	420	5	415	---	---
Subtotal soil, sand, gravel, rock and stone	345	60	29	256	0
4310 building stone	57	35	21	---	0
4322 limestone	2	2	0	---	---
4323 gypsum	274	21	2	251	---
4331 sand & gravel	13	2	6	4	---
Subtotal iron ore and scrap	103	0	103	---	---
4410 iron ore	0	---	0	---	---
4420 iron & steel scrap	103	0	103	---	---
Subtotal marine shells	0	0	0	---	---
4515 marine shells	0	0	0	---	---
Subtotal non-ferrous ores and scrap	72	27	39	---	6
4630 copper ore	10	---	10	---	---
4650 aluminum ore	25	24	1	---	---
4670 manganese ore	1	0	1	---	---
4680 non-ferrous scrap	24	3	21	---	---
4690 non-ferrous ores nec	13	0	7	---	6
Subtotal sulphur, clay and salt	33	19	14	---	---
4741 sulphur, (dry)	0	---	0	---	---
4782 clay & refrac. mat.	33	19	14	---	---
Subtotal slag	0	---	0	---	---
4860 slag	0	---	0	---	---
Subtotal other non-metal. min.	212	207	5	---	---
4900 non-metal. min. nec	212	207	5	---	---
Total primary manufactured goods	2,267	1,532	686	49	1
Subtotal paper products	535	180	350	5	---
5110 newsprint	14	3	7	4	---
5120 paper & paperboard	473	144	328	0	---
5190 paper products nec	48	33	15	0	---
Subtotal lime, cement and glass	806	710	54	41	1
5210 lime	0	0	0	---	---
5220 cement & concrete	509	468	0	41	---
5240 glass & glass prod.	72	50	23	---	---
5290 misc. mineral prod.	224	193	31	---	1
Subtotal primary iron and steel products	206	116	90	0	---
5312 pig iron	10	7	2	0	---
5315 ferro alloys	7	7	0	---	---
5320 i&s primary forms	82	58	24	---	---
5330 i&s plates & sheets	62	7	55	---	---
5360 i&s bars & shapes	20	18	2	0	---
5370 i&s pipe & tube	12	9	4	0	---
5390 primary i&s nec	13	10	3	---	---
Subtotal primary non-ferrous metal products	440	289	147	3	---
5421 copper	11	8	3	---	---
5422 aluminum	45	34	11	---	---
5429 smelted prod. nec	89	22	67	---	---
5480 fab. metal products	295	226	66	3	---
Subtotal primary wood products	281	236	44	0	---
5540 primary wood prod.	281	236	44	0	---
Total food and farm products	2,375	1,036	1,333	6	0
Subtotal fish	61	47	10	4	---
6134 fish (not shellfish)	34	31	2	1	---
6136 shellfish	27	16	8	4	---
Subtotal grain	246	7	239	---	---
6241 wheat	220	0	220	---	---
6344 corn	20	3	17	---	---
6442 rice	6	5	1	---	---
6445 oats	0	---	0	---	---
6447 sorghum grains	0	---	0	---	---
Subtotal oilseeds	257	15	242	---	---
6521 peanuts	20	8	12	---	---
6522 soybeans	114	---	114	---	---
6534 flaxseed	0	---	0	---	---
6590 oilseeds nec	123	7	117	---	---
Subtotal vegetable products	171	84	87	---	---
6653 vegetable oils	78	8	70	---	---
6654 vegetables & prod.	93	76	17	---	---
Subtotal processed grain and animal feed	110	28	82	---	---
6746 wheat flour	7	1	7	---	---
6747 grain mill products	13	6	7	---	---
6781 hay & fodder	0	0	0	---	---
6782 animal feed, prep.	89	21	68	---	---
Subtotal other agricultural products	1,530	856	673	1	0
6811 meat, fresh, frozen	171	13	159	0	---
6817 meat, prepared	18	7	11	---	---
6822 dairy products	8	6	2	---	---
6835 fish, prepared	24	24	0	0	---
6838 tallow, animal oils	64	4	59	0	---
6839 animals & prod. nec	26	4	22	---	---

NORFOLK HARBOR, VA
Freight Traffic, 2002 - continued
(thousand short tons)

Commodity	Total**	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound
6856 bananas & plantains	0	0	—	—	—
6857 fruit & nuts nec	56	45	12	—	—
6858 fruit juices	35	32	3	0	0
6861 sugar	1	1	0	—	—
6865 molasses	0	0	0	—	—
6871 coffee	71	70	1	—	—
6872 cocoa beans	24	24	1	—	—
6885 alcoholic beverages	395	344	51	1	—
6888 water & ice	22	22	0	—	—
6889 food products nec	172	105	67	0	—
6891 tobacco & products	364	135	229	—	—
6893 cotton	47	6	41	—	—
6894 natural fibers nec	4	3	2	—	—
6899 farm products nec	26	12	14	0	—
Total all manufactured equipment, machinery and products	2,857	2,064	789	4	0
7110 machinery (not elec)	641	445	194	2	—
7120 electrical machinery	259	155	105	0	—
7210 vehicles & parts	452	367	84	0	—
7220 aircraft & parts	10	1	9	—	—
7230 ships & boats	34	32	2	0	—
7300 ordnance & access.	6	4	3	—	—
7400 manufac. wood prod.	55	34	20	—	0
7500 textile products	365	215	150	0	—
7600 rubber & plastic pr.	312	219	94	0	—
7900 manufac. prod. nec	722	592	129	1	—
Total unknown or not elsewhere classified	578	240	337	2	—
9900 unknown or nec	578	240	337	2	—
Ton-miles (x1000) Foreign & Canadian	245,117	94,737	139,510	10,270	601

Commodity	Total**	Coastwise	
		Receipts	Shipments
Total, all commodities	1,896	832	1,065
Total coal	989	—	989
1100 coal lignite	989	—	989
Total petroleum and petroleum products	582	543	39
Subtotal petroleum products	582	543	39
2211 gasoline	254	254	—
2221 kerosene	15	15	—
2330 distillate fuel oil	35	35	—
2340 residual fuel oil	213	209	3
2430 asphalt, tar & pitch	30	30	—
2540 petroleum coke	35	—	35
Total chemicals and related products	142	142	—
Subtotal fertilizers	37	37	—
3110 nitrogenous fert.	37	37	—
Subtotal other chemicals and related products	105	105	—
3219 other hydrocarbons	59	59	—
3274 sodium hydroxide	46	46	—
Total primary manufactured goods	85	83	2
Subtotal lime, cement and glass	85	83	2
5220 cement & concrete	83	83	—
5290 misc. mineral prod.	2	—	2
Total food and farm products	24	—	24
Subtotal grain	12	—	12
6344 corn	12	—	12
Subtotal processed grain and animal feed	12	—	12
6747 grain mill products	12	—	12
Total all manufactured equipment, machinery and products	75	64	11
7500 textile products	0	0	—
7900 manufac. prod. nec	75	64	11
Ton-miles (x1000) Coastwise	21,857	10,871	10,986

NORFOLK HARBOR, VA
Freight Traffic, 2002 - continued
(thousand short tons)

Commodity	Total**	Internal					
		Inbound		Outbound		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	4,932	3,144	38	31	1,548	26	146
Total coal	701	---	---	---	701	---	---
1100 coal lignite	701	---	---	---	701	---	---
Total petroleum and petroleum products	1,187	582	8	22	408	24	143
Subtotal crude petroleum	43	---	---	---	43	---	---
2100 crude petroleum	43	---	---	---	43	---	---
Subtotal petroleum products	1,144	582	8	22	365	24	143
2211 gasoline	322	224	4	22	59	7	7
2221 kerosene	0	---	---	---	0	---	---
2330 distillate fuel oil	352	178	3	---	127	6	39
2340 residual fuel oil	371	88	1	---	176	10	96
2350 lube oil & greases	3	---	---	---	1	1	2
2430 asphalt, tar & pitch	95	91	---	---	3	---	---
Total chemicals and related products	345	256	---	9	81	---	---
Subtotal fertilizers	312	253	---	9	50	---	---
3110 nitrogenous fert.	300	241	---	9	50	---	---
3190 fert. & mixes nec	12	12	---	---	---	---	---
Subtotal other chemicals and related products	34	2	---	---	31	---	---
3220 alcohols	6	---	---	---	6	---	---
3274 sodium hydroxide	25	---	---	---	25	---	---
3297 chemical additives	2	2	---	---	---	---	---
Total crude materials, inedible except fuels	1,715	1,714	---	---	1	---	1
Subtotal forest products, wood and chips	4	2	---	---	1	---	1
4170 wood in the rough	4	2	---	---	1	---	1
Subtotal soil, sand, gravel, rock and stone	1,706	1,706	---	---	---	---	---
4331 sand & gravel	1,706	1,706	---	---	---	---	---
Subtotal slag	5	5	---	---	---	---	---
4860 slag	5	5	---	---	---	---	---
Total primary manufactured goods	93	90	---	---	0	0	2
Subtotal lime, cement and glass	92	90	---	---	0	---	2
5220 cement & concrete	89	89	---	---	---	---	---
5290 misc. mineral prod.	4	2	---	---	0	---	2
Subtotal primary non-ferrous metal products	0	---	---	---	---	0	0
5480 fab. metal products	0	---	---	---	---	0	0
Total food and farm products	181	141	30	---	10	---	---
Subtotal grain	66	55	5	---	6	---	---
6241 wheat	48	47	2	---	---	---	---
6344 corn	14	5	3	---	6	---	---
6443 barley & rye	3	3	---	---	---	---	---
Subtotal oilseeds	115	86	26	---	3	---	---
6522 soybeans	115	86	26	---	3	---	---
Total all manufactured equipment, machinery and products	708	361	---	0	347	---	---
7110 machinery (not elec)	0	---	---	0	0	---	---
7900 manufac. prod. nec	707	361	---	---	347	---	---
Total waste and scrap nec	3	0	---	---	0	2	0
8900 waste and scrap nec	3	0	---	---	0	2	0
Ton-miles (x1000)	56,802	41,149	120	354	14,509	186	484
Internal							
Tons All Traffic (x1000)	28,320						
Ton-miles All Traffic (x1000)	331,018						
Total Trip-ton-miles internal and intraport (x1000)	872,425						

*Includes 62,412 tons of foreign inbound in-transits; Includes 38,999 tons of foreign outbound in-transits;
Includes 9,279 tons of Canadian inbound in-transits.

**Does not include 418,582 tons of through traffic.

HAMPTON ROADS, VA

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

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1993	65,711	1996	75,552	1999	56,063	2002	39,756
1994	62,746	1997	68,500	2000	56,940		
1995	72,508	1998	67,880	2001	51,994		

Freight Traffic, 2002 (thousand short tons)

Commodity	Total**	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound
Total, all commodities	26,181	8,936	16,241	911	93
Total coal	10,062	0	10,062	---	---
1100 coal lignite	10,000	---	10,000	---	---
1200 coal coke	62	0	62	---	---
Total petroleum and petroleum products	2,424	1,845	42	467	69
Subtotal crude petroleum	1,072	737	0	335	---
2100 crude petroleum	1,072	737	0	335	---
Subtotal petroleum products	1,352	1,108	42	132	69
2211 gasoline	10	10	0	---	---
2221 kerosene	32	32	0	---	---
2330 distillate fuel oil	0	0	0	---	---
2340 residual fuel oil	986	847	7	132	---
2350 lube oil & greases	6	1	4	---	---
2410 petro. jelly & waxes	3	2	1	---	---
2429 naphtha & solvents	57	53	5	---	---
2430 asphalt, tar & pitch	1	---	1	---	---
2540 petroleum coke	174	81	24	---	69
2640 liquid natural gas	82	82	1	---	---
Total chemicals and related products	2,365	748	1,564	54	---
Subtotal fertilizers	821	253	515	54	---
3110 nitrogenous fert.	737	229	508	---	---
3120 phosphatic fert.	0	0	0	---	---
3130 potassic fert.	75	21	---	54	---
3190 fert. & mixes nec	10	2	7	0	---
Subtotal other chemicals and related products	1,544	495	1,049	0	---
3211 acyclic hydrocarbons	2	0	2	---	---
3212 benzene & toluene	0	0	0	---	---
3219 other hydrocarbons	9	4	5	---	---
3220 alcohols	44	20	24	0	---
3230 carboxylic acids	52	30	22	---	---
3240 nitrogen func. comp.	82	16	66	---	---
3250 organo - inorg. comp.	24	12	12	---	---
3260 organic comp. nec	50	20	31	0	---
3272 sulphuric acid	1	0	1	---	---
3273 ammonia	0	0	0	---	---
3274 sodium hydroxide	2	1	1	---	---
3275 inorg. elem., oxides, & halogen salts	104	72	32	0	---
3276 metallic salts	49	34	15	0	---
3279 inorganic chem. nec	27	23	4	---	---
3281 radioactive material	3	2	0	---	---
3282 pigments & paints	63	43	20	---	---
3283 coloring mat. nec	13	6	7	---	---
3284 medicines	44	9	35	---	---
3285 perfumes & cleansers	59	15	44	---	---
3286 plastics	298	98	200	0	---
3291 pesticides	15	4	11	---	---
3292 starches, gluten, glue	38	25	13	---	---
3293 explosives	1	1	0	---	---
3297 chemical additives	10	1	9	---	---
3298 wood & resin chem.	1	1	0	---	---
3299 chem. products nec	552	58	493	---	---
Total crude materials, inedible except fuels	2,366	777	1,300	267	22
Subtotal forest products, wood and chips	1,061	404	657	---	0
4110 rubber & gums	212	209	3	---	---
4150 fuel wood	1	0	1	---	---
4161 wood chips	123	0	123	---	---
4170 wood in the rough	150	14	136	---	---
4189 lumber	553	167	386	---	0
4190 forest products nec	21	14	7	---	0
Subtotal pulp and waste paper	471	5	451	---	16
4225 pulp & waste paper	471	5	451	---	16
Subtotal soil, sand, gravel, rock and stone	347	62	30	256	0
4310 building stone	59	37	21	0	0
4322 limestone	2	2	0	---	---
4323 gypsum	274	21	2	251	---
4331 sand & gravel	13	2	6	4	---

HAMPTON ROADS, VA
 Freight Traffic, 2002 - continued
 (thousand short tons)

Commodity	Total**	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound
Subtotal iron ore and scrap	103	0	103	---	---
4410 iron ore	0	---	0	---	---
4420 iron & steel scrap	103	0	103	---	---
Subtotal marine shells	0	0	0	---	---
4515 marine shells	0	0	0	---	---
Subtotal non-ferrous ores and scrap	73	28	39	---	6
4630 copper ore	10	---	10	---	---
4650 aluminum ore	25	24	1	---	---
4670 manganese ore	1	0	1	---	---
4680 non-ferrous scrap	24	3	21	---	---
4690 non-ferrous ores nec	14	1	7	---	6
Subtotal sulphur, clay and salt	34	19	14	---	---
4741 sulphur, (dry)	0	---	0	---	---
4782 clay & refrac. mat.	34	19	14	---	---
Subtotal slag	0	---	0	---	---
4860 slag	0	---	0	---	---
Subtotal other non-metal. min.	275	259	5	11	---
4900 non-metal. min. nec	275	259	5	11	---
Total primary manufactured goods	2,700	1,870	718	111	2
Subtotal paper products	638	206	364	66	2
5110 newsprint	76	3	7	66	0
5120 paper & paperboard	510	167	341	0	2
5190 paper products nec	51	36	15	0	---
Subtotal lime, cement and glass	1,084	983	60	41	1
5210 lime	0	0	0	---	---
5220 cement & concrete	768	727	1	41	---
5240 glass & glass prod.	73	50	23	---	---
5290 misc. mineral prod.	242	205	36	0	1
Subtotal primary iron and steel products	223	126	97	0	---
5312 pig iron	10	8	2	0	---
5315 ferro alloys	7	7	1	---	---
5320 i&s primary forms	82	58	24	---	---
5330 i&s plates & sheets	70	9	61	---	---
5360 i&s bars & shapes	22	21	2	0	---
5370 i&s pipe & tube	13	9	4	0	---
5390 primary i&s nec	18	15	3	---	---
Subtotal primary non-ferrous metal products	460	306	151	3	---
5421 copper	11	8	3	---	---
5422 aluminum	46	35	12	---	---
5429 smelted prod. nec	90	22	68	---	---
5480 fab. metal products	313	241	68	3	---
Subtotal primary wood products	296	249	47	0	---
5540 primary wood prod.	296	249	47	0	---
Total food and farm products	2,531	1,151	1,374	6	0
Subtotal fish	68	54	10	4	0
6134 fish (not shellfish)	41	38	2	1	0
6136 shellfish	28	16	8	4	---
Subtotal grain	247	7	240	---	---
6241 wheat	220	0	220	---	---
6344 corn	21	3	19	---	---
6442 rice	6	5	1	---	---
6445 oats	0	---	0	---	---
6447 sorghum grains	0	---	0	---	---
Subtotal oilseeds	260	17	243	---	---
6521 peanuts	21	9	12	---	---
6522 soybeans	115	1	114	---	---
6534 flaxseed	0	---	0	---	---
6590 oilseeds nec	123	7	117	---	---
Subtotal vegetable products	172	85	87	---	---
6653 vegetable oils	78	8	70	---	---
6654 vegetables & prod.	94	77	17	---	---
Subtotal processed grain and animal feed	121	35	87	---	---
6746 wheat flour	8	1	7	---	---
6747 grain mill products	15	7	8	---	---
6781 hay & fodder	0	0	0	---	---
6782 animal feed, prep.	98	27	71	---	---
Subtotal other agricultural products	1,662	954	707	1	0
6811 meat, fresh, frozen	182	13	169	0	---
6817 meat, prepared	18	7	11	---	---
6822 dairy products	9	6	2	---	---
6835 fish, prepared	25	24	0	0	---
6838 tallow, animal oils	64	4	59	0	---
6839 animals & prod. nec	26	5	22	---	---
6856 bananas & plantains	0	0	---	---	---
6857 fruit & nuts nec	60	47	13	---	---
6858 fruit juices	38	35	4	0	0
6861 sugar	1	1	0	---	---
6865 molasses	0	0	0	---	---
6871 coffee	95	94	1	---	---
6872 cocoa beans	24	24	1	---	---

HAMPTON ROADS, VA
Freight Traffic, 2002 - continued
(thousand short tons)

Commodity	Total**	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound
6885 alcoholic beverages	402	349	52	1	—
6888 water & ice	22	22	0	—	—
6889 food products nec	178	108	70	0	—
6891 tobacco & products	434	193	241	—	—
6893 cotton	53	6	47	—	—
6894 natural fibers nec	4	3	2	—	—
6899 farm products nec	26	12	14	0	—
Total all manufactured equipment, machinery and products	3,137	2,296	836	4	0
7110 machinery (not elec)	718	500	216	2	—
7120 electrical machinery	282	167	115	0	—
7210 vehicles & parts	564	477	87	1	—
7220 aircraft & parts	11	2	9	—	—
7230 ships & boats	34	32	2	0	—
7300 ordnance & access.	7	4	3	—	—
7400 manufac. wood prod.	62	40	22	—	0
7500 textile products	383	231	152	0	—
7600 rubber & plastic pr.	324	225	99	0	—
7900 manufac. prod. nec	753	619	132	1	—
Total unknown or not elsewhere classified	596	249	345	2	—
9900 unknown or nec	596	249	345	2	—

Commodity	Total**	Coastwise	
		Receipts	Shipments
Total, all commodities	4,506	870	3,636
Total coal	3,558	—	3,558
1100 coal lignite	3,558	—	3,558
Total petroleum and petroleum products	619	580	39
Subtotal petroleum products	619	580	39
2211 gasoline	254	254	—
2221 kerosene	15	15	—
2330 distillate fuel oil	35	35	—
2340 residual fuel oil	238	235	3
2430 asphalt, tar & pitch	41	41	—
2540 petroleum coke	35	—	35
Total chemicals and related products	142	142	—
Subtotal fertilizers	37	37	—
3110 nitrogenous fert.	37	37	—
Subtotal other chemicals and related products	105	105	—
3219 other hydrocarbons	59	59	—
3274 sodium hydroxide	46	46	—
Total primary manufactured goods	89	84	5
Subtotal lime, cement and glass	85	83	2
5220 cement & concrete	83	83	—
5290 misc. mineral prod.	2	—	2
Subtotal primary non-ferrous metal products	4	1	3
5480 fab. metal products	4	1	3
Total food and farm products	24	—	24
Subtotal grain	12	—	12
6344 corn	12	—	12
Subtotal processed grain and animal feed	12	—	12
6747 grain mill products	12	—	12
Total all manufactured equipment, machinery and products	75	64	11
7500 textile products	0	0	—
7900 manufac. prod. nec	75	64	11

HAMPTON ROADS, VA
Freight Traffic, 2002 - continued
(thousand short tons)

Commodity	Total**	Internal					
		Inbound		Outbound		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	8,650	3,354	37	31	5,006	75	147
Total coal	4,103	---	---	---	4,103	---	---
1100 coal lignite	4,103	---	---	---	4,103	---	---
Total petroleum and petroleum products	1,358	649	7	22	464	73	144
Subtotal crude petroleum	43	---	---	---	43	---	---
2100 crude petroleum	43	---	---	---	43	---	---
Subtotal petroleum products	1,315	649	7	22	420	73	144
2211 gasoline	322	224	4	22	59	7	7
2221 kerosene	0	---	---	---	0	---	---
2330 distillate fuel oil	393	212	3	---	131	8	39
2340 residual fuel oil	502	121	---	---	227	56	97
2350 lube oil & greases	3	---	---	---	0	1	2
2430 asphalt, tar & pitch	95	91	---	---	3	---	---
Total chemicals and related products	345	256	---	9	81	---	---
Subtotal fertilizers	312	253	---	9	50	---	---
3110 nitrogenous fert.	300	241	---	9	50	---	---
3190 fert. & mixes nec	12	12	---	---	---	---	---
Subtotal other chemicals and related products	34	2	---	---	31	---	---
3220 alcohols	6	---	---	---	6	---	---
3274 sodium hydroxide	25	---	---	---	25	---	---
3297 chemical additives	2	2	---	---	---	---	---
Total crude materials, inedible except fuels	1,859	1,858	---	---	1	---	1
Subtotal forest products, wood and chips	4	2	---	---	1	---	1
4170 wood in the rough	4	2	---	---	1	---	1
Subtotal soil, sand, gravel, rock and stone	1,850	1,850	---	---	---	---	---
4331 sand & gravel	1,850	1,850	---	---	---	---	---
Subtotal slag	5	5	---	---	---	---	---
4860 slag	5	5	---	---	---	---	---
Total primary manufactured goods	93	90	---	---	0	0	2
Subtotal lime, cement and glass	92	90	---	---	0	---	2
5220 cement & concrete	89	89	---	---	---	---	---
5290 misc. mineral prod.	4	2	---	---	0	---	2
Subtotal primary non-ferrous metal products	0	---	---	---	---	0	0
5480 fab. metal products	0	---	---	---	---	0	0
Total food and farm products	181	141	30	---	10	---	---
Subtotal grain	66	55	5	---	6	---	---
6241 wheat	48	47	2	---	---	---	---
6344 corn	14	5	3	---	6	---	---
6443 barley & rye	3	3	---	---	---	---	---
Subtotal oilseeds	115	86	26	---	3	---	---
6522 soybeans	115	86	26	---	3	---	---
Total all manufactured equipment, machinery and products	708	361	---	0	347	---	---
7110 machinery (not elec)	0	---	---	0	0	---	---
7230 ships & boats	0	---	---	---	0	---	---
7900 manufac. prod. nec	707	361	---	---	347	---	---
Total waste and scrap nec	3	0	---	---	0	2	0
8900 waste and scrap nec	3	0	---	---	0	2	0

Tons All Traffic (x1000) 39,756
Total Trip-ton-miles internal and intraport (x1000) 1,608,723

*Includes 71,525 tons of foreign inbound in-transits; Includes 40,409 tons of foreign outbound in-transits;
Includes 9,279 tons of Canadian inbound in-transits.

**Does not include 418,532 tons of through traffic.

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
1993	21,938	1996	30,948	1999	19,373	2002	15,178
1994	20,250	1997	26,538	2000	18,734		
1995	28,601	1998	24,343	2001	17,485		

Freight Traffic, 2002 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Through		Through	
		Upbound*	Downbnd*	Upbound	Downbnd
Total, all commodities	5,929	1,240	4,471	161	57
Total coal	3,551	0	3,551	---	---
1100 coal lignite	3,551	---	3,551	---	---
1200 coal coke	0	0	---	---	---
Total petroleum and petroleum products	287	164	21	79	23
Subtotal crude petroleum	79	---	---	79	---
2100 crude petroleum	79	---	---	79	---
Subtotal petroleum products	208	164	21	---	23
2221 kerosene	32	32	---	---	---
2340 residual fuel oil	49	49	---	---	---
2350 lube oil & greases	1	0	1	---	---
2410 petro. jelly & waxes	2	2	---	---	---
2429 naphtha & solvents	0	0	0	---	---
2540 petroleum coke	124	81	20	---	23
Total chemicals and related products	733	134	584	---	16
Subtotal fertilizers	484	4	464	---	16
3110 nitrogenous fert.	480	---	464	---	16
3190 fert. & mixes nec	4	4	0	---	---
Subtotal other chemicals and related products	250	130	120	---	---
3211 acyclic hydrocarbons	3	0	3	---	---
3212 benzene & toluene	0	---	0	---	---
3219 other hydrocarbons	4	4	0	---	---
3220 alcohols	3	0	2	---	---
3230 carboxylic acids	8	6	2	---	---
3240 nitrogen func. comp.	14	6	8	---	---
3250 organo - inorg. comp.	2	1	1	---	---
3260 organic comp. nec	3	1	2	---	---
3272 sulphuric acid	0	0	0	---	---
3274 sodium hydroxide	17	17	0	---	---
3275 inorg. elem., oxides, & halogen salts	30	28	2	---	---
3276 metallic salts	6	4	2	---	---
3279 inorganic chem. nec	1	1	0	---	---
3281 radioactive material	0	0	0	---	---
3282 pigments & paints	1	0	1	---	---
3283 coloring mat. nec	2	1	0	---	---
3284 medicines	6	1	4	---	---
3285 perfumes & cleansers	12	2	9	---	---
3286 plastics	57	33	24	---	---
3291 pesticides	2	1	1	---	---
3292 starches, gluten, glue	3	0	3	---	---
3293 explosives	0	0	---	---	---
3297 chemical additives	2	0	2	---	---
3298 wood & resin chem.	1	1	---	---	---
3299 chem. products nec	74	21	53	---	---
Total crude materials, inedible except fuels	234	129	77	12	16
Subtotal forest products, wood and chips	55	30	26	---	0
4110 rubber & gums	0	0	0	---	---
4150 fuel wood	0	---	0	---	---
4170 wood in the rough	7	2	6	---	---
4189 lumber	46	27	20	---	---
4190 forest products nec	1	1	0	---	0
Subtotal pulp and waste paper	52	---	36	---	16
4225 pulp & waste paper	52	---	36	---	16
Subtotal soil, sand, gravel, rock and stone	3	2	1	0	0
4310 building stone	2	1	0	0	0
4323 gypsum	0	---	0	---	---
4331 sand & gravel	1	0	1	0	---
Subtotal iron ore and scrap	0	---	0	---	---
4420 iron & steel scrap	0	---	0	---	---
Subtotal marine shells	0	0	---	---	---
4515 marine shells	0	0	---	---	---
Subtotal non-ferrous ores and scrap	1	1	0	---	---
4650 aluminum ore	0	---	0	---	---
4680 non-ferrous scrap	0	0	0	---	---
4690 non-ferrous ores nec	1	1	0	---	---
Subtotal sulphur, clay and salt	15	2	14	---	---
4741 sulphur, (dry)	0	0	---	---	---

CHANNEL TO NEWPORT NEWS, VA
Freight Traffic, 2002 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Through		Through	
		Upbound*	Downbnd*	Upbound	Downbnd
4782 clay & refrac. mat.	15	2	14	---	---
Subtotal slag	0	---	0	---	---
4860 slag	0	---	0	---	---
Subtotal other non-metal. min.	107	95	0	11	---
4900 non-metal. min. nec	107	95	0	11	---
Total primary manufactured goods	516	397	47	71	2
Subtotal paper products	131	41	18	70	2
5110 newsprint	71	0	0	70	0
5120 paper & paperboard	57	37	17	---	2
5190 paper products nec	4	3	1	---	---
Subtotal lime, cement and glass	295	283	11	0	---
5220 cement & concrete	259	259	1	---	---
5240 glass & glass prod.	12	8	4	---	---
5290 misc. mineral prod.	23	17	7	0	---
Subtotal primary iron and steel products	29	19	10	---	---
5312 pig iron	4	1	3	---	---
5315 ferro alloys	0	0	0	---	---
5320 i&s primary forms	3	2	0	---	---
5330 i&s plates & sheets	10	4	6	---	---
5360 i&s bars & shapes	6	6	0	---	---
5370 i&s pipe & tube	2	2	0	---	---
5390 primary i&s nec	5	5	0	---	---
Subtotal primary non-ferrous metal products	38	33	5	---	---
5421 copper	1	1	0	---	---
5422 aluminum	8	7	1	---	---
5429 smelted prod. nec	5	4	1	---	---
5480 fab. metal products	24	21	3	---	---
Subtotal primary wood products	23	20	3	---	---
5540 primary wood prod.	23	20	3	---	---
Total food and farm products	209	120	89	---	0
Subtotal fish	7	7	0	---	0
6134 fish (not shellfish)	7	7	0	---	0
6136 shellfish	0	0	---	---	---
Subtotal grain	1	0	1	---	---
6241 wheat	0	0	---	---	---
6344 corn	1	---	1	---	---
6442 rice	0	---	0	---	---
Subtotal oilseeds	2	2	1	---	---
6521 peanuts	1	1	0	---	---
6522 soybeans	1	1	---	---	---
6590 oilseeds nec	0	---	0	---	---
Subtotal vegetable products	2	1	1	---	---
6653 vegetable oils	0	0	0	---	---
6654 vegetables & prod.	2	1	1	---	---
Subtotal processed grain and animal feed	12	7	5	---	---
6746 wheat flour	0	0	0	---	---
6747 grain mill products	2	0	1	---	---
6781 hay & fodder	0	0	---	---	---
6782 animal feed, prep.	10	7	3	---	---
Subtotal other agricultural products	184	103	81	---	---
6811 meat, fresh, frozen	11	1	10	---	---
6817 meat, prepared	0	---	0	---	---
6822 dairy products	0	0	0	---	---
6835 fish, prepared	0	0	0	---	---
6838 tallow, animal oils	0	0	0	---	---
6839 animals & prod. nec	1	1	0	---	---
6857 fruit & nuts nec	4	3	1	---	---
6858 fruit juices	3	3	0	---	---
6861 sugar	0	---	0	---	---
6871 coffee	24	24	---	---	---
6872 cocoa beans	0	0	---	---	---
6885 alcoholic beverages	6	5	1	---	---
6888 water & ice	0	0	---	---	---
6889 food products nec	8	6	3	---	---
6891 tobacco & products	119	60	59	---	---
6893 cotton	6	0	6	---	---
6894 natural fibers nec	0	0	0	---	---
6899 farm products nec	0	0	0	---	---
Total all manufactured equipment, machinery and products	370	276	93	0	---
7110 machinery (not elec)	101	72	29	---	---
7120 electrical machinery	28	14	14	---	---
7210 vehicles & parts	119	115	3	0	---
7220 aircraft & parts	1	1	0	---	---
7230 ships & boats	0	0	0	---	---

CHANNEL TO NEWPORT NEWS, VA
 Freight Traffic, 2002 - continued
 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Through		Through	
		Upbound*	Downbnd*	Upbound	Downbnd
7300 ordnance & access.	0	0	0	—	—
7400 manufac. wood prod.	8	7	1	—	—
7500 textile products	51	25	26	—	—
7600 rubber & plastic pr.	23	11	12	—	—
7900 manufac. prod. nec	40	32	8	—	—
Total unknown or not elsewhere classified	29	20	9	0	—
9900 unknown or nec	29	20	9	0	—
Ton-miles (x1000) Foreign & Canadian	19,428	4,218	14,505	502	203

Commodity	Total	Domestic			
		Coastwise		Internal	
		Through		Through	
		Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	9,250	84	2,591	662	5,913
Total coal	5,972	—	2,569	—	3,403
1100 coal lignite	5,972	—	2,569	—	3,403
Total petroleum and petroleum products	716	78	—	408	230
Subtotal petroleum products	716	78	—	408	230
2211 gasoline	81	2	—	22	57
2330 distillate fuel oil	218	—	—	101	116
2340 residual fuel oil	237	26	—	155	57
2350 lube oil & greases	0	—	—	0	—
2430 asphalt, tar & pitch	180	50	—	130	—
Total chemicals and related products	554	5	19	253	277
Subtotal fertilizers	296	—	19	—	277
3110 nitrogenous fert.	278	—	13	—	265
3190 fert. & mixes nec	18	—	6	—	12
Subtotal other chemicals and related products	258	5	—	253	—
3220 alcohols	258	5	—	253	—
Total crude materials, inedible except fuels	2,002	—	—	—	2,002
Subtotal soil, sand, gravel, rock and stone	1,857	—	—	—	1,857
4331 sand & gravel	1,857	—	—	—	1,857
Subtotal marine shells	145	—	—	—	145
4515 marine shells	145	—	—	—	145
Total primary manufactured goods	4	1	3	0	—
Subtotal lime, cement and glass	0	—	—	0	—
5290 misc. mineral prod.	0	—	—	0	—
Subtotal primary non-ferrous metal products	4	1	3	—	—
5480 fab. metal products	4	1	3	—	—
Total all manufactured equipment, machinery and products	0	—	—	—	0
7230 ships & boats	0	—	—	—	0
Total waste and scrap nec	1	—	—	0	0
8900 waste and scrap nec	1	—	—	0	0
Ton-miles (x1000) Domestic	33,896	341	7,811	3,112	22,632

Tons All Traffic (x1000) 15,178

Ton-miles All Traffic (x1000) 53,324

Total Trip-ton-miles internal and intraport (x1000) 1,171,573

*Includes 9,226 tons of foreign upbound through in-transits; Includes 2,645 tons of foreign downbound through in-transits.

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
1993	16,735	1996	24,787	1999	14,342	2002	11,301
1994	15,671	1997	20,755	2000	13,803		
1995	23,365	1998	19,075	2001	13,860		

Freight Traffic, 2002 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound	Outbound
Total, all commodities	5,108	990	3,925	153	41
Total coal	3,551	---	3,551	---	---
1100 coal lignite	3,551	---	3,551	---	---
Total petroleum and petroleum products	286	164	21	79	23
Subtotal crude petroleum	79	---	---	79	---
2100 crude petroleum	79	---	---	79	---
Subtotal petroleum products	208	164	21	---	23
2221 kerosene	32	32	---	---	---
2340 residual fuel oil	49	49	---	---	---
2350 lube oil & greases	1	---	1	---	---
2410 petro. jelly & waxes	2	2	---	---	---
2429 naphtha & solvents	0	0	0	---	---
2540 petroleum coke	124	81	20	---	23
Total chemicals and related products	213	52	162	---	---
Subtotal fertilizers	91	0	91	---	---
3110 nitrogenous fert.	91	---	91	---	---
3190 fert. & mixes nec	0	0	0	---	---
Subtotal other chemicals and related products	122	52	71	---	---
3211 acyclic hydrocarbons	0	0	0	---	---
3219 other hydrocarbons	0	0	0	---	---
3220 alcohols	1	0	1	---	---
3230 carboxylic acids	4	3	1	---	---
3240 nitrogen func. comp.	3	0	3	---	---
3250 organo - inorg. comp.	0	0	0	---	---
3260 organic comp. nec	1	0	1	---	---
3272 sulphuric acid	0	0	0	---	---
3274 sodium hydroxide	0	---	0	---	---
3275 inorg. elem., oxides, & halogen salts	27	27	0	---	---
3276 metallic salts	2	1	1	---	---
3279 inorganic chem. nec	0	0	0	---	---
3281 radioactive material	0	---	0	---	---
3282 pigments & paints	0	0	0	---	---
3283 coloring mat. nec	0	0	0	---	---
3284 medicines	1	---	1	---	---
3285 perfumes & cleansers	4	0	4	---	---
3286 plastics	12	6	5	---	---
3291 pesticides	2	1	1	---	---
3292 starches, gluten, glue	3	0	3	---	---
3293 explosives	0	0	---	---	---
3297 chemical additives	2	0	1	---	---
3298 wood & resin chem.	1	1	---	---	---
3299 chem. products nec	58	11	47	---	---
Total crude materials, inedible except fuels	170	80	62	12	16
Subtotal forest products, wood and chips	51	26	26	---	0
4110 rubber & gums	0	0	0	---	---
4150 fuel wood	0	---	0	---	---
4170 wood in the rough	7	2	6	---	---
4189 lumber	43	23	20	---	---
4190 forest products nec	1	1	0	---	0
Subtotal pulp and waste paper	51	---	36	---	16
4225 pulp & waste paper	51	---	36	---	16
Subtotal soil, sand, gravel, rock and stone	2	1	0	0	0
4310 building stone	2	1	0	0	0
4323 gypsum	0	---	0	---	---
4331 sand & gravel	0	0	0	0	---
Subtotal iron ore and scrap	0	---	0	---	---
4420 iron & steel scrap	0	---	0	---	---
Subtotal marine shells	0	0	---	---	---
4515 marine shells	0	0	---	---	---
Subtotal non-ferrous ores and scrap	1	1	0	---	---
4650 aluminum ore	0	---	0	---	---
4680 non-ferrous scrap	0	0	0	---	---
4690 non-ferrous ores nec	1	1	---	---	---
Subtotal sulphur, clay and salt	0	0	0	---	---
4782 clay & refrac. mat.	0	0	0	---	---
Subtotal slag	0	---	0	---	---
4860 slag	0	---	0	---	---
Subtotal other non-metal. min.	63	52	0	11	---
4900 non-metal. min. nec	63	52	0	11	---

PORT OF NEWPORT NEWS, VA (INCLUDING NEWPORT NEWS CREEK, VA)
 Freight Traffic, 2002 - continued
 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound	Outbound
Total primary manufactured goods	433	338	32	62	2
Subtotal paper products	103	26	14	62	2
5110 newsprint	62	0	0	62	0
5120 paper & paperboard	38	23	13	—	2
5190 paper products nec	3	3	1	—	—
Subtotal lime, cement and glass	278	273	5	0	—
5220 cement & concrete	259	259	1	—	—
5240 glass & glass prod.	1	1	0	—	—
5290 misc. mineral prod.	18	13	5	0	—
Subtotal primary iron and steel products	17	10	6	—	—
5312 pig iron	1	1	—	—	—
5315 ferro alloys	0	0	0	—	—
5320 i&s primary forms	1	0	0	—	—
5330 i&s plates & sheets	8	2	6	—	—
5360 i&s bars & shapes	2	2	0	—	—
5370 i&s pipe & tube	0	0	0	—	—
5390 primary i&s nec	5	4	0	—	—
Subtotal primary non-ferrous metal products	21	17	4	—	—
5421 copper	0	0	0	—	—
5422 aluminum	1	1	1	—	—
5429 smelted prod. nec	1	0	1	—	—
5480 fab. metal products	18	15	3	—	—
Subtotal primary wood products	15	13	3	—	—
5540 primary wood prod.	15	13	3	—	—
Total food and farm products	156	115	41	—	0
Subtotal fish	7	7	0	—	0
6134 fish (not shellfish)	7	7	0	—	0
6136 shellfish	0	0	—	—	—
Subtotal grain	1	0	1	—	—
6241 wheat	0	0	—	—	—
6344 corn	1	—	1	—	—
6442 rice	0	—	0	—	—
Subtotal oilseeds	2	2	1	—	—
6521 peanuts	1	1	0	—	—
6522 soybeans	1	1	—	—	—
6590 oilseeds nec	0	—	0	—	—
Subtotal vegetable products	1	1	1	—	—
6653 vegetable oils	0	0	0	—	—
6654 vegetables & prod.	1	1	1	—	—
Subtotal processed grain and animal feed	12	7	5	—	—
6746 wheat flour	0	0	0	—	—
6747 grain mill products	2	0	1	—	—
6781 hay & fodder	0	0	—	—	—
6782 animal feed, prep.	10	7	3	—	—
Subtotal other agricultural products	132	98	34	—	—
6811 meat, fresh, frozen	11	1	10	—	—
6817 meat, prepared	0	—	0	—	—
6822 dairy products	0	0	0	—	—
6835 fish, prepared	0	0	0	—	—
6838 tallow, animal oils	0	0	0	—	—
6839 animals & prod. nec	1	1	0	—	—
6857 fruit & nuts nec	4	3	1	—	—
6858 fruit juices	3	3	0	—	—
6861 sugar	0	—	0	—	—
6871 coffee	24	24	—	—	—
6885 alcoholic beverages	6	5	1	—	—
6888 water & ice	0	0	—	—	—
6889 food products nec	6	4	3	—	—
6891 tobacco & products	70	58	12	—	—
6893 cotton	6	0	6	—	—
6894 natural fibers nec	0	0	—	—	—
6899 farm products nec	0	0	0	—	—
Total all manufactured equipment, machinery and products	281	233	47	0	—
7110 machinery (not elec)	77	55	22	—	—
7120 electrical machinery	23	12	11	—	—
7210 vehicles & parts	112	110	2	0	—
7220 aircraft & parts	1	1	0	—	—
7230 ships & boats	0	0	0	—	—
7300 ordnance & access.	0	0	0	—	—
7400 manufac. wood prod.	7	6	1	—	—
7500 textile products	18	15	2	—	—
7600 rubber & plastic pr.	11	6	5	—	—
7900 manufac. prod. nec	31	27	4	—	—
Total unknown or not elsewhere classified	17	9	8	0	—
9900 unknown or nec	17	9	8	0	—

PORT OF NEWPORT NEWS, VA (INCLUDING NEWPORT NEWS CREEK, VA)
 Freight Traffic, 2002 - continued
 (thousand short tons)

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Total, all commodities	6,193	38	2,572	90	3,466	26
Total coal	5,972	---	2,569	---	3,403	---
1100 coal lignite	5,972	---	2,569	---	3,403	---
Total petroleum and petroleum products	216	37	---	90	63	26
Subtotal petroleum products	216	37	---	90	63	26
2330 distillate fuel oil	42	---	---	36	6	---
2340 residual fuel oil	162	26	---	53	57	26
2350 lube oil & greases	0	---	---	0	---	---
2430 asphalt, tar & pitch	11	11	---	---	---	---
Total primary manufactured goods	4	1	3	---	---	---
Subtotal primary non-ferrous metal products	4	1	3	---	---	---
5480 fab. metal products	4	1	3	---	---	---
Total all manufactured equipment, machinery and products	0	---	---	---	0	---
7230 ships & boats	0	---	---	---	0	---
Total waste and scrap nec	0	---	---	0	0	---
8900 waste and scrap nec	0	---	---	0	0	---

*Includes 9,113 tons of foreign inbound in-transits; Includes 1,410 tons of foreign outbound in-transits.

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
1993	1,669	1996	1,499	1999	822	2002	1,363
1994	1,134	1997	1,121	2000	1,489		
1995	1,135	1998	1,089	2001	1,907		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian Inbound	Domestic			
		Inbound*	Outbound*		Total	Internal		
						Coastwise Receipts	Receipts	Shipments
Total, all commodities	1,363	233	245	9	876	39	506	331
Total coal	0	0	---	---	---	---	---	---
1200 coal coke	0	0	---	---	---	---	---	---
Total petroleum and petroleum products	344	0	0	---	344	39	117	188
Subtotal petroleum products	344	0	0	---	344	39	117	188
2211 gasoline	65	---	---	---	65	2	6	57
2330 distillate fuel oil	165	---	---	---	165	---	34	131
2340 residual fuel oil	77	---	---	---	77	---	77	---
2350 lube oil & greases	0	0	0	---	---	---	---	---
2429 naphtha & solvents	0	---	0	---	---	---	---	---
2430 asphalt, tar & pitch	37	---	---	---	37	37	---	---
2540 petroleum coke	0	0	---	---	---	---	---	---
Total chemicals and related products	186	65	121	---	---	---	---	---
Subtotal fertilizers	76	4	72	---	---	---	---	---
3110 nitrogenous fert.	72	---	72	---	---	---	---	---
3190 fert. & mixes nec	4	4	---	---	---	---	---	---
Subtotal other chemicals and related products	111	62	49	---	---	---	---	---
3211 acyclic hydrocarbons	2	0	2	---	---	---	---	---
3212 benzene & toluene	0	---	0	---	---	---	---	---
3219 other hydrocarbons	4	4	0	---	---	---	---	---
3220 alcohols	1	0	1	---	---	---	---	---
3230 carboxylic acids	5	3	2	---	---	---	---	---
3240 nitrogen func. comp.	11	6	5	---	---	---	---	---
3250 organo - inorg. comp.	2	1	0	---	---	---	---	---
3260 organic comp. nec	2	1	1	---	---	---	---	---
3272 sulphuric acid	0	---	0	---	---	---	---	---
3274 sodium hydroxide	0	---	0	---	---	---	---	---
3275 inorg. elem., oxides, & halogen salts	3	1	1	---	---	---	---	---
3276 metallic salts	4	3	1	---	---	---	---	---
3279 inorganic chem. nec	1	1	0	---	---	---	---	---
3281 radioactive material	0	0	---	---	---	---	---	---
3282 pigments & paints	0	0	0	---	---	---	---	---
3283 coloring mat. nec	1	1	0	---	---	---	---	---
3284 medicines	5	1	4	---	---	---	---	---
3285 perfumes & cleansers	7	2	5	---	---	---	---	---
3286 plastics	45	27	19	---	---	---	---	---

PORT OF RICHMOND, VA (INCLUDED IN JAMES RIVER, VA CONSOLIDATED REPORT)
 Freight Traffic, 2002 - continued
 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian Inbound	Domestic		
		Inbound*	Outbound*		Total	Coastwise Receipts	Internal
				Receipts			Shipments
3291 pesticides	0	—	0	—	—	—	—
3292 starches, gluten, glue	0	0	0	—	—	—	—
3297 chemical additives	0	0	0	—	—	—	—
3299 chem. products nec	16	9	6	—	—	—	—
Total crude materials, inedible except fuels	596	49	15	—	533	—	143
Subtotal forest products, wood and chips	4	4	0	—	—	—	—
4150 fuel wood	0	—	0	—	—	—	—
4189 lumber	4	4	0	—	—	—	—
4190 forest products nec	0	0	0	—	—	—	—
Subtotal pulp and waste paper	0	—	0	—	—	—	—
4225 pulp & waste paper	0	—	0	—	—	—	—
Subtotal soil, sand, gravel, rock and stone	534	0	1	—	533	—	143
4323 gypsum	0	—	0	—	—	—	—
4331 sand & gravel	534	0	1	—	533	—	143
Subtotal non-ferrous ores and scrap	0	0	0	—	—	—	—
4650 aluminum ore	0	—	0	—	—	—	—
4680 non-ferrous scrap	0	0	—	—	—	—	—
4690 non-ferrous ores nec	0	—	0	—	—	—	—
Subtotal sulphur, clay and salt	15	2	13	—	—	—	—
4741 sulphur, (dry)	0	0	—	—	—	—	—
4782 clay & refrac. mat.	15	2	13	—	—	—	—
Subtotal other non-metal. min.	44	44	0	—	—	—	—
4900 non-metal. min. nec	44	44	0	—	—	—	—
Total primary manufactured goods	83	59	15	9	—	—	—
Subtotal paper products	28	15	5	9	—	—	—
5110 newsprint	9	—	—	9	—	—	—
5120 paper & paperboard	19	14	4	—	—	—	—
5190 paper products nec	1	1	0	—	—	—	—
Subtotal lime, cement and glass	17	11	6	—	—	—	—
5240 glass & glass prod.	11	7	4	—	—	—	—
5290 misc. mineral prod.	6	4	2	—	—	—	—
Subtotal primary iron and steel products	13	9	4	—	—	—	—
5312 pig iron	3	0	3	—	—	—	—
5315 ferro alloys	0	—	0	—	—	—	—
5320 i&s primary forms	2	2	—	—	—	—	—
5330 i&s plates & sheets	2	2	0	—	—	—	—
5360 i&s bars & shapes	3	3	0	—	—	—	—
5370 i&s pipe & tube	2	2	—	—	—	—	—
5390 primary i&s nec	0	0	0	—	—	—	—
Subtotal primary non-ferrous metal products	18	17	1	—	—	—	—
5421 copper	1	1	0	—	—	—	—
5422 aluminum	7	7	0	—	—	—	—
5429 smelted prod. nec	4	3	1	—	—	—	—
5480 fab. metal products	6	6	0	—	—	—	—
Subtotal primary wood products	8	8	—	—	—	—	—
5540 primary wood prod.	8	8	—	—	—	—	—
Total food and farm products	53	5	48	—	—	—	—
Subtotal vegetable products	0	0	0	—	—	—	—
6654 vegetables & prod.	0	0	0	—	—	—	—
Subtotal other agricultural products	52	5	48	—	—	—	—
6839 animals & prod. nec	0	0	—	—	—	—	—
6871 coffee	0	0	—	—	—	—	—
6872 cocoa beans	0	0	—	—	—	—	—
6885 alcoholic beverages	0	0	—	—	—	—	—
6889 food products nec	2	2	0	—	—	—	—
6891 tobacco & products	49	2	47	—	—	—	—
6893 cotton	0	—	0	—	—	—	—
6894 natural fibers nec	0	0	0	—	—	—	—
Total all manufactured equipment, machinery and products	89	44	46	—	—	—	—
7110 machinery (not elec)	24	17	6	—	—	—	—
7120 electrical machinery	5	2	3	—	—	—	—
7210 vehicles & parts	6	6	1	—	—	—	—
7220 aircraft & parts	0	0	0	—	—	—	—
7230 ships & boats	0	0	—	—	—	—	—
7300 ordnance & access.	0	0	—	—	—	—	—
7400 manufac. wood prod.	1	1	0	—	—	—	—
7500 textile products	33	9	24	—	—	—	—
7600 rubber & plastic pr.	11	5	7	—	—	—	—
7900 manufac. prod. nec	9	4	4	—	—	—	—
Total waste and scrap nec	0	—	—	—	0	—	0
8900 waste and scrap nec	0	—	—	—	0	—	0
Total unknown or not elsewhere classified	12	11	1	—	—	—	—
9900 unknown or nec	12	11	1	—	—	—	—

*Includes 113 tons of foreign inbound in-transits; Includes 1,235 tons of foreign outbound in-transits.

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
1993	6,851	1996	7,540	1999	6,417	2002	4,543
1994	5,387	1997	7,146	2000	6,476		
1995	5,988	1998	6,572	2001	5,346		

Freight Traffic, 2002 (thousand short tons)

Commodity	Total	Foreign				Canadian	
		Inbound	Outbound	Through Upbound*	Through Downbnd*	Outbound	Through Upbound
Total, all commodities	820	17	301	233	245	16	9
Total coal	0	—	—	0	—	—	—
1200 coal coke	0	—	—	0	—	—	—
Total petroleum and petroleum products	0	—	—	0	0	—	—
Subtotal petroleum products	0	—	—	0	0	—	—
2350 lube oil & greases	0	—	—	0	0	—	—
2429 naphtha & solvents	0	—	—	—	0	—	—
2540 petroleum coke	0	—	—	0	—	—	—
Total chemicals and related products	520	17	301	65	121	16	—
Subtotal fertilizers	393	—	301	4	72	16	—
3110 nitrogenous fert.	389	—	301	—	72	16	—
3190 fert. & mixes nec	4	—	—	4	—	—	—
Subtotal other chemicals and related products	127	17	—	62	49	—	—
3211 acyclic hydrocarbons	2	—	—	0	2	—	—
3212 benzene & toluene	0	—	—	—	0	—	—
3219 other hydrocarbons	4	—	—	4	0	—	—
3220 alcohols	1	—	—	0	1	—	—
3230 carboxylic acids	5	—	—	3	2	—	—
3240 nitrogen func. comp.	11	—	—	6	5	—	—
3250 organo - inorg. comp.	2	—	—	1	0	—	—
3260 organic comp. nec	2	—	—	1	1	—	—
3272 sulphuric acid	0	—	—	—	0	—	—
3274 sodium hydroxide	17	17	—	—	0	—	—
3275 inorg. elem., oxides, & halogen salts	3	—	—	1	1	—	—
3276 metallic salts	4	—	—	3	1	—	—
3279 inorganic chem. nec	1	—	—	1	0	—	—
3281 radioactive material	0	—	—	0	—	—	—
3282 pigments & paints	0	—	—	0	0	—	—
3283 coloring mat. nec	1	—	—	1	0	—	—
3284 medicines	5	—	—	1	4	—	—
3285 perfumes & cleansers	7	—	—	2	5	—	—
3286 plastics	45	—	—	27	19	—	—
3291 pesticides	0	—	—	—	0	—	—
3292 starches, gluten, glue	0	—	—	0	0	—	—
3297 chemical additives	0	—	—	0	0	—	—
3299 chem. products nec	16	—	—	9	6	—	—
Total crude materials, inedible except fuels	64	—	—	49	15	—	—
Subtotal forest products, wood and chips	4	—	—	4	0	—	—
4150 fuel wood	0	—	—	—	0	—	—
4189 lumber	4	—	—	4	0	—	—
4190 forest products nec	0	—	—	0	0	—	—
Subtotal pulp and waste paper	0	—	—	—	0	—	—
4225 pulp & waste paper	0	—	—	—	0	—	—
Subtotal soil, sand, gravel, rock and stone	1	—	—	0	1	—	—
4323 gypsum	0	—	—	—	0	—	—
4331 sand & gravel	1	—	—	0	1	—	—
Subtotal non-ferrous ores and scrap	0	—	—	0	0	—	—
4650 aluminum ore	0	—	—	—	0	—	—
4680 non-ferrous scrap	0	—	—	0	—	—	—
4690 non-ferrous ores nec	0	—	—	—	0	—	—
Subtotal sulphur, clay and salt	15	—	—	2	13	—	—
4741 sulphur, (dry)	0	—	—	0	—	—	—
4782 clay & refrac. mat.	15	—	—	2	13	—	—
Subtotal other non-metal. min.	44	—	—	44	0	—	—
4900 non-metal. min. nec	44	—	—	44	0	—	—
Total primary manufactured goods	83	—	—	59	15	—	9
Subtotal paper products	28	—	—	15	5	—	9
5110 newsprint	9	—	—	—	—	—	9
5120 paper & paperboard	19	—	—	14	4	—	—
5190 paper products nec	1	—	—	1	0	—	—
Subtotal lime, cement and glass	17	—	—	11	6	—	—
5240 glass & glass prod.	11	—	—	7	4	—	—
5290 misc. mineral prod.	6	—	—	4	2	—	—

JAMES RIVER BELOW RICHMOND, VA (INCLUDED IN JAMES RIVER CONSOLIDATED REPORT)
Freight Traffic, 2002 - continued
(thousand short tons)

Commodity	Total	Foreign				Canadian	
		Inbound	Outbound	Through		Outbound	Through
				Upbound*	Downbnd*	Upbound	
Subtotal primary iron and steel products	13	---	---	9	4	---	---
5312 pig iron	3	---	---	0	3	---	---
5315 ferro alloys	0	---	---	---	0	---	---
5320 i&s primary forms	2	---	---	2	---	---	---
5330 i&s plates & sheets	2	---	---	2	0	---	---
5360 i&s bars & shapes	3	---	---	3	0	---	---
5370 i&s pipe & tube	2	---	---	2	---	---	---
5390 primary i&s nec	0	---	---	0	0	---	---
Subtotal primary non-ferrous metal products	18	---	---	17	1	---	---
5421 copper	1	---	---	1	0	---	---
5422 aluminum	7	---	---	7	0	---	---
5429 smelted prod. nec	4	---	---	3	1	---	---
5480 fab. metal products	6	---	---	6	0	---	---
Subtotal primary wood products	8	---	---	8	---	---	---
5540 primary wood prod.	8	---	---	8	---	---	---
Total food and farm products	53	---	---	5	48	---	---
Subtotal vegetable products	0	---	---	0	0	---	---
6654 vegetables & prod.	0	---	---	0	0	---	---
Subtotal other agricultural products	52	---	---	5	48	---	---
6839 animals & prod. nec	0	---	---	0	---	---	---
6871 coffee	0	---	---	0	---	---	---
6872 cocoa beans	0	---	---	0	---	---	---
6885 alcoholic beverages	0	---	---	0	---	---	---
6889 food products nec	2	---	---	2	0	---	---
6891 tobacco & products	49	---	---	2	47	---	---
6893 cotton	0	---	---	---	0	---	---
6894 natural fibers nec	0	---	---	0	0	---	---
Total all manufactured equipment, machinery and products	89	---	---	44	46	---	---
7110 machinery (not elec)	24	---	---	17	6	---	---
7120 electrical machinery	5	---	---	2	3	---	---
7210 vehicles & parts	6	---	---	6	1	---	---
7220 aircraft & parts	0	---	---	0	0	---	---
7230 ships & boats	0	---	---	0	---	---	---
7300 ordnance & access.	0	---	---	0	---	---	---
7400 manufac. wood prod.	1	---	---	1	0	---	---
7500 textile products	33	---	---	9	24	---	---
7600 rubber & plastic pr.	11	---	---	5	7	---	---
7900 manufac. prod. nec	9	---	---	4	4	---	---
Total unknown or not elsewhere classified	12	---	---	11	1	---	---
9900 unknown or nec	12	---	---	11	1	---	---
Ton-miles (x1000) Foreign & Canadian	64,548	1,145	20,461	20,017	21,109	1,072	744

Commodity	Total	Coastwise		
		Receipts	Shipments	Through Upbound
Total, all commodities	64	6	19	39
Total petroleum and petroleum products	41	1	---	39
Subtotal petroleum products	41	1	---	39
2211 gasoline	2	---	---	2
2430 asphalt, tar & pitch	38	1	---	37
Total chemicals and related products	24	5	19	---
Subtotal fertilizers	19	---	19	---
3110 nitrogenous fert.	13	---	13	---
3190 fert. & mixes nec	6	---	6	---
Subtotal other chemicals and related products	5	5	---	---
3220 alcohols	5	5	---	---
Ton-miles (x1000) Coastwise	5,055	397	1,281	3,378

JAMES RIVER BELOW RICHMOND, VA (INCLUDED IN JAMES RIVER CONSOLIDATED REPORT)
 Freight Traffic, 2002 - continued
 (thousand short tons)

Commodity	Total	Internal				
		Inbound		Outbound	Through	
		Upbound	Downbnd	Downbnd	Upbound	Downbnd
Total, all commodities	3,658	519	181	644	506	1,808
Total petroleum and petroleum products	509	205	15	—	117	173
Subtotal petroleum products	509	205	15	—	117	173
2211 gasoline	78	16	—	—	6	57
2330 distillate fuel oil	199	34	15	—	34	116
2340 residual fuel oil	101	24	—	—	77	—
2430 asphalt, tar & pitch	130	130	—	—	—	—
Total chemicals and related products	530	253	—	277	—	—
Subtotal fertilizers	277	—	—	277	—	—
3110 nitrogenous fert.	265	—	—	265	—	—
3190 fert. & mixes nec	12	—	—	12	—	—
Subtotal other chemicals and related products	253	253	—	—	—	—
3220 alcohols	253	253	—	—	—	—
Total crude materials, inedible except fuels	2,619	60	167	367	389	1,635
Subtotal soil, sand, gravel, rock and stone	2,474	60	167	222	389	1,635
4331 sand & gravel	2,474	60	167	222	389	1,635
Subtotal marine shells	145	—	—	145	—	—
4515 marine shells	145	—	—	145	—	—
Total primary manufactured goods	0	0	—	—	—	—
Subtotal lime, cement and glass	0	0	—	—	—	—
5290 misc. mineral prod.	0	0	—	—	—	—
Total waste and scrap nec	0	—	—	—	—	0
8900 waste and scrap nec	0	—	—	—	—	0
Ton-miles (x1000)	221,518	31,363	7,761	34,881	15,863	131,650
Internal						
Tons All Traffic (x1000)	4,543					
Ton-miles All Traffic (x1000)	291,147					
Total Trip-ton-miles internal and intraport (x1000)	471,198					

*Includes 113 tons of foreign upbound through in-transits; Includes 1,235 tons of foreign downbound through in-transits.

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
1993	1,256	1996	1,395	1999	1,330	2002	1,108
1994	916	1997	1,362	2000	1,024		
1995	935	1998	1,183	2001	510		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic				
		Inbound	Outbound	Outbound	Total	Coastwise		Internal	
					Receipts	Shipments	Receipts	Shipments	
Total, all commodities	1,108	17	301	16	775	6	19	473	277
Total petroleum and petroleum products	221	---	---	---	221	1	---	219	---
Subtotal petroleum products	221	---	---	---	221	1	---	219	---
2211 gasoline	16	---	---	---	16	---	---	16	---
2330 distillate fuel oil	49	---	---	---	49	---	---	49	---
2340 residual fuel oil	24	---	---	---	24	---	---	24	---
2430 asphalt, tar & pitch	132	---	---	---	132	1	---	130	---
Total chemicals and related products	888	17	301	16	554	5	19	253	277
Subtotal fertilizers	613	---	301	16	296	---	19	---	277
3110 nitrogenous fert.	595	---	301	16	278	---	13	---	265
3190 fert. & mixes nec	18	---	---	---	18	---	6	---	12
Subtotal other chemicals and related products	275	17	---	---	258	5	---	253	---
3220 alcohols	258	---	---	---	258	5	---	253	---
3274 sodium hydroxide	17	17	---	---	---	---	---	---	---
Total primary manufactured goods	0	---	---	---	0	---	---	0	---
Subtotal lime, cement and glass	0	---	---	---	0	---	---	0	---
5290 misc. mineral prod.	0	---	---	---	0	---	---	0	---

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
1993	6,851	1996	7,540	1999	6,417	2002	4,543
1994	5,387	1997	7,146	2000	6,476		
1995	5,988	1998	6,572	2001	5,346		

Freight Traffic, 2002 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound	Outbound
Total, all commodities	821	250	546	9	16
Total coal	0	0	---	---	---
1200 coal coke	0	0	---	---	---
Total petroleum and petroleum products	0	0	0	---	---
Subtotal petroleum products	0	0	0	---	---
2350 lube oil & greases	0	0	0	---	---
2429 naphtha & solvents	0	---	0	---	---
2540 petroleum coke	0	0	---	---	---
Total chemicals and related products	520	82	422	---	16
Subtotal fertilizers	393	4	373	---	16
3110 nitrogenous fert.	389	---	373	---	16
3190 fert. & mixes nec	4	4	---	---	---
Subtotal other chemicals and related products	127	79	49	---	---
3211 acyclic hydrocarbons	2	0	2	---	---
3212 benzene & toluene	0	---	0	---	---
3219 other hydrocarbons	4	4	0	---	---
3220 alcohols	1	0	1	---	---
3230 carboxylic acids	5	3	2	---	---
3240 nitrogen func. comp.	11	6	5	---	---

JAMES RIVER, VA (CONSOLIDATED REPORT)
Freight Traffic, 2002 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound	Outbound
3250 organo - inorg. comp.	2	1	0	---	---
3260 organic comp. nec	2	1	1	---	---
3272 sulphuric acid	0	---	0	---	---
3274 sodium hydroxide	17	17	0	---	---
3275 inorg. elem., oxides, & halogen salts	3	1	1	---	---
3276 metallic salts	4	3	1	---	---
3279 inorganic chem. nec	1	1	0	---	---
3281 radioactive material	0	0	---	---	---
3282 pigments & paints	0	0	0	---	---
3283 coloring mat. nec	1	1	0	---	---
3284 medicines	5	1	4	---	---
3285 perfumes & cleansers	7	2	5	---	---
3286 plastics	45	27	19	---	---
3291 pesticides	0	---	0	---	---
3292 starches, gluten, glue	0	0	0	---	---
3297 chemical additives	0	0	0	---	---
3299 chem. products nec	16	9	6	---	---
Total crude materials, inedible except fuels	64	49	15	---	0
Subtotal forest products, wood and chips	4	4	0	---	---
4150 fuel wood	0	---	0	---	---
4189 lumber	4	4	0	---	---
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	1	0	1	---	---
4323 gypsum	0	---	0	---	---
4331 sand & gravel	1	0	1	---	---
Subtotal non-ferrous ores and scrap	0	0	0	---	---
4650 aluminum ore	0	---	0	---	---
4680 non-ferrous scrap	0	0	---	---	---
4690 non-ferrous ores nec	0	---	0	---	---
Subtotal sulphur, clay and salt	15	2	13	---	---
4741 sulphur, (dry)	0	0	---	---	---
4782 clay & refrac. mat.	15	2	13	---	---
Subtotal other non-metal. min.	44	44	0	---	---
4900 non-metal. min. nec	44	44	0	---	---
Total primary manufactured goods	83	59	15	9	0
Subtotal paper products	28	15	5	9	0
5110 newsprint	9	---	---	9	---
5120 paper & paperboard	19	14	4	---	0
5190 paper products nec	1	1	0	---	---
Subtotal lime, cement and glass	17	11	6	---	---
5240 glass & glass prod.	11	7	4	---	---
5290 misc. mineral prod.	6	4	2	---	---
Subtotal primary iron and steel products	13	9	4	---	---
5312 pig iron	3	0	3	---	---
5315 ferro alloys	0	---	0	---	---
5320 i&s primary forms	2	2	---	---	---
5330 i&s plates & sheets	2	2	0	---	---
5360 i&s bars & shapes	3	3	0	---	---
5370 i&s pipe & tube	2	2	---	---	---
5390 primary i&s nec	0	0	0	---	---
Subtotal primary non-ferrous metal products	18	17	1	---	---
5421 copper	1	1	0	---	---
5422 aluminum	7	7	0	---	---
5429 smelted prod. nec	4	3	1	---	---
5480 fab. metal products	6	6	0	---	---
Subtotal primary wood products	8	8	---	---	---
5540 primary wood prod.	8	8	---	---	---
Total food and farm products	53	5	48	---	---
Subtotal vegetable products	0	0	0	---	---
6654 vegetables & prod.	0	0	0	---	---
Subtotal other agricultural products	52	5	48	---	---
6839 animals & prod. nec	0	0	---	---	---
6871 coffee	0	0	---	---	---
6872 cocoa beans	0	0	---	---	---
6885 alcoholic beverages	0	0	---	---	---
6889 food products nec	2	2	0	---	---
6891 tobacco & products	49	2	47	---	---
6893 cotton	0	---	0	---	---
6894 natural fibers nec	0	0	0	---	---
Total all manufactured equipment, machinery and products	89	44	46	---	---
7110 machinery (not elec)	24	17	6	---	---
7120 electrical machinery	5	2	3	---	---
7210 vehicles & parts	6	6	1	---	---

JAMES RIVER, VA (CONSOLIDATED REPORT)
Freight Traffic, 2002 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound	Outbound
7220 aircraft & parts	0	0	0	—	—
7230 ships & boats	0	0	—	—	—
7300 ordnance & access.	0	0	—	—	—
7400 manufac. wood prod.	1	1	0	—	—
7500 textile products	33	9	24	—	—
7600 rubber & plastic pr.	11	5	7	—	—
7900 manufac. prod. nec	9	4	4	—	—
Total unknown or not elsewhere classified	12	11	1	—	—
9900 unknown or nec	12	11	1	—	—
Ton-miles (x1000) Foreign & Canadian	65,061	21,395	41,815	753	1,098

Commodity	Total	Domestic						
		Coastwise		Internal				
		Receipts	Shipments	Inbound	Outbound	Through	Intra	
				Upbound	Downbnd	Downbnd	Downbnd	Downbnd
Total, all commodities	3,723	45	19	1,025	167	961	1,492	15
Total petroleum and petroleum products	550	41	—	321	—	173	—	15
Subtotal petroleum products	550	41	—	321	—	173	—	15
2211 gasoline	81	2	—	22	—	57	—	—
2330 distillate fuel oil	199	—	—	68	—	116	—	15
2340 residual fuel oil	101	—	—	101	—	—	—	—
2430 asphalt, tar & pitch	169	38	—	130	—	—	—	—
Total chemicals and related products	554	5	19	253	—	277	—	—
Subtotal fertilizers	296	—	19	—	—	277	—	—
3110 nitrogenous fert.	278	—	13	—	—	265	—	—
3190 fert. & mixes nec	18	—	6	—	—	12	—	—
Subtotal other chemicals and related products	258	5	—	253	—	—	—	—
3220 alcohols	258	5	—	253	—	—	—	—
Total crude materials, inedible except fuels	2,619	—	—	450	167	511	1,492	—
Subtotal soil, sand, gravel, rock and stone	2,474	—	—	450	167	366	1,492	—
4331 sand & gravel	2,474	—	—	450	167	366	1,492	—
Subtotal marine shells	145	—	—	—	—	145	—	—
4515 marine shells	145	—	—	—	—	145	—	—
Total primary manufactured goods	0	—	—	0	—	—	—	—
Subtotal lime, cement and glass	0	—	—	0	—	—	—	—
5290 misc. mineral prod.	0	—	—	0	—	—	—	—
Total waste and scrap nec	0	—	—	—	—	0	—	—
8900 waste and scrap nec	0	—	—	—	—	0	—	—
Ton-miles (x1000) Domestic	227,428	3,848	1,281	47,847	7,500	62,256	104,427	269
Tons All Traffic (x1000)		4,543						
Ton-miles All Traffic (x1000)		292,488						
Total Trip-ton-miles internal and intraport (x1000)		471,198						

*Includes 113 tons of foreign inbound in-transits; Includes 1,235 tons of foreign outbound in-transits.

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
1993	4,181	1996	4,630	1999	4,135	2002	2,108
1994	3,020	1997	4,150	2000	4,237		
1995	3,610	1998	4,245	2001	3,695		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Domestic
		Internal
		Outbound
		Downbnd
Total, all commodities	2,108	2,108
Total crude materials, inedible except fuels	2,108	2,108
Subtotal soil, sand, gravel, rock and stone	2,108	2,108
4331 sand & gravel	2,108	2,108
Ton-miles (x1000)	16,865	16,865
Tons All Traffic (x1000)	2,108	
Ton-miles All Traffic (x1000)	16,865	
Total Trip-ton-miles internal and intraport (x1000)	168,222	

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
1993	1,519	1996	1,513	1999	938	2002	480
1994	1,252	1997	1,214	2000	810		
1995	1,381	1998	983	2001	879		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Internal		
		Inbound	Through	
		Downbnd	Upbound	Downbnd
Total, all commodities	480	377	77	26
Total petroleum and petroleum products	22	22	---	---
Subtotal petroleum products	22	22	---	---
2211 gasoline	22	22	---	---
Total chemicals and related products	37	---	28	9
Subtotal fertilizers	37	---	28	9
3110 nitrogenous fert.	17	---	8	9
3190 fert. & mixes nec	20	---	20	---
Total crude materials, inedible except fuels	382	356	10	16
Subtotal forest products, wood and chips	10	---	10	---
4161 wood chips	10	---	10	---
Subtotal soil, sand, gravel, rock and stone	358	356	---	2
4331 sand & gravel	358	356	---	2
Subtotal slag	14	---	---	14
4860 slag	14	---	---	14
Total food and farm products	39	---	39	---
Subtotal grain	12	---	12	---
6241 wheat	2	---	2	---
6344 corn	10	---	10	---
Subtotal oilseeds	27	---	27	---
6522 soybeans	27	---	27	---
Total all manufactured equipment, machinery and products	0	---	---	0
7110 machinery (not elec)	0	---	---	0
7230 ships & boats	0	---	---	0
Ton-miles (x1000)	4,738	2,084	1,991	663
Tons All Traffic (x1000)	480			
Ton-miles All Traffic (x1000)	4,738			
Total Trip-ton-miles internal and intraport (x1000)	65,071			

PAMUNKEY RIVER, VA

Section Included: A channel 12 feet deep and 100 feet wide to Cumberland Landing 20 miles; thence 8 feet deep to White House 32 miles; and 4 feet to end of project 50 miles. Controlling Depth: 7 feet, Project Depth: 12 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1993	503	1996	545	1999	564	2002	309
1994	548	1997	725	2000	432		
1995	528	1998	507	2001	455		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Internal	
		Inbound Upbound	Outbound Downbnd
Total, all commodities	309	304	5
Total petroleum and petroleum products	51	51	---
Subtotal petroleum products	51	51	---
2340 residual fuel oil	51	51	---
Total chemicals and related products	25	25	---
Subtotal fertilizers	1	1	---
3110 nitrogenous fert.	1	1	---
Subtotal other chemicals and related products	24	24	---
3274 sodium hydroxide	24	24	---
Total crude materials, inedible except fuels	228	228	---
Subtotal forest products, wood and chips	228	228	---
4161 wood chips	228	228	---
Total food and farm products	5	---	5
Subtotal grain	5	---	5
6344 corn	5	---	5
Ton-miles (x1000)	309	304	5
Tons All Traffic (x1000)	309		
Ton-miles All Traffic (x1000)	309		
Total Trip-ton-miles internal and intraport (x1000)	39,721		

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
1993	5,478	1996	6,974	1999	5,465	2002	4,697
1994	6,944	1997	5,495	2000	5,420		
1995	6,057	1998	5,540	2001	6,508		

Freight Traffic, 2002 (thousand short tons)

Commodity	Total	Foreign	Canadian
		Inbound	Inbound
Total, all commodities	1,162	1,046	116
Total petroleum and petroleum products	1,129	1,013	116
Subtotal crude petroleum	867	750	116
2100 crude petroleum	867	750	116
Subtotal petroleum products	263	263	---
2340 residual fuel oil	217	217	---
2429 naphtha & solvents	46	46	---
Total chemicals and related products	32	32	---
Subtotal other chemicals and related products	32	32	---
3260 organic comp. nec	32	32	---
Ton-miles (x1000)	9,295	8,366	929
Foreign & Canadian			

YORK RIVER, VA
Freight Traffic, 2002 - continued
(thousand short tons)

Commodity	Total	Domestic					
		Coastwise		Internal			
		Receipts	Shipments	Inbound Upbound	Outbound Downbnd	Through Upbound Downbnd	
Total, all commodities	3,535	163	1,075	378	1,608	304	5
Total petroleum and petroleum products	3,209	133	1,075	350	1,600	51	—
Subtotal crude petroleum	62	19	—	43	—	—	—
2100 crude petroleum	62	19	—	43	—	—	—
Subtotal petroleum products	3,147	114	1,075	306	1,600	51	—
2211 gasoline	1,640	61	487	—	1,092	—	—
2330 distillate fuel oil	1,123	25	527	101	470	—	—
2340 residual fuel oil	368	28	58	199	32	51	—
2350 lube oil & greases	0	—	—	0	—	—	—
2429 naphtha & solvents	16	—	3	7	7	—	—
Total chemicals and related products	62	30	—	1	5	25	—
Subtotal fertilizers	1	—	—	—	—	1	—
3110 nitrogenous fert.	1	—	—	—	—	1	—
Subtotal other chemicals and related products	61	30	—	1	5	24	—
3212 benzene & toluene	5	—	—	—	5	—	—
3274 sodium hydroxide	25	—	—	1	—	24	—
3297 chemical additives	30	30	—	—	—	—	—
Total crude materials, inedible except fuels	252	—	—	23	0	228	—
Subtotal forest products, wood and chips	252	—	—	23	0	228	—
4161 wood chips	251	—	—	23	—	228	—
4170 wood in the rough	0	—	—	—	0	—	—
Total primary manufactured goods	4	—	—	4	—	—	—
Subtotal lime, cement and glass	4	—	—	4	—	—	—
5290 misc. mineral prod.	4	—	—	4	—	—	—
Total food and farm products	5	—	—	—	—	—	5
Subtotal grain	5	—	—	—	—	—	5
6344 corn	5	—	—	—	—	—	5
Total waste and scrap nec	3	—	—	0	3	—	—
8900 waste and scrap nec	3	—	—	0	3	—	—
Ton-miles (x1000) Domestic	24,942	666	4,326	1,485	6,714	11,563	186
Tons All Traffic (x1000)	4,697						
Ton-miles All Traffic (x1000)	34,239						
Total Trip-ton-miles internal and intraport (x1000)	296,860						

RAPPAHANNOCK RIVER, VA

Section Included: Mouth to Fredricksburg, 107 miles. Controlling Depth: 8.7 feet to mile 43, (Tappahannock) then 6.3 feet from Tappahannock to Fredericksburg. Project Depth: 12 feet. Also includes 20,401 l.f. of crib and pile dikes and 1,906 l.f. of rip rap stone dike.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1993	279	1996	305	1999	373	2002	331
1994	332	1997	396	2000	554		
1995	316	1998	321	2001	754		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Internal			
		Inbound		Outbound	
		Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	331	3	182	2	145
Total crude materials, inedible except fuels	182	---	182	---	---
Subtotal soil, sand, gravel, rock and stone	182	---	182	---	---
4331 sand & gravel	182	---	182	---	---
Total food and farm products	147	---	---	2	145
Subtotal grain	122	---	---	2	120
6241 wheat	28	---	---	---	28
6344 corn	86	---	---	2	84
6443 barley & rye	8	---	---	---	8
Subtotal oilseeds	25	---	---	---	25
6522 soybeans	25	---	---	---	25
Total waste and scrap nec	3	3	---	---	---
8900 waste and scrap nec	3	3	---	---	---
Ton-miles (x1000)	19,970	16	13,794	71	6,088

Tons All Traffic (x1000) 331
 Ton-miles All Traffic (x1000) 19,970
 Total Trip-ton-miles internal and intraport (x1000) 39,428

Other Harbors and Waterways 2002

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	4161 wood chips	10
	Total Tons(x1000)	10
	Total Ton-miles(x1000)	341
	Total Trip-ton-miles Internal and Intraport(x1000)	1,977
BEACH CREEK, VA	No Commerce Reported	
BROAD CREEK, VA	No Commerce Reported	
CAPE CHARLES CITY HARBOR, VA	4170 wood in the rough 4331 sand & gravel 5290 misc. mineral prod.	2 139 7
	Total Tons(x1000)	149
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	4331 sand & gravel	4
	Total Tons(x1000)	4
	Total Ton-miles(x1000)	73
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	4331 sand & gravel	4
	Total Tons(x1000)	4
	Total Ton-miles(x1000)	11
DYMERS CREEK, VA	No Commerce Reported	
GREENVALE CREEK, VA	No Commerce Reported	
HAMPTON CREEK, VA	2340 residual fuel oil 4331 sand & gravel	16 144
	Total Tons(x1000)	160
	Total Ton-miles(x1000)	431
	Total Trip-ton-miles Internal and Intraport(x1000)	15,051
HORN HARBOR, VA	No Commerce Reported	

Other Harbors and Waterways 2002 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
HOSKINS CREEK, VA	6241 wheat	28
	6344 corn	86
	6443 barley & rye	8
	6522 soybeans	25
	Total Tons(x1000)	147
	Total Ton-miles(x1000)	147
	Total Trip-ton-miles Internal and Intraport(x1000)	19,321
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	2211 gasoline	0
	2340 residual fuel oil	5
	2350 lube oil & greases	0
	2429 naphtha & solvents	0
	2540 petroleum coke	0
	3190 fert. & mixes nec	0
	3220 alcohols	0
	3240 nitrogen func. comp.	0
	3282 pigments & paints	0
	3284 medicines	0
	3285 perfumes & cleansers	0
	3286 plastics	1
	3299 chem. products nec	0
	4150 fuel wood	0
	4189 lumber	0
	4190 forest products nec	0
	4331 sand & gravel	0
	4900 non-metal. min. nec	0
	5120 paper & paperboard	0
	5190 paper products nec	0
	5240 glass & glass prod.	0
	5290 misc. mineral prod.	0
	5370 i&s pipe & tube	0
	5422 aluminum	0
	5480 fab. metal products	0
	6134 fish (not shellfish)	0
	6344 corn	0
	6521 peanuts	0
	6654 vegetables & prod.	0
	6746 wheat flour	0
	6747 grain mill products	0
	6782 animal feed, prep.	0
	6811 meat, fresh, frozen	0
	6822 dairy products	0
	6857 fruit & nuts nec	1
	6858 fruit juices	0
	6885 alcoholic beverages	0
	6888 water & ice	2
	6889 food products nec	2
	7110 machinery (not elec)	1
	7120 electrical machinery	0
	7210 vehicles & parts	2
	7220 aircraft & parts	0
	7400 manufac. wood prod.	0
7500 textile products	0	
7600 rubber & plastic pr.	0	
7900 manufac. prod. nec	0	
9900 unknown or nec	5	
	Total Tons(x1000)	21
	Total Ton-miles(x1000)	21
	Total Trip-ton-miles Internal and Intraport(x1000)	156
LOCKLIES CREEK, VA	No Commerce Reported	

Other Harbors and Waterways 2002 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
LYNHAVEN ROADS, INLET, AND CONNECTING WATERS, VA	No Commerce Reported	
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)	No Commerce Reported	
OCCOHANNOCK CREEK, VA	No Commerce Reported	
ONANCOCK RIVER, VA	4331 sand & gravel	71
	Total Tons(x1000)	71
	Total Ton-miles(x1000)	424
	Total Trip-ton-miles Internal and Intraport(x1000)	7,135
OYSTER CHANNEL, VA	No Commerce Reported	
PAGAN RIVER, VA	No Commerce Reported	
PARKER CREEK, VA	No Commerce Reported	
PARROTTS CREEK, VA	No Commerce Reported	
QUEENS CREEK, VA	No Commerce Reported	
QUINBY CREEK, VA	No Commerce Reported	
STARLINGS CREEK, VA	No Commerce Reported	
TANGIER CHANNEL, VA	2211 gasoline 2221 kerosene 2330 distillate fuel oil 2340 residual fuel oil	1 0 0 1
	Total Tons(x1000)	2
	Total Ton-miles(x1000)	2
	Total Trip-ton-miles Internal and Intraport(x1000)	188
TOTUSKEY CREEK, VA	No Commerce Reported	
TYLERS BEACH, VA	No Commerce Reported	
URBANNA CREEK, VA	No Commerce Reported	
WILLOUGHBY CHANNEL, VA	No Commerce Reported	
WINTER HARBOR, VA	No Commerce Reported	
WISHART POINT CHANNEL, VA	No Commerce Reported	

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
1993	1,405	1996	1,998	1999	1,606	2002	699
1994	1,533	1997	1,730	2000	1,467		
1995	1,405	1998	2,044	2001	952		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Internal	
		Inbound Upbound	Outbound Downbnd
Total, all commodities	699	325	374
Total petroleum and petroleum products	7	7	—
Subtotal petroleum products	7	7	—
2340 residual fuel oil	7	7	—
Total chemicals and related products	692	318	374
Subtotal fertilizers	329	38	291
3110 nitrogenous fert.	12	—	12
3120 phosphatic fert.	299	38	261
3190 fert. & mixes nec	19	—	19
Subtotal other chemicals and related products	363	280	83
3271 sulphur (liquid)	185	185	—
3272 sulphuric acid	95	95	—
3275 inorg. elem., oxides, & halogen salts	83	—	83
Ton-miles (x1000)	19,784	9,044	10,740
Tons All Traffic (x1000)	699		
Ton-miles All Traffic (x1000)	19,784		
Total Trip-ton-miles Internal and Intraport (x1000)	66,706		

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
1993	2,094	1996	2,539	1999	1,825	2002	938
1994	2,227	1997	2,276	2000	1,614		
1995	2,055	1998	2,378	2001	1,261		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Internal			
		Inbound	Outbound	Through	
		Downbnd	Upbound	Upbound	Downbnd
Total, all commodities	938	17	16	531	374
Total petroleum and petroleum products	70	0	—	70	—
Subtotal petroleum products	70	0	—	70	—
2340 residual fuel oil	70	0	—	70	—
Total chemicals and related products	728	—	—	360	369
Subtotal fertilizers	366	—	—	80	286
3110 nitrogenous fert.	47	—	—	22	25
3120 phosphatic fert.	299	—	—	38	261
3190 fert. & mixes nec	20	—	—	20	—
Subtotal other chemicals and related products	363	—	—	280	83
3271 sulphur (liquid)	185	—	—	185	—
3272 sulphuric acid	95	—	—	95	—
3275 inorg. elem., oxides, & halogen salts	83	—	—	—	83

ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA, AND THE ST. JOHNS RIVER, FL (WILMINGTON DISTRICT)
Freight Traffic, 2002 - continued
(thousand short tons)

Commodity	Grand Total	Internal			
		Inbound	Outbound	Through	
		Downbnd	Upbound	Upbound	Downbnd
Total crude materials, inedible except fuels	29	16	---	10	2
Subtotal forest products, wood and chips	10	---	---	10	---
4161 wood chips	10	---	---	10	---
Subtotal soil, sand, gravel, rock and stone	2	2	---	---	---
4331 sand & gravel	2	2	---	---	---
Subtotal slag	14	14	---	---	---
4860 slag	14	14	---	---	---
Subtotal other non-metal. min.	2	---	---	---	2
4900 non-metal. min. nec	2	---	---	---	2
Total primary manufactured goods	55	---	---	53	3
Subtotal primary non-ferrous metal products	55	---	---	53	3
5480 fab. metal products	55	---	---	53	3
Total food and farm products	54	---	16	37	---
Subtotal fish	15	---	---	15	---
6134 fish (not shellfish)	15	---	---	15	---
Subtotal grain	12	---	9	3	---
6241 wheat	2	---	2	---	---
6344 corn	10	---	7	3	---
Subtotal oilseeds	27	---	8	20	---
6522 soybeans	27	---	8	20	---
Total all manufactured equipment, machinery and products	2	---	---	2	0
7110 machinery (not elec)	0	---	---	---	0
7230 ships & boats	0	---	---	---	0
7300 ordnance & access.	2	---	---	2	---
Ton-miles (x1000)	72,721	1,565	1,066	48,380	21,710

Tons All Traffic (x1000) 938
Ton-miles All Traffic (x1000) 72,742
Total Trip-ton-miles Internal and Intraport (x1000) 136,953

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
1993	3,999	1996	5,588	1999	4,636	2002	2,097
1994	4,195	1997	5,201	2000	4,365		
1995	4,620	1998	5,260	2001	3,143		

Freight Traffic, 2002 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound*	Inbound	Outbound
Total, all commodities	1,299	734	508	37	20
Total petroleum and petroleum products	50	50	0	---	---
Subtotal petroleum products	50	50	0	---	---
2350 lube oil & greases	0	---	0	---	---
2429 naphtha & solvents	0	---	0	---	---
2540 petroleum coke	50	50	---	---	---
Total chemicals and related products	431	43	368	---	20
Subtotal fertilizers	230	8	202	---	20
3110 nitrogenous fert.	0	0	---	---	---
3120 phosphatic fert.	6	---	6	---	---
3130 potassic fert.	8	8	---	---	---
3190 fert. & mixes nec	217	---	196	---	20

MOREHEAD CITY HARBOR, NC
Freight Traffic, 2002 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound*	Inbound	Outbound
Subtotal other chemicals and related products	201	35	166	---	---
3211 acyclic hydrocarbons	0	---	0	---	---
3240 nitrogen func. comp.	0	---	0	---	---
3250 organo - inorg. comp.	0	0	---	---	---
3272 sulphuric acid	25	25	0	---	---
3275 inorg. elem., oxides, & halogen salts	110	---	110	---	---
3276 metallic salts	64	9	55	---	---
3282 pigments & paints	0	---	0	---	---
3286 plastics	0	0	---	---	---
3293 explosives	1	1	---	---	---
Total crude materials, inedible except fuels	635	510	125	---	---
Subtotal forest products, wood and chips	280	158	122	---	---
4110 rubber & gums	158	158	---	---	---
4161 wood chips	121	---	121	---	---
4170 wood in the rough	0	0	---	---	---
4189 lumber	1	0	1	---	---
4190 forest products nec	0	0	---	---	---
Subtotal soil, sand, gravel, rock and stone	3	---	3	---	---
4331 sand & gravel	3	---	3	---	---
Subtotal non-ferrous ores and scrap	4	4	---	---	---
4690 non-ferrous ores nec	4	4	---	---	---
Subtotal sulphur, clay and salt	267	267	---	---	---
4741 sulphur, (dry)	267	267	---	---	---
Subtotal other non-metal. min.	81	81	---	---	---
4900 non-metal. min. nec	81	81	---	---	---
Total primary manufactured goods	106	62	8	37	---
Subtotal paper products	0	0	---	---	---
5190 paper products nec	0	0	---	---	---
Subtotal lime, cement and glass	3	---	3	---	---
5210 lime	3	---	3	---	---
Subtotal primary iron and steel products	57	52	5	---	---
5312 pig iron	46	46	---	---	---
5330 i&s plates & sheets	0	0	---	---	---
5360 i&s bars & shapes	5	---	5	---	---
5370 i&s pipe & tube	6	6	---	---	---
Subtotal primary non-ferrous metal products	39	2	0	37	---
5422 aluminum	1	1	---	---	---
5429 smelted prod. nec	37	---	---	37	---
5480 fab. metal products	1	1	0	---	---
Subtotal primary wood products	7	7	---	---	---
5540 primary wood prod.	7	7	---	---	---
Total food and farm products	57	57	---	---	---
Subtotal processed grain and animal feed	19	19	---	---	---
6782 animal feed, prep.	19	19	---	---	---
Subtotal other agricultural products	38	38	---	---	---
6835 fish, prepared	4	4	---	---	---
6871 coffee	33	33	---	---	---
Total all manufactured equipment, machinery and products	15	11	5	---	---
7110 machinery (not elec)	2	0	2	---	---
7120 electrical machinery	1	1	0	---	---
7210 vehicles & parts	1	---	1	---	---
7220 aircraft & parts	0	---	0	---	---
7230 ships & boats	0	0	0	---	---
7300 ordnance & access.	2	0	2	---	---
7400 manufac. wood prod.	0	0	---	---	---
7500 textile products	0	0	---	---	---
7600 rubber & plastic pr.	9	9	0	---	---
7900 manufac. prod. nec	0	---	0	---	---
Total unknown or not elsewhere classified	4	1	3	---	---
9900 unknown or nec	4	1	3	---	---

Commodity	Total	Domestic			
		Coastwise		Internal	
		Receipts	Shipments	Receipts	Shipments
Total, all commodities	798	98	6	346	348
Total petroleum and petroleum products	4	4	---	0	---
Subtotal petroleum products	4	4	---	0	---
2340 residual fuel oil	0	---	---	0	---
2430 asphalt, tar & pitch	4	4	---	---	---
Total chemicals and related products	735	41	6	344	345
Subtotal fertilizers	357	25	6	261	65
3110 nitrogenous fert.	51	25	---	---	26
3120 phosphatic fert.	299	---	---	261	38

MOREHEAD CITY HARBOR, NC
Freight Traffic, 2002 - continued
(thousand short tons)

Commodity	Total	Domestic			
		Coastwise		Internal	
		Receipts	Shipments	Receipts	Shipments
3190 fert. & mixes nec	7	—	6	—	1
Subtotal other chemicals and related products	378	15	—	83	280
3271 sulphur (liquid)	185	—	—	—	185
3272 sulphuric acid	95	—	—	—	95
3274 sodium hydroxide	15	15	—	—	—
3275 inorg. elem., oxides, & halogen salts	83	—	—	83	—
Total crude materials, inedible except fuels	56	54	—	—	2
Subtotal iron ore and scrap	54	54	—	—	—
4420 iron & steel scrap	54	54	—	—	—
Subtotal other non-metal. min.	2	—	—	—	2
4900 non-metal. min. nec	2	—	—	—	2
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	—	—
Total all manufactured equipment, machinery and products	2	—	—	2	—
7300 ordnance & access.	2	—	—	2	—

*Includes 16,853 tons of foreign outbound in-transits.

PORT OF WILMINGTON, NC (SEE ALSO WILMINGTON HARBOR NC FOR WATERWAY DATA)

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
1993	7,509	1996	7,582	1999	6,503	2002	6,504
1994	7,697	1997	7,441	2000	6,717		
1995	7,861	1998	7,410	2001	6,206		

Freight Traffic, 2002 (thousand short tons)

Commodity	Total	Foreign		Canadian
		Inbound*	Outbound*	Inbound
Total, all commodities	3,111	1,913	878	320
Total coal	40	40	0	—
1100 coal lignite	40	40	0	—
1200 coal coke	0	0	—	—
Total petroleum and petroleum products	268	268	1	—
Subtotal petroleum products	268	268	1	—
2211 gasoline	146	146	—	—
2221 kerosene	0	—	0	—
2330 distillate fuel oil	17	17	—	—
2340 residual fuel oil	104	104	—	—
2350 lube oil & greases	1	0	0	—
2410 petro. jelly & waxes	2	2	0	—
2429 naphtha & solvents	0	—	0	—
2540 petroleum coke	0	—	0	—
Total chemicals and related products	650	602	35	13
Subtotal fertilizers	65	65	0	—
3110 nitrogenous fert.	31	31	—	—
3120 phosphatic fert.	0	0	—	—
3130 potassic fert.	22	22	—	—
3190 fert. & mixes nec	12	12	0	—
Subtotal other chemicals and related products	585	537	35	13
3211 acyclic hydrocarbons	2	2	—	—
3212 benzene & toluene	0	—	0	—
3219 other hydrocarbons	19	19	0	—
3220 alcohols	468	455	0	13
3230 carboxylic acids	3	0	2	—
3240 nitrogen func. comp.	0	0	0	—
3260 organic comp. nec	35	35	0	—
3272 sulphuric acid	0	—	0	—
3274 sodium hydroxide	7	7	0	—
3275 inorg. elem., oxides, & halogen salts	11	10	1	—
3276 metallic salts	0	0	0	—
3282 pigments & paints	0	0	0	—
3283 coloring mat. nec	0	0	—	—
3284 medicines	0	0	—	—

PORT OF WILMINGTON, NC (SEE ALSO WILMINGTON HARBOR NC FOR WATERWAY DATA)
 Freight Traffic, 2002 - continued
 (thousand short tons)

Commodity	Total	Foreign		Canadian
		Inbound*	Outbound*	Inbound
3285 perfumes & cleansers	1	0	0	—
3286 plastics	29	6	23	—
3291 pesticides	0	0	0	—
3292 starches, gluten, glue	1	—	1	—
3293 explosives	2	0	2	—
3297 chemical additives	1	—	1	—
3299 chem. products nec	6	2	4	—
Total crude materials, inedible except fuels	1,277	389	594	293
Subtotal forest products, wood and chips	241	170	71	—
4110 rubber & gums	0	0	0	—
4170 wood in the rough	30	28	1	—
4189 lumber	210	142	68	—
4190 forest products nec	1	0	1	—
Subtotal pulp and waste paper	514	0	514	—
4225 pulp & waste paper	514	0	514	—
Subtotal soil, sand, gravel, rock and stone	293	0	0	293
4310 building stone	0	0	—	—
4322 limestone	0	—	0	—
4323 gypsum	293	—	—	293
4331 sand & gravel	0	0	0	—
Subtotal non-ferrous ores and scrap	1	—	1	—
4680 non-ferrous scrap	1	—	1	—
Subtotal sulphur, clay and salt	1	0	1	—
4741 sulphur, (dry)	0	0	—	—
4782 clay & refrac. mat.	1	—	1	—
Subtotal other non-metal. min.	226	219	8	—
4900 non-metal. min. nec	226	219	8	—
Total primary manufactured goods	286	205	81	—
Subtotal paper products	43	2	41	—
5120 paper & paperboard	41	1	40	—
5190 paper products nec	2	1	1	—
Subtotal lime, cement and glass	5	4	1	—
5210 lime	1	—	1	—
5220 cement & concrete	0	0	—	—
5240 glass & glass prod.	0	0	0	—
5290 misc. mineral prod.	4	4	0	—
Subtotal primary iron and steel products	117	116	1	—
5312 pig iron	0	0	—	—
5315 ferro alloys	1	1	—	—
5320 i&s primary forms	24	24	0	—
5330 i&s plates & sheets	54	54	0	—
5360 i&s bars & shapes	20	20	0	—
5370 i&s pipe & tube	16	15	1	—
5390 primary i&s nec	2	2	0	—
Subtotal primary non-ferrous metal products	97	61	36	—
5421 copper	3	0	3	—
5422 aluminum	4	4	0	—
5429 smelted prod. nec	32	0	32	—
5480 fab. metal products	58	57	1	—
Subtotal primary wood products	25	23	2	—
5540 primary wood prod.	25	23	2	—
Total food and farm products	286	142	130	14
Subtotal fish	0	0	0	—
6134 fish (not shellfish)	0	0	0	—
6136 shellfish	0	0	—	—
Subtotal grain	33	30	3	—
6241 wheat	30	30	—	—
6442 rice	4	0	3	—
Subtotal oilseeds	117	104	13	—
6590 oilseeds nec	117	104	13	—
Subtotal vegetable products	1	0	0	—
6653 vegetable oils	0	—	0	—
6654 vegetables & prod.	1	0	0	—
Subtotal processed grain and animal feed	9	0	9	—
6747 grain mill products	0	0	0	—
6782 animal feed, prep.	9	0	9	—
Subtotal other agricultural products	125	7	104	14
6811 meat, fresh, frozen	53	—	53	—
6817 meat, prepared	17	—	17	—
6822 dairy products	0	—	0	—
6835 fish, prepared	0	0	—	—
6838 tallow, animal oils	0	—	0	—
6839 animals & prod. nec	27	0	13	14
6857 fruit & nuts nec	0	—	0	—
6858 fruit juices	0	0	0	—
6871 coffee	0	—	0	—
6885 alcoholic beverages	0	0	0	—
6888 water & ice	0	—	0	—
6889 food products nec	1	0	1	—
6891 tobacco & products	17	7	11	—
6893 cotton	8	—	8	—
6894 natural fibers nec	0	0	0	—

PORT OF WILMINGTON, NC (SEE ALSO WILMINGTON HARBOR NC FOR WATERWAY DATA)
 Freight Traffic, 2002 - continued
 (thousand short tons)

Commodity	Total	Foreign		Canadian
		Inbound*	Outbound*	Inbound
Total all manufactured equipment, machinery and products	253	235	18	---
7110 machinery (not elec)	31	25	6	---
7120 electrical machinery	15	12	3	---
7210 vehicles & parts	7	5	2	---
7220 aircraft & parts	0	0	0	---
7230 ships & boats	0	0	0	---
7300 ordnance & access.	0	0	0	---
7400 manufac. wood prod.	25	25	0	---
7500 textile products	39	36	3	---
7600 rubber & plastic pr.	28	27	1	---
7900 manufac. prod. nec	107	105	2	---
Total unknown or not elsewhere classified	51	32	19	---
9900 unknown or nec	51	32	19	---

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Total, all commodities	3,393	2,478	3	32	875	6
Total coal	40	---	---	---	40	---
1100 coal lignite	40	---	---	---	40	---
Total petroleum and petroleum products	1,767	1,387	---	7	368	6
Subtotal petroleum products	1,767	1,387	---	7	368	6
2211 gasoline	690	689	---	0	---	---
2330 distillate fuel oil	171	171	---	1	---	---
2340 residual fuel oil	744	364	---	6	368	6
2429 naphtha & solvents	7	7	---	---	---	---
2430 asphalt, tar & pitch	156	156	---	---	---	---
2640 liquid natural gas	0	---	---	0	---	---
Total chemicals and related products	1,534	1,089	3	0	442	---
Subtotal other chemicals and related products	1,534	1,089	3	0	442	---
3212 benzene & toluene	3	3	---	---	---	---
3219 other hydrocarbons	1,311	954	---	---	357	---
3220 alcohols	99	12	3	---	83	---
3274 sodium hydroxide	119	119	---	---	---	---
3276 metallic salts	0	---	---	0	---	---
3286 plastics	0	---	---	0	---	---
3298 wood & resin chem.	2	---	---	---	2	---
Total crude materials, inedible except fuels	37	---	---	15	23	---
Subtotal forest products, wood and chips	4	---	---	4	---	---
4170 wood in the rough	0	---	---	0	---	---
4189 lumber	3	---	---	3	---	---
Subtotal pulp and waste paper	22	---	---	---	22	---
4225 pulp & waste paper	22	---	---	---	22	---
Subtotal soil, sand, gravel, rock and stone	12	---	---	11	1	---
4331 sand & gravel	12	---	---	11	1	---
Total primary manufactured goods	11	2	---	9	---	---
Subtotal lime, cement and glass	9	---	---	9	---	---
5290 misc. mineral prod.	9	---	---	9	---	---
Subtotal primary iron and steel products	2	2	---	0	---	---
5360 i&s bars & shapes	0	---	---	0	---	---
5370 i&s pipe & tube	0	---	---	0	---	---
5390 primary i&s nec	2	2	---	---	---	---
Subtotal primary non-ferrous metal products	0	---	---	0	---	---
5480 fab. metal products	0	---	---	0	---	---
Total food and farm products	0	---	---	0	---	---
Subtotal other agricultural products	0	---	---	0	---	---
6899 farm products nec	0	---	---	0	---	---
Total all manufactured equipment, machinery and products	4	1	---	1	2	---
7110 machinery (not elec)	1	1	---	0	---	---
7300 ordnance & access.	2	---	---	---	2	---
7400 manufac. wood prod.	1	---	---	1	---	---
7900 manufac. prod. nec	0	---	---	0	---	---

*Includes 245 tons of foreign inbound in-transits; Includes 13,432 tons of foreign outbound in-transits.

WILMINGTON HARBOR, NC (SEE ALSO PORT OF WILMINGTON, NC FOR PORT DATA)

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
1993	7,813	1996	8,121	1999	7,604	2002	7,460
1994	7,913	1997	8,131	2000	7,788		
1995	8,111	1998	8,030	2001	7,287		

Freight Traffic, 2002 (thousand short tons)

Commodity	Total	Foreign				Canadian
		Inbound*	Outbound*	Through Upbound Downbnd	Inbound	
Total, all commodities	3,711	1,913	878	545	7	367
Total coal	40	40	0	—	—	—
1100 coal lignite	40	40	0	—	—	—
1200 coal coke	0	0	—	—	—	—
Total petroleum and petroleum products	268	268	1	—	—	—
Subtotal petroleum products	268	268	1	—	—	—
2211 gasoline	146	146	—	—	—	—
2221 kerosene	0	—	0	—	—	—
2330 distillate fuel oil	17	17	—	—	—	—
2340 residual fuel oil	104	104	—	—	—	—
2350 lube oil & greases	1	0	0	—	—	—
2410 petro. jelly & waxes	2	2	0	—	—	—
2429 naphtha & solvents	0	—	0	—	—	—
2540 petroleum coke	0	—	0	—	—	—
Total chemicals and related products	1,103	602	35	398	7	60
Subtotal fertilizers	329	65	0	264	—	—
3110 nitrogenous fert.	281	31	—	250	—	—
3120 phosphatic fert.	0	0	—	—	—	—
3130 potassic fert.	22	22	—	—	—	—
3190 fert. & mixes nec	26	12	0	13	—	—
Subtotal other chemicals and related products	774	537	35	135	7	60
3211 acyclic hydrocarbons	2	2	—	—	—	—
3212 benzene & toluene	0	—	0	—	—	—
3219 other hydrocarbons	19	19	0	—	—	—
3220 alcohols	508	455	0	40	—	13
3230 carboxylic acids	3	0	2	—	—	—
3240 nitrogen func. comp.	0	0	0	—	—	—
3260 organic comp. nec	44	35	0	9	—	—
3272 sulphuric acid	100	—	0	52	—	48
3274 sodium hydroxide	41	7	0	34	—	—
3275 inorg. elem., oxides, & halogen salts	11	10	1	—	—	—
3276 metallic salts	0	0	0	—	—	—
3279 inorganic chem. nec	7	—	—	—	7	—
3282 pigments & paints	0	0	0	—	—	—
3283 coloring mat. nec	0	0	—	—	—	—
3284 medicines	0	0	—	—	—	—
3285 perfumes & cleansers	1	0	0	—	—	—
3286 plastics	29	6	23	—	—	—
3291 pesticides	0	0	0	—	—	—
3292 starches, gluten, glue	1	—	1	—	—	—
3293 explosives	2	0	2	—	—	—
3297 chemical additives	1	—	1	—	—	—
3299 chem. products nec	6	2	4	—	—	—
Total crude materials, inedible except fuels	1,418	389	594	141	—	293
Subtotal forest products, wood and chips	241	170	71	—	—	—
4110 rubber & gums	0	0	0	—	—	—
4170 wood in the rough	30	28	1	—	—	—
4189 lumber	210	142	68	—	—	—
4190 forest products nec	1	0	1	—	—	—
Subtotal pulp and waste paper	514	0	514	—	—	—
4225 pulp & waste paper	514	0	514	—	—	—
Subtotal soil, sand, gravel, rock and stone	293	0	0	—	—	293
4310 building stone	0	0	—	—	—	—
4322 limestone	0	—	0	—	—	—
4323 gypsum	293	—	—	—	—	293
4331 sand & gravel	0	0	0	—	—	—
Subtotal non-ferrous ores and scrap	36	—	1	35	—	—
4680 non-ferrous scrap	1	—	1	—	—	—
4690 non-ferrous ores nec	35	—	—	35	—	—
Subtotal sulphur, clay and salt	1	0	1	—	—	—
4741 sulphur, (dry)	0	0	—	—	—	—
4782 clay & refrac. mat.	1	—	1	—	—	—
Subtotal other non-metal. min.	333	219	8	107	—	—
4900 non-metal. min. nec	333	219	8	107	—	—

WILMINGTON HARBOR, NC (SEE ALSO PORT OF WILMINGTON, NC FOR PORT DATA)
 Freight Traffic, 2002 - continued
 (thousand short tons)

Commodity	Total	Foreign				Canadian
		Inbound*	Outbound*	Through		Inbound
				Upbound	Downbnd	
Total primary manufactured goods	292	205	81	6	---	---
Subtotal paper products	43	2	41	---	---	---
5120 paper & paperboard	41	1	40	---	---	---
5190 paper products nec	2	1	1	---	---	---
Subtotal lime, cement and glass	11	4	1	6	---	---
5210 lime	1	---	1	---	---	---
5220 cement & concrete	6	0	---	6	---	---
5240 glass & glass prod.	0	0	0	---	---	---
5290 misc. mineral prod.	4	4	0	---	---	---
Subtotal primary iron and steel products	117	116	1	---	---	---
5312 pig iron	0	0	---	---	---	---
5315 ferro alloys	1	1	---	---	---	---
5320 i&s primary forms	24	24	0	---	---	---
5330 i&s plates & sheets	54	54	0	---	---	---
5360 i&s bars & shapes	20	20	0	---	---	---
5370 i&s pipe & tube	16	15	1	---	---	---
5390 primary i&s nec	2	2	0	---	---	---
Subtotal primary non-ferrous metal products	97	61	36	---	---	---
5421 copper	3	0	3	---	---	---
5422 aluminum	4	4	0	---	---	---
5429 smelted prod. nec	32	0	32	---	---	---
5480 fab. metal products	58	57	1	---	---	---
Subtotal primary wood products	25	23	2	---	---	---
5540 primary wood prod.	25	23	2	---	---	---
Total food and farm products	286	142	130	---	---	14
Subtotal fish	0	0	0	---	---	---
6134 fish (not shellfish)	0	0	0	---	---	---
6136 shellfish	0	0	---	---	---	---
Subtotal grain	33	30	3	---	---	---
6241 wheat	30	30	---	---	---	---
6442 rice	4	0	3	---	---	---
Subtotal oilseeds	117	104	13	---	---	---
6590 oilseeds nec	117	104	13	---	---	---
Subtotal vegetable products	1	0	0	---	---	---
6653 vegetable oils	0	---	0	---	---	---
6654 vegetables & prod.	1	0	0	---	---	---
Subtotal processed grain and animal feed	9	0	9	---	---	---
6747 grain mill products	0	0	0	---	---	---
6782 animal feed, prep.	9	0	9	---	---	---
Subtotal other agricultural products	125	7	104	---	---	14
6811 meat, fresh, frozen	53	---	53	---	---	---
6817 meat, prepared	17	---	17	---	---	---
6822 dairy products	0	---	0	---	---	---
6835 fish, prepared	0	0	---	---	---	---
6838 tallow, animal oils	0	---	0	---	---	---
6839 animals & prod. nec	27	0	13	---	---	14
6857 fruit & nuts nec	0	---	0	---	---	---
6858 fruit juices	0	0	0	---	---	---
6865 molasses	0	0	---	---	---	---
6871 coffee	0	---	0	---	---	---
6885 alcoholic beverages	0	0	0	---	---	---
6888 water & ice	0	---	0	---	---	---
6889 food products nec	1	0	1	---	---	---
6891 tobacco & products	17	7	11	---	---	---
6893 cotton	8	---	8	---	---	---
6894 natural fibers nec	0	0	0	---	---	---
Total all manufactured equipment, machinery and products	253	235	18	---	---	---
7110 machinery (not elec)	31	25	6	---	---	---
7120 electrical machinery	15	12	3	---	---	---
7210 vehicles & parts	7	5	2	---	---	---
7220 aircraft & parts	0	0	0	---	---	---
7230 ships & boats	0	0	0	---	---	---
7300 ordnance & access.	0	0	0	---	---	---
7400 manufac. wood prod.	25	25	0	---	---	---
7500 textile products	39	36	3	---	---	---
7600 rubber & plastic pr.	28	27	1	---	---	---
7900 manufac. prod. nec	107	105	2	---	---	---
Total unknown or not elsewhere classified	51	32	19	---	---	---
9900 unknown or nec	51	32	19	---	---	---
Ton-miles (x1000) Foreign & Canadian	105,327	53,565	24,590	17,998	226	8,948

WILMINGTON HARBOR, NC (SEE ALSO PORT OF WILMINGTON, NC FOR PORT DATA)
 Freight Traffic, 2002 - continued
 (thousand short tons)

Commodity	Total	Coastwise		
		Receipts	Shipments	Through Upbound
Total, all commodities	2,740	2,478	3	259
Total petroleum and petroleum products	1,474	1,387	---	87
Subtotal petroleum products	1,474	1,387	---	87
2211 gasoline	689	689	---	---
2330 distillate fuel oil	171	171	---	---
2340 residual fuel oil	372	364	---	8
2429 naphtha & solvents	7	7	---	---
2430 asphalt, tar & pitch	235	156	---	79
Total chemicals and related products	1,263	1,089	3	172
Subtotal fertilizers	10	---	---	10
3120 phosphatic fert.	10	---	---	10
Subtotal other chemicals and related products	1,253	1,089	3	162
3212 benzene & toluene	3	3	---	---
3219 other hydrocarbons	954	954	---	---
3220 alcohols	37	12	3	22
3272 sulphuric acid	3	---	---	3
3274 sodium hydroxide	256	119	---	137
Total primary manufactured goods	2	2	---	---
Subtotal primary iron and steel products	2	2	---	---
5390 primary i&s nec	2	2	---	---
Total all manufactured equipment, machinery and products	1	1	---	---
7110 machinery (not elec)	1	1	---	---
Ton-miles (x1000) Coastwise	77,279	68,656	81	8,542

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	1,010	5	1	784	90	92	5	3	29
Total coal	52	---	---	40	---	11	---	---	---
1100 coal lignite	52	---	---	40	---	11	---	---	---
Total petroleum and petroleum products	382	5	1	300	68	2	---	3	4
Subtotal petroleum products	382	5	1	300	68	2	---	3	4
2211 gasoline	0	---	---	---	---	---	---	---	0
2330 distillate fuel oil	1	---	---	---	---	---	---	---	1
2340 residual fuel oil	381	5	1	300	68	2	---	3	3
2640 liquid natural gas	0	---	---	---	---	---	---	---	0
Total chemicals and related products	453	---	---	442	---	11	---	---	0
Subtotal fertilizers	11	---	---	---	---	11	---	---	---
3110 nitrogenous fert.	11	---	---	---	---	11	---	---	---
Subtotal other chemicals and related products	442	---	---	442	---	---	---	---	0
3219 other hydrocarbons	357	---	---	357	---	---	---	---	---
3220 alcohols	83	---	---	83	---	---	---	---	---
3276 metallic salts	0	---	---	---	---	---	---	---	0
3286 plastics	0	---	---	---	---	---	---	---	0
3298 wood & resin chem.	2	---	---	2	---	---	---	---	---
Total crude materials, inedible except fuels	40	---	---	---	22	---	2	1	15
Subtotal forest products, wood and chips	4	---	---	---	---	---	---	---	4
4170 wood in the rough	0	---	---	---	---	---	---	---	0
4189 lumber	3	---	---	---	---	---	---	---	3
Subtotal pulp and waste paper	22	---	---	---	22	---	---	---	---
4225 pulp & waste paper	22	---	---	---	22	---	---	---	---
Subtotal soil, sand, gravel, rock and stone	12	---	---	---	---	---	---	1	11
4331 sand & gravel	12	---	---	---	---	---	---	1	11
Subtotal other non-metal. min.	2	---	---	---	---	---	2	---	---
4900 non-metal. min. nec	2	---	---	---	---	---	2	---	---
Total primary manufactured goods	65	---	---	---	---	53	3	---	9
Subtotal lime, cement and glass	9	---	---	---	---	---	---	---	9
5290 misc. mineral prod.	9	---	---	---	---	---	---	---	9
Subtotal primary iron and steel products	0	---	---	---	---	---	---	---	0
5360 i&s bars & shapes	0	---	---	---	---	---	---	---	0
5370 i&s pipe & tube	0	---	---	---	---	---	---	---	0
Subtotal primary non-ferrous metal products	55	---	---	---	---	53	3	---	0

WILMINGTON HARBOR, NC (SEE ALSO PORT OF WILMINGTON, NC FOR PORT DATA)
 Freight Traffic, 2002 - continued
 (thousand short tons)

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
5480 fab. metal products	55	—	—	—	—	53	3	—	0
Total food and farm products	15	—	—	—	—	15	—	—	0
Subtotal fish	15	—	—	—	—	15	—	—	—
6134 fish (not shellfish)	15	—	—	—	—	15	—	—	—
Subtotal other agricultural products	0	—	—	—	—	—	—	—	0
6899 farm products nec	0	—	—	—	—	—	—	—	0
Total all manufactured equipment, machinery and products	3	—	0	2	—	—	0	—	1
7110 machinery (not elec)	0	—	0	—	—	—	—	—	0
7230 ships & boats	0	—	—	—	—	—	0	—	—
7300 ordnance & access.	2	—	—	2	—	—	—	—	—
7400 manufac. wood prod.	1	—	—	—	—	—	—	—	1
7900 manufac. prod. nec	0	—	—	—	—	—	—	—	0
Ton-miles Internal (x1000)	6,056	105	7	3,375	1,353	1,000	44	10	162
Tons All Traffic (x1000)		7,460							
Ton-miles All Traffic (x1000)		188,663							
Total Trip-ton-miles Internal and Intraport (x1000)		76,163							

*Includes 245 tons of foreign inbound in-transits; Includes 13,432 tons of foreign outbound in-transits.

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
1993	603	1996	976	1999	1,626	2002	1,427
1994	638	1997	1,137	2000	1,541		
1995	637	1998	1,173	2001	1,460		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Foreign		Domestic			
		Inbound	Outbound	Total	Coastwise Receipts	Internal	
						Inbound Upbound	Intra Upbound
Total, all commodities	1,427	545	7	875	259	585	32
Total petroleum and petroleum products	220	—	—	220	87	133	—
Subtotal petroleum products	220	—	—	220	87	133	—
2340 residual fuel oil	141	—	—	141	8	133	—
2430 asphalt, tar & pitch	79	—	—	79	79	—	—
Total chemicals and related products	1,060	398	7	655	172	452	32
Subtotal fertilizers	285	264	—	21	10	11	—
3110 nitrogenous fert.	261	250	—	11	—	11	—
3120 phosphatic fert.	10	—	—	10	10	—	—
3190 fert. & mixes nec	13	13	—	—	—	—	—
Subtotal other chemicals and related products	776	135	7	634	162	441	32
3219 other hydrocarbons	360	—	—	360	—	357	3
3220 alcohols	174	40	—	134	22	83	29
3260 organic comp. nec	9	9	—	—	—	—	—
3272 sulphuric acid	55	52	—	3	3	—	—
3274 sodium hydroxide	171	34	—	137	137	—	—
3279 inorganic chem. nec	7	—	7	—	—	—	—
Total crude materials, inedible except fuels	141	141	—	—	—	—	—
Subtotal non-ferrous ores and scrap	35	35	—	—	—	—	—
4690 non-ferrous ores nec	35	35	—	—	—	—	—
Subtotal other non-metal. min.	107	107	—	—	—	—	—
4900 non-metal. min. nec	107	107	—	—	—	—	—
Total primary manufactured goods	6	6	—	—	—	—	—
Subtotal lime, cement and glass	6	6	—	—	—	—	—
5220 cement & concrete	6	6	—	—	—	—	—
Ton-miles (x1000)	36,683	0	0	36,683	10,264	26,261	158
Tons All Traffic (x1000)		1,427					
Ton-miles All Traffic (x1000)		36,683					
Total Trip-ton-miles Internal and Intraport (x1000)		11,518					

Other Harbors and Waterways 2002

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	6134 fish (not shellfish)	22
	Total Tons(x1000)	22
BELHAVEN HARBOR, NC	6344 corn	3
	6522 soybeans	20
	Total Tons(x1000)	23
CAPE FEAR RIVER ABOVE WILMINGTON, NC	1100 coal lignite	52
	2340 residual fuel oil	167
	3298 wood & resin chem.	13
	Total Tons(x1000)	231
	Total Ton-miles(x1000)	5,197
	Total Trip-ton-miles Internal and Intraport(x1000)	7,784
CASHIE RIVER, NC	No Commerce Reported	
CHANNEL CONNECTING THOROUGHFARE BAY WITH CEDAR BAY, NC	No Commerce Reported	
CHANNEL FROM BACK SOUND TO LOOKOUT BIGHT, NC	No Commerce Reported	
CHANNEL FROM PAMLICO SOUND TO RODANTHE, NC	No Commerce Reported	
CHANNEL TO BOGUE INLET, NC	No Commerce Reported	
CHOWAN RIVER, NC	5480 fab. metal products	0
	Total Tons(x1000)	0
	Total Ton-miles(x1000)	19
	Total Trip-ton-miles Internal and Intraport(x1000)	213
DRUM INLET, NC	No Commerce Reported	
EDENTON HARBOR, NC	5480 fab. metal products	55
	Total Tons(x1000)	55
FAR CREEK, NC	No Commerce Reported	
KNOBBS CREEK, NC	4161 wood chips	10
	Total Tons(x1000)	10
	Total Ton-miles(x1000)	10
	Total Trip-ton-miles Internal and Intraport(x1000)	1,977
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	

Other Harbors and Waterways 2002 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
NEUSE RIVER, NC	2340 residual fuel oil	60
	3110 nitrogenous fert.	18
	Total Tons(x1000)	78
	Total Ton-miles(x1000)	2,180
	Total Trip-ton-miles Internal and Intraport(x1000)	11,728
NEW RIVER, NC	No Commerce Reported	
OCRACOCKE INLET, NC	No Commerce Reported	
PERQUIMANS RIVER, NC	No Commerce Reported	
ROANOKE RIVER, NC	3110 nitrogenous fert.	10
	Total Tons(x1000)	10
	Total Ton-miles(x1000)	387
	Total Trip-ton-miles Internal and Intraport(x1000)	1,733
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	No Commerce Reported	
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	No Commerce Reported	
WATERWAY CONNECTING SWAN QUARTER BAY WITH DEEP BAY, NC	No Commerce Reported	
WRIGHTS CREEK, NC	No Commerce Reported	

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

Section Included: From Little River, SC, to Port Royal Sound, SC, with a branch channel to McClellanville, SC. Controlling Depth: 8.4 feet at mean low water for 90 feet width from Little River to Winyah Bay, 7.5 feet for 90 feet width from Winyah Bay to Charleston; 10.6 feet for 90 feet width in McClellanville Branch Channel and 10 feet for 90 feet width from Charleston to Port Royal Sound. Project Depth: 12 feet at mean low water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1993	470	1996	350	1999	296	2002	272
1994	348	1997	294	2000	378		
1995	300	1998	193	2001	263		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Domestic				
		Coastwise		Internal		
		Through		Inbound	Through	
		Upbound	Downbnd	Upbound	Upbound	Downbnd
Total, all commodities	271	1	2	18	125	124
Total coal	11	---	---	---	11	---
1100 coal lignite	11	---	---	---	11	---
Total petroleum and petroleum products	90	---	---	18	42	30
Subtotal petroleum products	90	---	---	18	42	30
2211 gasoline	22	---	---	18	1	3
2330 distillate fuel oil	0	---	---	---	0	0
2340 residual fuel oil	67	---	---	---	40	27
Total crude materials, inedible except fuels	81	---	---	---	3	78
Subtotal pulp and waste paper	76	---	---	---	---	76
4225 pulp & waste paper	76	---	---	---	---	76
Subtotal sulphur, clay and salt	2	---	---	---	2	---
4782 clay & refrac. mat.	2	---	---	---	2	---
Subtotal other non-metal. min.	3	---	---	---	0	2
4900 non-metal. min. nec	3	---	---	---	0	2
Total primary manufactured goods	74	1	2	---	55	16
Subtotal paper products	2	---	---	---	2	---
5120 paper & paperboard	2	---	---	---	2	---
Subtotal primary iron and steel products	16	1	2	---	---	13
5360 i&s bars & shapes	10	1	1	---	---	7
5370 i&s pipe & tube	0	---	0	---	---	---
5390 primary i&s nec	6	---	---	---	---	6
Subtotal primary non-ferrous metal products	55	---	0	---	53	3
5480 fab. metal products	55	---	0	---	53	3
Total food and farm products	15	---	---	---	15	---
Subtotal fish	15	---	---	---	15	---
6134 fish (not shellfish)	15	---	---	---	15	---
Total all manufactured equipment, machinery and products	1	0	0	---	---	0
7110 machinery (not elec)	1	0	0	---	---	0
7230 ships & boats	0	---	---	---	---	0
Ton-miles (x1000)	26,598	233	209	313	15,369	10,474

Tons All Traffic (x1000) 272
 Ton-miles All Traffic (x1000) 26,604
 Total Trip-ton-miles Internal and Intraport (x1000) 66,277

GEORGETOWN HARBOR, SC (WINYAH BAY)

Section Included: Atlantic Ocean Entrance to Winyah Bay, SC, to and including turning basin in Sampit River at the City of Georgetown, SC. Controlling Depth: 18.2 feet at mean low water for 600-foot width from the ocean to Range C; thence 25.8 feet for 400-foot width to Range D, thence 24.8 feet for 300-foot width to mouth of Sampit River; thence 26.9 feet for 300-foot width to head of the project; Sampit River bypass channel 7.3 feet for 100-foot width. Project Depth: 27 feet at mean low water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1993	1,113	1996	1,379	1999	1,269	2002	1,411
1994	706	1997	1,535	2000	2,009		
1995	1,234	1998	1,631	2001	1,362		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic				
		Inbound	Outbound	Inbound	Total	Coastwise		Internal	
					Receipts	Shipments	Receipts	Shipments	
Total, all commodities	1,411	591	35	690	94	1	29	10	54
Total petroleum and petroleum products	10	---	---	---	10	---	---	10	0
Subtotal petroleum products	10	---	---	---	10	---	---	10	0
2330 distillate fuel oil	0	---	---	---	0	---	---	0	0
2340 residual fuel oil	10	---	---	---	10	---	---	10	0
Total chemicals and related products	17	17	---	---	---	---	---	---	---
Subtotal other chemicals and related products	17	17	---	---	---	---	---	---	---
3275 inorg. elem., oxides, & halogen salts	3	3	---	---	---	---	---	---	---
3279 inorganic chem. nec	14	14	---	---	---	---	---	---	---
Total crude materials, inedible except fuels	1,002	197	33	690	83	---	29	---	54
Subtotal pulp and waste paper	86	---	33	---	54	---	---	---	54
4225 pulp & waste paper	86	---	33	---	54	---	---	---	54
Subtotal soil, sand, gravel, rock and stone	87	87	---	---	---	---	---	---	---
4322 limestone	87	87	---	---	---	---	---	---	---
Subtotal iron ore and scrap	718	28	---	690	---	---	---	---	---
4410 iron ore	718	28	---	690	---	---	---	---	---
Subtotal sulphur, clay and salt	10	10	---	---	---	---	---	---	---
4782 clay & refrac. mat.	10	10	---	---	---	---	---	---	---
Subtotal slag	29	---	---	---	29	---	29	---	---
4860 slag	29	---	---	---	29	---	29	---	---
Subtotal other non-metal. min.	71	71	---	---	---	---	---	---	---
4900 non-metal. min. nec	71	71	---	---	---	---	---	---	---
Total primary manufactured goods	361	358	3	---	1	1	---	---	---
Subtotal paper products	3	---	3	---	---	---	---	---	---
5120 paper & paperboard	3	---	3	---	---	---	---	---	---
Subtotal lime, cement and glass	206	206	---	---	---	---	---	---	---
5220 cement & concrete	206	206	---	---	---	---	---	---	---
Subtotal primary iron and steel products	153	152	---	---	1	1	---	---	---
5315 ferro alloys	18	18	---	---	---	---	---	---	---
5320 i&s primary forms	6	6	---	---	---	---	---	---	---
5330 i&s plates & sheets	6	6	---	---	---	---	---	---	---
5360 i&s bars & shapes	112	111	---	---	1	1	---	---	---
5390 primary i&s nec	11	11	---	---	---	---	---	---	---
Total all manufactured equipment, machinery and products	13	13	---	---	---	---	---	---	---
7110 machinery (not elec)	0	0	---	---	---	---	---	---	---
7120 electrical machinery	13	13	---	---	---	---	---	---	---
Total unknown or not elsewhere classified	7	7	---	---	---	---	---	---	---
9900 unknown or nec	7	7	---	---	---	---	---	---	---

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: 40 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 40 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
1993	9,503	1996	11,083	1999	19,916	2002	24,993
1994	10,830	1997	17,874	2000	21,082		
1995	11,172	1998	18,689	2001	23,250		

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

Freight Traffic, 2002 (thousand short tons)

Commodity	Total	Foreign		Canadian
		Inbound*	Outbound*	Inbound*
Total, all commodities	18,998	12,652	5,537	809
Total coal	0	0	0	---
1100 coal lignite	0	0	0	---
1200 coal coke	0	---	0	---
Total petroleum and petroleum products	1,453	1,413	17	23
Subtotal crude petroleum	0	0	0	---
2100 crude petroleum	0	0	0	---
Subtotal petroleum products	1,453	1,413	17	23
2211 gasoline	772	748	0	23
2221 kerosene	21	21	0	---
2330 distillate fuel oil	25	25	0	---
2340 residual fuel oil	132	132	---	---
2350 lube oil & greases	10	3	7	---
2410 petro. jelly & waxes	4	4	0	---
2429 naphtha & solvents	34	29	5	---
2430 asphalt, tar & pitch	1	1	0	---
2540 petroleum coke	456	451	5	---
2640 liquid natural gas	0	0	0	---
Total chemicals and related products	1,991	885	1,090	17
Subtotal fertilizers	26	12	5	8
3110 nitrogenous fert.	2	1	0	---
3120 phosphatic fert.	2	1	1	---
3130 potassic fert.	12	4	0	8
3190 fert. & mixes nec	10	6	4	---
Subtotal other chemicals and related products	1,965	872	1,084	9
3211 acyclic hydrocarbons	5	0	4	---
3212 benzene & toluene	0	0	0	---
3219 other hydrocarbons	23	16	7	---
3220 alcohols	127	114	13	---
3230 carboxylic acids	131	43	87	---
3240 nitrogen func. comp.	40	24	16	---
3250 organo - inorg. comp.	63	25	38	---
3260 organic comp. nec	93	24	70	---
3272 sulphuric acid	1	0	0	---
3273 ammonia	0	---	0	---
3274 sodium hydroxide	17	7	1	9
3275 inorg. elem., oxides, & halogen salts	171	77	94	---
3276 metallic salts	130	69	61	---
3279 inorganic chem. nec	18	7	11	---
3281 radioactive material	4	4	0	---
3282 pigments & paints	41	15	26	---
3283 coloring mat. nec	54	48	6	---
3284 medicines	24	11	13	---
3285 perfumes & cleansers	65	23	43	---
3286 plastics	645	185	460	---
3291 pesticides	24	14	10	---
3292 starches, gluten, glue	43	32	11	---
3293 explosives	0	0	0	---
3297 chemical additives	38	32	6	---
3298 wood & resin chem.	16	2	14	---
3299 chem. products nec	192	100	93	---
Total crude materials, inedible except fuels	3,967	2,625	1,004	338
Subtotal forest products, wood and chips	686	546	139	---
4110 rubber & gums	73	72	1	---
4150 fuel wood	1	0	0	---
4161 wood chips	0	0	0	---
4170 wood in the rough	40	32	7	---
4189 lumber	554	429	125	---
4190 forest products nec	19	13	6	---
Subtotal pulp and waste paper	573	17	556	---
4225 pulp & waste paper	573	17	556	---
Subtotal soil, sand, gravel, rock and stone	196	77	28	91
4310 building stone	94	25	0	69
4322 limestone	1	1	---	---
4323 gypsum	23	0	1	22
4331 sand & gravel	78	52	26	---

CHARLESTON HARBOR, SC (INCLUDING ASHLEY RIVER, COOPER RIVER, SHEM CREEK AND SHIPYARD RIVER, SC)
 Freight Traffic, 2002 - continued
 (thousand short tons)

Commodity	Total	Foreign		Canadian
		Inbound*	Outbound*	Inbound*
Subtotal iron ore and scrap	853	808	1	45
4410 iron ore	376	376	0	—
4420 iron & steel scrap	477	432	1	45
Subtotal marine shells	0	0	0	—
4515 marine shells	0	0	0	—
Subtotal non-ferrous ores and scrap	1,071	1,047	24	—
4630 copper ore	3	2	1	—
4650 aluminum ore	1,027	1,026	2	—
4670 manganese ore	0	—	0	—
4680 non-ferrous scrap	32	19	13	—
4690 non-ferrous ores nec	10	1	8	—
Subtotal sulphur, clay and salt	462	13	247	202
4741 sulphur, (dry)	0	0	0	—
4782 clay & refrac. mat.	462	13	247	202
Subtotal slag	0	0	0	—
4860 slag	0	0	0	—
Subtotal other non-metal. min.	125	117	9	—
4900 non-metal. min. nec	125	117	9	—
Total primary manufactured goods	5,362	3,935	1,002	426
Subtotal paper products	962	240	721	1
5110 newsprint	20	4	16	1
5120 paper & paperboard	859	191	669	0
5190 paper products nec	82	45	37	—
Subtotal lime, cement and glass	1,777	1,309	67	402
5210 lime	0	0	0	—
5220 cement & concrete	1,064	1,064	0	—
5240 glass & glass prod.	80	50	30	0
5290 misc. mineral prod.	634	195	36	402
Subtotal primary iron and steel products	1,388	1,371	16	—
5312 pig iron	1,177	1,174	2	—
5315 ferro alloys	5	4	0	—
5320 i&s primary forms	53	51	2	—
5330 i&s plates & sheets	39	36	3	—
5360 i&s bars & shapes	49	48	1	—
5370 i&s pipe & tube	32	27	5	—
5390 primary i&s nec	34	30	3	—
Subtotal primary non-ferrous metal products	1,096	901	173	22
5421 copper	26	17	9	—
5422 aluminum	90	59	30	—
5429 smelted prod. nec	567	475	75	17
5480 fab. metal products	414	350	59	5
Subtotal primary wood products	139	114	25	0
5540 primary wood prod.	139	114	25	0
Total food and farm products	1,616	639	975	2
Subtotal fish	51	44	7	0
6134 fish (not shellfish)	32	28	4	0
6136 shellfish	19	16	3	—
Subtotal grain	46	2	44	—
6241 wheat	34	0	34	—
6344 corn	5	0	5	—
6442 rice	7	2	5	—
6443 barley & rye	0	0	—	—
6445 oats	1	—	1	—
Subtotal oilseeds	13	6	7	—
6521 peanuts	10	6	5	—
6522 soybeans	1	—	1	—
6590 oilseeds nec	1	0	1	—
Subtotal vegetable products	102	63	38	1
6653 vegetable oils	22	11	11	—
6654 vegetables & prod.	80	52	27	1
Subtotal processed grain and animal feed	131	19	112	—
6746 wheat flour	6	0	6	—
6747 grain mill products	16	8	7	—
6781 hay & fodder	1	0	1	—
6782 animal feed, prep.	109	10	99	—
Subtotal other agricultural products	1,272	506	767	0
6811 meat, fresh, frozen	323	6	317	0
6817 meat, prepared	7	1	6	—
6822 dairy products	4	3	1	—
6835 fish, prepared	15	15	0	—
6838 tallow, animal oils	4	2	2	0
6839 animals & prod. nec	46	26	20	—
6856 bananas & plantains	0	0	0	—
6857 fruit & nuts nec	137	14	123	—
6858 fruit juices	68	45	23	—
6861 sugar	1	1	0	—
6865 molasses	0	0	0	—
6871 coffee	35	34	1	—
6872 cocoa beans	7	6	1	—
6885 alcoholic beverages	224	186	37	—
6888 water & ice	4	4	0	—
6889 food products nec	117	70	47	—
6891 tobacco & products	100	60	40	—
6893 cotton	155	17	137	—

CHARLESTON HARBOR, SC (INCLUDING ASHLEY RIVER, COOPER RIVER, SHEM CREEK AND SHIPYARD RIVER, SC)
 Freight Traffic, 2002 - continued
 (thousand short tons)

Commodity	Total	Foreign		Canadian
		Inbound*	Outbound*	Inbound*
6894 natural fibers nec	15	9	6	—
6899 farm products nec	9	6	3	0
Total all manufactured equipment, machinery and products	3,920	2,770	1,147	4
7110 machinery (not elec)	605	401	204	0
7120 electrical machinery	301	203	95	3
7210 vehicles & parts	697	482	215	—
7220 aircraft & parts	2	1	1	—
7230 ships & boats	10	3	6	0
7300 ordnance & access.	8	8	0	—
7400 manufac. wood prod.	79	62	17	—
7500 textile products	1,080	723	357	—
7600 rubber & plastic pr.	412	295	117	0
7900 manufac. prod. nec	726	592	135	0
Total unknown or not elsewhere classified	688	385	303	0
9900 unknown or nec	688	385	303	0

Commodity	Total	Domestic				
		Coastwise		Internal		Intraport
		Receipts	Shipments	Receipts	Shipments	
Total, all commodities	5,995	2,834	250	107	118	2,686
Total coal	11	—	—	—	11	—
1100 coal lignite	11	—	—	—	11	—
Total petroleum and petroleum products	2,073	1,890	—	23	40	119
Subtotal petroleum products	2,073	1,890	—	23	40	119
2211 gasoline	796	793	—	1	3	—
2221 kerosene	21	21	—	—	—	—
2330 distillate fuel oil	483	475	—	0	0	7
2340 residual fuel oil	457	286	—	22	38	112
2350 lube oil & greases	287	287	—	—	—	—
2430 asphalt, tar & pitch	28	28	—	—	—	—
Total chemicals and related products	784	784	—	—	—	—
Subtotal other chemicals and related products	784	784	—	—	—	—
3219 other hydrocarbons	769	769	—	—	—	—
3274 sodium hydroxide	15	15	—	—	—	—
Total crude materials, inedible except fuels	308	159	—	78	—	70
Subtotal pulp and waste paper	76	—	—	76	—	—
4225 pulp & waste paper	76	—	—	76	—	—
Subtotal iron ore and scrap	229	159	—	—	—	70
4420 iron & steel scrap	229	159	—	—	—	70
Subtotal sulphur, clay and salt	2	—	—	2	—	—
4782 clay & refrac. mat.	2	—	—	2	—	—
Subtotal other non-metal. min.	0	—	—	0	—	—
4900 non-metal. min. nec	0	—	—	0	—	—
Total primary manufactured goods	2,818	—	250	5	66	2,497
Subtotal paper products	2	—	—	2	—	—
5120 paper & paperboard	2	—	—	2	—	—
Subtotal lime, cement and glass	149	—	149	—	—	—
5220 cement & concrete	149	—	149	—	—	—
Subtotal primary iron and steel products	1,278	—	101	—	13	1,164
5312 pig iron	1,161	—	—	—	—	1,161
5320 i&s primary forms	3	—	—	—	—	3
5360 i&s bars & shapes	11	—	3	—	7	—
5370 i&s pipe & tube	0	—	0	—	—	—
5390 primary i&s nec	103	—	97	—	6	—
Subtotal primary non-ferrous metal products	1,388	—	—	3	53	1,333
5480 fab. metal products	1,388	—	—	3	53	1,333
Total all manufactured equipment, machinery and products	1	0	0	0	0	—
7110 machinery (not elec)	1	—	0	0	0	—
7900 manufac. prod. nec	0	0	—	—	—	—

*Includes 288,620 tons of foreign inbound in-transits; Includes 49,103 tons of foreign outbound in-transits;
 Includes 2,908 tons of Canadian inbound in-transits.

SHIPYARD RIVER, SC (INCLUDED IN CHARLESTON HARBOR, SC)

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1993	1,025	1996	485	1999	731	2002	2,226
1994	1,103	1997	778	2000	331		
1995	772	1998	680	2001	1,677		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Foreign	Canadian	Domestic			Internal	
		Inbound	Inbound	Total	Coastwise		Inbound Upbound	Outbound Downbnd
				Receipts	Shipments	Shipments		
Total, all commodities	2,226	1,612	269	346	107	149	89	1
Total petroleum and petroleum products	549	433	—	116	107	—	8	1
Subtotal petroleum products	549	433	—	116	107	—	8	1
2330 distillate fuel oil	0	—	—	0	—	—	0	0
2340 residual fuel oil	8	—	—	8	—	—	8	1
2350 lube oil & greases	79	—	—	79	79	—	—	—
2430 asphalt, tar & pitch	28	—	—	28	28	—	—	—
2540 petroleum coke	433	433	—	—	—	—	—	—
Total chemicals and related products	19	11	8	—	—	—	—	—
Subtotal fertilizers	8	—	8	—	—	—	—	—
3130 potassic fert.	8	—	8	—	—	—	—	—
Subtotal other chemicals and related products	11	11	—	—	—	—	—	—
3299 chem. products nec	11	11	—	—	—	—	—	—
Total crude materials, inedible except fuels	392	181	132	78	—	—	78	—
Subtotal pulp and waste paper	76	—	—	76	—	—	76	—
4225 pulp & waste paper	76	—	—	76	—	—	76	—
Subtotal soil, sand, gravel, rock and stone	139	48	91	—	—	—	—	—
4310 building stone	69	—	69	—	—	—	—	—
4323 gypsum	22	—	22	—	—	—	—	—
4331 sand & gravel	48	48	—	—	—	—	—	—
Subtotal iron ore and scrap	30	30	—	—	—	—	—	—
4420 iron & steel scrap	30	30	—	—	—	—	—	—
Subtotal sulphur, clay and salt	43	—	41	2	—	—	2	—
4782 clay & refrac. mat.	43	—	41	2	—	—	2	—
Subtotal other non-metal. min.	103	102	—	0	—	—	0	—
4900 non-metal. min. nec	103	102	—	0	—	—	0	—
Total primary manufactured goods	1,263	987	125	152	—	149	2	—
Subtotal paper products	2	—	—	2	—	—	2	—
5120 paper & paperboard	2	—	—	2	—	—	2	—
Subtotal lime, cement and glass	1,047	772	125	149	—	149	—	—
5220 cement & concrete	922	772	—	149	—	149	—	—
5290 misc. mineral prod.	125	—	125	—	—	—	—	—
Subtotal primary iron and steel products	208	208	—	—	—	—	—	—
5312 pig iron	208	208	—	—	—	—	—	—
Subtotal primary non-ferrous metal products	7	7	—	—	—	—	—	—
5429 smelted prod. nec	7	7	—	—	—	—	—	—
Total all manufactured equipment, machinery and products	3	—	3	—	—	—	—	—
7120 electrical machinery	3	—	3	—	—	—	—	—
Ton-miles (x1000)	2,226	1,612	269	346	107	149	89	1

Tons All Traffic (x1000) 2,226
Ton-miles All Traffic (x1000) 2,226
Total Trip-ton-miles Internal and Intraport (x1000) 8,417

Other Harbors and Waterways 2002

Harbor or Waterway Project	Commodity	Thousand Short Tons
ASHLEY RIVER, SC (INCLUDED IN CHARLESTON HARBOR, SC)	2211 gasoline	4
	2330 distillate fuel oil	0
	2340 residual fuel oil	55
	4782 clay & refrac. mat.	2
	4900 non-metal. min. nec	3
	5120 paper & paperboard	2
	5360 i&s bars & shapes	10
	5370 i&s pipe & tube	0
	5390 primary i&s nec	6
	5480 fab. metal products	0
	6134 fish (not shellfish)	15
	7110 machinery (not elec)	1
	7230 ships & boats	0
Total Tons(x1000)	98	
Total Ton-miles(x1000)	196	
Total Trip-ton-miles Internal and Intraport(x1000)	27,745	
GREAT PEE DEE RIVER, SC	No Commerce Reported	
PORT ROYAL HARBOR, SC	2340 residual fuel oil	1
	3110 nitrogenous fert.	11
	4331 sand & gravel	28
	5220 cement & concrete	107
Total Tons(x1000)	147	
SANTEE RIVER, SC	No Commerce Reported	
VILLAGE CREEK, SC	No Commerce Reported	
WACCAMAW RIVER, SC	No Commerce Reported	

SAVANNAH HARBOR, GA

Section Included: Entrance channel 44 feet deep across ocean bar to the Port Wentworth Channel, length of project 31.1 miles. Maintained Depth: For mid-channel, half project width, 44 feet over the Bar Channel; thence 44 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
1993	14,963	1996	17,598	1999	18,156	2002	20,664
1994	15,905	1997	17,929	2000	19,517		
1995	17,380	1998	17,711	2001	19,392		

Freight Traffic, 2002 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound
Total, all commodities	18,728	10,346	7,517	559	306
Total coal	332	331	1	—	—
1100 coal lignite	332	331	1	—	—
1200 coal coke	0	—	0	—	—
Total petroleum and petroleum products	3,094	2,950	104	40	—
Subtotal crude petroleum	1,268	1,268	0	—	—
2100 crude petroleum	1,268	1,268	0	—	—
Subtotal petroleum products	1,826	1,682	104	40	—
2211 gasoline	658	657	1	—	—
2221 kerosene	0	—	0	—	—
2330 distillate fuel oil	165	96	42	27	—
2340 residual fuel oil	347	347	—	—	—
2350 lube oil & greases	58	1	58	—	—
2410 petro. jelly & waxes	0	0	0	—	—
2429 naphtha & solvents	122	108	2	13	—
2430 asphalt, tar & pitch	0	0	0	—	—
2540 petroleum coke	98	97	1	—	—
2640 liquid natural gas	377	377	0	—	—
Total chemicals and related products	1,988	1,090	765	20	114
Subtotal fertilizers	69	67	2	—	—
3110 nitrogenous fert.	44	43	0	—	—
3120 phosphatic fert.	0	—	0	—	—
3130 potassic fert.	0	0	—	—	—
3190 fert. & mixes nec	25	23	2	—	—
Subtotal other chemicals and related products	1,919	1,023	762	20	114
3211 acyclic hydrocarbons	14	14	1	—	—
3212 benzene & toluene	0	0	0	—	—
3219 other hydrocarbons	95	89	6	—	—
3220 alcohols	48	36	11	—	—
3230 carboxylic acids	76	17	59	—	—
3240 nitrogen func. comp.	27	14	13	—	—
3250 organo - inorg. comp.	59	9	50	0	—
3260 organic comp. nec	52	24	27	—	0
3272 sulphuric acid	121	112	0	9	—
3273 ammonia	196	195	1	—	—
3274 sodium hydroxide	29	17	1	11	—
3275 inorg. elem., oxides, & halogen salts	201	131	71	—	—
3276 metallic salts	44	22	22	—	—
3279 inorganic chem. nec	6	2	4	—	—
3281 radioactive material	1	0	0	—	—
3282 pigments & paints	86	6	67	—	13
3283 coloring mat. nec	8	5	3	—	—
3284 medicines	8	2	6	—	—
3285 perfumes & cleansers	46	15	31	—	—
3286 plastics	306	130	175	—	0
3291 pesticides	24	16	9	—	—
3292 starches, gluten, glue	23	11	12	—	—
3293 explosives	1	0	0	—	—
3297 chemical additives	5	0	5	—	—
3298 wood & resin chem.	146	52	94	—	—
3299 chem. products nec	296	102	94	—	100
Total crude materials, inedible except fuels	5,386	1,068	3,733	393	192
Subtotal forest products, wood and chips	476	295	180	0	0
4110 rubber & gums	119	117	2	0	—
4150 fuel wood	2	1	1	—	—
4161 wood chips	0	0	0	—	—
4170 wood in the rough	33	19	14	—	—
4189 lumber	306	153	153	—	0
4190 forest products nec	15	6	9	0	—
Subtotal pulp and waste paper	1,076	5	1,071	—	—
4225 pulp & waste paper	1,076	5	1,071	—	—
Subtotal soil, sand, gravel, rock and stone	942	511	60	371	—
4310 building stone	263	55	51	157	—
4322 limestone	415	414	1	—	—
4323 gypsum	214	0	0	214	—
4331 sand & gravel	49	42	7	—	—
Subtotal iron ore and scrap	1	0	1	—	—
4420 iron & steel scrap	1	0	1	—	—

SAVANNAH HARBOR, GA
Freight Traffic, 2002 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound
Subtotal marine shells	0	0	---	---	---
4515 marine shells	0	0	---	---	---
Subtotal non-ferrous ores and scrap	190	149	19	21	---
4630 copper ore	0	---	0	---	---
4650 aluminum ore	153	147	6	---	---
4680 non-ferrous scrap	11	2	9	---	---
4690 non-ferrous ores nec	26	1	4	21	---
Subtotal sulphur, clay and salt	2,618	26	2,400	---	192
4741 sulphur, (dry)	0	0	0	---	---
4782 clay & refrac. mat.	2,618	26	2,400	---	192
Subtotal slag	0	---	0	---	---
4860 slag	0	---	0	---	---
Subtotal other non-metal. min.	84	81	2	---	---
4900 non-metal. min. nec	84	81	2	---	---
Total primary manufactured goods	2,906	1,586	1,214	106	---
Subtotal paper products	1,109	85	1,023	---	---
5110 newsprint	20	0	20	---	---
5120 paper & paperboard	1,029	46	983	---	---
5190 paper products nec	60	39	21	---	---
Subtotal lime, cement and glass	525	427	52	46	---
5210 lime	0	---	0	---	---
5220 cement & concrete	99	99	0	---	---
5240 glass & glass prod.	77	35	42	---	---
5290 misc. mineral prod.	349	293	10	46	---
Subtotal primary iron and steel products	454	444	10	---	---
5312 pig iron	5	4	0	---	---
5315 ferro alloys	1	1	0	---	---
5320 i&s primary forms	22	21	1	---	---
5330 i&s plates & sheets	107	105	2	---	---
5360 i&s bars & shapes	226	225	1	---	---
5370 i&s pipe & tube	56	53	3	---	---
5390 primary i&s nec	37	35	2	---	---
Subtotal primary non-ferrous metal products	637	457	121	59	---
5421 copper	8	5	3	---	---
5422 aluminum	46	41	4	---	---
5429 smelted prod. nec	101	3	87	11	---
5480 fab. metal products	482	407	27	48	---
Subtotal primary wood products	181	173	9	---	---
5540 primary wood prod.	181	173	9	---	---
Total food and farm products	1,757	793	963	1	---
Subtotal fish	25	22	2	1	---
6134 fish (not shellfish)	15	14	2	0	---
6136 shellfish	9	8	1	1	---
Subtotal grain	11	4	6	---	---
6344 corn	3	---	3	---	---
6442 rice	7	4	3	---	---
6445 oats	0	---	0	---	---
6447 sorghum grains	0	0	0	---	---
Subtotal oilseeds	94	13	81	---	---
6521 peanuts	85	12	73	---	---
6522 soybeans	0	---	0	---	---
6590 oilseeds nec	9	0	8	---	---
Subtotal vegetable products	195	170	26	---	---
6653 vegetable oils	135	129	6	---	---
6654 vegetables & prod.	60	40	20	---	---
Subtotal processed grain and animal feed	47	6	41	---	---
6746 wheat flour	0	0	0	---	---
6747 grain mill products	5	3	2	---	---
6781 hay & fodder	0	0	0	---	---
6782 animal feed, prep.	41	3	38	---	---
Subtotal other agricultural products	1,385	578	807	0	---
6811 meat, fresh, frozen	309	9	300	---	---
6817 meat, prepared	21	1	20	---	---
6822 dairy products	2	1	1	---	---
6835 fish, prepared	9	8	1	---	---
6838 tallow, animal oils	2	0	2	---	---
6839 animals & prod. nec	75	50	25	---	---
6857 fruit & nuts nec	69	7	63	---	---
6858 fruit juices	71	34	37	0	---
6861 sugar	276	274	2	---	---
6865 molasses	15	14	0	---	---
6871 coffee	25	25	0	---	---
6872 cocoa beans	0	0	0	---	---
6885 alcoholic beverages	93	76	17	---	---
6888 water & ice	22	21	1	---	---
6889 food products nec	92	34	58	0	---
6891 tobacco & products	27	13	14	---	---
6893 cotton	266	7	259	---	---
6894 natural fibers nec	6	3	3	---	---
6899 farm products nec	7	4	4	---	---
Total all manufactured equipment, machinery and products	2,867	2,323	544	0	0
7110 machinery (not elec)	461	324	137	---	---
7120 electrical machinery	297	244	53	---	---

SAVANNAH HARBOR, GA
Freight Traffic, 2002 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound
7210 vehicles & parts	183	91	91	0	0
7220 aircraft & parts	1	1	0	0	—
7230 ships & boats	3	1	2	—	—
7300 ordnance & access.	1	1	0	—	—
7400 manufac. wood prod.	54	45	10	—	—
7500 textile products	561	433	128	—	—
7600 rubber & plastic pr.	287	229	58	—	—
7900 manufac. prod. nec	1,019	955	64	—	—
Total unknown or not elsewhere classified	400	207	193	0	—
9900 unknown or nec	400	207	193	0	—

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Total, all commodities	1,936	1,042	446	60	52	336
Total petroleum and petroleum products	1,290	424	441	42	47	336
Subtotal petroleum products	1,290	424	441	42	47	336
2211 gasoline	141	139	—	3	—	—
2330 distillate fuel oil	240	206	24	—	—	10
2340 residual fuel oil	532	7	112	40	47	326
2350 lube oil & greases	19	19	—	—	—	—
2429 naphtha & solvents	56	10	46	—	—	—
2430 asphalt, tar & pitch	301	43	258	—	—	—
Total chemicals and related products	289	284	5	—	—	—
Subtotal other chemicals and related products	289	284	5	—	—	—
3219 other hydrocarbons	71	71	—	—	—	—
3274 sodium hydroxide	215	210	5	—	—	—
3297 chemical additives	3	3	—	—	—	—
Total crude materials, inedible except fuels	5	—	—	2	2	—
Subtotal sulphur, clay and salt	2	—	—	—	2	—
4782 clay & refrac. mat.	2	—	—	—	2	—
Subtotal other non-metal. min.	2	—	—	2	—	—
4900 non-metal. min. nec	2	—	—	2	—	—
Total primary manufactured goods	19	1	—	15	3	—
Subtotal paper products	2	—	—	—	2	—
5120 paper & paperboard	2	—	—	—	2	—
Subtotal lime, cement and glass	4	1	—	2	1	—
5290 misc. mineral prod.	4	1	—	2	1	—
Subtotal primary iron and steel products	13	—	—	13	—	—
5360 i&s bars & shapes	7	—	—	7	—	—
5390 primary i&s nec	6	—	—	6	—	—
Total food and farm products	333	333	—	—	—	—
Subtotal other agricultural products	333	333	—	—	—	—
6861 sugar	333	333	—	—	—	—
Total all manufactured equipment, machinery and products	0	0	0	0	—	—
7110 machinery (not elec)	0	—	0	0	—	—
7500 textile products	0	0	—	—	—	—
Total unknown or not elsewhere classified	0	—	0	—	—	—
9900 unknown or nec	0	—	0	—	—	—

*Includes 167,457 tons of foreign inbound in-transits; Includes 100,286 tons of foreign outbound in-transits;
Includes 710 tons of Canadian inbound in-transits.

BRUNSWICK HARBOR, GA

Section Included: From 32-foot contour in the ocean across the Barthrough St. Simon Sound, Brunswick River, and Turtle River to the upper end of the Allied Chemical Company's Wharf, formerly Atlantic Refining Company Wharf, 20.4 miles; from Brunswick River through East River, to the upper end of the project in Academy Creek, 2.7 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 27.8 miles. Project Depth: 32 feet over the bar; 30 feet in Brunswick, Turtle, and East Rivers to the Foot of Second Avenue; and 27 feet from Second Avenue to Academy Creek; 24 feet in Academy Creek; 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
1993	1,593	1996	2,063	1999	2,371	2002	2,577
1994	1,626	1997	2,698	2000	2,581		
1995	2,002	1998	2,615	2001	2,499		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic
		Inbound*	Outbound*	Inbound	Internal
					Inbound
Total, all commodities	2,577	1,134	989	343	110
Total petroleum and petroleum products	110	0	---	---	110
Subtotal petroleum products	110	0	---	---	110
2340 residual fuel oil	110	---	---	---	110
2350 lube oil & greases	0	0	---	---	---
Total chemicals and related products	51	50	1	---	---
Subtotal fertilizers	50	50	---	---	---
3110 nitrogenous fert.	50	50	---	---	---
Subtotal other chemicals and related products	1	0	1	---	---
3275 inorg. elem., oxides, & halogen salts	0	0	---	---	---
3285 perfumes & cleansers	1	---	1	---	---
3292 starches, gluten, glue	0	0	---	---	---
Total crude materials, inedible except fuels	1,078	429	306	343	---
Subtotal forest products, wood and chips	19	18	1	---	---
4189 lumber	19	18	1	---	---
Subtotal pulp and waste paper	289	---	289	---	---
4225 pulp & waste paper	289	---	289	---	---
Subtotal soil, sand, gravel, rock and stone	515	172	---	343	---
4310 building stone	35	---	---	35	---
4322 limestone	148	148	---	---	---
4323 gypsum	273	24	---	249	---
4331 sand & gravel	59	---	---	59	---
Subtotal non-ferrous ores and scrap	16	0	16	---	---
4650 aluminum ore	0	0	---	---	---
4690 non-ferrous ores nec	16	---	16	---	---
Subtotal sulphur, clay and salt	3	3	---	---	---
4782 clay & refrac. mat.	3	3	---	---	---
Subtotal other non-metal. min.	236	236	---	---	---
4900 non-metal. min. nec	236	236	---	---	---
Total primary manufactured goods	72	7	66	---	---
Subtotal paper products	70	4	65	---	---
5110 newsprint	4	4	---	---	---
5120 paper & paperboard	65	---	65	---	---
Subtotal primary non-ferrous metal products	1	1	0	---	---
5422 aluminum	0	0	---	---	---
5480 fab. metal products	0	0	0	---	---
Subtotal primary wood products	2	2	---	---	---
5540 primary wood prod.	2	2	---	---	---
Total food and farm products	725	228	497	---	---
Subtotal grain	389	200	188	---	---
6241 wheat	265	100	165	---	---
6344 corn	17	---	17	---	---
6443 barley & rye	6	---	6	---	---
6445 oats	100	100	---	---	---
Subtotal oilseeds	205	---	205	---	---
6522 soybeans	200	---	200	---	---
6590 oilseeds nec	5	---	5	---	---
Subtotal processed grain and animal feed	131	28	104	---	---
6747 grain mill products	35	---	35	---	---
6782 animal feed, prep.	96	28	69	---	---
Subtotal other agricultural products	0	---	0	---	---
6885 alcoholic beverages	0	---	0	---	---
6889 food products nec	0	---	0	---	---

BRUNSWICK HARBOR, GA
Freight Traffic, 2002 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic
		Inbound*	Outbound*	Inbound	Internal
					Inbound
Total all manufactured equipment, machinery and products	527	411	116	---	---
7110 machinery (not elec)	25	19	6	---	---
7120 electrical machinery	5	4	1	---	---
7210 vehicles & parts	494	387	107	---	---
7220 aircraft & parts	0	0	0	---	---
7230 ships & boats	1	0	1	---	---
7400 manufac. wood prod.	1	1	---	---	---
7500 textile products	0	0	0	---	---
7900 manufac. prod. nec	0	0	0	---	---
Total unknown or not elsewhere classified	14	10	4	---	---
9900 unknown or nec	14	10	4	---	---
Ton-miles (x1000)	10,454	4,537	3,957	1,373	586

Tons All Traffic (x1000) 2,577
Ton-miles All Traffic (x1000) 10,456
Total Trip-ton-miles Internal and Intraport (x1000) 9,553

*Includes 16,901 tons of foreign inbound in-transits; Includes 23,872 tons of foreign outbound in-transits.

Other Harbors and Waterways 2002

Harbor or Waterway Project	Commodity	Thousand Short Tons
ALTAMAHA RIVER, GA	No Commerce Reported	
ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA, AND THE ST. JOHNS RIVER , FL (SAVANNAH DISTRICT)	2211 gasoline 2330 distillate fuel oil 2340 residual fuel oil 4782 clay & refrac. mat. 4900 non-metal. min. nec 5120 paper & paperboard 5290 misc. mineral prod. 5360 i&s bars & shapes 5370 i&s pipe & tube 5390 primary i&s nec 5480 fab. metal products 6134 fish (not shellfish) 7110 machinery (not elec) 7210 vehicles & parts 7230 ships & boats 7900 manufac. prod. nec 8900 waste and scrap nec	22 0 177 2 3 2 3 10 0 6 0 15 1 0 0 0 0
	Total Tons(x1000)	242
	Total Ton-miles(x1000)	14,873
	Total Trip-ton-miles Internal and Intraport(x1000)	43,938
DARIEN HARBOR, GA	No Commerce Reported	
SATILLA RIVER, GA	No Commerce Reported	
SAVANNAH RIVER BELOW AUGUSTA, GA	2340 residual fuel oil	2
	Total Tons(x1000)	2
	Total Trip-ton-miles Internal and Intraport(x1000)	12
ST. MARYS RIVER, GA AND FL	2340 residual fuel oil	35
	Total Tons(x1000)	35
	Total Ton-miles(x1000)	174
	Total Trip-ton-miles Internal and Intraport(x1000)	1,565

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
1993	520	1996	648	1999	644	2002	615
1994	588	1997	533	2000	630		
1995	599	1998	572	2001	633		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Foreign		Domestic		
		Inbound*	Outbound*	Total	Coastwise	Internal
				Shipments		Receipts
Total, all commodities	615	143	327	145	37	108
Total coal	0	---	0	---	---	---
1100 coal lignite	0	---	0	---	---	---
Total petroleum and petroleum products	49	---	2	46	---	46
Subtotal petroleum products	49	---	2	46	---	46
2211 gasoline	0	---	0	---	---	---
2340 residual fuel oil	46	---	---	46	---	46
2350 lube oil & greases	2	---	2	---	---	---
2429 naphtha & solvents	0	---	0	---	---	---
2430 asphalt, tar & pitch	0	---	0	---	---	---
2540 petroleum coke	0	---	0	---	---	---
2640 liquid natural gas	0	---	0	---	---	---
Total chemicals and related products	67	1	5	62	---	62
Subtotal fertilizers	0	---	0	---	---	---
3190 fert. & mixes nec	0	---	0	---	---	---
Subtotal other chemicals and related products	67	1	4	62	---	62
3219 other hydrocarbons	0	---	0	---	---	---
3220 alcohols	0	---	0	---	---	---
3250 organo - inorg. comp.	0	---	0	---	---	---
3260 organic comp. nec	0	---	0	---	---	---
3272 sulphuric acid	0	---	0	---	---	---
3274 sodium hydroxide	62	---	0	62	---	62
3275 inorg. elem., oxides, & halogen salts	0	0	0	---	---	---
3276 metallic salts	1	---	1	---	---	---
3279 inorganic chem. nec	0	---	0	---	---	---
3282 pigments & paints	0	0	0	---	---	---
3283 coloring mat. nec	0	---	0	---	---	---
3284 medicines	0	---	0	---	---	---
3285 perfumes & cleansers	0	0	0	---	---	---
3286 plastics	1	0	1	---	---	---
3291 pesticides	0	---	0	---	---	---
3292 starches, gluten, glue	0	---	0	---	---	---
3293 explosives	0	---	0	---	---	---
3297 chemical additives	0	---	0	---	---	---
3299 chem. products nec	1	---	1	---	---	---
Total crude materials, inedible except fuels	114	45	67	2	2	---
Subtotal forest products, wood and chips	52	45	5	2	2	---
4110 rubber & gums	0	---	0	---	---	---
4170 wood in the rough	0	---	0	---	---	---
4189 lumber	52	45	5	2	2	---
Subtotal pulp and waste paper	60	---	60	---	---	---
4225 pulp & waste paper	60	---	60	---	---	---
Subtotal soil, sand, gravel, rock and stone	0	---	0	---	---	---
4310 building stone	0	---	0	---	---	---
4331 sand & gravel	0	---	0	---	---	---
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	245	14	196	35	35	---
Subtotal paper products	180	0	180	0	0	---
5110 newsprint	3	---	3	---	---	---
5120 paper & paperboard	176	---	176	0	0	---
5190 paper products nec	2	0	2	---	---	---
Subtotal lime, cement and glass	3	0	3	---	---	---
5210 lime	0	---	0	---	---	---
5220 cement & concrete	0	---	0	---	---	---
5240 glass & glass prod.	0	0	0	---	---	---
5290 misc. mineral prod.	3	0	3	---	---	---
Subtotal primary iron and steel products	29	12	1	16	16	---
5320 i&s primary forms	0	---	0	---	---	---
5360 i&s bars & shapes	14	---	0	14	14	---
5370 i&s pipe & tube	1	1	0	---	---	---
5390 primary i&s nec	14	11	0	2	2	---
Subtotal primary non-ferrous metal products	11	1	10	0	0	---
5422 aluminum	4	---	4	---	---	---

FERNANDINA HARBOR, FL
 Freight Traffic, 2002 - continued
 (thousand short tons)

Commodity	Grand Total	Foreign		Domestic		
		Inbound*	Outbound*	Total	Coastwise	Internal
					Shipments	Receipts
5429 smelted prod. nec	0	0	—	—	—	—
5480 fab. metal products	7	1	6	0	0	—
Subtotal primary wood products	21	—	2	19	19	—
5540 primary wood prod.	21	—	2	19	19	—
Total food and farm products	64	36	28	—	—	—
Subtotal fish	0	—	0	—	—	—
6134 fish (not shellfish)	0	—	0	—	—	—
6136 shellfish	0	—	0	—	—	—
Subtotal grain	0	—	0	—	—	—
6445 oats	0	—	0	—	—	—
Subtotal vegetable products	0	0	0	—	—	—
6653 vegetable oils	0	—	0	—	—	—
6654 vegetables & prod.	0	0	0	—	—	—
Subtotal processed grain and animal feed	2	—	2	—	—	—
6746 wheat flour	0	—	0	—	—	—
6747 grain mill products	0	—	0	—	—	—
6781 hay & fodder	0	—	0	—	—	—
6782 animal feed, prep.	2	—	2	—	—	—
Subtotal other agricultural products	61	36	25	—	—	—
6811 meat, fresh, frozen	9	—	9	—	—	—
6822 dairy products	2	—	2	—	—	—
6839 animals & prod. nec	0	—	0	—	—	—
6856 bananas & plantains	36	36	—	—	—	—
6857 fruit & nuts nec	0	—	0	—	—	—
6858 fruit juices	1	—	1	—	—	—
6871 coffee	0	—	0	—	—	—
6885 alcoholic beverages	8	0	7	—	—	—
6888 water & ice	0	—	0	—	—	—
6889 food products nec	6	—	6	—	—	—
6891 tobacco & products	0	0	0	—	—	—
6894 natural fibers nec	0	—	0	—	—	—
6899 farm products nec	0	0	0	—	—	—
Total all manufactured equipment, machinery and products	58	43	15	0	0	—
7110 machinery (not elec)	6	1	5	—	—	—
7120 electrical machinery	3	0	3	—	—	—
7210 vehicles & parts	37	36	1	—	—	—
7220 aircraft & parts	0	—	0	—	—	—
7230 ships & boats	0	0	0	—	—	—
7400 manufac. wood prod.	1	0	1	—	—	—
7500 textile products	4	1	2	—	—	—
7600 rubber & plastic pr.	2	0	1	0	0	—
7900 manufac. prod. nec	5	4	2	—	—	—
Total unknown or not elsewhere classified	19	4	14	—	—	—
9900 unknown or nec	19	4	14	—	—	—

Tons All Traffic (x1000) 615
 Total Trip-ton-miles Internal and Intraport (x1000) 3,993

*Includes 526 tons of foreign inbound in-transits; Includes 32,772 tons of foreign outbound in-transits.

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

Section Included: Fernandina Harbor, FL, to St. Johns River, 21.9 miles. Controlling Depth: Sawpit Creek 8 feet. Project Depth: 12 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1993	532	1996	530	1999	521	2002	353
1994	602	1997	468	2000	463		
1995	492	1998	484	2001	364		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Domestic					
		Coastwise			Internal		
		Shipments	Through		Inbound	Through	
		Upbound	Downbnd	Upbound	Upbound	Downbnd	
Total, all commodities	353	37	45	2	108	160	1
Total petroleum and petroleum products	204	---	---	---	46	158	---
Subtotal petroleum products	204	---	---	---	46	158	---
2211 gasoline	20	---	---	---	---	20	---
2340 residual fuel oil	184	---	---	---	46	138	---
Total chemicals and related products	62	---	0	---	62	---	---
Subtotal other chemicals and related products	62	---	0	---	62	---	---
3274 sodium hydroxide	62	---	---	---	62	---	---
3299 chem. products nec	0	---	0	---	---	---	---
Total crude materials, inedible except fuels	2	2	---	---	---	---	---
Subtotal forest products, wood and chips	2	2	---	---	---	---	---
4189 lumber	2	2	---	---	---	---	---
Total primary manufactured goods	41	35	1	2	---	2	1
Subtotal paper products	0	0	---	---	---	---	---
5120 paper & paperboard	0	0	---	---	---	---	---
Subtotal lime, cement and glass	3	---	---	---	---	2	1
5290 misc. mineral prod.	3	---	---	---	---	2	1
Subtotal primary iron and steel products	19	16	1	2	---	---	---
5360 i&s bars & shapes	17	14	1	1	---	---	---
5370 i&s pipe & tube	0	---	---	0	---	---	---
5390 primary i&s nec	2	2	---	---	---	---	---
Subtotal primary non-ferrous metal products	0	0	---	0	---	---	---
5480 fab. metal products	0	0	---	0	---	---	---
Subtotal primary wood products	19	19	---	---	---	---	---
5540 primary wood prod.	19	19	---	---	---	---	---
Total food and farm products	41	---	41	---	---	---	---
Subtotal vegetable products	10	---	10	---	---	---	---
6653 vegetable oils	10	---	10	---	---	---	---
Subtotal other agricultural products	31	---	31	---	---	---	---
6865 molasses	28	---	28	---	---	---	---
6887 groceries	3	---	3	---	---	---	---
Total all manufactured equipment, machinery and products	4	0	3	0	---	0	0
7110 machinery (not elec)	1	---	0	0	---	0	0
7210 vehicles & parts	0	---	0	---	---	---	---
7300 ordnance & access.	0	---	0	---	---	---	---
7400 manufac. wood prod.	1	---	1	---	---	---	---
7600 rubber & plastic pr.	0	0	---	---	---	---	---
7900 manufac. prod. nec	2	---	2	---	---	---	---
Ton-miles (x1000)	7,981	111	1,181	56	2,467	4,150	15
Tons All Traffic (x1000)	353						
Ton-miles All Traffic (x1000)	7,981						
Total Trip-ton-miles Internal and Intraport (x1000)	19,892						

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
1993	18,850	1996	16,737	1999	19,257	2002	17,906
1994	18,914	1997	18,186	2000	19,701		
1995	15,693	1998	21,190	2001	17,809		

Freight Traffic, 2002 (thousand short tons)

Commodity	Total	Foreign		Canadian
		Inbound*	Outbound*	Inbound
Total, all commodities	9,677	6,923	988	1,766
Total coal	1,293	1,292	1	—
1100 coal lignite	1,293	1,292	1	—
Total petroleum and petroleum products	2,982	2,741	6	235
Subtotal crude petroleum	0	—	0	—
2100 crude petroleum	0	—	0	—
Subtotal petroleum products	2,982	2,741	6	235
2211 gasoline	1,322	1,294	0	28
2330 distillate fuel oil	519	319	—	200
2340 residual fuel oil	522	522	—	—
2350 lube oil & greases	4	1	3	—
2429 naphtha & solvents	60	52	1	7
2540 petroleum coke	555	553	2	—
2640 liquid natural gas	0	—	0	—
Total chemicals and related products	256	118	125	12
Subtotal fertilizers	21	14	1	6
3110 nitrogenous fert.	13	13	—	—
3190 fert. & mixes nec	7	1	1	6
Subtotal other chemicals and related products	235	104	125	6
3211 acyclic hydrocarbons	0	0	0	—
3212 benzene & toluene	4	4	0	—
3219 other hydrocarbons	10	10	1	—
3220 alcohols	3	0	2	—
3230 carboxylic acids	34	5	29	—
3240 nitrogen func. comp.	4	0	4	—
3250 organo - inorg. comp.	1	—	1	—
3260 organic comp. nec	6	0	6	—
3272 sulphuric acid	21	21	0	—
3274 sodium hydroxide	30	23	1	6
3275 inorg. elem., oxides, & halogen salts	9	0	9	—
3276 metallic salts	3	0	3	—
3279 inorganic chem. nec	0	0	0	—
3281 radioactive material	0	0	—	—
3282 pigments & paints	10	3	6	—
3283 coloring mat. nec	1	0	1	—
3284 medicines	2	0	2	—
3285 perfumes & cleansers	15	11	4	—
3286 plastics	34	2	31	—
3291 pesticides	10	3	8	—
3292 starches, gluten, glue	2	0	2	—
3293 explosives	0	0	—	—
3297 chemical additives	0	—	0	—
3298 wood & resin chem.	10	10	0	—
3299 chem. products nec	25	11	14	—
Total crude materials, inedible except fuels	2,935	1,354	89	1,492
Subtotal forest products, wood and chips	109	84	25	0
4110 rubber & gums	0	0	0	—
4150 fuel wood	0	0	0	—
4170 wood in the rough	1	0	0	—
4189 lumber	108	84	25	0
4190 forest products nec	0	0	0	—
Subtotal pulp and waste paper	227	168	59	—
4225 pulp & waste paper	227	168	59	—
Subtotal soil, sand, gravel, rock and stone	2,387	894	0	1,492
4310 building stone	87	53	—	34
4322 limestone	804	803	0	—
4323 gypsum	963	0	—	963
4331 sand & gravel	533	38	0	496
Subtotal non-ferrous ores and scrap	1	0	1	—
4650 aluminum ore	0	0	0	—
4670 manganese ore	0	0	—	—
4680 non-ferrous scrap	0	0	—	—
4690 non-ferrous ores nec	0	—	0	—
Subtotal sulphur, clay and salt	3	0	3	—
4782 clay & refrac. mat.	3	0	3	—
Subtotal other non-metal. min.	208	207	1	—
4900 non-metal. min. nec	208	207	1	—

JACKSONVILLE HARBOR, FL
Freight Traffic, 2002 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian
		Inbound*	Outbound*	Inbound
Total primary manufactured goods	573	462	112	—
Subtotal paper products	68	21	47	—
5110 newsprint	6	2	4	—
5120 paper & paperboard	46	7	39	—
5190 paper products nec	16	12	5	—
Subtotal lime, cement and glass	159	149	10	—
5210 lime	0	—	0	—
5220 cement & concrete	135	134	1	—
5240 glass & glass prod.	4	3	2	—
5290 misc. mineral prod.	20	12	7	—
Subtotal primary iron and steel products	249	244	5	—
5312 pig iron	1	1	—	—
5315 ferro alloys	5	5	0	—
5320 i&s primary forms	10	10	0	—
5330 i&s plates & sheets	18	18	0	—
5360 i&s bars & shapes	183	180	3	—
5370 i&s pipe & tube	1	0	0	—
5390 primary i&s nec	30	30	0	—
Subtotal primary non-ferrous metal products	66	25	42	—
5421 copper	0	0	0	—
5422 aluminum	41	11	29	—
5429 smelted prod. nec	6	6	0	—
5480 fab. metal products	19	7	12	—
Subtotal primary wood products	31	23	8	—
5540 primary wood prod.	31	23	8	—
Total food and farm products	565	186	353	26
Subtotal fish	42	24	18	—
6134 fish (not shellfish)	37	20	17	—
6136 shellfish	6	5	1	—
Subtotal grain	9	3	6	—
6241 wheat	0	—	0	—
6344 corn	3	3	1	—
6442 rice	5	0	5	—
6445 oats	0	—	0	—
Subtotal oilseeds	6	3	3	—
6521 peanuts	3	1	2	—
6522 soybeans	0	—	0	—
6590 oilseeds nec	3	2	0	—
Subtotal vegetable products	10	3	7	—
6653 vegetable oils	4	1	3	—
6654 vegetables & prod.	6	2	4	—
Subtotal processed grain and animal feed	19	3	15	—
6746 wheat flour	0	—	0	—
6747 grain mill products	11	3	7	—
6781 hay & fodder	0	—	0	—
6782 animal feed, prep.	7	—	7	—
Subtotal other agricultural products	480	149	305	26
6811 meat, fresh, frozen	223	0	222	—
6817 meat, prepared	5	5	1	—
6822 dairy products	1	0	1	—
6835 fish, prepared	4	3	0	—
6838 tallow, animal oils	0	0	—	—
6839 animals & prod. nec	41	30	0	10
6856 bananas & plantains	0	0	—	—
6857 fruit & nuts nec	3	1	2	—
6858 fruit juices	12	8	4	—
6861 sugar	4	3	1	—
6871 coffee	91	75	0	15
6872 cocoa beans	2	0	2	—
6885 alcoholic beverages	28	7	21	—
6888 water & ice	1	0	0	—
6889 food products nec	53	12	41	—
6891 tobacco & products	2	1	1	—
6893 cotton	7	0	7	—
6894 natural fibers nec	1	1	1	—
6899 farm products nec	2	1	0	—
Total all manufactured equipment, machinery and products	948	715	233	0
7110 machinery (not elec)	57	30	28	—
7120 electrical machinery	24	11	13	—
7210 vehicles & parts	753	610	143	0
7220 aircraft & parts	0	0	0	—
7230 ships & boats	2	0	2	—
7300 ordnance & access.	0	0	—	—
7400 manufac. wood prod.	13	6	7	—
7500 textile products	35	15	20	—
7600 rubber & plastic pr.	31	22	9	—
7900 manufac. prod. nec	32	22	11	—
Total unknown or not elsewhere classified	125	55	70	0
9900 unknown or nec	125	55	70	0

JACKSONVILLE HARBOR, FL
 Freight Traffic, 2002 - continued
 (thousand short tons)

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Total, all commodities	8,229	4,935	2,172	1	542	580
Total coal	294	294	---	---	---	---
1100 coal lignite	294	294	---	---	---	---
Total petroleum and petroleum products	5,018	3,962	1	---	475	580
Subtotal petroleum products	5,018	3,962	1	---	475	580
2211 gasoline	1,904	1,885	---	---	20	---
2221 kerosene	40	40	---	---	---	---
2330 distillate fuel oil	1,330	1,330	0	---	---	---
2340 residual fuel oil	1,278	243	---	---	455	580
2350 lube oil & greases	1	0	0	---	---	---
2429 naphtha & solvents	0	---	0	---	---	---
2430 asphalt, tar & pitch	174	174	0	---	---	---
2540 petroleum coke	291	291	---	---	---	---
2640 liquid natural gas	0	0	0	---	---	---
2990 petro. products nec	0	---	0	---	---	---
Total chemicals and related products	298	165	72	---	62	---
Subtotal fertilizers	0	---	0	---	---	---
3130 potassic fert.	0	---	0	---	---	---
3190 fert. & mixes nec	0	---	0	---	---	---
Subtotal other chemicals and related products	298	165	72	---	62	---
3219 other hydrocarbons	0	0	0	---	---	---
3220 alcohols	8	8	1	---	---	---
3230 carboxylic acids	0	0	0	---	---	---
3240 nitrogen func. comp.	0	0	0	---	---	---
3250 organo - inorg. comp.	0	---	0	---	---	---
3260 organic comp. nec	0	---	0	---	---	---
3272 sulphuric acid	0	---	0	---	---	---
3274 sodium hydroxide	174	112	0	---	62	---
3275 inorg. elem., oxides, & halogen salts	1	0	1	---	---	---
3276 metallic salts	0	0	0	---	---	---
3279 inorganic chem. nec	0	---	0	---	---	---
3282 pigments & paints	2	0	2	---	---	---
3283 coloring mat. nec	0	---	0	---	---	---
3284 medicines	13	11	3	---	---	---
3285 perfumes & cleansers	6	2	4	---	---	---
3286 plastics	2	0	2	---	---	---
3291 pesticides	0	0	0	---	---	---
3292 starches, gluten, glue	1	0	0	---	---	---
3297 chemical additives	0	---	0	---	---	---
3298 wood & resin chem.	0	---	0	---	---	---
3299 chem. products nec	89	31	57	---	---	---
Total crude materials, inedible except fuels	37	29	8	---	---	---
Subtotal forest products, wood and chips	1	1	0	---	---	---
4110 rubber & gums	1	1	---	---	---	---
4170 wood in the rough	0	---	0	---	---	---
4189 lumber	0	0	0	---	---	---
4190 forest products nec	0	0	---	---	---	---
Subtotal pulp and waste paper	28	28	---	---	---	---
4225 pulp & waste paper	28	28	---	---	---	---
Subtotal soil, sand, gravel, rock and stone	5	---	5	---	---	---
4323 gypsum	0	---	0	---	---	---
4327 phosphate rock	0	---	0	---	---	---
4331 sand & gravel	5	---	5	---	---	---
Subtotal iron ore and scrap	0	0	0	---	---	---
4420 iron & steel scrap	0	0	0	---	---	---
Subtotal non-ferrous ores and scrap	0	0	0	---	---	---
4680 non-ferrous scrap	0	0	0	---	---	---
Subtotal sulphur, clay and salt	3	---	3	---	---	---
4782 clay & refrac. mat.	3	---	3	---	---	---
Subtotal other non-metal. min.	0	---	0	---	---	---
4900 non-metal. min. nec	0	---	0	---	---	---
Total primary manufactured goods	218	172	40	1	5	---
Subtotal paper products	14	0	14	---	---	---
5110 newsprint	0	---	0	---	---	---
5120 paper & paperboard	3	---	3	---	---	---
5190 paper products nec	11	0	11	---	---	---
Subtotal lime, cement and glass	177	154	17	1	5	---
5220 cement & concrete	165	153	13	---	---	---
5240 glass & glass prod.	2	0	2	---	---	---
5290 misc. mineral prod.	10	1	3	1	5	---
Subtotal primary iron and steel products	1	---	1	---	---	---
5330 i&s plates & sheets	0	---	0	---	---	---
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	26	18	8	---	---	---
5421 copper	0	---	0	---	---	---
5422 aluminum	1	---	1	---	---	---
5480 fab. metal products	25	18	7	---	---	---
Subtotal primary wood products	0	---	0	---	---	---

JACKSONVILLE HARBOR, FL
 Freight Traffic, 2002 - continued
 (thousand short tons)

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
5540 primary wood prod.	0	—	0	—	—	—
Total food and farm products	521	41	480	—	—	—
Subtotal fish	0	0	0	—	—	—
6134 fish (not shellfish)	0	0	0	—	—	—
6136 shellfish	0	0	0	—	—	—
Subtotal grain	0	0	0	—	—	—
6344 corn	0	—	0	—	—	—
6442 rice	0	0	0	—	—	—
Subtotal oilseeds	0	0	0	—	—	—
6590 oilseeds nec	0	0	0	—	—	—
Subtotal vegetable products	20	2	17	—	—	—
6653 vegetable oils	12	—	12	—	—	—
6654 vegetables & prod.	7	2	5	—	—	—
Subtotal processed grain and animal feed	3	—	3	—	—	—
6746 wheat flour	1	—	1	—	—	—
6747 grain mill products	1	—	1	—	—	—
6781 hay & fodder	0	—	0	—	—	—
6782 animal feed, prep.	1	—	1	—	—	—
Subtotal other agricultural products	498	38	459	—	—	—
6811 meat, fresh, frozen	13	—	13	—	—	—
6817 meat, prepared	3	—	3	—	—	—
6822 dairy products	1	0	1	—	—	—
6835 fish, prepared	0	0	0	—	—	—
6838 tallow, animal oils	0	—	0	—	—	—
6839 animals & prod. nec	0	—	0	—	—	—
6857 fruit & nuts nec	1	0	0	—	—	—
6858 fruit juices	1	0	1	—	—	—
6861 sugar	1	—	1	—	—	—
6865 molasses	28	—	28	—	—	—
6871 coffee	0	0	0	—	—	—
6885 alcoholic beverages	3	0	3	—	—	—
6887 groceries	304	34	270	—	—	—
6888 water & ice	0	—	0	—	—	—
6889 food products nec	140	1	139	—	—	—
6891 tobacco & products	0	0	0	—	—	—
6893 cotton	3	3	—	—	—	—
6899 farm products nec	0	—	0	—	—	—
Total all manufactured equipment, machinery and products	1,723	266	1,457	—	—	—
7110 machinery (not elec)	39	24	16	—	—	—
7120 electrical machinery	7	5	2	—	—	—
7210 vehicles & parts	107	12	95	—	—	—
7230 ships & boats	0	0	0	—	—	—
7300 ordnance & access.	1	—	1	—	—	—
7400 manufac. wood prod.	170	3	168	—	—	—
7500 textile products	6	3	3	—	—	—
7600 rubber & plastic pr.	2	1	1	—	—	—
7800 empty containers	0	0	0	—	—	—
7900 manufac. prod. nec	1,390	217	1,172	—	—	—
Total waste and scrap nec	0	0	—	—	—	—
8900 waste and scrap nec	0	0	—	—	—	—
Total unknown or not elsewhere classified	120	7	114	—	—	—
9900 unknown or nec	120	7	114	—	—	—

*Includes 59,599 tons of foreign inbound in-transits; Includes 28,562 tons of foreign outbound in-transits.

ST. JOHNS RIVER, FL JACKSONVILLE TO LAKE HARNEY

Section Included: Florida East Coast Railway Bridge at Jacksonville to Lake Harney, 186.4 miles: side channel to Enterprise, 2.7 miles. Controlling Depth: 11 feet, Jacksonville to United States Naval Air Station; 9 feet to Sanford; 8.7 feet in Enterprise Channel; 2 feet, Sanford to Lake Harney. Project Depth: 13 feet, Jacksonville to Palatka, 12 feet, Palatka to Sanford, 140.6 miles, and 12 feet in Enterprise Channel: 5 feet, Sanford to Lake Harney, 20.9 miles.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1993	1,220	1996	703	1999	871	2002	264
1994	1,068	1997	640	2000	881		
1995	527	1998	855	2001	807		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Internal		
		Inbound Upbound	Outbound Downbnd	Through Upbound
Total, all commodities	264	132	1	131
Total petroleum and petroleum products	263	131	1	131
Subtotal petroleum products	263	131	1	131
2340 residual fuel oil	263	131	1	131
Total primary manufactured goods	1	1	---	---
Subtotal lime, cement and glass	1	1	---	---
5290 misc. mineral prod.	1	1	---	---
Ton-miles (x1000)	24,582	17,887	16	6,679

Tons All Traffic (x1000) **264**
 Ton-miles All Traffic (x1000) **24,582**
 Total Trip-ton-miles Internal and Intraport (x1000) **27,563**

INTRACOASTAL WATERWAY, JACKSONVILLE TO MIAMI, FL

Section Included: St. Johns River to Miami, FL, 349 miles. Controlling Centerline Depth: 9 feet, St. Johns River to Fort Pierce and 8 feet from Fort Pierce to Miami except for widely separated spot shoals in outside quarters. Project Depth: 12 feet, Jacksonville to Fort Pierce thence 10 feet to Miami, 349 miles.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1993	1,029	1996	585	1999	833	2002	565
1994	1,145	1997	424	2000	820		
1995	435	1998	694	2001	1,001		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Foreign	Domestic						
		Outbound*	Total	Coastwise		Internal			
			Through Upbound	Downbnd	Inbound Upbound	Through Downbnd			
Total, all commodities	565	16	549	4	16	51	470	1	7
Total petroleum and petroleum products	541	0	541	2	14	51	470	---	4
Subtotal petroleum products	541	0	541	2	14	51	470	---	4
2211 gasoline	5	---	5	2	3	---	---	---	---
2340 residual fuel oil	525	---	525	---	---	51	470	---	4
2350 lube oil & greases	0	0	---	---	---	---	---	---	---
2640 liquid natural gas	11	0	11	---	11	---	---	---	---
Total chemicals and related products	0	0	---	---	---	---	---	---	---
Subtotal other chemicals and related products	0	0	---	---	---	---	---	---	---
3275 inorg. elem., oxides, & halogen salts	0	0	---	---	---	---	---	---	---
3285 perfumes & cleansers	0	0	---	---	---	---	---	---	---
Total crude materials, inedible except fuels	0	0	---	---	---	---	---	---	---
Subtotal forest products, wood and chips	0	0	---	---	---	---	---	---	---
4189 lumber	0	0	---	---	---	---	---	---	---
Total primary manufactured goods	7	0	7	1	2	---	---	1	3
Subtotal lime, cement and glass	4	0	4	---	---	---	---	1	3
5240 glass & glass prod.	0	0	---	---	---	---	---	---	---
5290 misc. mineral prod.	4	0	4	---	---	---	---	1	3
Subtotal primary iron and steel products	3	---	3	1	2	---	---	---	---
5360 i&s bars & shapes	3	---	3	1	1	---	---	---	---
5370 i&s pipe & tube	0	---	0	---	0	---	---	---	---

INTRACOASTAL WATERWAY, JACKSONVILLE TO MIAMI, FL
Freight Traffic, 2002 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Domestic								
		Outbound*		Total	Coastwise		Internal					
					Through		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
					Upbound	Downbnd						
Subtotal primary non-ferrous metal products	0	0	0	0	0	---	---	---	---			
5480 fab. metal products	0	0	0	0	0	---	---	---	---			
Total food and farm products	0	0	---	---	---	---	---	---	---			
Subtotal grain	0	0	---	---	---	---	---	---	---			
6442 rice	0	0	---	---	---	---	---	---	---			
Subtotal other agricultural products	0	0	---	---	---	---	---	---	---			
6811 meat, fresh, frozen	0	0	---	---	---	---	---	---	---			
6822 dairy products	0	0	---	---	---	---	---	---	---			
6857 fruit & nuts nec	0	0	---	---	---	---	---	---	---			
6858 fruit juices	0	0	---	---	---	---	---	---	---			
6885 alcoholic beverages	0	0	---	---	---	---	---	---	---			
6889 food products nec	0	0	---	---	---	---	---	---	---			
Total all manufactured equipment, machinery and products	12	11	1	0	0	---	---	0	0			
7110 machinery (not elec)	11	10	1	0	0	---	---	0	0			
7120 electrical machinery	0	0	---	---	---	---	---	---	---			
7230 ships & boats	0	0	0	0	---	---	---	---	---			
7500 textile products	0	0	---	---	---	---	---	---	---			
7900 manufac. prod. nec	0	0	---	---	---	---	---	---	---			
Total unknown or not elsewhere classified	5	5	---	---	---	---	---	---	---			
9900 unknown or nec	5	5	---	---	---	---	---	---	---			
Ton-miles (x1000)	7,591	78	7,513	1,022	1,664	152	2,604	350	1,719			
Tons All Traffic (x1000)			565									
Ton-miles All Traffic (x1000)			7,592									
Total Trip-ton-miles Internal and Intraport (x1000)			10,718									

*Includes 157 tons of foreign outbound in-transits.

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
1993	3,454	1996	3,567	1999	3,916	2002	3,981
1994	3,625	1997	3,147	2000	4,247		
1995	2,817	1998	3,795	2001	4,378		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic				
		Inbound*	Outbound*	Inbound	Total	Coastwise Receipts	Internal		
							Receipts	Shipments	Intraport
Total, all commodities	3,981	2,284	252	296	1,149	472	4	516	157
Total petroleum and petroleum products	2,116	930	6	31	1,149	472	4	516	157
Subtotal petroleum products	2,116	930	6	31	1,149	472	4	516	157
2211 gasoline	356	271	---	---	85	85	---	---	---
2221 kerosene	29	29	---	---	---	---	---	---	---
2330 distillate fuel oil	90	72	---	---	18	18	---	---	---
2340 residual fuel oil	1,603	557	6	31	1,008	331	4	516	157
2350 lube oil & greases	0	---	0	---	---	---	---	---	---
2430 asphalt, tar & pitch	38	---	---	---	38	38	---	---	---
Total chemicals and related products	1	0	0	---	---	---	---	---	---
Subtotal other chemicals and related products	1	0	0	---	---	---	---	---	---
3211 acyclic hydrocarbons	0	0	---	---	---	---	---	---	---
3219 other hydrocarbons	0	0	---	---	---	---	---	---	---
3220 alcohols	0	---	0	---	---	---	---	---	---
3275 inorg. elem., oxides, & halogen salts	0	0	0	---	---	---	---	---	---
3276 metallic salts	0	---	0	---	---	---	---	---	---

CANAVERAL HARBOR, FL
 Freight Traffic, 2002 - continued
 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic				
		Inbound*	Outbound*	Inbound	Total	Coastwise Receipts	Internal		
							Receipts	Shipments	Intraport
3282 pigments & paints	0	—	0	—	—	—	—	—	—
3285 perfumes & cleansers	1	0	0	—	—	—	—	—	—
3286 plastics	0	0	0	—	—	—	—	—	—
3299 chem. products nec	0	—	0	—	—	—	—	—	—
Total crude materials, inedible except fuels	487	363	22	101	—	—	—	—	—
Subtotal forest products, wood and chips	76	76	0	—	—	—	—	—	—
4170 wood in the rough	4	4	—	—	—	—	—	—	—
4189 lumber	72	72	0	—	—	—	—	—	—
Subtotal pulp and waste paper	2	2	—	—	—	—	—	—	—
4225 pulp & waste paper	2	2	—	—	—	—	—	—	—
Subtotal soil, sand, gravel, rock and stone	152	28	22	101	—	—	—	—	—
4310 building stone	0	—	0	—	—	—	—	—	—
4331 sand & gravel	151	28	22	101	—	—	—	—	—
Subtotal other non-metal. min.	257	257	—	—	—	—	—	—	—
4900 non-metal. min. nec	257	257	—	—	—	—	—	—	—
Total primary manufactured goods	1,098	934	0	163	—	—	—	—	—
Subtotal paper products	173	10	0	163	—	—	—	—	—
5110 newsprint	163	—	—	163	—	—	—	—	—
5120 paper & paperboard	10	10	—	—	—	—	10	—	—
5190 paper products nec	0	—	0	—	—	—	—	—	—
Subtotal lime, cement and glass	877	877	0	—	—	—	—	—	—
5220 cement & concrete	877	877	0	—	—	—	—	—	—
5290 misc. mineral prod.	0	—	0	—	—	—	—	—	—
Subtotal primary iron and steel products	23	23	0	—	—	—	—	—	—
5360 i&s bars & shapes	23	23	0	—	—	—	—	—	—
5370 i&s pipe & tube	0	—	0	—	—	—	—	—	—
5390 primary i&s nec	0	—	0	—	—	—	—	—	—
Subtotal primary non-ferrous metal products	0	0	0	—	—	—	—	—	—
5480 fab. metal products	0	0	0	—	—	—	—	—	—
Subtotal primary wood products	24	24	—	—	—	—	—	—	—
5540 primary wood prod.	24	24	—	—	—	—	—	—	—
Total food and farm products	245	42	203	0	—	—	—	—	—
Subtotal fish	0	—	0	—	—	—	—	—	—
6136 shellfish	0	—	0	—	—	—	—	—	—
Subtotal grain	0	—	0	—	—	—	—	—	—
6442 rice	0	—	0	—	—	—	—	—	—
Subtotal vegetable products	0	—	0	—	—	—	—	—	—
6653 vegetable oils	0	—	0	—	—	—	—	—	—
Subtotal processed grain and animal feed	58	—	58	0	—	—	—	—	—
6746 wheat flour	50	—	50	—	—	—	—	—	—
6781 hay & fodder	8	—	8	0	—	—	—	—	—
Subtotal other agricultural products	187	42	145	—	—	—	—	—	—
6835 fish, prepared	0	0	—	—	—	—	—	—	—
6857 fruit & nuts nec	90	19	72	—	—	—	—	—	—
6858 fruit juices	95	24	72	—	—	—	—	—	—
6885 alcoholic beverages	0	—	0	—	—	—	—	—	—
6889 food products nec	2	—	2	—	—	—	—	—	—
Total all manufactured equipment, machinery and products	18	9	9	—	—	—	—	—	—
7110 machinery (not elec)	2	0	2	—	—	—	—	—	—
7120 electrical machinery	0	0	0	—	—	—	—	—	—
7210 vehicles & parts	5	0	5	—	—	—	—	—	—
7230 ships & boats	0	—	0	—	—	—	—	—	—
7400 manufac. wood prod.	8	8	—	—	—	—	—	—	—
7500 textile products	0	0	0	—	—	—	—	—	—
7600 rubber & plastic pr.	0	0	0	—	—	—	—	—	—
7900 manufac. prod. nec	2	1	1	—	—	—	—	—	—
Total unknown or not elsewhere classified	16	5	11	—	—	—	—	—	—
9900 unknown or nec	16	5	11	—	—	—	—	—	—

*Includes 249 tons of foreign inbound in-transits; Includes 423 tons of foreign outbound in-transits.

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 through Lake Worth; and 3 feet in Palm Beach side channel and basin. Project Depth: 35 feet in entrance channel from ocean merging with an inner channel 33 feet deep to and including turning basin at Port of Palm Beach Terminals.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1993	2,816	1996	2,294	1999	3,352	2002	4,022
1994	2,884	1997	2,922	2000	2,950		
1995	2,972	1998	3,149	2001	3,518		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Inbound*	Outbound*	Inbound*	Outbound*	Total	Coastwise	
							Receipts	Shipments
Total, all commodities	4,022	563	1,096	99	22	2,243	1,038	1,206
Total coal	1	---	0	0	---	---	---	---
1100 coal lignite	0	---	0	0	---	---	---	---
1200 coal coke	0	---	0	0	---	---	---	---
Total petroleum and petroleum products	1,332	285	9	0	---	1,038	1,038	---
Subtotal petroleum products	1,332	285	9	0	---	1,038	1,038	---
2211 gasoline	2	---	2	---	---	---	---	---
2221 kerosene	0	---	0	---	---	---	---	---
2330 distillate fuel oil	1	---	1	0	---	---	---	---
2340 residual fuel oil	1,323	285	---	---	---	1,038	1,038	---
2350 lube oil & greases	2	0	2	0	---	---	---	---
2429 naphtha & solvents	0	---	0	---	---	---	---	---
2430 asphalt, tar & pitch	0	---	0	---	---	---	---	---
2540 petroleum coke	2	0	2	---	---	---	---	---
2640 liquid natural gas	2	0	2	0	---	---	---	---
Total chemicals and related products	64	23	33	8	---	---	---	---
Subtotal fertilizers	7	---	4	4	---	---	---	---
3110 nitrogenous fert.	0	---	0	---	---	---	---	---
3190 fert. & mixes nec	7	---	3	4	---	---	---	---
Subtotal other chemicals and related products	56	23	30	4	---	---	---	---
3211 acyclic hydrocarbons	2	---	2	---	---	---	---	---
3212 benzene & toluene	0	---	0	---	---	---	---	---
3219 other hydrocarbons	0	---	0	0	---	---	---	---
3220 alcohols	3	2	0	---	---	---	---	---
3230 carboxylic acids	0	---	0	0	---	---	---	---
3240 nitrogen func. comp.	0	---	0	---	---	---	---	---
3250 organo - inorg. comp.	0	---	0	0	---	---	---	---
3260 organic comp. nec	0	0	0	0	---	---	---	---
3272 sulphuric acid	0	---	0	---	---	---	---	---
3273 ammonia	0	0	0	---	---	---	---	---
3274 sodium hydroxide	1	---	1	---	---	---	---	---
3275 inorg. elem., oxides, & halogen salts	3	0	3	0	---	---	---	---
3276 metallic salts	1	---	1	0	---	---	---	---
3279 inorganic chem. nec	0	---	0	---	---	---	---	---
3282 pigments & paints	3	0	3	0	---	---	---	---
3283 coloring mat. nec	0	---	0	---	---	---	---	---
3284 medicines	1	0	1	0	---	---	---	---
3285 perfumes & cleansers	8	1	6	1	---	---	---	---
3286 plastics	23	19	3	2	---	---	---	---
3291 pesticides	1	0	0	0	---	---	---	---
3292 starches, gluten, glue	1	---	1	0	---	---	---	---
3293 explosives	0	0	0	---	---	---	---	---
3297 chemical additives	0	0	0	---	---	---	---	---
3298 wood & resin chem.	0	---	0	---	---	---	---	---
3299 chem. products nec	8	0	8	0	---	---	---	---
Total crude materials, inedible except fuels	39	1	35	2	---	---	---	---
Subtotal forest products, wood and chips	28	1	26	1	---	---	---	---
4150 fuel wood	0	0	0	0	---	---	---	---
4161 wood chips	0	---	---	0	---	---	---	---
4170 wood in the rough	1	0	0	0	---	---	---	---
4189 lumber	27	0	26	1	---	---	---	---
4190 forest products nec	0	0	0	0	---	---	---	---
Subtotal pulp and waste paper	1	0	1	0	---	---	---	---
4225 pulp & waste paper	1	0	1	0	---	---	---	---
Subtotal soil, sand, gravel, rock and stone	4	0	3	1	---	---	---	---
4310 building stone	0	---	0	0	---	---	---	---
4322 limestone	0	0	---	---	---	---	---	---
4323 gypsum	0	---	0	---	---	---	---	---
4331 sand & gravel	3	0	2	1	---	---	---	---
Subtotal iron ore and scrap	0	0	---	---	---	---	---	---
4420 iron & steel scrap	0	0	---	---	---	---	---	---

PALM BEACH HARBOR, FL
Freight Traffic, 2002 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Inbound*	Outbound*	Inbound*	Outbound*	Total	Coastwise	
							Receipts	Shipments
Subtotal marine shells	0	0	0	---	---	---	---	---
4515 marine shells	0	0	0	---	---	---	---	---
Subtotal non-ferrous ores and scrap	0	0	---	---	---	---	---	---
4680 non-ferrous scrap	0	0	---	---	---	---	---	---
Subtotal sulphur, clay and salt	0	0	0	---	---	---	---	---
4782 clay & refrac. mat.	0	0	0	---	---	---	---	---
Subtotal other non-metal. min.	6	---	5	1	---	---	---	---
4900 non-metal. min. nec	6	---	5	1	---	---	---	---
Total primary manufactured goods	216	94	110	12	---	---	---	---
Subtotal paper products	18	1	13	3	---	---	---	---
5110 newsprint	1	---	0	0	---	---	---	---
5120 paper & paperboard	5	0	3	2	---	---	---	---
5190 paper products nec	12	1	11	0	---	---	---	---
Subtotal lime, cement and glass	105	75	29	0	---	---	---	---
5210 lime	0	---	0	---	---	---	---	---
5220 cement & concrete	71	61	9	---	---	---	---	---
5240 glass & glass prod.	7	1	6	0	---	---	---	---
5290 misc. mineral prod.	26	13	14	0	---	---	---	---
Subtotal primary iron and steel products	22	15	6	1	---	---	---	---
5312 pig iron	0	---	0	---	---	---	---	---
5320 i&s primary forms	1	---	1	0	---	---	---	---
5330 i&s plates & sheets	2	1	1	0	---	---	---	---
5360 i&s bars & shapes	17	14	2	1	---	---	---	---
5370 i&s pipe & tube	2	1	1	0	---	---	---	---
5390 primary i&s nec	0	0	0	---	---	---	---	---
Subtotal primary non-ferrous metal products	64	2	55	7	---	---	---	---
5421 copper	2	0	0	1	---	---	---	---
5422 aluminum	1	---	1	---	---	---	---	---
5429 smelted prod. nec	0	0	0	0	---	---	---	---
5480 fab. metal products	62	2	54	5	---	---	---	---
Subtotal primary wood products	8	1	7	0	---	---	---	---
5540 primary wood prod.	8	1	7	0	---	---	---	---
Total food and farm products	2,058	70	699	62	22	1,206	---	1,206
Subtotal fish	13	6	3	3	---	---	---	---
6134 fish (not shellfish)	6	0	3	3	---	---	---	---
6136 shellfish	6	6	1	0	---	---	---	---
Subtotal grain	9	---	8	1	---	---	---	---
6241 wheat	0	---	0	0	---	---	---	---
6344 corn	0	---	0	0	---	---	---	---
6442 rice	7	---	7	0	---	---	---	---
6443 barley & rye	0	---	0	---	---	---	---	---
6445 oats	1	---	1	1	---	---	---	---
Subtotal oilseeds	0	0	0	0	---	---	---	---
6521 peanuts	0	0	0	0	---	---	---	---
6522 soybeans	0	---	0	---	---	---	---	---
6534 flaxseed	0	---	0	0	---	---	---	---
6590 oilseeds nec	0	---	0	0	---	---	---	---
Subtotal vegetable products	52	8	15	29	---	---	---	---
6653 vegetable oils	1	0	1	0	---	---	---	---
6654 vegetables & prod.	51	7	15	29	---	---	---	---
Subtotal processed grain and animal feed	46	1	42	4	---	---	---	---
6746 wheat flour	7	0	4	3	---	---	---	---
6747 grain mill products	4	0	3	1	---	---	---	---
6781 hay & fodder	0	---	0	0	---	---	---	---
6782 animal feed, prep.	35	---	34	0	---	---	---	---
Subtotal other agricultural products	1,938	56	630	25	22	1,206	---	1,206
6811 meat, fresh, frozen	40	0	35	5	---	---	---	---
6817 meat, prepared	4	1	2	2	---	---	---	---
6822 dairy products	20	0	13	7	---	---	---	---
6835 fish, prepared	2	0	1	1	---	---	---	---
6838 tallow, animal oils	0	---	0	0	---	---	---	---
6839 animals & prod. nec	6	0	5	0	---	---	---	---
6856 bananas & plantains	1	1	0	---	---	---	---	---
6857 fruit & nuts nec	58	38	20	1	---	---	---	---
6858 fruit juices	10	0	9	1	---	---	---	---
6861 sugar	1,206	---	1	0	---	1,206	---	1,206
6865 molasses	365	---	343	---	22	---	---	---
6871 coffee	0	0	0	0	---	---	---	---
6872 cocoa beans	0	0	0	---	---	---	---	---
6885 alcoholic beverages	21	8	12	0	0	---	---	---
6888 water & ice	2	0	2	0	---	---	---	---
6889 food products nec	182	4	171	7	---	---	---	---
6891 tobacco & products	5	3	2	0	---	---	---	---
6894 natural fibers nec	0	---	---	0	---	---	---	---
6899 farm products nec	16	0	15	0	---	---	---	---
Total all manufactured equipment, machinery and products	232	84	138	10	---	---	---	---
7110 machinery (not elec)	14	3	10	1	---	---	---	---
7120 electrical machinery	20	1	18	2	---	---	---	---

PALM BEACH HARBOR, FL
Freight Traffic, 2002 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Inbound*	Outbound*	Inbound*	Outbound*	Total	Coastwise	
							Receipts	Shipments
7210 vehicles & parts	17	1	15	1	—	—	—	—
7220 aircraft & parts	0	0	0	—	—	—	—	—
7230 ships & boats	3	1	2	0	—	—	—	—
7300 ordnance & access.	0	0	0	—	—	—	—	—
7400 manufac. wood prod.	8	4	3	0	—	—	—	—
7500 textile products	134	69	64	1	—	—	—	—
7600 rubber & plastic pr.	11	1	8	2	—	—	—	—
7900 manufac. prod. nec	25	3	18	4	—	—	—	—
Total unknown or not elsewhere classified	80	5	70	5	0	—	—	—
9900 unknown or nec	80	5	70	5	0	—	—	—

*Includes 17,145 tons of foreign inbound in-transits; Includes 97,295 tons of foreign outbound in-transits;
Includes 89,324 tons of Canadian inbound in-transits; Includes 49 tons of Canadian outbound in-transits.

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
1993	16,297	1996	18,897	1999	22,054	2002	21,280
1994	18,135	1997	19,925	2000	22,500		
1995	18,367	1998	21,782	2001	21,915		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Inbound*	Outbound*	Inbound*	Outbound*	Total	Coastwise	
							Receipts	Shipments
Total, all commodities	21,280	6,527	1,988	180	1	12,582	12,248	335
Total coal	88	88	0	—	—	—	—	—
1100 coal lignite	88	88	0	—	—	—	—	—
1200 coal coke	0	—	0	—	—	—	—	—
Total petroleum and petroleum products	15,689	2,996	128	153	—	12,412	12,224	188
Subtotal crude petroleum	152	—	—	—	—	152	—	152
2100 crude petroleum	152	—	—	—	—	152	—	152
Subtotal petroleum products	15,538	2,996	128	153	—	12,261	12,224	36
2211 gasoline	10,509	1,311	41	110	—	9,047	9,037	10
2221 kerosene	982	805	8	21	—	147	147	—
2330 distillate fuel oil	1,946	166	43	12	—	1,726	1,708	17
2340 residual fuel oil	1,813	684	22	—	—	1,107	1,099	8
2350 lube oil & greases	8	1	8	—	—	—	—	—
2410 petro. jelly & waxes	1	0	0	—	—	—	—	—
2429 naphtha & solvents	21	9	3	9	—	—	—	—
2430 asphalt, tar & pitch	126	—	0	—	—	126	125	1
2540 petroleum coke	21	20	1	—	—	—	—	—
2640 liquid natural gas	110	0	2	—	—	108	108	—
Total chemicals and related products	170	60	110	—	—	—	—	—
Subtotal fertilizers	3	1	2	—	—	—	—	—
3110 nitrogenous fert.	0	—	0	—	—	—	—	—
3120 phosphatic fert.	0	—	0	—	—	—	—	—
3130 potassic fert.	0	—	0	—	—	—	—	—
3190 fert. & mixes nec	3	1	2	—	—	—	—	—
Subtotal other chemicals and related products	167	59	108	—	—	—	—	—
3211 acyclic hydrocarbons	0	0	0	—	—	—	—	—
3212 benzene & toluene	0	—	0	—	—	—	—	—
3219 other hydrocarbons	2	1	1	—	—	—	—	—
3220 alcohols	4	1	3	—	—	—	—	—
3230 carboxylic acids	1	0	1	—	—	—	—	—
3240 nitrogen func. comp.	1	0	1	—	—	—	—	—
3250 organo - inorg. comp.	2	2	1	—	—	—	—	—
3260 organic comp. nec	4	0	3	—	—	—	—	—
3272 sulphuric acid	1	0	1	—	—	—	—	—
3273 ammonia	0	0	0	—	—	—	—	—
3274 sodium hydroxide	2	1	1	—	—	—	—	—
3275 inorg. elem., oxides, & halogen salts	19	8	11	—	—	—	—	—
3276 metallic salts	10	5	5	—	—	—	—	—

PORT EVERGLADES HARBOR, FL
Freight Traffic, 2002 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Inbound*	Outbound*	Inbound*	Outbound*	Total	Coastwise	
							Receipts	Shipments
3279 inorganic chem. nec	1	0	0	---	---	---	---	
3281 radioactive material	0	---	0	---	---	---	---	
3282 pigments & paints	14	2	12	---	---	---	---	
3283 coloring mat. nec	1	0	0	---	---	---	---	
3284 medicines	4	2	2	---	---	---	---	
3285 perfumes & cleansers	31	11	20	---	---	---	---	
3286 plastics	38	19	19	---	---	---	---	
3291 pesticides	8	3	4	---	---	---	---	
3292 starches, gluten, glue	4	1	3	---	---	---	---	
3293 explosives	2	0	2	---	---	---	---	
3297 chemical additives	2	0	2	---	---	---	---	
3298 wood & resin chem.	0	0	0	---	---	---	---	
3299 chem. products nec	18	2	16	---	---	---	---	
Total crude materials, inedible except fuels	531	448	66	18	---	---	---	
Subtotal forest products, wood and chips	94	50	27	18	---	---	---	
4110 rubber & gums	0	0	0	---	---	---	---	
4150 fuel wood	0	0	0	---	---	---	---	
4170 wood in the rough	21	20	1	---	---	---	---	
4189 lumber	72	29	25	18	---	---	---	
4190 forest products nec	0	0	0	---	---	---	---	
Subtotal pulp and waste paper	13	1	12	---	---	---	---	
4225 pulp & waste paper	13	1	12	---	---	---	---	
Subtotal soil, sand, gravel, rock and stone	104	95	9	---	---	---	---	
4310 building stone	4	3	1	---	---	---	---	
4322 limestone	0	0	0	---	---	---	---	
4323 gypsum	89	88	1	---	---	---	---	
4331 sand & gravel	10	3	7	---	---	---	---	
Subtotal iron ore and scrap	73	73	0	---	---	---	---	
4410 iron ore	56	56	---	---	---	---	---	
4420 iron & steel scrap	17	17	0	---	---	---	---	
Subtotal marine shells	1	1	0	---	---	---	---	
4515 marine shells	1	1	0	---	---	---	---	
Subtotal non-ferrous ores and scrap	11	6	5	---	---	---	---	
4650 aluminum ore	0	---	0	---	---	---	---	
4680 non-ferrous scrap	11	6	5	---	---	---	---	
Subtotal sulphur, clay and salt	5	1	4	---	---	---	---	
4741 sulphur, (dry)	0	0	---	---	---	---	---	
4782 clay & refrac. mat.	5	1	4	---	---	---	---	
Subtotal slag	126	126	---	---	---	---	---	
4860 slag	126	126	---	---	---	---	---	
Subtotal other non-metal. min.	104	96	8	---	---	---	---	
4900 non-metal. min. nec	104	96	8	---	---	---	---	
Total primary manufactured goods	2,249	1,894	347	1	---	6	1	
Subtotal paper products	97	16	74	1	---	6	1	
5110 newsprint	5	0	4	1	---	---	---	
5120 paper & paperboard	53	13	41	0	---	0	---	
5190 paper products nec	38	3	29	---	---	6	---	
Subtotal lime, cement and glass	1,788	1,715	73	---	---	1	6	
5210 lime	0	0	0	---	---	---	---	
5220 cement & concrete	1,628	1,620	8	---	---	---	---	
5240 glass & glass prod.	26	11	16	---	---	---	---	
5290 misc. mineral prod.	134	85	49	---	---	---	---	
Subtotal primary iron and steel products	102	81	21	---	---	---	---	
5312 pig iron	0	---	0	---	---	---	---	
5315 ferro alloys	0	0	0	---	---	---	---	
5320 i&s primary forms	3	0	3	---	---	---	---	
5330 i&s plates & sheets	15	8	7	---	---	---	---	
5360 i&s bars & shapes	75	71	4	---	---	---	---	
5370 i&s pipe & tube	7	1	6	---	---	---	---	
5390 primary i&s nec	2	1	1	---	---	---	---	
Subtotal primary non-ferrous metal products	208	43	164	---	---	---	---	
5421 copper	2	1	1	---	---	---	---	
5422 aluminum	5	4	2	---	---	---	---	
5429 smelted prod. nec	32	19	13	---	---	---	---	
5480 fab. metal products	169	20	149	---	---	---	---	
Subtotal primary wood products	53	39	14	---	---	---	---	
5540 primary wood prod.	53	39	14	---	---	---	---	
Total food and farm products	1,043	570	393	6	---	73	11	
Subtotal fish	32	29	4	0	---	---	---	
6134 fish (not shellfish)	8	6	2	0	---	---	---	
6136 shellfish	25	23	2	---	---	---	---	
Subtotal grain	4	1	4	---	---	---	---	
6241 wheat	1	---	1	---	---	---	---	
6344 corn	0	0	0	---	---	---	---	
6442 rice	3	0	2	---	---	---	---	
6445 oats	0	0	0	---	---	---	---	
6447 sorghum grains	0	0	0	---	---	---	---	

PORT EVERGLADES HARBOR, FL
 Freight Traffic, 2002 - continued
 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Inbound*	Outbound*	Inbound*	Outbound*	Total	Coastwise	
							Receipts	Shipments
Subtotal oilseeds	7	7	0	---	---	---	---	---
6521 peanuts	0	0	0	---	---	---	---	---
6590 oilseeds nec	7	7	---	---	---	---	---	---
Subtotal vegetable products	129	99	29	1	---	---	---	---
6653 vegetable oils	9	1	7	---	---	---	---	---
6654 vegetables & prod.	120	98	21	1	---	---	---	---
Subtotal processed grain and animal feed	41	8	30	---	---	4	---	4
6746 wheat flour	1	0	1	---	---	---	---	---
6747 grain mill products	18	7	11	---	---	---	---	---
6781 hay & fodder	0	---	0	---	---	---	---	---
6782 animal feed, prep.	22	1	17	---	---	4	---	4
Subtotal other agricultural products	829	427	327	6	---	70	11	59
6811 meat, fresh, frozen	31	6	25	0	---	---	---	---
6817 meat, prepared	2	1	1	0	---	---	---	---
6822 dairy products	19	11	8	---	---	---	---	---
6835 fish, prepared	5	5	0	---	---	---	---	---
6838 tallow, animal oils	18	0	18	---	---	---	---	---
6839 animals & prod. nec	19	10	3	6	---	---	---	---
6856 bananas & plantains	55	55	0	---	---	---	---	---
6857 fruit & nuts nec	181	155	26	---	---	---	---	---
6858 fruit juices	23	16	7	---	---	---	---	---
6861 sugar	6	1	5	---	---	---	---	---
6871 coffee	27	27	0	---	---	---	---	---
6872 cocoa beans	1	0	0	---	---	---	---	---
6885 alcoholic beverages	122	106	16	---	---	---	---	---
6887 groceries	8	---	---	---	---	8	---	8
6888 water & ice	5	2	4	---	---	---	---	---
6889 food products nec	283	17	205	0	---	61	11	51
6891 tobacco & products	9	8	1	---	---	---	---	---
6893 cotton	1	0	1	---	---	---	---	---
6894 natural fibers nec	0	0	0	---	---	---	---	---
6899 farm products nec	14	7	7	---	---	---	---	---
Total all manufactured equipment, machinery and products	1,181	419	668	2	1	90	12	78
7110 machinery (not elec)	78	14	63	0	0	1	---	1
7120 electrical machinery	117	13	101	0	---	2	---	2
7210 vehicles & parts	123	18	96	0	---	9	1	8
7220 aircraft & parts	0	0	0	---	---	---	---	---
7230 ships & boats	34	15	16	1	1	1	0	1
7300 ordnance & access.	1	0	0	---	---	---	---	---
7400 manufac. wood prod.	46	16	7	---	---	24	3	20
7500 textile products	559	270	288	0	---	---	---	---
7600 rubber & plastic pr.	52	17	35	0	---	---	---	---
7900 manufac. prod. nec	171	55	61	0	---	54	8	46
Total unknown or not elsewhere classified	329	52	276	1	0	---	---	---
9900 unknown or nec	329	52	276	1	0	---	---	---

*Includes 123,152 tons of foreign inbound in-transits; Includes 83,705 tons of foreign outbound in-transits;
 Includes 2,580 tons of Canadian inbound in-transits; Includes 164 tons of Canadian outbound in-transits.

MIAMI HARBOR, FL
Freight Traffic, 2002 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic				
		Inbound*	Outbound*	Inbound*	Total	Coastwise		Internal	
						Receipts	Shipments	Receipts	Shipments
6861 sugar	5	4	1	---	---	---	---	---	---
6871 coffee	154	121	33	---	---	---	---	---	---
6872 cocoa beans	5	3	2	---	---	---	---	---	---
6885 alcoholic beverages	242	223	19	---	---	---	---	---	---
6888 water & ice	44	42	2	---	---	---	---	---	---
6889 food products nec	311	73	238	---	---	---	---	---	---
6891 tobacco & products	16	12	4	---	---	---	---	---	---
6893 cotton	20	6	14	---	---	---	---	---	---
6894 natural fibers nec	1	1	1	---	---	---	---	---	---
6899 farm products nec	13	7	6	0	---	---	---	---	---
Total all manufactured equipment, machinery and products	2,232	1,073	1,159	0	---	---	---	---	---
7110 machinery (not elec)	220	68	151	---	---	---	---	---	---
7120 electrical machinery	315	108	206	---	---	---	---	---	---
7210 vehicles & parts	237	61	176	---	---	---	---	---	---
7220 aircraft & parts	2	1	1	---	---	---	---	---	---
7230 ships & boats	12	8	4	---	---	---	---	---	---
7300 ordnance & access.	1	0	0	---	---	---	---	---	---
7400 manufac. wood prod.	33	24	9	---	---	---	---	---	---
7500 textile products	805	407	398	---	---	---	---	---	---
7600 rubber & plastic pr.	160	89	72	---	---	---	---	---	---
7900 manufac. prod. nec	448	307	140	0	---	---	---	---	---
Total unknown or not elsewhere classified	570	181	388	0	0	---	0	---	---
9900 unknown or nec	570	181	388	0	0	---	0	---	---

*Includes 417,548 tons of foreign inbound in-transits; Includes 367,603 tons of foreign outbound in-transits; Includes 587 tons of Canadian inbound in-transits.

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
1993	739	1996	593	1999	344	2002	506
1994	615	1997	723	2000	709		
1995	884	1998	507	2001	537		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Foreign		Domestic			
		Inbound*	Outbound*	Total	Coastwise	Internal	
						Receipts	Inbound
						Upbound	Downbnd
Total, all commodities	506	72	428	6	2	3	1
Total coal	0	---	0	---	---	---	---
1100 coal lignite	0	---	0	---	---	---	---
1200 coal coke	0	---	0	---	---	---	---
Total petroleum and petroleum products	3	0	3	---	---	---	---
Subtotal crude petroleum	0	---	0	---	---	---	---
2100 crude petroleum	0	---	0	---	---	---	---
Subtotal petroleum products	3	0	3	---	---	---	---
2211 gasoline	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	1	---	1	---	---	---	---
2540 petroleum coke	0	---	0	---	---	---	---
2640 liquid natural gas	0	---	0	---	---	---	---
Total chemicals and related products	22	1	21	---	---	---	---
Subtotal fertilizers	1	---	1	---	---	---	---
3110 nitrogenous fert.	0	---	0	---	---	---	---
3130 potassic fert.	0	---	0	---	---	---	---
3190 fert. & mixes nec	1	---	1	---	---	---	---
Subtotal other chemicals and related products	21	1	20	---	---	---	---
3211 acyclic hydrocarbons	0	---	0	---	---	---	---
3212 benzene & toluene	0	---	0	---	---	---	---
3219 other hydrocarbons	0	---	0	---	---	---	---
3220 alcohols	0	---	0	---	---	---	---

MIAMI RIVER, FL (INCLUDED IN TRAFFIC OF MIAMI HARBOR, FL)
 Freight Traffic, 2002 - continued
 (thousand short tons)

Commodity	Grand Total	Foreign		Domestic			
		Inbound*	Outbound*	Total	Coastwise Receipts	Internal	
						Inbound Upbound	Outbound Downbnd
3230 carboxylic acids	0	—	0	—	—	—	—
3240 nitrogen func. comp.	0	—	0	—	—	—	—
3250 organo - inorg. comp.	0	—	0	—	—	—	—
3260 organic comp. nec	0	0	0	—	—	—	—
3272 sulphuric acid	1	—	1	—	—	—	—
3273 ammonia	0	0	0	—	—	—	—
3274 sodium hydroxide	0	—	0	—	—	—	—
3275 inorg. elem., oxides, & halogen salts	1	0	1	—	—	—	—
3276 metallic salts	1	—	1	—	—	—	—
3279 inorganic chem. nec	0	0	0	—	—	—	—
3282 pigments & paints	4	0	4	—	—	—	—
3283 coloring mat. nec	0	—	0	—	—	—	—
3284 medicines	0	0	0	—	—	—	—
3285 perfumes & cleansers	6	0	5	—	—	—	—
3286 plastics	3	0	3	—	—	—	—
3291 pesticides	0	—	0	—	—	—	—
3292 starches, gluten, glue	0	—	0	—	—	—	—
3293 explosives	0	—	0	—	—	—	—
3297 chemical additives	0	—	0	—	—	—	—
3299 chem. products nec	3	0	3	—	—	—	—
Total crude materials, inedible except fuels	13	3	10	—	—	—	—
Subtotal forest products, wood and chips	9	2	7	—	—	—	—
4110 rubber & gums	0	—	0	—	—	—	—
4150 fuel wood	0	—	0	—	—	—	—
4170 wood in the rough	0	—	0	—	—	—	—
4189 lumber	9	2	7	—	—	—	—
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	2	0	1	—	—	—	—
4310 building stone	0	—	0	—	—	—	—
4322 limestone	0	0	0	—	—	—	—
4323 gypsum	0	—	0	—	—	—	—
4331 sand & gravel	1	0	1	—	—	—	—
Subtotal iron ore and scrap	0	—	0	—	—	—	—
4420 iron & steel scrap	0	—	0	—	—	—	—
Subtotal marine shells	0	0	—	—	—	—	—
4515 marine shells	0	0	—	—	—	—	—
Subtotal non-ferrous ores and scrap	0	0	0	—	—	—	—
4680 non-ferrous scrap	0	0	—	—	—	—	—
4690 non-ferrous ores nec	0	—	0	—	—	—	—
Subtotal sulphur, clay and salt	1	0	1	—	—	—	—
4782 clay & refrac. mat.	1	0	1	—	—	—	—
Subtotal other non-metal. min.	1	—	1	—	—	—	—
4900 non-metal. min. nec	1	—	1	—	—	—	—
Total primary manufactured goods	55	1	48	6	2	3	1
Subtotal paper products	10	0	10	—	—	—	—
5110 newsprint	0	—	0	—	—	—	—
5120 paper & paperboard	3	0	3	—	—	—	—
5190 paper products nec	7	0	7	—	—	—	—
Subtotal lime, cement and glass	13	0	7	6	2	3	1
5210 lime	0	—	0	—	—	—	—
5220 cement & concrete	2	—	2	—	—	—	—
5240 glass & glass prod.	1	0	1	—	—	—	—
5290 misc. mineral prod.	10	0	4	6	2	3	1
Subtotal primary iron and steel products	6	0	6	—	—	—	—
5312 pig iron	0	—	0	—	—	—	—
5320 i&s primary forms	2	0	2	—	—	—	—
5330 i&s plates & sheets	2	—	2	—	—	—	—
5360 i&s bars & shapes	2	—	2	—	—	—	—
5370 i&s pipe & tube	1	—	1	—	—	—	—
5390 primary i&s nec	0	—	0	—	—	—	—
Subtotal primary non-ferrous metal products	22	1	22	—	—	—	—
5421 copper	1	—	1	—	—	—	—
5422 aluminum	0	—	0	—	—	—	—
5429 smelted prod. nec	0	0	0	—	—	—	—
5480 fab. metal products	21	0	21	—	—	—	—
Subtotal primary wood products	3	—	3	—	—	—	—
5540 primary wood prod.	3	—	3	—	—	—	—
Total food and farm products	131	8	123	—	—	—	—
Subtotal fish	4	4	0	—	—	—	—
6134 fish (not shellfish)	1	1	0	—	—	—	—
6136 shellfish	4	3	0	—	—	—	—
Subtotal grain	22	—	22	—	—	—	—
6241 wheat	0	—	0	—	—	—	—
6344 corn	0	—	0	—	—	—	—
6442 rice	22	—	22	—	—	—	—
Subtotal oilseeds	0	—	0	—	—	—	—
6521 peanuts	0	—	0	—	—	—	—
6590 oilseeds nec	0	—	0	—	—	—	—

MIAMI RIVER, FL (INCLUDED IN TRAFFIC OF MIAMI HARBOR, FL)
 Freight Traffic, 2002 - continued
 (thousand short tons)

Commodity	Grand Total	Foreign		Domestic			
		Inbound*	Outbound*	Total	Coastwise	Internal	
						Receipts	Inbound
					Upbound	Downbnd	
Subtotal vegetable products	29	1	28	---	---	---	---
6653 vegetable oils	11	---	11	---	---	---	---
6654 vegetables & prod.	18	1	17	---	---	---	---
Subtotal processed grain and animal feed	20	0	20	---	---	---	---
6746 wheat flour	13	---	13	---	---	---	---
6747 grain mill products	7	0	6	---	---	---	---
6781 hay & fodder	0	---	0	---	---	---	---
6782 animal feed, prep.	0	---	0	---	---	---	---
Subtotal other agricultural products	56	3	52	---	---	---	---
6811 meat, fresh, frozen	6	0	6	---	---	---	---
6817 meat, prepared	1	---	1	---	---	---	---
6822 dairy products	5	0	5	---	---	---	---
6835 fish, prepared	0	---	0	---	---	---	---
6838 tallow, animal oils	0	---	0	---	---	---	---
6839 animals & prod. nec	0	---	0	---	---	---	---
6856 bananas & plantains	0	---	0	---	---	---	---
6857 fruit & nuts nec	1	1	0	---	---	---	---
6858 fruit juices	4	2	3	---	---	---	---
6861 sugar	0	0	0	---	---	---	---
6871 coffee	0	0	0	---	---	---	---
6872 cocoa beans	0	0	---	---	---	---	---
6885 alcoholic beverages	2	0	2	---	---	---	---
6888 water & ice	0	---	0	---	---	---	---
6889 food products nec	33	1	32	---	---	---	---
6891 tobacco & products	1	0	1	---	---	---	---
6893 cotton	0	0	0	---	---	---	---
6894 natural fibers nec	0	---	0	---	---	---	---
6899 farm products nec	1	0	1	---	---	---	---
Total all manufactured equipment, machinery and products	238	55	183	---	---	---	---
7110 machinery (not elec)	13	1	12	---	---	---	---
7120 electrical machinery	21	2	18	---	---	---	---
7210 vehicles & parts	34	0	34	---	---	---	---
7220 aircraft & parts	0	0	0	---	---	---	---
7230 ships & boats	0	0	0	---	---	---	---
7300 ordnance & access.	0	0	0	---	---	---	---
7400 manufac. wood prod.	3	0	2	---	---	---	---
7500 textile products	131	46	85	---	---	---	---
7600 rubber & plastic pr.	8	1	7	---	---	---	---
7900 manufac. prod. nec	27	4	23	---	---	---	---
Total unknown or not elsewhere classified	45	5	40	---	---	---	---
9900 unknown or nec	45	5	40	---	---	---	---
Ton-miles (x1000)	1,505	216	1,284	6	2	3	1
Tons All Traffic (x1000)	506						
Ton-miles All Traffic (x1000)	1,505						
Total Trip-ton-miles Internal and Intraport (x1000)	1,412						

*Includes 351 tons of foreign inbound in-transits; Includes 6,831 tons of foreign outbound in-transits.

INTRACOASTAL WATERWAY, MIAMI TO KEY WEST, FL

Section Included: Turning Basin at Miami to Key West, 158 miles. Controlling Depth: 4 feet from Cape Florida to Cross Bank, 55.6 miles; thence to Key West, 5 feet via natural channel among the Keys (this section not constructed). Project Depth: 7 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1993	441	1996	267	1999	530	2002	393
1994	664	1997	317	2000	478		
1995	293	1998	544	2001	331		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Domestic
		Inbound
		Downbd
Total, all commodities	393	393
Total petroleum and petroleum products	393	393
Subtotal petroleum products	393	393
2340 residual fuel oil	393	393
Ton-miles (x1000)	9,444	9,444
Tons All Traffic (x1000)	393	
Ton-miles All Traffic (x1000)	9,444	
Total Trip-ton-miles Internal and Intraport (x1000)	11,017	

Other Harbors and Waterways 2002

Harbor or Waterway Project	Commodity	Thousand Short Tons
BAKERS HAULOVER INLET, FL	No Commerce Reported	
EAU GALLIE HARBOR, FL	No Commerce Reported	
FORT PIERCE HARBOR, FL	1100 coal lignite	0
	2211 gasoline	0
	2330 distillate fuel oil	0
	2350 lube oil & greases	0
	2429 naphtha & solvents	0
	3110 nitrogenous fert.	0
	3190 fert. & mixes nec	1
	3230 carboxylic acids	0
	3273 ammonia	0
	3275 inorg. elem., oxides, & halogen salts	0
	3276 metallic salts	0
	3284 medicines	0
	3285 perfumes & cleansers	0
	3286 plastics	0
	3291 pesticides	0
	3293 explosives	0
	3297 chemical additives	0
	3298 wood & resin chem.	0
	3299 chem. products nec	1
	4189 lumber	0
	4741 sulphur, (dry)	0
	5190 paper products nec	0
	5220 cement & concrete	0
	5290 misc. mineral prod.	0
	5320 i&s primary forms	0
	5360 i&s bars & shapes	0
	5370 i&s pipe & tube	0
	5429 smelted prod. nec	0
	5480 fab. metal products	0
	5540 primary wood prod.	0
	6344 corn	0
	6442 rice	0
	6654 vegetables & prod.	0
	6781 hay & fodder	0
	6782 animal feed, prep.	0
	6811 meat, fresh, frozen	0
	6857 fruit & nuts nec	33
	6858 fruit juices	5
	6888 water & ice	0
	6889 food products nec	0
	6891 tobacco & products	0
	6899 farm products nec	0
	7110 machinery (not elec)	0
	7120 electrical machinery	0
	7210 vehicles & parts	0
	7230 ships & boats	0
	7500 textile products	0
	7600 rubber & plastic pr.	0
	7900 manufac. prod. nec	1
	9900 unknown or nec	1
	Total Tons(x1000)	45
KEY WEST HARBOR, FL	2211 gasoline	62
	2330 distillate fuel oil	7
	Total Tons(x1000)	69
MELBOURNE HARBOR, FL	No Commerce Reported	
NEW RIVER, FL (INCLUDED IN TRAFFIC OF PORT EVERGLADES HARBOR, FL)	No Commerce Reported	

Other Harbors and Waterways 2002 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
OKLAWAHA RIVER, FL	No Commerce Reported	
PONCE DE LEON INLET, FL	No Commerce Reported	
RICE CREEK, FL	2340 residual fuel oil	131
	Total Tons(x1000)	131
	Total Ton-miles(x1000)	524
	Total Trip-ton-miles Internal and Intraport(x1000)	8,382
ST. AUGUSTINE HARBOR, FL	7110 machinery (not elec)	0
	Total Tons(x1000)	0
ST. LUCIE INLET, FL	No Commerce Reported	

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
1993	3,784	1996	4,275	1999	3,380	2002	1,860
1994	3,709	1997	3,590	2000	3,149		
1995	3,597	1998	3,803	2001	2,515		

Freight Traffic, 2002 (thousand short tons)

Commodity	Total	Coastwise		
		Shipments	Through Upbound	Downbnd
Total, all commodities	85	37	45	2
Total chemicals and related products	0	---	0	---
Subtotal other chemicals and related products	0	---	0	---
3299 chem. products nec	0	---	0	---
Total crude materials, inedible except fuels	2	2	---	---
Subtotal forest products, wood and chips	2	2	---	---
4189 lumber	2	2	---	---
Total primary manufactured goods	38	35	1	2
Subtotal paper products	0	0	---	---
5120 paper & paperboard	0	0	---	---
Subtotal primary iron and steel products	19	16	1	2
5360 i&s bars & shapes	17	14	1	1
5370 i&s pipe & tube	0	---	---	0
5390 primary i&s nec	2	2	---	---
Subtotal primary non-ferrous metal products	0	0	---	0
5480 fab. metal products	0	0	---	0
Subtotal primary wood products	19	19	---	---
5540 primary wood prod.	19	19	---	---
Total food and farm products	41	---	41	---
Subtotal vegetable products	10	---	10	---
6653 vegetable oils	10	---	10	---
Subtotal other agricultural products	31	---	31	---
6865 molasses	28	---	28	---
6887 groceries	3	---	3	---
Total all manufactured equipment, machinery and products	3	0	3	0
7110 machinery (not elec)	1	---	0	0
7210 vehicles & parts	0	---	0	---
7300 ordnance & access.	0	---	0	---
7400 manufac. wood prod.	1	---	1	---
7600 rubber & plastic pr.	0	0	---	---
7900 manufac. prod. nec	2	---	2	---
Ton-miles (x1000)	2,382	111	1,647	624
Coastwise				

Commodity	Total	Internal					
		Inbound		Outbound		Through	
		Upbound	Downbnd	Upbound	Upbound	Downbnd	Intra Upbound
Total, all commodities	1,775	126	394	16	725	511	1
Total coal	11	---	---	---	11	---	---
1100 coal lignite	11	---	---	---	11	---	---
Total petroleum and petroleum products	381	65	22	---	246	47	0
Subtotal petroleum products	381	65	22	---	246	47	0
2211 gasoline	44	18	22	---	1	3	0
2330 distillate fuel oil	0	---	---	---	0	0	0
2340 residual fuel oil	337	46	0	---	245	45	---
Total chemicals and related products	790	62	---	---	360	369	---
Subtotal fertilizers	366	---	---	---	80	286	---
3110 nitrogenous fert.	47	---	---	---	22	25	---
3120 phosphatic fert.	299	---	---	---	38	261	---
3190 fert. & mixes nec	20	---	---	---	20	---	---
Subtotal other chemicals and related products	424	62	---	---	280	83	---
3271 sulphur (liquid)	185	---	---	---	185	---	---
3272 sulphuric acid	95	---	---	---	95	---	---
3274 sodium hydroxide	62	62	---	---	---	---	---
3275 inorg. elem., oxides, & halogen salts	83	---	---	---	---	83	---

ATLANTIC INTRACOASTAL WATERWAY (CONSOLIDATED REPORT) BETWEEN NORFOLK, VA AND THE ST. JOHNS RIVER, FL
 Freight Traffic, 2002 - continued
 (thousand short tons)

Commodity	Total	Internal					
		Inbound		Outbound	Through		Intra
		Upbound	Downbnd	Upbound	Upbound	Downbnd	Upbound
Total crude materials, inedible except fuels	463	---	372	---	12	78	---
Subtotal forest products, wood and chips	10	---	---	---	10	---	---
4161 wood chips	10	---	---	---	10	---	---
Subtotal pulp and waste paper	76	---	---	---	---	76	---
4225 pulp & waste paper	76	---	---	---	---	76	---
Subtotal soil, sand, gravel, rock and stone	358	---	358	---	---	---	---
4331 sand & gravel	358	---	358	---	---	---	---
Subtotal sulphur, clay and salt	2	---	---	---	2	---	---
4782 clay & refrac. mat.	2	---	---	---	2	---	---
Subtotal slag	14	---	14	---	---	---	---
4860 slag	14	---	14	---	---	---	---
Subtotal other non-metal. min.	3	---	---	---	0	2	---
4900 non-metal. min. nec	3	---	---	---	0	2	---
Total primary manufactured goods	74	---	---	---	57	17	0
Subtotal paper products	2	---	---	---	2	---	---
5120 paper & paperboard	2	---	---	---	2	---	---
Subtotal lime, cement and glass	3	---	---	---	2	1	---
5290 misc. mineral prod.	3	---	---	---	2	1	---
Subtotal primary iron and steel products	13	---	---	---	---	13	---
5360 i&s bars & shapes	7	---	---	---	---	7	---
5390 primary i&s nec	6	---	---	---	---	6	---
Subtotal primary non-ferrous metal products	56	---	---	---	53	3	0
5480 fab. metal products	56	---	---	---	53	3	0
Total food and farm products	54	---	---	16	37	---	---
Subtotal fish	15	---	---	---	15	---	---
6134 fish (not shellfish)	15	---	---	---	15	---	---
Subtotal grain	12	---	---	9	3	---	---
6241 wheat	2	---	---	2	---	---	---
6344 corn	10	---	---	7	3	---	---
Subtotal oilseeds	27	---	---	8	20	---	---
6522 soybeans	27	---	---	8	20	---	---
Total all manufactured equipment, machinery and products	3	---	0	0	2	0	0
7110 machinery (not elec)	0	---	0	0	0	0	0
7210 vehicles & parts	0	---	---	---	---	---	0
7230 ships & boats	0	---	---	---	---	0	0
7300 ordnance & access.	2	---	---	---	2	---	---
7900 manufac. prod. nec	0	---	---	---	---	---	0
Total waste and scrap nec	0	---	---	---	---	---	0
8900 waste and scrap nec	0	---	---	---	---	---	0
Ton-miles (x1000)	124,816	6,218	4,076	1,493	77,664	35,363	1
Internal							
Tons All Traffic (x1000)	1,860						
Ton-miles All Traffic (x1000)	127,279						
Total Trip-ton-miles Internal and Intraport (x1000)	219,838						

Section 2

Trips and Drafts of Vessels

Trips and Drafts of Vessels, 2002
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels		
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	
PENOBSCOT RIVER, ME													
			Upbound						Downbound				
Grand Total	78	—	9	34	—	35	72	1	8	32	—	31	
FOREIGN													
Total	8	—	7	1	—	—	10	1	7	1	—	1	
27	4	—	4	—	—	—	1	1	—	—	—	—	
25	—	—	—	—	—	—	1	—	1	—	—	—	
24	2	—	2	—	—	—	3	—	3	—	—	—	
23	1	—	1	—	—	—	—	—	—	—	—	—	
22	—	—	—	—	—	—	1	—	1	—	—	—	
21	—	—	—	—	—	—	1	—	—	—	—	1	
20	—	—	—	—	—	—	1	—	1	—	—	—	
16	1	—	—	1	—	—	1	—	1	—	—	—	
15	—	—	—	—	—	—	1	—	—	1	—	—	
DOMESTIC													
Total	70	—	2	33	—	35	62	—	1	31	—	30	
26	2	—	1	—	—	1	—	—	—	—	—	—	
25	2	—	—	—	—	2	—	—	—	—	—	—	
24	3	—	—	—	—	3	—	—	—	—	—	—	
23	1	—	—	—	—	1	—	—	—	—	—	—	
22	2	—	—	—	—	2	—	—	—	—	—	—	
20	3	—	—	—	—	3	—	—	—	—	—	—	
19	1	—	—	—	—	1	—	—	—	—	—	—	
18	3	—	—	1	—	2	1	—	—	1	—	—	
17	3	—	—	—	—	3	—	—	—	—	—	—	
16	7	—	—	1	—	6	1	—	—	1	—	—	
15	5	—	1	—	—	4	2	—	1	1	—	—	
14	14	—	—	14	—	—	12	—	—	12	—	—	
13	8	—	—	7	—	1	7	—	—	7	—	—	
≤ 12	16	—	—	10	—	6	39	—	—	9	—	30	
											Total trips:	150	
SEARSPORT HARBOR, ME													
			Inbound						Outbound				
Grand Total	218	13	71	108	1	25	222	16	75	104	2	25	
FOREIGN													
Total	103	13	67	12	1	10	113	16	71	14	2	10	
35	1	—	1	—	—	—	1	—	1	—	—	—	
34	2	—	2	—	—	—	—	—	—	—	—	—	
33	1	1	—	—	—	—	—	—	—	—	—	—	
32	2	2	—	—	—	—	2	2	—	—	—	—	
31	1	—	1	—	—	—	—	—	—	—	—	—	
30	2	—	2	—	—	—	—	—	—	—	—	—	
29	1	—	1	—	—	—	1	—	1	—	—	—	
28	3	—	3	—	—	—	3	—	3	—	—	—	
27	13	1	12	—	—	—	6	1	5	—	—	—	
26	14	—	14	—	—	—	4	—	4	—	—	—	
25	9	—	8	—	—	1	6	—	5	—	—	1	
24	21	6	15	—	—	—	32	—	32	—	—	—	
23	5	1	2	—	—	2	10	—	8	—	—	2	
22	4	—	—	—	1	3	5	—	4	—	—	1	
21	3	—	1	—	—	2	1	—	1	—	—	—	
19	6	2	—	4	—	—	10	3	1	6	—	—	
≤ 18	15	—	5	8	—	2	32	10	6	8	2	6	
DOMESTIC													
Total	115	—	4	96	—	15	109	—	4	90	—	15	
32	—	—	—	—	—	—	1	—	1	—	—	—	
31	1	—	1	—	—	—	—	—	—	—	—	—	
29	—	—	—	—	—	—	1	—	1	—	—	—	
26	2	—	1	—	—	1	—	—	—	—	—	—	
25	1	—	—	—	—	—	—	—	—	—	—	—	
24	1	—	—	—	—	1	—	—	—	—	—	—	
22	2	—	1	—	—	1	1	—	1	—	—	—	
21	1	—	—	—	—	1	—	—	—	—	—	—	
20	4	—	1	—	—	3	1	—	1	—	—	—	
19	1	—	—	—	—	1	—	—	—	—	—	—	
≤ 18	102	—	—	96	—	6	105	—	—	90	—	15	
											Total trips:	440	

Trips and Drafts of Vessels, 2002
(draft in feet)

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

PORTLAND HARBOR, ME

Grand Total	Upbound						Downbound					
	18,629	17,185	384	775	8	277	18,604	17,190	382	755	9	268

FOREIGN

Total	597	194	362	34	1	6	584	197	363	19	2	3
47	1	1	—	—	—	—	—	—	—	—	—	—
45	74	19	55	—	—	—	1	—	1	—	—	—
44	35	6	29	—	—	—	1	—	1	—	—	—
43	28	3	25	—	—	—	—	—	—	—	—	—
42	31	1	30	—	—	—	—	—	—	—	—	—
41	21	1	20	—	—	—	—	—	—	—	—	—
40	13	1	12	—	—	—	—	—	—	—	—	—
39	9	—	9	—	—	—	—	—	—	—	—	—
38	2	—	2	—	—	—	—	—	—	—	—	—
37	10	—	10	—	—	—	—	—	—	—	—	—
36	23	1	22	—	—	—	—	—	—	—	—	—
35	54	6	48	—	—	—	—	—	—	—	—	—
34	22	1	21	—	—	—	2	1	1	—	—	—
33	9	3	6	—	—	—	4	2	2	—	—	—
32	5	—	5	—	—	—	6	3	3	—	—	—
31	5	1	4	—	—	—	2	—	2	—	—	—
30	5	1	4	—	—	—	9	5	4	—	—	—
29	8	6	2	—	—	—	18	4	14	—	—	—
28	11	7	4	—	—	—	38	5	33	—	—	—
27	18	14	4	—	—	—	208	39	169	—	—	—
26	23	16	7	—	—	—	34	12	22	—	—	—
25	28	16	12	—	—	—	37	16	21	—	—	—
24	29	4	25	—	—	—	42	10	32	—	—	—
23	3	—	2	—	—	1	20	2	18	—	—	—
22	10	7	3	—	—	—	13	6	7	—	—	—
21	7	7	—	—	—	—	14	7	7	—	—	—
20	10	10	—	—	—	—	12	11	1	—	—	—
19	1	—	—	—	—	1	13	7	5	—	—	1
≤ 18	102	62	1	34	1	4	110	67	20	19	2	2

DOMESTIC

Total	18,032	16,991	22	741	7	271	18,020	16,993	19	736	7	265
37	1	—	1	—	—	—	—	—	—	—	—	—
36	1	—	1	—	—	—	—	—	—	—	—	—
35	1	—	1	—	—	—	—	—	—	—	—	—
26	2	—	—	—	—	2	—	—	—	—	—	—
25	4	—	—	—	—	4	—	—	—	—	—	—
24	7	—	1	—	—	6	2	—	1	—	—	1
23	7	—	—	1	—	6	6	—	—	—	—	6
22	17	—	—	7	—	10	16	—	—	5	—	11
21	8	—	—	—	4	4	2	—	1	—	—	1
20	6	—	—	2	—	4	—	—	—	—	—	—
19	4	—	—	—	1	3	—	—	—	—	—	—
≤ 18	17,974	16,991	18	731	2	232	17,994	16,993	17	731	7	246
										Total trips:		37,233

PORTSMOUTH HARBOR, NH

Grand Total	Upbound						Downbound					
	1,668	610	105	895	11	47	1,652	608	98	893	10	43

FOREIGN

Total	182	60	105	8	1	8	172	58	97	7	—	10
36	8	1	7	—	—	—	—	—	—	—	—	—
35	25	11	14	—	—	—	2	1	1	—	—	—
34	42	25	17	—	—	—	—	—	—	—	—	—
33	12	3	9	—	—	—	2	1	1	—	—	—
32	12	5	7	—	—	—	2	—	2	—	—	—
31	4	2	2	—	—	—	1	—	1	—	—	—
30	6	3	3	—	—	—	2	1	1	—	—	—
29	3	1	2	—	—	—	8	2	6	—	—	—
28	8	1	7	—	—	—	12	1	11	—	—	—
27	7	—	7	—	—	—	17	10	7	—	—	—
26	3	—	2	—	1	—	14	7	7	—	—	—
25	9	1	8	—	—	—	13	4	9	—	—	—
24	17	2	14	—	—	1	35	11	24	—	—	—
23	3	1	1	—	—	1	10	3	7	—	—	—

Trips and Drafts of Vessels, 2002
(draft in feet)

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

PORTSMOUTH HARBOR, NH - continued

	Upbound						Downbound					
FOREIGN												
22	1	—	1	—	—	—	6	3	3	—	—	—
21	1	—	—	—	—	—	11	6	5	—	—	—
20	1	1	—	—	—	—	2	—	2	—	—	—
19	4	1	1	1	—	1	4	1	2	—	—	1
≤ 18	16	2	3	7	—	4	31	7	8	7	—	9
DOMESTIC												
Total	1,486	550	—	887	10	39	1,480	550	1	886	10	33
29	1	—	—	—	—	1	—	—	—	—	—	—
27	1	—	—	—	—	1	—	—	—	—	—	—
25	3	—	—	—	—	3	—	—	—	—	—	—
24	2	—	—	—	—	2	—	—	—	—	—	—
23	6	—	—	—	1	5	—	—	—	—	—	—
22	11	—	—	1	—	10	1	—	—	1	—	—
21	3	—	—	—	1	2	—	—	—	—	—	—
20	3	—	—	—	1	2	—	—	—	—	—	—
19	5	—	—	—	2	3	1	—	1	—	—	—
≤ 18	1,451	550	—	886	5	10	1,478	550	—	885	10	33
Total trips:											10	3,320

SALEM HARBOR, MA

	Inbound						Outbound					
Grand Total	22	14	—	2	—	6	19	13	—	1	—	5
FOREIGN												
Total	14	14	—	—	—	—	13	13	—	—	—	—
35	2	2	—	—	—	—	—	—	—	—	—	—
34	9	9	—	—	—	—	—	—	—	—	—	—
33	2	2	—	—	—	—	1	1	—	—	—	—
31	—	—	—	—	—	—	1	1	—	—	—	—
29	—	—	—	—	—	—	1	1	—	—	—	—
27	—	—	—	—	—	—	3	3	—	—	—	—
26	—	—	—	—	—	—	2	2	—	—	—	—
25	—	—	—	—	—	—	1	1	—	—	—	—
23	1	1	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	2	2	—	—	—	—
21	—	—	—	—	—	—	2	2	—	—	—	—
DOMESTIC												
Total	8	—	—	2	—	6	6	—	—	1	—	5
26	3	—	—	—	—	3	—	—	—	—	—	—
25	1	—	—	—	—	1	—	—	—	—	—	—
24	1	—	—	—	—	1	—	—	—	—	—	—
20	1	—	—	—	—	1	—	—	—	—	—	—
≤ 18	2	—	—	2	—	—	6	—	—	1	—	5
Total trips:											1	41

PORT OF BOSTON, MA

	Inbound						Outbound					
Grand Total	21,501	19,995	392	256	179	679	21,457	19,990	396	244	174	653
FOREIGN												
Total	845	455	371	10	3	6	851	450	375	13	3	10
42	10	10	—	—	—	—	—	—	—	—	—	—
41	9	9	—	—	—	—	2	2	—	—	—	—
40	12	11	1	—	—	—	7	7	—	—	—	—
39	9	9	—	—	—	—	10	10	—	—	—	—
38	18	12	6	—	—	—	14	13	1	—	—	—
37	13	6	7	—	—	—	12	10	2	—	—	—
36	101	9	92	—	—	—	28	22	6	—	—	—
35	89	11	78	—	—	—	39	24	15	—	—	—
34	77	26	51	—	—	—	49	18	31	—	—	—
33	37	8	29	—	—	—	35	14	21	—	—	—
32	52	15	37	—	—	—	27	12	15	—	—	—

Trips and Drafts of Vessels, 2002
(draft in feet)

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

PORT OF BOSTON, MA - continued

	Inbound						Outbound					
FOREIGN												
31	24	8	16	—	—	—	16	5	11	—	—	—
30	11	7	4	—	—	—	4	3	1	—	—	—
29	15	8	7	—	—	—	14	7	7	—	—	—
28	28	20	8	—	—	—	25	14	11	—	—	—
27	32	28	4	—	—	—	40	29	11	—	—	—
26	58	48	9	—	1	—	50	37	12	—	1	—
25	17	11	6	—	—	—	23	11	12	—	—	—
24	27	13	14	—	—	—	169	14	155	—	—	—
23	15	13	1	—	1	—	36	13	23	—	—	—
22	58	56	—	—	—	2	87	51	34	—	—	2
21	4	4	—	—	—	—	14	14	—	—	—	—
20	2	2	—	—	—	—	5	4	1	—	—	—
19	2	—	1	1	—	—	4	2	—	—	—	2
≤ 18	125	111	—	9	1	4	141	114	6	13	2	6

DOMESTIC

Total	20,656	19,540	21	246	176	673	20,606	19,540	21	231	171	643
36	1	—	1	—	—	—	—	—	—	—	—	—
35	1	—	1	—	—	—	—	—	—	—	—	—
34	1	—	1	—	—	—	—	—	—	—	—	—
30	4	—	—	—	—	4	—	—	—	—	—	—
29	8	—	—	—	—	8	1	—	1	—	—	—
28	—	—	—	—	—	—	1	—	1	—	—	—
27	7	—	—	—	6	1	—	—	—	—	—	—
26	15	—	—	—	3	12	—	—	—	—	—	—
25	12	—	—	—	1	11	1	—	—	—	—	1
24	27	—	—	—	—	27	2	—	2	—	—	—
23	25	—	—	—	—	25	1	—	—	—	—	1
22	36	—	—	4	2	30	2	—	—	1	1	—
21	15	—	—	—	4	11	1	—	—	—	1	—
20	14	—	—	2	1	11	1	—	—	1	—	—
19	10	—	—	—	3	7	—	—	—	—	—	—
≤ 18	20,480	19,540	18	240	156	526	20,596	19,540	17	229	169	641
										Total trips:	169	42,958

MAIN WATERFRONT (PORT OF BOSTON)

	Upbound						Downbound					
Grand Total	19,622	19,337	24	102	35	124	19,601	19,328	25	91	41	116

FOREIGN

Total	52	22	24	4	2	—	52	21	25	3	2	1
37	1	—	1	—	—	—	—	—	—	—	—	—
36	1	—	1	—	—	—	—	—	—	—	—	—
35	3	—	3	—	—	—	2	—	2	—	—	—
34	7	2	5	—	—	—	1	1	—	—	—	—
33	5	—	5	—	—	—	1	—	1	—	—	—
32	3	—	3	—	—	—	1	1	—	—	—	—
31	2	—	2	—	—	—	—	—	—	—	—	—
29	1	—	1	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	2	—	2	—	—	—
26	3	1	2	—	—	—	1	—	1	—	—	—
25	—	—	—	—	—	—	1	—	1	—	—	—
24	1	—	1	—	—	—	15	—	15	—	—	—
23	1	—	—	—	1	—	2	1	1	—	—	—
22	1	1	—	—	—	—	1	—	1	—	—	—
21	1	1	—	—	—	—	2	2	—	—	—	—
19	1	—	—	1	—	—	—	—	—	—	—	—
≤ 18	21	17	—	3	1	—	23	16	1	3	2	1

DOMESTIC

Total	19,570	19,315	—	98	33	124	19,549	19,307	—	88	39	115
≤ 18	19,570	19,315	—	98	33	124	19,549	19,307	—	88	39	115
										Total trips:	88	39,223

Trips and Drafts of Vessels, 2002
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
CHELSEA RIVER, MA												
	Upbound						Downbound					
Grand Total	547	12	151	103	—	281	518	10	154	91	—	263
FOREIGN												
Total	161	12	149	—	—	—	166	10	152	2	—	2
41	2	2	—	—	—	—	—	—	—	—	—	—
38	10	7	3	—	—	—	—	—	—	—	—	—
37	3	—	3	—	—	—	—	—	—	—	—	—
36	33	—	33	—	—	—	4	—	4	—	—	—
35	29	1	28	—	—	—	4	—	4	—	—	—
34	18	—	18	—	—	—	5	—	5	—	—	—
33	14	2	12	—	—	—	1	—	1	—	—	—
32	17	—	17	—	—	—	3	—	3	—	—	—
31	11	—	11	—	—	—	5	—	5	—	—	—
30	1	—	1	—	—	—	—	—	—	—	—	—
29	1	—	1	—	—	—	3	—	3	—	—	—
28	4	—	4	—	—	—	5	1	4	—	—	—
27	2	—	2	—	—	—	3	1	2	—	—	—
26	4	—	4	—	—	—	9	1	8	—	—	—
25	4	—	4	—	—	—	7	2	5	—	—	—
24	7	—	7	—	—	—	84	1	83	—	—	—
23	—	—	—	—	—	—	8	—	8	—	—	—
22	—	—	—	—	—	—	13	—	13	—	—	—
21	—	—	—	—	—	—	2	2	—	—	—	—
20	—	—	—	—	—	—	1	—	1	—	—	—
19	1	—	1	—	—	—	2	1	—	—	—	1
≤ 18	—	—	—	—	—	—	7	1	3	2	—	1
DOMESTIC												
Total	386	—	2	103	—	281	352	—	2	89	—	261
35	1	—	1	—	—	—	—	—	—	—	—	—
34	1	—	1	—	—	—	—	—	—	—	—	—
30	2	—	—	—	—	2	—	—	—	—	—	—
29	5	—	—	—	—	5	—	—	—	—	—	—
28	—	—	—	—	—	—	1	—	1	—	—	—
27	1	—	—	—	—	1	—	—	—	—	—	—
26	8	—	—	—	—	8	—	—	—	—	—	—
25	7	—	—	—	—	7	1	—	—	—	—	1
24	21	—	—	—	—	21	—	—	—	—	—	—
23	16	—	—	—	—	16	1	—	—	—	—	1
22	22	—	—	3	—	19	1	—	—	1	—	—
21	3	—	—	—	—	3	—	—	—	—	—	—
20	1	—	—	—	—	1	—	—	—	—	—	—
19	3	—	—	—	—	3	—	—	—	—	—	—
≤ 18	295	—	—	100	—	195	348	—	1	88	—	259
											Total trips:	1,065
MYSTIC RIVER, MA												
	Upbound						Downbound					
Grand Total	436	100	121	40	105	70	423	102	121	33	103	64
FOREIGN												
Total	231	100	118	6	1	6	236	102	118	8	1	7
40	1	—	1	—	—	—	—	—	—	—	—	—
38	3	—	3	—	—	—	3	3	—	—	—	—
37	4	1	3	—	—	—	3	1	2	—	—	—
36	39	—	39	—	—	—	4	3	1	—	—	—
35	29	—	29	—	—	—	7	2	5	—	—	—
34	21	—	21	—	—	—	29	3	26	—	—	—
33	4	—	4	—	—	—	19	2	17	—	—	—
32	11	1	10	—	—	—	7	—	7	—	—	—
31	—	—	—	—	—	—	5	1	4	—	—	—
30	3	2	1	—	—	—	4	3	1	—	—	—
29	3	3	—	—	—	—	2	2	—	—	—	—
28	14	13	1	—	—	—	10	7	3	—	—	—
27	16	14	2	—	—	—	18	13	5	—	—	—
26	25	22	2	—	1	—	18	15	2	—	1	—
25	11	11	—	—	—	—	11	9	2	—	—	—
24	14	13	1	—	—	—	37	13	24	—	—	—
23	12	11	1	—	—	—	18	10	8	—	—	—
22	7	5	—	—	—	2	16	3	11	—	—	2

Trips and Drafts of Vessels, 2002
(draft in feet)

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

MYSTIC RIVER, MA - continued

Upbound							Downbound					
FOREIGN												
21	3	3	—	—	—	—	8	8	—	—	—	—
20	—	—	—	—	—	—	2	2	—	—	—	—
19	—	—	—	—	—	—	2	1	—	—	—	1
≤ 18	11	1	—	6	—	4	13	1	—	8	—	4
DOMESTIC												
Total	205	—	3	34	104	64	187	—	3	25	102	57
36	1	—	1	—	—	—	—	—	—	—	—	—
29	3	—	—	—	—	3	1	—	1	—	—	—
27	6	—	—	—	6	—	—	—	—	—	—	—
26	5	—	—	—	3	2	—	—	—	—	—	—
25	5	—	—	—	1	4	—	—	—	—	—	—
24	4	—	—	—	—	4	—	—	—	—	—	—
23	7	—	—	—	—	7	—	—	—	—	—	—
22	13	—	—	1	2	10	1	—	—	—	1	—
21	9	—	—	—	4	5	1	—	—	—	1	—
20	7	—	—	2	1	4	1	—	—	1	—	—
19	5	—	—	—	3	2	—	—	—	—	—	—
≤ 18	140	—	2	31	84	23	183	—	2	24	100	57
Total trips:											859	

WEYMOUTH FORE RIVER, MA

Upbound							Downbound					
Grand Total	335	—	73	17	—	245	343	—	72	16	—	255
FOREIGN												
Total	72	—	72	—	—	—	71	—	71	—	—	—
38	—	—	—	—	—	—	1	—	1	—	—	—
36	19	—	19	—	—	—	1	—	1	—	—	—
35	16	—	16	—	—	—	4	—	4	—	—	—
34	7	—	7	—	—	—	—	—	—	—	—	—
33	8	—	8	—	—	—	2	—	2	—	—	—
32	6	—	6	—	—	—	3	—	3	—	—	—
31	3	—	3	—	—	—	2	—	2	—	—	—
30	1	—	1	—	—	—	—	—	—	—	—	—
29	4	—	4	—	—	—	4	—	4	—	—	—
28	1	—	1	—	—	—	2	—	2	—	—	—
27	—	—	—	—	—	—	1	—	1	—	—	—
26	—	—	—	—	—	—	1	—	1	—	—	—
25	2	—	2	—	—	—	4	—	4	—	—	—
24	5	—	5	—	—	—	30	—	30	—	—	—
23	—	—	—	—	—	—	6	—	6	—	—	—
22	—	—	—	—	—	—	9	—	9	—	—	—
≤ 18	—	—	—	—	—	—	1	—	1	—	—	—
DOMESTIC												
Total	263	—	1	17	—	245	272	—	1	16	—	255
30	2	—	—	—	—	2	—	—	—	—	—	—
28	1	—	1	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	1	—	1	—	—	—
23	2	—	—	—	—	2	—	—	—	—	—	—
21	2	—	—	—	—	2	—	—	—	—	—	—
20	2	—	—	—	—	2	—	—	—	—	—	—
≤ 18	254	—	—	17	—	237	271	—	—	16	—	255
Total trips:											678	

TOWN RIVER, MA

Upbound							Downbound					
Grand Total	51	1	12	12	—	26	43	1	12	12	—	18
FOREIGN												
Total	9	1	8	—	—	—	9	1	8	—	—	—
35	2	—	2	—	—	—	—	—	—	—	—	—
32	1	—	1	—	—	—	2	—	2	—	—	—

Trips and Drafts of Vessels, 2002
(draft in feet)

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

FALL RIVER HARBOR, MA - continued

Inbound							Outbound					
DOMESTIC												
22	2	—	—	—	—	2	—	—	—	—	—	—
21	7	—	—	—	7	—	—	—	—	—	—	—
19	1	—	—	—	1	—	50	49	—	—	—	1
≤ 18	240	—	—	233	—	7	251	—	—	228	10	13
											Total trips:	696

PROVIDENCE RIVER AND HARBOR, RI

Inbound							Outbound					
Grand Total	945	71	127	315	70	406	925	71	126	305	65	314
FOREIGN												
Total	147	68	72	3	—	4	143	68	72	2	—	1
38	2	—	2	—	—	—	1	1	—	—	—	—
37	2	—	2	—	—	—	—	—	—	—	—	—
36	4	1	3	—	—	—	1	1	—	—	—	—
35	8	6	2	—	—	—	3	3	—	—	—	—
34	14	5	9	—	—	—	4	4	—	—	—	—
33	8	4	4	—	—	—	3	2	1	—	—	—
32	9	3	6	—	—	—	—	—	—	—	—	—
31	4	1	3	—	—	—	—	—	—	—	—	—
30	15	12	3	—	—	—	2	2	—	—	—	—
29	13	9	4	—	—	—	4	—	4	—	—	—
28	13	2	11	—	—	—	10	3	7	—	—	—
27	9	4	5	—	—	—	6	—	6	—	—	—
26	10	3	7	—	—	—	8	3	5	—	—	—
25	10	3	6	—	—	1	8	2	6	—	—	—
24	5	3	2	—	—	—	42	24	18	—	—	—
23	3	1	2	—	—	—	11	—	11	—	—	—
22	4	3	—	—	—	—	12	7	5	—	—	—
21	1	1	—	—	—	—	13	9	4	—	—	—
20	5	5	—	—	—	—	1	—	1	—	—	—
19	2	1	—	—	—	—	5	5	—	—	—	—
≤ 18	6	1	1	3	—	1	9	2	4	2	—	1
DOMESTIC												
Total	798	3	55	312	70	402	782	3	54	303	65	313
42	2	—	2	—	—	—	1	—	1	—	—	—
37	1	—	1	—	—	—	—	—	—	—	—	—
36	1	—	1	—	—	—	—	—	—	—	—	—
35	2	—	2	—	—	—	—	—	—	—	—	—
34	3	—	3	—	—	—	—	—	—	—	—	—
32	2	—	1	—	—	1	1	—	1	—	—	—
30	23	—	—	—	—	23	1	—	1	—	—	—
29	11	—	—	—	—	11	1	—	1	—	—	—
28	4	—	—	—	—	4	—	—	—	—	—	—
27	7	—	2	—	—	5	—	—	—	—	—	—
26	7	—	—	—	—	7	—	—	—	—	—	—
25	32	—	—	—	—	32	5	—	—	—	—	5
24	34	—	—	—	—	34	3	—	—	—	—	3
23	33	—	1	—	—	32	3	—	2	—	—	1
22	86	—	3	28	—	55	15	—	3	12	—	—
21	37	—	—	1	—	36	1	—	1	—	—	—
20	24	—	—	7	—	17	8	—	—	—	6	2
19	19	—	—	—	—	19	2	—	—	—	1	1
≤ 18	470	3	39	276	70	82	741	3	44	291	58	345
											Total trips:	1,870

NEW LONDON HARBOR, CT

Upbound					Downbound							
Grand Total	5,485	5,256	3	85	77	64	5,438	5,236	2	72	77	51
FOREIGN												
Total	18	17	1	—	—	—	7	6	1	—	—	—
36	1	—	1	—	—	—	—	—	—	—	—	—
30	1	1	—	—	—	—	—	—	—	—	—	—

Trips and Drafts of Vessels, 2002
(draft in feet)

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

NEW LONDON HARBOR, CT - continued

Upbound

Downbound

FOREIGN

29	—	—	—	—	—	—	2	2	—	—	—	—
28	2	2	—	—	—	—	—	—	—	—	—	—
27	3	3	—	—	—	—	—	—	—	—	—	—
25	2	2	—	—	—	—	—	—	—	—	—	—
24	3	3	—	—	—	—	1	—	1	—	—	—
23	1	1	—	—	—	—	1	1	—	—	—	—
22	3	3	—	—	—	—	—	—	—	—	—	—
21	2	2	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	1	1	—	—	—	—
19	—	—	—	—	—	—	1	1	—	—	—	—
≤ 18	—	—	—	—	—	—	1	1	—	—	—	—

DOMESTIC

Total	5,467	5,239	2	85	77	64	5,431	5,230	1	72	77	51
26	2	—	—	—	—	2	—	—	—	—	—	—
25	4	—	—	—	—	4	—	—	—	—	—	—
24	1	—	—	—	—	1	—	—	—	—	—	—
23	6	—	—	—	1	5	—	—	—	—	—	—
22	13	—	—	—	13	—	—	—	—	—	—	—
21	36	—	—	—	28	8	2	—	—	—	—	2
20	7	—	—	—	6	1	—	—	—	—	—	—
19	4	—	—	—	1	3	—	—	—	—	—	—
≤ 18	5,394	5,239	2	85	28	40	5,429	5,230	1	72	77	49
										Total trips:		10,923

THAMES RIVER, CT

Upbound

Downbound

Grand Total	163	—	2	74	54	33	143	—	1	64	55	23
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DOMESTIC

Total	163	—	2	74	54	33	143	—	1	64	55	23
23	2	—	—	—	2	—	—	—	—	—	—	—
22	12	—	—	—	12	—	—	—	—	—	—	—
21	36	—	—	—	28	8	2	—	—	—	—	2
20	6	—	—	—	6	—	—	—	—	—	—	—
19	1	—	—	—	1	—	—	—	—	—	—	—
18	4	—	—	4	—	—	1	—	—	1	—	—
17	52	—	—	51	—	1	47	—	—	47	—	—
16	10	—	—	3	—	7	55	—	—	4	50	1
15	6	—	—	3	—	3	3	—	—	2	—	1
14	1	—	—	—	—	1	—	—	—	—	—	—
13	3	—	—	—	—	3	—	—	—	—	—	—
≤ 12	30	—	2	13	5	10	35	—	1	10	5	19
										Total trips:		306

NEW HAVEN HARBOR, CT

Inbound

Outbound

Grand Total	1,976	341	198	843	187	407	1,983	342	195	845	194	407
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FOREIGN

Total	239	123	116	—	—	—	243	122	117	2	1	1
38	3	2	1	—	—	—	—	—	—	—	—	—
36	44	4	40	—	—	—	1	1	—	—	—	—
35	34	5	29	—	—	—	1	—	1	—	—	—
34	12	4	8	—	—	—	—	—	—	—	—	—
33	16	7	9	—	—	—	2	2	—	—	—	—
32	15	10	5	—	—	—	2	1	1	—	—	—
31	12	8	4	—	—	—	7	4	3	—	—	—
30	13	10	3	—	—	—	12	11	1	—	—	—
29	16	12	4	—	—	—	13	9	4	—	—	—
28	11	8	3	—	—	—	22	12	10	—	—	—
27	13	10	3	—	—	—	36	14	22	—	—	—
26	16	11	5	—	—	—	20	6	14	—	—	—
25	10	9	1	—	—	—	30	12	18	—	—	—
24	4	3	1	—	—	—	23	5	18	—	—	—

Trips and Drafts of Vessels, 2002
(draft in feet)

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

BRIDGEPORT HARBOR, CT - continued

	Inbound						Outbound					
DOMESTIC												
19	34	—	—	—	20	14	1	—	—	—	—	1
≤ 18	13,453	12,293	2	601	437	120	13,496	12,281	2	577	439	197
										Total trips:		27,376

NORWALK HARBOR, CT

	Inbound						Outbound					
Grand Total	485	—	2	290	175	18	451	—	2	262	169	18
DOMESTIC												
Total	485	—	2	290	175	18	451	—	2	262	169	18
16	2	—	—	—	—	2	—	—	—	—	—	—
15	9	—	—	—	—	9	1	—	—	—	—	1
14	3	—	—	1	—	2	—	—	—	—	—	—
12	110	—	1	108	1	—	109	—	—	109	—	—
11	36	—	—	—	36	—	3	—	—	—	3	—
10	199	—	—	84	115	—	71	—	—	58	13	—
9	39	—	—	17	22	—	15	—	—	15	—	—
8	50	—	—	50	—	—	50	—	—	50	—	—
7	21	—	1	20	—	—	22	—	2	20	—	—
≤ 6	16	—	—	10	1	5	180	—	—	10	153	17
										Total trips:		936

STAMFORD HARBOR, CT

	Inbound						Outbound					
Grand Total	1,348	—	35	598	687	28	1,344	3	34	603	678	26
DOMESTIC												
Total	1,348	—	35	598	687	28	1,344	3	34	603	678	26
16	1	—	1	—	—	—	—	—	—	—	—	—
15	19	—	19	—	—	—	1	—	—	—	—	1
14	12	—	12	—	—	—	—	—	—	—	—	—
13	17	—	—	—	—	17	—	—	—	—	—	—
≤ 12	1,299	—	3	598	687	11	1,343	3	34	603	678	25
										Total trips:		2,692

ANDREWS RIVER, MA
No Vessel Trips Reported

ANNISQUAM RIVER, MA
No Vessel Trips Reported

APPONAUG COVE, RI
No Vessel Trips Reported

BAR HARBOR, ME
(30 feet and less)

	Inbound						Outbound					
Grand Total	86	80	—	6	—	—	84	79	—	5	—	—
										Total trips:		170

Trips and Drafts of Vessels, 2002
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
BASS HARBOR, ME (10 feet and less)												
				Inbound							Outbound	
Grand Total	2,088	2,088	---	---	---	---	2,088	2,088	---	---	---	---
										Total trips:	---	4,176
BEALS HARBOR, ME No Vessel Trips Reported												
BELFAST HARBOR, ME (14 feet and less)												
				Inbound							Outbound	
Grand Total	102	---	---	102	---	---	110	---	---	---	110	---
										Total trips:	---	212
BEVERLY HARBOR, MA No Vessel Trips Reported												
BOOTHBAY HARBOR, ME (13 feet and less)												
				Inbound							Outbound	
Grand Total	1,806	1,806	---	---	---	---	1,806	1,806	---	---	---	---
										Total trips:	---	3,612
BRANFORD HARBOR, CT No Vessel Trips Reported												
BRISTOL HARBOR, RI No Vessel Trips Reported												
BUCKSPORT HARBOR, ME (32 feet and less)												
				Inbound							Outbound	
Grand Total	44	---	2	28	---	14	38	---	1	---	26	---
										Total trips:	---	82
BUNKER HARBOR, ME No Vessel Trips Reported												
CAMDEN HARBOR, ME No Vessel Trips Reported												
CANAPITSIT CHANNEL, MA (5 feet and less)												
				Upbound							Downbound	
Grand Total	4	---	---	1	1	2	2	---	---	---	1	1
										Total trips:	---	6
CAPE PORPOISE HARBOR, ME No Vessel Trips Reported												
CARVERS HARBOR, ME (10 feet and less)												
				Inbound							Outbound	
Grand Total	2,294	2,294	---	---	---	---	2,294	2,294	---	---	---	---
										Total trips:	---	4,588
CHATHAM (STAGE) HARBOR, MA No Vessel Trips Reported												

Trips and Drafts of Vessels, 2002
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels		
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	
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 (15 feet and less)													
				Upbound							Downbound		
Grand Total	17,262	6,874	---	5,195	5,179	14	17,255	6,874	---	5,189	5,179	13	
										Total trips:		34,517	
COREA HARBOR, ME No Vessel Trips Reported													
CRIEHAVEN HARBOR, ME No Vessel Trips Reported													
CROSS RIP SHOALS, NANTUCKET SOUND, MA (14 feet and less)													
				Upbound							Downbound		
Grand Total	811	718	11	43	39	---	819	718	11	38	52	---	
										Total trips:		1,630	
CUTTYHUNK HARBOR, MA (8 feet and less)													
				Inbound							Outbound		
Grand Total	16	---	---	8	1	7	15	---	---	7	1	7	
										Total trips:		31	
DAMARISCOTTA RIVER, ME No Vessel Trips Reported													
DORCHESTER BAY, MA No Vessel Trips Reported													
DUXBURY HARBOR, MA No Vessel Trips Reported													
EDGARTOWN HARBOR, MA (4 feet and less)													
				Inbound							Outbound		
Grand Total	62,818	62,818	---	---	---	---	62,819	62,819	---	---	---	---	
										Total trips:		125,637	
ESSEX RIVER, MA No Vessel Trips Reported													
FALMOUTH HARBOR, MA (8 feet and less)													
				Inbound							Outbound		
Grand Total	785	785	---	---	---	---	785	785	---	---	---	---	
										Total trips:		1,570	
FIVEMILE RIVER HARBOR, CT No Vessel Trips Reported													

Trips and Drafts of Vessels, 2002
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
FORT POINT CHANNEL, MA No Vessel Trips Reported												
GLOUCESTER HARBOR, MA (23 feet and less)												
				Inbound							Outbound	
Grand Total	293	1	291	—	—	1	293	1	290	1	—	1
										Total trips:	—	586
GREAT SALT POND, BLOCK ISLAND, RI (10 feet and less)												
				Inbound							Outbound	
Grand Total	2,202	2,202	—	—	—	—	2,202	2,202	—	—	—	—
										Total trips:	—	4,404
GREEN HARBOR, MA No Vessel Trips Reported												
GREENWICH BAY, RI No Vessel Trips Reported												
GREENWICH HARBOR, CT (13 feet and less)												
				Inbound							Outbound	
Grand Total	1,598	1,597	—	1	—	—	1,640	1,639	—	1	—	—
										Total trips:	—	3,238
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 No Vessel Trips Reported												
HARBOR OF REFUGE, NANTUCKET, MA (14 feet and less)												
				Inbound							Outbound	
Grand Total	10,954	10,853	11	38	52	—	10,946	10,853	11	43	39	—
										Total trips:	—	21,900
HARBOR OF REFUGE, POINT JUDITH AND POINT JUDITH POND, RI (10 feet and less)												
				Inbound							Outbound	
Grand Total	1,881	1,878	—	3	—	—	1,882	1,878	—	4	—	—
										Total trips:	—	3,763
HARRASEEKET RIVER, ME No Vessel Trips Reported												

Trips and Drafts of Vessels, 2002
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
HAY (WEST) HARBOR, NY (8 feet and less)												
				Inbound							Outbound	
Grand Total	150	150	---	---	---	---	150	150	---	---	---	---
										Total trips:	---	300
HENDRICKS HARBOR, ME No Vessel Trips Reported												
HINGHAM HARBOR, MA No Vessel Trips Reported												
HOUSATONIC RIVER, CT (13 feet and less)												
				Upbound							Downbound	
Grand Total	9	---	---	4	3	2	9	---	---	4	3	2
										Total trips:	---	18
HYANNIS HARBOR, MA (11 feet and less)												
				Inbound							Outbound	
Grand Total	13,229	13,229	---	---	---	---	13,229	13,229	---	---	---	---
										Total trips:	---	26,458
IPSWICH RIVER, MA No Vessel Trips Reported												
ISLE AU HAUT THOROUGHFARE, ME (6 feet and less)												
				Upbound							Downbound	
Grand Total	873	873	---	---	---	---	873	873	---	---	---	---
										Total trips:	---	1,746
ISLE OF SHOALS HARBOR, ME AND NH No Vessel Trips Reported												
JOSIAS RIVER, ME No Vessel Trips Reported												
KENNEBEC RIVER, ME No Vessel Trips Reported												
KENNEBUNK RIVER, ME No Vessel Trips Reported												
LAGOON POND, MARTHA'S VINEYARD, MA No Vessel Trips Reported												
LUBEC CHANNEL, ME No Vessel Trips Reported												
LYNN HARBOR, MA No Vessel Trips Reported												
MACHIAS RIVER, ME No Vessel Trips Reported												
MALDEN RIVER, MA No Vessel Trips Reported												

Trips and Drafts of Vessels, 2002
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
MANCHESTER HARBOR, MA No Vessel Trips Reported												
MARBLEHEAD HARBOR, MA No Vessel Trips Reported												
MATINICUS HARBOR, ME (9 feet and less)												
				Inbound							Outbound	
Grand Total	22	22	---	---	---	---	22	22	---	---	---	---
										Total trips:	---	44
MATTAPOISETT HARBOR, MA No Vessel Trips Reported												
MENEMSHA CREEK, MARTHA'S VINEYARD, MA No Vessel Trips Reported												
MILFORD HARBOR, CT (12 feet and less)												
				Inbound							Outbound	
Grand Total	2	---	---	1	---	1	2	---	---	1	---	1
										Total trips:	---	4
MOOSABEC BAR, ME No Vessel Trips Reported												
MYSTIC RIVER, CT (6 feet and less)												
				Upbound							Downbound	
Grand Total	1,000	1,000	---	---	---	---	1,000	1,000	---	---	---	---
										Total trips:	---	2,000
NARRAGUAGUS RIVER, ME No Vessel Trips Reported												
NEPONSET RIVER, MA No Vessel Trips Reported												
NEW HARBOR, ME No Vessel Trips Reported												
NEWBURYPORT HARBOR, MA No Vessel Trips Reported												
NEWPORT HARBOR, RI (28 feet and less)												
				Upbound							Downbound	
Grand Total	171	146	---	16	---	9	168	146	---	17	---	5
										Total trips:	---	339
NIANTIC BAY AND HARBOR, CT No Vessel Trips Reported												

Trips and Drafts of Vessels, 2002
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
NORTHEAST HARBOR, ME (6 feet and less)												
				Inbound							Outbound	
Grand Total	2,098	1,014	---	542	542	---	2,098	1,014	---	542	542	---
										Total trips:	4,196	
OWLS HEAD HARBOR, ME (13 feet and less)												
				Inbound							Outbound	
Grand Total	---	---	---	---	---	---	1	---	---	1	---	---
										Total trips:	1	
PATCHOGUE RIVER, CT No Vessel Trips Reported												
PAWCATUCK RIVER, RI AND CT No Vessel Trips Reported												
PLEASANT RIVER, ME No Vessel Trips Reported												
PLYMOUTH HARBOR, MA (29 feet and less)												
				Upbound							Downbound	
Grand Total	17	17	---	---	---	---	17	17	---	---	---	---
										Total trips:	34	
POLLACK RIP SHOALS, NANTUCKET SOUND, MA No Vessel Trips Reported												
PROVINCETOWN HARBOR, MA (7 feet and less)												
				Inbound							Outbound	
Grand Total	1	---	---	1	---	---	1	---	---	1	---	---
										Total trips:	2	
RED BROOK HARBOR, BOURNE, MA No Vessel Trips Reported												
RESERVED CHANNEL (INCLUDED IN PORT OF BOSTON) (42 feet and less)												
				Upbound							Downbound	
Grand Total	610	511	---	34	29	36	595	507	1	30	22	35
										Total trips:	1,205	
ROCKLAND HARBOR, ME (15 feet and less)												
				Inbound							Outbound	
Grand Total	3,251	3,199	---	28	24	---	3,263	3,200	---	33	29	1
										Total trips:	6,514	
ROCKPORT HARBOR, MA No Vessel Trips Reported												
ROCKPORT HARBOR, ME No Vessel Trips Reported												

Trips and Drafts of Vessels, 2002
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
ROYAL RIVER, ME (7 feet and less)												
				Upbound						Downbound		
Grand Total	16	—	—	8	8	—	12	—	—	6	6	—
										Total trips:		28
RYE HARBOR, NH No Vessel Trips Reported												
SACO RIVER, ME No Vessel Trips Reported												
SAKONNET RIVER AND HARBOR, RI No Vessel Trips Reported												
SCARBORO RIVER, ME No Vessel Trips Reported												
SCITUATE HARBOR, MA No Vessel Trips Reported												
SEEKONK RIVER, RI (12 feet and less)												
				Upbound						Downbound		
Grand Total	—	—	—	—	—	—	1	—	—	1	—	—
										Total trips:		1
SOUTH BRISTOL HARBOR, ME No Vessel Trips Reported												
SOUTHWEST HARBOR, ME No Vessel Trips Reported												
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 (14 feet and less)												
				Inbound						Outbound		
Grand Total	874	873	—	1	—	—	874	873	—	1	—	—
										Total trips:		1,748
STONY CREEK, CT No Vessel Trips Reported												
TAUNTON RIVER, MA No Vessel Trips Reported												
TENANTS HARBOR, ME No Vessel Trips Reported												

Trips and Drafts of Vessels, 2002
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
THOMASTON HARBOR (GEORGES RIVER), ME No Vessel Trips Reported												
VINEYARD HAVEN HARBOR, MA (12 feet and less)												
				Inbound						Outbound		
Grand Total	14,831	14,381	---	207	156	87	14,801	14,381	---	186	129	105
										Total trips:		29,632
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 (7 feet and less)												
				Inbound						Outbound		
Grand Total	---	---	---	---	---	---	1	---	---	1	---	---
										Total trips:		1
WESTPORT HARBOR AND SAUGATUCK RIVER, CT (12 feet and less)												
				Inbound						Outbound		
Grand Total	83	---	---	83	---	---	84	---	---	84	---	---
										Total trips:		167
WESTPORT RIVER, MA (7 feet and less)												
				Upbound						Downbound		
Grand Total	6	---	---	3	3	---	8	---	---	4	4	---
										Total trips:		14
WEYMOUTH BACK RIVER, MA (8 feet and less)												
				Upbound						Downbound		
Grand Total	1,724	1,724	---	---	---	---	1,724	1,724	---	---	---	---
										Total trips:		3,448
WICKFORD HARBOR, RI (14 feet and less)												
				Inbound						Outbound		
Grand Total	7	---	---	7	---	---	7	---	---	7	---	---
										Total trips:		14
WINTHROP HARBOR, MA No Vessel Trips Reported												
WOOD ISLAND HARBOR, ME AND THE POOL AT BIDDEFORD No Vessel Trips Reported												
WOODS HOLE CHANNEL, MA (13 feet and less)												
				Upbound						Downbound		
Grand Total	16,272	15,785	---	224	161	102	16,312	15,785	---	240	201	86
										Total trips:		32,584
YORK HARBOR, ME No Vessel Trips Reported												

Trips and Drafts of Vessels, 2002
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
EASTPORT HARBOR, ME (35 feet and less)												
			Inbound						Outbound			
Grand Total	248	56	---	192	---	---	248	56	---	192	---	---
										Total trips:		496
ISLAND END RIVER, MA (16 feet and less)												
			Upbound						Downbound			
Grand Total	60	38	---	6	10	6	54	38	---	5	9	2
										Total trips:		114

Trips and Drafts of Vessels, 2002
(draft in feet)

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

EAST CHESTER CREEK, NY

			Upbound						Downbound				
Grand Total	1,482	---	332	533	511	106	1,474	---	331	531	511	101	

DOMESTIC

Total	1,482	---	332	533	511	106	1,474	---	331	531	511	101
13	9	---	---	---	---	9	---	---	---	---	---	---
12	311	---	311	---	---	---	1	---	1	---	---	---
11	54	---	13	3	38	---	31	---	---	2	29	---
10	266	---	6	38	127	95	104	---	---	37	67	---
9	243	---	1	102	139	1	98	---	7	90	1	---
8	198	---	1	175	22	---	530	---	291	187	52	---
7	192	---	---	157	34	1	183	---	26	154	3	---
≤ 6	209	---	---	58	151	---	527	---	6	61	359	101
										Total trips:		2,956

FLUSHING BAY AND CREEK, NY

			Upbound						Downbound				
Grand Total	2,365	75	57	1,119	1,099	15	2,308	75	56	1,073	1,089	15	

DOMESTIC

Total	2,365	75	57	1,119	1,099	15	2,308	75	56	1,073	1,089	15
18	17	---	---	---	17	---	---	---	---	---	---	---
17	57	---	---	---	57	---	---	---	---	---	---	---
15	19	---	1	18	---	---	17	---	---	17	---	---
14	38	---	1	37	---	---	35	---	---	35	---	---
13	2	---	---	---	---	2	1	---	---	1	---	---
12	60	---	3	---	57	---	3	---	---	---	3	---
11	393	---	43	2	341	7	22	---	---	2	20	---
10	500	---	9	111	378	2	105	---	4	81	20	---
9	367	---	---	149	217	1	136	---	---	132	4	---
8	402	---	---	388	14	---	392	---	4	388	---	---
7	277	---	---	267	10	---	302	---	28	272	2	---
≤ 6	233	75	---	147	8	3	1,295	75	20	145	1,040	15
										Total trips:		4,673

HUDSON RIVER, NY (LOWER SECTION)*

			Upbound						Downbound				
Grand Total	65	3	---	36	20	6	63	4	---	35	20	4	

FOREIGN

Total	3	3	---	---	---	---	4	4	---	---	---	---
23	1	1	---	---	---	---	---	---	---	---	---	---
22	2	2	---	---	---	---	---	---	---	---	---	---
≤ 18	---	---	---	---	---	---	4	4	---	---	---	---

DOMESTIC

Total	62	---	---	36	20	6	59	---	---	35	20	4
24	12	---	---	---	7	5	---	---	---	---	---	---
23	13	---	---	---	13	---	---	---	---	---	---	---
≤ 18	37	---	---	36	---	1	59	---	---	35	20	4
										Total trips:		128

*As of 2001, tugboats assisting in the navigation of larger vessels are no longer collected.

HUDSON RIVER CHANNEL, NY AND NJ*

			Upbound						Downbound				
Grand Total	1,161	247	30	309	371	204	1,111	245	28	302	372	164	

FOREIGN

Total	218	218	---	---	---	---	217	216	1	---	---	---
35	2	2	---	---	---	---	---	---	---	---	---	---
33	---	---	---	---	---	---	2	2	---	---	---	---
32	1	1	---	---	---	---	---	---	---	---	---	---

Trips and Drafts of Vessels, 2002
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
HUDSON RIVER CHANNEL, NY AND NJ - continued												
	Upbound						Downbound					
FOREIGN												
31	1	1	—	—	—	—	1	1	—	—	—	—
30	1	1	—	—	—	—	3	3	—	—	—	—
29	20	20	—	—	—	—	24	24	—	—	—	—
28	7	7	—	—	—	—	7	6	1	—	—	—
27	24	24	—	—	—	—	27	27	—	—	—	—
26	30	30	—	—	—	—	32	32	—	—	—	—
25	51	51	—	—	—	—	54	54	—	—	—	—
24	9	9	—	—	—	—	6	6	—	—	—	—
23	42	42	—	—	—	—	38	38	—	—	—	—
22	23	23	—	—	—	—	20	20	—	—	—	—
19	—	—	—	—	—	—	2	2	—	—	—	—
≤ 18	7	7	—	—	—	—	1	1	—	—	—	—
DOMESTIC												
Total	943	29	30	309	371	204	894	29	27	302	372	164
19	1	—	—	—	—	1	1	—	—	—	—	1
≤ 18	942	29	30	309	371	203	893	29	27	302	372	163
											Total trips:	2,272

*As of 2001, tugboats assisting in the navigation of larger vessels are no longer collected.

EAST RIVER, NY*												
Grand Total	Upbound						Downbound					
	24,754	23,769	42	374	10	559	24,750	23,763	49	372	10	556
FOREIGN												
Total	48	41	3	2	—	2	40	36	4	—	—	—
43	1	—	1	—	—	—	—	—	—	—	—	—
40	1	1	—	—	—	—	—	—	—	—	—	—
38	4	4	—	—	—	—	—	—	—	—	—	—
37	2	1	1	—	—	—	—	—	—	—	—	—
36	15	15	—	—	—	—	—	—	—	—	—	—
35	2	2	—	—	—	—	—	—	—	—	—	—
34	5	5	—	—	—	—	—	—	—	—	—	—
33	2	2	—	—	—	—	—	—	—	—	—	—
32	2	2	—	—	—	—	—	—	—	—	—	—
31	1	1	—	—	—	—	—	—	—	—	—	—
30	5	4	1	—	—	—	1	1	—	—	—	—
29	—	—	—	—	—	—	1	1	—	—	—	—
28	1	1	—	—	—	—	5	3	2	—	—	—
27	—	—	—	—	—	—	3	2	1	—	—	—
26	3	2	—	—	—	1	1	—	1	—	—	—
25	1	1	—	—	—	—	5	5	—	—	—	—
24	—	—	—	—	—	—	12	12	—	—	—	—
23	—	—	—	—	—	—	1	1	—	—	—	—
22	—	—	—	—	—	—	2	2	—	—	—	—
21	—	—	—	—	—	—	8	8	—	—	—	—
20	—	—	—	—	—	—	1	1	—	—	—	—
≤ 18	3	—	—	2	—	1	—	—	—	—	—	—
DOMESTIC												
Total	24,706	23,728	39	372	10	557	24,710	23,727	45	372	10	556
30	2	—	—	—	—	2	—	—	—	—	—	—
29	3	—	—	—	—	3	1	—	—	—	—	1
28	1	—	—	—	—	1	—	—	—	—	—	—
27	17	—	—	—	—	17	—	—	—	—	—	—
26	14	—	—	—	—	14	—	—	—	—	—	—
25	18	—	—	—	—	18	1	—	—	—	—	1
24	33	—	—	—	—	33	1	—	—	—	—	1
23	11	—	1	—	—	10	3	—	1	—	—	2
22	7	—	—	1	—	6	—	—	—	—	—	—
21	8	—	—	1	—	7	—	—	—	—	—	—
20	19	—	—	7	—	12	8	—	—	7	—	1
19	15	—	—	3	—	12	3	—	—	2	—	1
≤ 18	24,558	23,728	38	360	10	422	24,693	23,727	44	363	10	549
											Total trips:	49,504

*As of 2001, tugboats assisting in the navigation of larger vessels are no longer collected.

Trips and Drafts of Vessels, 2002
(draft in feet)

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

NEWTOWN CREEK, NY

	Upbound						Downbound					
Grand Total	1,026	---	45	368	498	115	987	1	45	323	513	105

DOMESTIC

Total	1,026	---	45	368	498	115	987	1	45	323	513	105
16	3	---	1	2	---	---	7	---	---	2	5	---
15	1	---	1	---	---	---	251	---	---	---	251	---
14	15	---	15	---	---	---	---	---	---	---	---	---
13	14	---	10	3	---	1	3	---	---	3	---	---
≤ 12	993	---	18	363	498	114	726	1	45	318	257	105
										Total trips:		2,013

BUTTERMILK CHANNEL, NY*

	Upbound						Downbound					
Grand Total	439	200	21	28	159	31	432	202	23	23	156	28

FOREIGN

Total	203	200	3	---	---	---	207	202	5	---	---	---
37	5	5	---	---	---	---	---	---	---	---	---	---
36	14	14	---	---	---	---	11	11	---	---	---	---
35	11	11	---	---	---	---	13	13	---	---	---	---
34	12	12	---	---	---	---	13	11	2	---	---	---
33	26	25	1	---	---	---	21	21	---	---	---	---
32	17	16	1	---	---	---	18	18	---	---	---	---
31	21	21	---	---	---	---	26	26	---	---	---	---
30	22	22	---	---	---	---	34	34	---	---	---	---
29	20	20	---	---	---	---	17	16	1	---	---	---
28	12	11	1	---	---	---	14	14	---	---	---	---
27	20	20	---	---	---	---	14	13	1	---	---	---
26	2	2	---	---	---	---	5	5	---	---	---	---
25	2	2	---	---	---	---	3	2	1	---	---	---
24	3	3	---	---	---	---	1	1	---	---	---	---
23	2	2	---	---	---	---	2	2	---	---	---	---
22	---	---	---	---	---	---	2	2	---	---	---	---
21	3	3	---	---	---	---	4	4	---	---	---	---
20	4	4	---	---	---	---	4	4	---	---	---	---
≤ 18	7	7	---	---	---	---	5	5	---	---	---	---

DOMESTIC

Total	236	---	18	28	159	31	225	---	18	23	156	28
≤ 18	236	---	18	28	159	31	225	---	18	23	156	28
										Total trips:		871

*As of 2001, tugboats assisting in the navigation of larger vessels are no longer collected.

BAY RIDGE AND RED HOOK CHANNELS, NY*

	Upbound						Downbound					
Grand Total	1,055	2	1	1,009	1	42	1,002	3	1	963	1	34

FOREIGN

Total	2	2	---	---	---	---	3	3	---	---	---	---
36	---	---	---	---	---	---	1	1	---	---	---	---
33	1	1	---	---	---	---	---	---	---	---	---	---
32	---	---	---	---	---	---	1	1	---	---	---	---
29	---	---	---	---	---	---	1	1	---	---	---	---
27	1	1	---	---	---	---	---	---	---	---	---	---

DOMESTIC

Total	1,053	---	1	1,009	1	42	999	---	1	963	1	34
≤ 18	1,053	---	1	1,009	1	42	999	---	1	963	1	34
										Total trips:		2,057

*As of 2001, tugboats assisting in the navigation of larger vessels are no longer collected.

Trips and Drafts of Vessels, 2002
(draft in feet)

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

GOWANUS CREEK CHANNEL, NY*

	Upbound						Downbound					
Grand Total	727	—	1	333	288	105	693	—	1	318	282	92
DOMESTIC												
Total	727	—	1	333	288	105	693	—	1	318	282	92
28	1	—	—	—	—	1	—	—	—	—	—	—
27	6	—	—	—	—	6	—	—	—	—	—	—
26	1	—	—	—	—	1	—	—	—	—	—	—
25	2	—	—	—	—	2	—	—	—	—	—	—
24	3	—	—	—	—	3	—	—	—	—	—	—
23	4	—	—	—	—	4	—	—	—	—	—	—
22	1	—	—	—	—	1	—	—	—	—	—	—
21	1	—	—	—	—	1	—	—	—	—	—	—
19	8	—	—	1	—	7	—	—	—	1	—	—
≤ 18	700	—	1	332	288	79	692	—	1	317	282	92
										Total trips:		1,420

*As of 2001, tugboats assisting in the navigation of larger vessels are no longer collected.

CONEY ISLAND CHANNEL, NY

	Upbound						Downbound					
Grand Total	218	—	—	70	55	93	226	—	—	69	55	102
DOMESTIC												
Total	218	—	—	70	55	93	226	—	—	69	55	102
19	—	—	—	—	—	—	4	—	—	—	—	4
17	—	—	—	—	—	—	20	—	—	—	—	20
13	—	—	—	—	—	—	3	—	—	—	—	3
12	—	—	—	—	—	—	18	—	—	—	—	18
11	—	—	—	—	—	—	22	—	—	—	7	15
10	—	—	—	—	—	—	48	—	—	—	38	10
9	2	—	—	2	—	—	33	—	—	—	7	26
8	19	—	—	19	—	—	24	—	—	20	2	2
7	24	—	—	24	—	—	19	—	—	18	—	1
6	25	—	—	25	—	—	31	—	—	31	—	—
5	2	—	—	—	—	2	—	—	—	—	—	—
4	49	—	—	—	—	49	3	—	—	—	—	3
3	18	—	—	—	—	18	—	—	—	—	—	—
2	79	—	—	—	55	24	1	—	—	—	1	—
										Total trips:		444

EAST ROCKAWAY INLET, NY

	Upbound						Downbound					
Grand Total	154	—	116	9	2	27	146	—	112	8	2	24
DOMESTIC												
Total	154	—	116	9	2	27	146	—	112	8	2	24
14	45	—	41	—	—	4	—	—	—	—	—	—
13	39	—	38	—	—	1	—	—	—	—	—	—
12	29	—	16	—	—	13	—	—	—	—	—	—
11	28	—	20	—	—	8	—	—	—	—	—	—
10	9	—	—	7	2	—	3	—	1	2	—	—
9	2	—	1	—	—	1	100	—	100	—	—	—
8	1	—	—	1	—	—	14	—	9	5	—	—
7	1	—	—	1	—	—	3	—	2	1	—	—
≤ 6	—	—	—	—	—	—	26	—	—	—	2	24
										Total trips:		300

JAMAICA BAY, NY

	Upbound						Downbound					
Grand Total	608	1	—	317	171	119	606	1	—	317	172	116
DOMESTIC												
Total	608	1	—	317	171	119	606	1	—	317	172	116

Trips and Drafts of Vessels, 2002
(draft in feet)

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

JAMAICA BAY, NY - continued

	Upbound						Downbound					
DOMESTIC												
19	4	—	—	—	—	4	—	—	—	—	—	—
17	20	—	—	—	—	20	—	—	—	—	—	—
13	4	—	—	—	—	4	—	—	—	—	—	—
≤ 12	580	1	—	317	171	91	606	1	—	317	172	116
										Total trips:		1,214

RARITAN RIVER, NJ*

	Upbound						Downbound					
Grand Total	2,743	1,710	3	129	755	146	2,707	1,710	3	99	746	149
DOMESTIC												
Total	2,743	1,710	3	129	755	146	2,707	1,710	3	99	746	149
26	—	—	—	—	—	—	2	—	—	—	—	2
23	6	—	—	—	—	6	4	—	—	—	—	4
22	3	—	—	—	—	3	3	—	—	—	—	3
21	2	—	—	—	—	2	9	—	—	—	—	9
20	2	—	—	—	—	2	4	—	—	—	—	4
19	—	—	—	—	—	—	7	—	—	—	—	7
18	3	—	—	1	—	2	4	—	—	1	—	3
17	7	—	—	—	—	7	9	—	—	—	—	9
16	12	—	—	5	—	7	30	—	—	5	—	25
15	3	—	—	—	—	3	6	—	—	1	—	5
14	5	—	—	2	—	3	5	—	—	2	—	3
13	6	—	1	4	—	1	13	—	2	3	—	8
≤ 12	2,694	1,710	2	117	755	110	2,611	1,710	1	87	746	67
										Total trips:		5,450

*As of 2001, tugboats assisting in the navigation of larger vessels are no longer collected.

UPPER BAY, NEW YORK HARBOR, NY AND NJ*

	Upbound						Downbound					
Grand Total	21,567	15,665	396	3,536	809	1,161	21,539	15,591	416	3,541	813	1,178
FOREIGN												
Total	630	456	165	6	2	1	562	383	158	11	—	10
50	1	—	1	—	—	—	—	—	—	—	—	—
47	1	1	—	—	—	—	—	—	—	—	—	—
46	7	2	5	—	—	—	—	—	—	—	—	—
45	3	3	—	—	—	—	—	—	—	—	—	—
44	4	1	3	—	—	—	—	—	—	—	—	—
43	2	—	2	—	—	—	—	—	—	—	—	—
42	6	3	3	—	—	—	1	—	1	—	—	—
41	9	7	2	—	—	—	—	—	—	—	—	—
40	13	7	6	—	—	—	2	2	—	—	—	—
39	20	2	18	—	—	—	1	—	1	—	—	—
38	17	4	13	—	—	—	7	6	1	—	—	—
37	28	2	26	—	—	—	9	6	3	—	—	—
36	19	7	12	—	—	—	9	6	3	—	—	—
35	20	5	15	—	—	—	16	12	4	—	—	—
34	24	9	15	—	—	—	5	3	2	—	—	—
33	46	37	9	—	—	—	25	16	9	—	—	—
32	23	18	5	—	—	—	21	20	1	—	—	—
31	14	12	2	—	—	—	8	6	2	—	—	—
30	22	18	4	—	—	—	30	18	12	—	—	—
29	26	23	3	—	—	—	19	13	6	—	—	—
28	61	59	2	—	—	—	58	21	37	—	—	—
27	63	59	4	—	—	—	74	47	27	—	—	—
26	87	83	4	—	—	—	60	45	15	—	—	—
25	29	26	3	—	—	—	49	36	13	—	—	—
24	16	14	2	—	—	—	52	46	6	—	—	—
23	15	12	3	—	—	—	10	9	1	—	—	—
22	7	7	—	—	—	—	11	11	—	—	—	—
21	2	—	1	—	—	—	40	39	—	—	—	1
20	13	12	1	—	—	—	9	3	6	—	—	—
19	3	3	—	—	—	—	7	2	3	—	—	2
≤ 18	29	20	1	6	2	—	39	16	5	11	—	7

Trips and Drafts of Vessels, 2002
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
UPPER BAY, NEW YORK HARBOR, NY AND NJ - continued												
	Upbound						Downbound					
DOMESTIC												
Total	20,937	15,209	231	3,530	807	1,160	20,977	15,208	258	3,530	813	1,168
42	—	—	—	—	—	—	1	—	1	—	—	—
40	—	—	—	—	—	—	1	—	1	—	—	—
39	—	—	—	—	—	—	1	—	1	—	—	—
38	1	—	1	—	—	—	—	—	—	—	—	—
36	5	—	5	—	—	—	5	—	5	—	—	—
34	7	—	7	—	—	—	3	—	3	—	—	—
33	1	—	1	—	—	—	—	—	—	—	—	—
32	1	—	1	—	—	—	7	—	7	—	—	—
31	—	—	—	—	—	—	1	—	1	—	—	—
30	4	—	2	—	—	2	7	—	5	—	—	2
29	1	—	—	—	—	1	1	—	—	—	—	1
28	3	—	1	—	—	2	2	—	1	—	—	1
27	7	—	2	—	—	5	1	—	—	—	—	1
26	11	—	—	—	—	11	2	—	1	—	—	1
25	17	—	1	—	—	16	2	—	1	—	—	1
24	20	—	2	—	—	18	11	—	3	—	—	8
23	42	—	1	—	—	41	5	—	3	—	—	2
22	29	—	—	1	—	28	5	—	—	1	—	4
21	32	—	2	—	—	30	7	—	3	—	1	3
20	30	—	3	3	—	24	14	—	1	2	3	8
19	32	—	—	1	—	31	4	—	—	1	—	3
≤ 18	20,694	15,209	202	3,525	807	951	20,897	15,208	221	3,526	809	1,133
										Total trips:		43,106

*As of 2001, tugboats assisting in the navigation of larger vessels are no longer collected.

NEWARK BAY, NJ

Grand Total	Upbound				Downbound							
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
FOREIGN												
Total	2,265	2,173	90	2	—	—	2,359	2,258	98	3	—	—
46	1	1	—	—	—	—	—	—	—	—	—	—
43	1	1	—	—	—	—	1	—	—	—	—	—
42	5	5	—	—	—	—	1	—	—	—	—	—
41	15	14	1	—	—	—	1	—	—	—	—	—
40	79	79	—	—	—	—	21	—	—	—	—	—
39	83	82	1	—	—	—	41	—	1	—	—	—
38	131	125	6	—	—	—	93	—	—	—	—	—
37	156	147	9	—	—	—	198	—	1	—	—	—
36	187	183	4	—	—	—	222	—	1	—	—	—
35	149	134	15	—	—	—	156	—	2	—	—	—
34	147	144	3	—	—	—	151	—	1	—	—	—
33	242	234	8	—	—	—	249	—	11	—	—	—
32	174	166	8	—	—	—	231	—	2	—	—	—
31	123	113	10	—	—	—	103	—	2	—	—	—
30	103	100	3	—	—	—	127	—	10	—	—	—
29	121	115	6	—	—	—	115	—	10	—	—	—
28	144	140	4	—	—	—	138	—	17	—	—	—
27	117	115	2	—	—	—	139	—	8	—	—	—
26	86	81	5	—	—	—	104	—	14	—	—	—
25	43	41	2	—	—	—	92	—	8	1	—	—
24	25	24	1	—	—	—	42	—	5	—	—	—
23	22	22	—	—	—	—	17	—	—	—	—	—
22	13	13	—	—	—	—	14	—	1	—	—	—
21	16	16	—	—	—	—	14	—	2	—	—	—
20	4	3	1	—	—	—	9	—	—	—	—	—
19	1	1	—	—	—	—	8	—	—	1	—	—
≤ 18	77	74	1	2	—	—	72	69	2	1	—	—
DOMESTIC												
Total	2,893	37	257	1,115	296	1,188	2,878	37	233	1,117	304	1,187
30	1	—	—	—	—	1	—	—	—	—	—	—
29	—	—	—	—	—	—	1	—	—	—	—	1
26	1	1	—	—	—	—	—	—	—	—	—	—
25	2	—	—	—	—	2	16	16	—	—	—	—
24	1	—	—	—	—	—	2	1	—	—	—	1
23	—	—	—	—	—	—	3	3	—	—	—	—
22	1	1	—	—	—	—	8	8	—	—	—	—
21	3	1	—	—	—	2	4	3	—	—	1	—

Trips and Drafts of Vessels, 2002
(draft in feet)

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

NEWARK BAY, NJ - continued

Upbound							Downbound					
DOMESTIC												
20	4	1	—	—	—	3	3	2	—	—	—	1
19	16	16	—	—	—	—	—	—	—	—	—	—
≤ 18	2,864	17	257	1,115	296	1,179	2,841	4	233	1,117	303	1,184
Total trips:												10,395

HACKENSACK RIVER, NJ

Upbound							Downbound					
Grand Total	594	—	13	273	146	162	585	—	14	262	147	162
FOREIGN												
Total	14	—	13	1	—	—	15	—	14	1	—	—
36	2	—	2	—	—	—	—	—	—	—	—	—
32	—	—	—	—	—	—	1	—	1	—	—	—
26	4	—	4	—	—	—	—	—	—	—	—	—
25	4	—	4	—	—	—	3	—	3	—	—	—
24	—	—	—	—	—	—	2	—	2	—	—	—
23	2	—	2	—	—	—	4	—	4	—	—	—
21	—	—	—	—	—	—	2	—	2	—	—	—
19	1	—	1	—	—	—	—	—	—	—	—	—
≤ 18	1	—	—	1	—	—	3	—	2	1	—	—
Total trips:												1,179
DOMESTIC												
Total	580	—	—	272	146	162	570	—	—	261	147	162
27	1	—	—	—	—	1	—	—	—	—	—	—
26	2	—	—	—	—	2	1	—	—	—	—	1
25	1	—	—	—	—	1	—	—	—	—	—	—
24	1	—	—	—	—	1	—	—	—	—	—	—
22	72	—	—	—	72	—	—	—	—	—	—	—
21	67	—	—	—	67	—	—	—	—	—	—	—
20	6	—	—	—	3	3	2	—	—	—	—	2
19	1	—	—	—	—	1	1	—	—	—	—	1
≤ 18	429	—	—	272	4	153	566	—	—	261	147	158
Total trips:												1,179

PASSAIC RIVER, NJ

Upbound							Downbound					
Grand Total	850	—	102	299	19	430	841	2	106	280	11	442
FOREIGN												
Total	14	—	14	—	—	—	14	2	12	—	—	—
31	—	—	—	—	—	—	1	—	1	—	—	—
30	—	—	—	—	—	—	1	—	1	—	—	—
29	—	—	—	—	—	—	1	1	—	—	—	—
28	—	—	—	—	—	—	2	—	2	—	—	—
27	—	—	—	—	—	—	1	—	1	—	—	—
26	1	—	1	—	—	—	3	1	2	—	—	—
25	1	—	1	—	—	—	—	—	—	—	—	—
24	1	—	1	—	—	—	—	—	—	—	—	—
22	1	—	1	—	—	—	3	—	3	—	—	—
21	1	—	1	—	—	—	—	—	—	—	—	—
20	3	—	3	—	—	—	2	—	2	—	—	—
19	1	—	1	—	—	—	—	—	—	—	—	—
18	1	—	1	—	—	—	—	—	—	—	—	—
16	1	—	1	—	—	—	—	—	—	—	—	—
15	3	—	3	—	—	—	—	—	—	—	—	—
DOMESTIC												
Total	836	—	88	299	19	430	827	—	94	280	11	442
28	1	—	—	—	—	1	—	—	—	—	—	—
27	2	—	—	—	—	2	—	—	—	—	—	—
23	—	—	—	—	—	—	1	—	—	—	—	1
22	1	—	—	—	—	1	—	—	—	—	—	—
20	3	—	—	—	—	3	4	—	—	—	1	3
19	7	—	—	—	—	7	7	—	—	—	—	7

Trips and Drafts of Vessels, 2002
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
PASSAIC RIVER, NJ - continued												
				Upbound						Downbound		
DOMESTIC												
18	13	—	—	5	—	8	3	—	—	2	—	1
17	17	—	—	—	—	17	27	—	21	—	—	6
16	21	—	—	15	—	6	23	—	3	—	—	11
15	46	—	—	6	—	40	59	—	16	3	—	40
14	28	—	4	4	—	20	26	—	11	4	—	11
13	28	—	6	4	—	18	35	—	1	2	—	32
≤ 12	669	—	78	265	19	307	642	—	42	260	10	330
										Total trips:		1,691

NEW YORK AND NEW JERSEY CHANNELS, NY AND NJ*												
				Upbound						Downbound		
Grand Total	13,981	563	2,207	3,278	1,139	6,794	13,931	524	2,193	3,285	1,131	6,798
FOREIGN												
Total	1,292	563	722	3	3	1	1,251	524	708	10	3	6
46	4	1	3	—	—	—	6	1	5	—	—	—
45	4	1	3	—	—	—	5	5	—	—	—	—
44	5	1	4	—	—	—	4	2	2	—	—	—
43	8	2	6	—	—	—	2	1	1	—	—	—
42	10	9	1	—	—	—	6	3	3	—	—	—
41	7	3	4	—	—	—	3	2	1	—	—	—
40	22	9	13	—	—	—	5	2	3	—	—	—
39	22	2	20	—	—	—	6	2	4	—	—	—
38	20	5	15	—	—	—	17	5	12	—	—	—
37	121	19	102	—	—	—	36	9	27	—	—	—
36	90	25	65	—	—	—	59	30	29	—	—	—
35	126	77	49	—	—	—	65	30	33	1	—	1
34	90	37	53	—	—	—	59	41	18	—	—	—
33	90	56	34	—	—	—	91	69	22	—	—	—
32	79	51	28	—	—	—	80	60	20	—	—	—
31	49	23	26	—	—	—	42	23	19	—	—	—
30	89	49	40	—	—	—	67	21	46	—	—	—
29	63	37	26	—	—	—	49	20	29	—	—	—
28	117	36	81	—	—	—	204	22	182	—	—	—
27	49	14	35	—	—	—	151	86	65	—	—	—
26	51	20	31	—	—	—	87	21	66	—	—	—
25	60	29	30	—	—	1	42	5	37	—	—	—
24	31	11	20	—	—	—	48	10	38	—	—	—
23	21	14	7	—	—	—	31	18	13	—	—	—
22	19	11	8	—	—	—	26	13	13	—	—	—
21	11	8	3	—	—	—	14	9	5	—	—	—
20	11	6	5	—	—	—	9	1	8	—	—	—
19	6	—	6	—	—	—	4	—	2	1	—	1
≤ 18	17	7	4	3	3	—	33	13	5	8	3	4
DOMESTIC												
Total	12,689	—	1,485	3,275	1,136	6,793	12,680	—	1,485	3,275	1,128	6,792
39	2	—	2	—	—	—	—	—	—	—	—	—
38	—	—	—	—	—	—	1	—	1	—	—	—
37	3	—	3	—	—	—	—	—	—	—	—	—
36	6	—	6	—	—	—	8	—	8	—	—	—
35	5	—	4	—	—	1	3	—	2	—	—	1
34	15	—	14	—	—	1	16	—	16	—	—	—
33	1	—	1	—	—	—	4	—	4	—	—	—
32	19	—	19	—	—	—	8	—	7	—	—	1
31	11	—	10	—	—	1	3	—	3	—	—	—
30	29	—	6	—	—	23	8	—	5	—	—	3
29	11	—	4	—	—	7	4	—	3	—	—	1
28	9	—	6	—	—	3	13	—	6	—	—	7
27	42	—	5	—	—	37	74	—	2	—	32	40
26	98	—	3	—	—	95	36	—	2	—	5	29
25	121	—	18	—	—	103	57	—	8	—	—	49
24	176	—	9	—	1	166	74	—	4	—	—	70
23	188	—	6	1	—	181	91	—	—	—	1	90
22	318	—	13	41	2	262	88	—	8	13	—	67
21	243	—	5	1	4	233	76	—	2	1	1	72
20	257	—	18	57	1	181	155	—	18	35	2	100
19	260	—	1	1	3	255	94	—	1	3	2	88
≤ 18	10,875	—	1,332	3,174	1,125	5,244	11,867	—	1,385	3,223	1,085	6,174
										Total trips:		27,912

*As of 2001, tugboats assisting in the navigation of larger vessels are no longer collected.

Trips and Drafts of Vessels, 2002
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
RARITAN RIVER TO ARTHUR KILL CUT OFF CHANNEL, NJ												
	Upbound						Downbound					
Grand Total	2,642	1,710	3	93	700	136	2,643	1,710	3	93	699	138
DOMESTIC												
Total	2,642	1,710	3	93	700	136	2,643	1,710	3	93	699	138
23	4	—	—	—	—	4	6	—	—	—	—	6
22	3	—	—	—	—	3	3	—	—	—	—	3
21	9	—	—	—	—	9	2	—	—	—	—	2
20	4	—	—	—	—	4	2	—	—	—	—	2
19	6	—	—	—	—	6	—	—	—	—	—	—
18	3	—	—	1	—	2	3	—	—	1	—	2
17	9	—	—	—	—	9	7	—	—	—	—	7
16	25	—	—	5	—	20	11	—	—	4	—	7
15	5	—	—	1	—	4	3	—	—	—	—	3
14	5	—	—	2	—	3	5	—	—	2	—	3
13	12	—	2	2	—	8	6	—	1	4	—	1
12	28	—	—	4	15	9	6	—	—	3	—	3
11	95	—	—	—	90	5	9	—	—	—	8	1
10	643	—	—	58	581	4	156	—	—	44	112	—
9	11	—	1	4	6	—	5	—	—	5	—	—
8	15	—	—	15	—	—	31	—	2	28	—	1
7	1,712	1,710	—	1	—	1	1,708	1,706	—	1	—	1
6	3	—	—	—	—	3	2	—	—	1	—	—
5	3	—	—	—	—	3	14	4	—	—	—	10
4	14	—	—	—	—	14	16	—	—	—	—	16
3	19	—	—	—	—	19	75	—	—	—	29	46
2	13	—	—	—	7	6	572	—	—	—	549	23
1	1	—	—	—	1	—	1	—	—	—	1	—
	Total trips:										5,285	

NEW YORK HARBOR, NY LOWER ENTRANCE CHANNELS

Draft	Upbound				Downbound							
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Total	Pass & Dry Cargo	Tanker	Tow or Tug				
Grand Total	15,032	11,381	1,224	937	579	911	14,831	11,383	1,230	932	486	800
FOREIGN												
Total	4,744	3,716	998	18	5	7	4,779	3,718	1,022	22	4	13
50	1	—	1	—	—	—	—	—	—	—	—	—
47	1	1	—	—	—	—	—	—	—	—	—	—
46	18	5	13	—	—	—	—	—	—	—	—	—
45	12	9	3	—	—	—	—	—	—	—	—	—
44	13	4	9	—	—	—	—	—	—	—	—	—
43	13	3	10	—	—	—	2	2	—	—	—	—
42	27	20	7	—	—	—	2	1	1	—	—	—
41	34	26	8	—	—	—	1	1	—	—	—	—
40	119	97	22	—	—	—	24	24	—	—	—	—
39	129	87	42	—	—	—	44	41	3	—	—	—
38	188	142	46	—	—	—	101	100	1	—	—	—
37	335	176	159	—	—	—	220	210	10	—	—	—
36	357	247	110	—	—	—	272	266	6	—	—	—
35	334	231	101	1	—	1	226	209	17	—	—	—
34	288	207	81	—	—	—	218	205	13	—	—	—
33	414	355	59	—	—	—	381	346	35	—	—	—
32	292	252	40	—	—	—	356	330	26	—	—	—
31	238	191	47	—	—	—	184	169	15	—	—	—
30	235	192	43	—	—	—	273	198	75	—	—	—
29	256	216	40	—	—	—	231	189	42	—	—	—
28	288	251	37	—	—	—	493	201	292	—	—	—
27	259	234	25	—	—	—	427	308	119	—	—	—
26	246	221	24	—	—	1	318	199	119	—	—	—
25	161	142	18	—	—	1	287	200	86	1	—	—
24	75	61	14	—	—	—	179	117	62	—	—	—
23	107	99	8	—	—	—	118	95	23	—	—	—
22	69	61	8	—	—	—	106	87	19	—	—	—
21	33	29	3	—	—	1	86	74	11	—	—	1
20	35	28	7	—	—	—	41	21	20	—	—	—
19	11	8	2	—	—	1	27	12	11	2	—	2
18	27	18	3	4	1	1	31	19	6	3	1	2
17	10	8	—	1	—	1	17	14	2	1	—	—
16	16	8	2	4	2	—	29	20	3	2	1	3
15	24	18	5	1	—	—	6	4	1	—	—	1
14	60	56	—	4	—	—	8	1	1	6	—	—
13	1	—	—	1	—	—	47	44	1	2	—	—

Trips and Drafts of Vessels, 2002
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
NEW YORK HARBOR, NY LOWER ENTRANCE CHANNELS - continued												
	Upbound						Downbound					
FOREIGN												
≤ 12	18	13	1	2	2	—	24	11	2	5	2	4
DOMESTIC												
Total	10,288	7,665	226	919	574	904	10,052	7,665	208	910	482	787
39	1	—	1	—	—	—	1	—	1	—	—	—
38	1	—	1	—	—	—	—	—	—	—	—	—
37	3	—	3	—	—	—	—	—	—	—	—	—
36	7	—	7	—	—	—	5	—	5	—	—	—
35	4	—	3	—	—	1	1	—	1	—	—	—
34	10	1	9	—	—	—	—	—	—	—	—	—
33	3	—	3	—	—	—	—	—	—	—	—	—
32	18	—	17	—	—	1	11	—	11	—	—	—
31	13	—	12	—	—	1	1	—	1	—	—	—
30	15	—	5	—	—	10	9	—	6	—	—	3
29	10	—	2	—	—	8	2	—	2	—	—	—
28	8	—	2	—	—	6	1	—	1	—	—	—
27	72	—	5	—	—	67	16	—	—	—	14	2
26	44	1	2	—	—	41	13	—	3	—	3	7
25	45	—	5	—	—	40	41	16	10	—	—	15
24	97	—	3	—	16	78	22	1	3	—	1	17
23	56	—	—	—	15	41	17	3	1	—	—	13
22	107	1	5	—	85	16	39	8	2	—	1	28
21	133	1	4	1	96	31	30	3	1	1	3	22
20	79	1	8	18	9	43	79	2	22	12	5	38
19	50	16	—	4	4	26	27	1	2	2	1	21
18	83	14	1	29	8	31	35	1	1	15	1	17
17	99	1	3	49	13	33	93	2	1	45	—	45
16	99	—	1	39	2	57	241	—	3	34	174	30
15	317	1	3	273	3	37	317	1	5	271	18	22
14	81	1	4	67	2	7	121	—	44	63	1	13
13	37	—	4	22	3	8	71	—	42	23	1	5
≤ 12	8,796	7,627	113	417	318	321	8,859	7,627	40	444	259	489
											Total trips:	29,863

HUDSON RIVER, NY, MOUTH OF SPUYTEN DUYVILL CREEK (HARLEM RIVER) TO WATERFORD, NY*												
Grand Total	Upbound						Downbound					
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
FOREIGN												
Total	78	74	4	—	—	—	91	83	6	1	1	—
31	21	21	—	—	—	—	11	11	—	—	—	—
30	2	1	1	—	—	—	1	1	—	—	—	—
29	5	4	1	—	—	—	5	5	—	—	—	—
28	10	10	—	—	—	—	1	1	—	—	—	—
27	2	2	—	—	—	—	1	1	—	—	—	—
26	5	5	—	—	—	—	3	3	—	—	—	—
25	2	1	1	—	—	—	7	6	1	—	—	—
24	1	1	—	—	—	—	5	4	1	—	—	—
23	7	7	—	—	—	—	11	10	1	—	—	—
22	7	7	—	—	—	—	27	26	1	—	—	—
21	2	2	—	—	—	—	2	2	—	—	—	—
20	3	3	—	—	—	—	4	3	1	—	—	—
19	4	4	—	—	—	—	1	1	—	—	—	—
18	4	3	1	—	—	—	6	5	1	—	—	—
17	2	2	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	1	1	—	—	—	—
14	1	1	—	—	—	—	—	—	—	—	—	—
≤ 12	—	—	—	—	—	—	5	3	—	1	1	—
DOMESTIC												
Total	8,202	394	27	3,393	3,311	1,077	8,176	392	26	3,370	3,311	1,077
34	1	1	—	—	—	—	—	—	—	—	—	—
29	1	—	—	—	—	1	—	—	—	—	—	—
28	3	—	—	—	—	3	—	—	—	—	—	—
27	19	—	—	—	—	19	65	—	—	—	65	—
26	16	—	—	—	—	16	14	—	—	—	14	—
25	20	—	—	—	—	20	4	—	—	—	3	1
24	58	—	—	—	16	42	—	—	—	—	—	—
23	75	—	—	—	13	62	1	—	—	—	—	1

Trips and Drafts of Vessels, 2002
(draft in feet)

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

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

DOMESTIC

	Upbound						Downbound					
22	46	—	—	—	—	46	1	—	—	—	—	1
21	111	—	—	—	—	111	2	—	—	—	—	2
20	58	—	—	1	—	57	1	—	—	1	—	—
19	80	—	—	—	1	79	1	1	—	—	—	—
18	67	—	—	13	—	54	12	—	—	5	6	1
17	94	—	12	—	—	82	19	—	—	—	17	2
16	139	—	1	52	—	86	58	—	—	45	13	—
15	75	—	6	10	—	59	16	—	—	9	—	7
14	74	—	7	21	—	46	15	—	—	14	1	—
13	115	—	1	31	—	83	41	—	—	31	9	1
≤ 12	7,150	393	—	3,265	3,281	211	7,926	391	26	3,265	3,183	1,061
Total trips:											16,547	

*As of 2001, tugboats assisting in the navigation of larger vessels are no longer collected.

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

	Upbound						Downbound					
Grand Total	9,406	715	61	3,686	3,683	1,261	9,409	720	60	3,686	3,683	1,260

FOREIGN

Total	296	292	4	—	—	—	308	299	7	1	1	—
35	2	2	—	—	—	—	—	—	—	—	—	—
33	—	—	—	—	—	—	2	2	—	—	—	—
32	1	1	—	—	—	—	—	—	—	—	—	—
31	22	22	—	—	—	—	12	12	—	—	—	—
30	3	2	1	—	—	—	4	4	—	—	—	—
29	25	24	1	—	—	—	29	29	—	—	—	—
28	17	17	—	—	—	—	8	7	1	—	—	—
27	26	26	—	—	—	—	28	28	—	—	—	—
26	35	35	—	—	—	—	35	35	—	—	—	—
25	53	52	1	—	—	—	61	60	1	—	—	—
24	10	10	—	—	—	—	11	10	1	—	—	—
23	49	49	—	—	—	—	49	48	1	—	—	—
22	30	30	—	—	—	—	47	46	1	—	—	—
21	2	2	—	—	—	—	2	2	—	—	—	—
20	3	3	—	—	—	—	4	3	1	—	—	—
19	4	4	—	—	—	—	3	3	—	—	—	—
≤ 18	14	13	1	—	—	—	13	10	1	1	1	—

DOMESTIC

Total	9,110	423	57	3,686	3,683	1,261	9,101	421	53	3,685	3,682	1,260
34	1	1	—	—	—	—	—	—	—	—	—	—
29	1	—	—	—	—	1	—	—	—	—	—	—
28	3	—	—	—	—	3	—	—	—	—	—	—
27	19	—	—	—	—	19	65	—	—	—	65	—
26	16	—	—	—	—	16	14	—	—	—	14	—
25	20	—	—	—	—	20	4	—	—	—	3	1
24	58	—	—	—	16	42	—	—	—	—	—	—
23	75	—	—	—	13	62	1	—	—	—	—	1
22	46	—	—	—	—	46	1	—	—	—	—	1
21	111	—	—	—	—	111	2	—	—	—	—	2
20	58	—	—	1	—	57	1	—	—	1	—	—
19	81	—	—	—	1	80	2	1	—	—	—	1
≤ 18	8,621	422	57	3,685	3,653	804	9,011	420	53	3,684	3,600	1,254
Total trips:											18,815	

*As of 2001, tugboats assisting in the navigation of larger vessels are no longer collected.

PORT OF ALBANY, NY*

	Inbound						Outbound					
Grand Total	793	43	23	136	34	557	797	53	24	131	32	557

FOREIGN

Total	47	43	4	—	—	—	61	53	6	1	1	—
31	11	11	—	—	—	—	11	11	—	—	—	—
30	1	—	1	—	—	—	1	1	—	—	—	—
29	1	—	1	—	—	—	4	4	—	—	—	—
28	1	1	—	—	—	—	1	1	—	—	—	—
27	—	—	—	—	—	—	1	1	—	—	—	—

Trips and Drafts of Vessels, 2002
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
PORT OF ALBANY, NY* - continued												
	Inbound						Outbound					
FOREIGN												
26	3	3	—	—	—	—	3	3	—	—	—	—
25	2	1	1	—	—	—	6	5	1	—	—	—
24	1	1	—	—	—	—	5	4	1	—	—	—
23	6	6	—	—	—	—	7	6	1	—	—	—
22	6	6	—	—	—	—	10	9	1	—	—	—
21	1	1	—	—	—	—	—	—	—	—	—	—
20	3	3	—	—	—	—	3	2	1	—	—	—
19	4	4	—	—	—	—	1	1	—	—	—	—
18	4	3	1	—	—	—	5	4	1	—	—	—
17	2	2	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	1	1	—	—	—	—
14	1	1	—	—	—	—	—	—	—	—	—	—
≤ 12	—	—	—	—	—	—	2	—	—	1	1	—
DOMESTIC												
Total	746	—	19	136	34	557	736	—	18	130	31	557
29	1	—	—	—	—	1	—	—	—	—	—	—
28	3	—	—	—	—	3	—	—	—	—	—	—
27	14	—	—	—	—	14	—	—	—	—	—	—
26	11	—	—	—	—	11	—	—	—	—	—	—
25	16	—	—	—	—	16	1	—	—	—	—	1
24	34	—	—	—	—	34	—	—	—	—	—	—
23	51	—	—	—	—	51	1	—	—	—	—	1
22	42	—	—	—	—	42	1	—	—	—	—	1
21	67	—	—	—	—	67	1	—	—	—	—	1
20	37	—	—	—	—	37	—	—	—	—	—	—
19	38	—	—	—	—	38	—	—	—	—	—	—
18	43	—	—	7	—	36	3	—	—	2	—	1
17	14	—	12	—	—	2	2	—	—	—	—	2
16	85	—	1	41	—	43	52	—	—	39	13	—
15	29	—	2	3	—	24	5	—	—	1	—	4
14	20	—	3	1	—	16	1	—	—	—	1	—
13	37	—	1	13	—	23	13	—	—	12	—	1
≤ 12	204	—	—	71	34	99	656	—	18	76	17	545
										Total trips:		1,590

*As of 2001, tugboats assisting in the navigation of larger vessels are no longer collected.

HEMPSTEAD HARBOR, NY												
Grand Total	Inbound						Outbound					
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
Grand Total	1,309	—	—	599	574	136	1,299	—	—	602	562	135
DOMESTIC												
Total	1,309	—	—	599	574	136	1,299	—	—	602	562	135
18	6	—	—	—	—	6	—	—	—	—	—	—
17	45	—	—	—	—	45	1	—	—	—	—	1
16	2	—	—	—	—	2	—	—	—	—	—	—
15	2	—	—	—	—	2	—	—	—	—	—	—
14	1	—	—	1	—	—	1	—	—	1	—	—
13	9	—	—	—	—	9	—	—	—	—	—	—
12	71	—	—	5	26	40	4	—	—	4	—	—
11	279	—	—	—	269	10	8	—	—	—	8	—
10	184	—	—	25	153	6	30	—	—	26	3	1
9	158	—	—	54	99	5	56	—	—	52	4	—
8	259	—	—	240	14	5	239	—	—	239	—	—
7	174	—	—	163	11	—	162	—	—	162	—	—
≤ 6	119	—	—	111	2	6	798	—	—	118	547	133
										Total trips:		2,608

PORT JEFFERSON HARBOR, NY												
Grand Total	Inbound						Outbound					
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
Grand Total	13,947	12,903	1	454	338	251	13,904	12,904	1	449	329	221
DOMESTIC												
Total	13,947	12,903	1	454	338	251	13,904	12,904	1	449	329	221
29	1	—	—	—	—	1	—	—	—	—	—	—
26	3	—	—	—	—	3	—	—	—	—	—	—

Trips and Drafts of Vessels, 2002
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
PORT JEFFERSON HARBOR, NY - continued												
	Inbound						Outbound					
DOMESTIC												
24	1	—	—	—	—	1	—	—	—	—	—	—
23	1	—	—	—	—	1	—	—	—	—	—	—
22	10	—	—	—	—	10	—	—	—	—	—	—
21	13	—	—	—	—	13	—	—	—	—	—	—
20	25	—	—	—	—	25	—	—	—	—	—	—
19	51	—	—	—	—	51	15	—	—	—	—	15
18	88	—	—	8	—	80	4	—	—	4	—	—
17	26	—	—	—	—	26	—	—	—	—	—	—
16	16	—	—	9	—	7	8	—	—	8	—	—
15	17	—	1	7	—	9	9	—	—	8	—	1
14	10	—	—	5	—	5	2	—	—	2	—	—
13	6	—	—	—	—	6	3	—	—	3	—	—
≤ 12	13,679	12,903	—	425	338	13	13,863	12,904	1	424	329	205
										Total trips:	329	27,851
BRONX RIVER, NY (15 feet and less)												
			Upbound				Downbound					
Grand Total	392	—	—	136	256	—	388	—	—	136	252	—
										Total trips:		780
BROWNS CREEK, NY (8 feet and less)												
			Upbound				Downbound					
Grand Total	9,357	9,357	—	—	—	—	9,357	9,357	—	—	—	—
										Total trips:		18,714
BURLINGTON HARBOR, VT (8 feet and less)												
			Inbound				Outbound					
Grand Total	1,181	1,181	—	—	—	—	1,181	1,181	—	—	—	—
										Total trips:		2,362
CHEESEQUAKE CREEK, NJ No Vessel Trips Reported												
CONEY ISLAND CREEK, NY (9 feet and less)												
			Upbound				Downbound					
Grand Total	2	—	—	1	1	—	2	—	—	1	1	—
										Total trips:		4
ECHO BAY HARBOR, NY No Vessel Trips Reported												
ELIZABETH RIVER, NJ No Vessel Trips Reported												
FIRE ISLAND INLET, NY No Vessel Trips Reported												
GLEN COVE CREEK, NY (12 feet and less)												
			Upbound				Downbound					
Grand Total	250	28	—	118	104	—	250	27	—	116	107	—
										Total trips:		500

Trips and Drafts of Vessels, 2002
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
GLEN COVE HARBOR, NY No Vessel Trips Reported												
GREAT KILLS HARBOR, STATEN ISLAND, NY No Vessel Trips Reported												
GREAT SOUTH BAY, NY (11 feet and less)												
			Upbound						Downbound			
Grand Total	27,488	27,485	1	2	—	—	27,526	27,525	—	1	—	—
										Total trips:	—	55,014
GREENPORT HARBOR, NY (6 feet and less)												
			Inbound						Outbound			
Grand Total	39,663	39,663	—	—	—	—	39,663	39,663	—	—	—	—
										Total trips:	—	79,326
HARLEM RIVER, NY (12 feet and less)												
			Upbound						Downbound			
Grand Total	5	—	—	4	1	—	5	—	—	4	1	—
										Total trips:	1	10
HUNTINGTON HARBOR, NY (6 feet and less)												
			Inbound						Outbound			
Grand Total	—	—	—	—	—	—	2	—	—	1	—	1
										Total trips:	—	2
JONES INLET, NY (5 feet and less)												
			Upbound						Downbound			
Grand Total	10	10	—	—	—	—	10	10	—	—	—	—
										Total trips:	—	20
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 (12 feet and less)												
			Upbound						Downbound			
Grand Total	16	8	1	7	—	—	14	8	—	6	—	—
										Total trips:	—	30
MAMARONECK HARBOR, NY No Vessel Trips Reported												

Trips and Drafts of Vessels, 2002
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
MANHASSET BAY, NY (12 feet and less)												
				Upbound						Downbound		
Grand Total	28	—	2	2	—	24	26	—	2	2	—	22
										Total trips:		54
MATTITUCK HARBOR, NY (12 feet and less)												
				Inbound						Outbound		
Grand Total	4	—	—	4	—	—	3	—	—	3	—	—
										Total trips:		7
NARROWS OF LAKE CHAMPLAIN, NY AND VT No Vessel Trips Reported												
NEW ROCHELLE HARBOR, NY (7 feet and less)												
				Upbound						Downbound		
Grand Total	24	24	—	—	—	—	24	24	—	—	—	—
										Total trips:		48
NORTHPORT HARBOR, NY (7 feet and less)												
				Inbound						Outbound		
Grand Total	5	4	—	1	—	—	5	4	—	1	—	—
										Total trips:		10
OROWOC CREEK, NY No Vessel Trips Reported												
PATCHOGUE RIVER, NY (11 feet and less)												
				Inbound						Outbound		
Grand Total	2,088	2,088	—	—	—	—	2,088	2,088	—	—	—	—
										Total trips:		4,176
PECONIC RIVER, NY (5 feet and less)												
				Upbound						Downbound		
Grand Total	9	9	—	—	—	—	9	9	—	—	—	—
										Total trips:		18
PEEKSKILL HARBOR, NY No Vessel Trips Reported												
PORT CHESTER HARBOR, NY (13 feet and less)												
				Upbound						Downbound		
Grand Total	148	—	91	57	—	—	143	—	83	60	—	—
										Total trips:		291
PORT HENRY HARBOR, NY No Vessel Trips Reported												
RAHWAY RIVER, NJ No Vessel Trips Reported												

Trips and Drafts of Vessels, 2002
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
RONDOUT HARBOR, NY (15 feet and less)												
				Inbound							Outbound	
Grand Total	12	—	1	5	2	4	11	—	1	5	2	3
										Total trips:		23
ROUSES POINT, NY No Vessel Trips Reported												
SAG HARBOR, NY (12 feet and less)												
				Inbound							Outbound	
Grand Total	42,617	42,567	—	32	18	—	42,611	42,564	—	32	15	—
										Total trips:		85,228
SANDY HOOK BAY AT LEONARDO, NJ (9 feet and less)												
				Upbound							Downbound	
Grand Total	3	—	—	2	—	1	3	—	—	2	—	1
										Total trips:		6
SANDY HOOK BAY, NJ (8 feet and less)												
				Upbound							Downbound	
Grand Total	3,960	3,959	—	1	—	—	3,960	3,959	—	1	—	—
										Total trips:		7,920
SANDY HOOK CHANNEL, NY (18 feet and less)												
				Upbound							Downbound	
Grand Total	1	—	—	1	—	—	3	—	—	3	—	—
										Total trips:		4
SAUGERTIES HARBOR, NY No Vessel Trips Reported												
SHARK RIVER, NJ No Vessel Trips Reported												
SHEEPSHEAD BAY, NY (10 feet and less)												
				Upbound							Downbound	
Grand Total	2	—	—	2	—	—	2	—	—	2	—	—
										Total trips:		4
SHINNECOCK INLET, NY No Vessel Trips Reported												
SHOAL HARBOR AND COMPTON CREEK, NJ (7 feet and less)												
				Upbound							Downbound	
Grand Total	1	—	—	1	—	—	—	—	—	—	—	—
										Total trips:		1

Trips and Drafts of Vessels, 2002
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
SHREWSBURY RIVER, NJ (9 feet and less)												
				Upbound						Downbound		
Grand Total	3,669	3,667	---	2	---	---	3,669	3,667	---	2	---	---
										Total trips:	---	7,338
TARRYTOWN HARBOR, NY (14 feet and less)												
				Inbound						Outbound		
Grand Total	200	---	---	89	87	24	197	---	---	87	87	23
										Total trips:		397
WALLABOUT CHANNEL, NY No Vessel Trips Reported												
WAYCAKE CREEK, NJ No Vessel Trips Reported												
WESTCHESTER CREEK, NY (13 feet and less)												
				Upbound						Downbound		
Grand Total	57	---	---	1	---	56	56	---	---	1	---	55
										Total trips:		113
GOWANUS CANAL, NY (13 feet and less)												
				Upbound						Downbound		
Grand Total	635	---	---	319	138	178	625	---	---	308	139	178
										Total trips:		1,260
GRAVESEND BAY, NY (25 feet and less)												
				Upbound						Downbound		
Grand Total	130	31	14	18	1	66	132	31	11	21	1	68
										Total trips:		262
OYSTER BAY, NY* (19 feet and less)												
				Upbound						Downbound		
Grand Total	136	---	13	21	---	102	128	---	12	22	---	94
										Total trips:		264
*As of 2001, tugboats assisting in the navigation of larger vessels are no longer collected.												
SANDY HOOK BAY, NJ (9 feet and less)												
				Upbound						Downbound		
Grand Total	3,677	3,667	---	7	---	3	3,677	3,667	---	7	---	3
										Total trips:		7,354

Trips and Drafts of Vessels, 2002
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
DELAWARE RIVER BETWEEN PHILADELPHIA, PA, AND TRENTON, NJ*												
Upbound						Downbound						
Grand Total	5,002	166	78	3,241	116	1,401	5,011	168	76	3,242	123	1,402
FOREIGN												
Total	218	152	66	—	—	—	228	160	66	1	—	1
42	1	—	1	—	—	—	—	—	—	—	—	—
40	7	—	7	—	—	—	1	—	1	—	—	—
39	6	1	5	—	—	—	—	—	—	—	—	—
38	31	25	6	—	—	—	1	1	—	—	—	—
37	10	6	4	—	—	—	3	1	2	—	—	—
36	18	10	8	—	—	—	1	1	—	—	—	—
35	5	5	—	—	—	—	—	—	—	—	—	—
34	11	8	3	—	—	—	2	—	2	—	—	—
33	8	5	3	—	—	—	2	1	1	—	—	—
32	24	21	3	—	—	—	16	2	14	—	—	—
31	8	6	2	—	—	—	3	1	2	—	—	—
30	10	8	2	—	—	—	18	11	7	—	—	—
29	13	5	8	—	—	—	13	8	5	—	—	—
28	6	4	2	—	—	—	16	9	7	—	—	—
27	5	3	2	—	—	—	27	21	6	—	—	—
26	7	5	2	—	—	—	18	14	4	—	—	—
25	10	6	4	—	—	—	12	7	5	—	—	—
24	13	11	2	—	—	—	17	11	6	—	—	—
23	10	9	1	—	—	—	8	7	1	—	—	—
22	5	4	1	—	—	—	12	10	2	—	—	—
21	4	4	—	—	—	—	17	16	1	—	—	—
20	2	2	—	—	—	—	9	8	—	—	—	1
19	1	1	—	—	—	—	10	10	—	—	—	—
18	—	—	—	—	—	—	15	15	—	—	—	—
17	1	1	—	—	—	—	4	3	—	1	—	—
16	1	1	—	—	—	—	1	1	—	—	—	—
14	1	1	—	—	—	—	—	—	—	—	—	—
≤ 12	—	—	—	—	—	—	2	2	—	—	—	—
DOMESTIC												
Total	4,784	14	12	3,241	116	1,401	4,783	8	10	3,241	123	1,401
36	2	—	1	—	—	1	1	—	1	—	—	—
30	2	—	—	—	—	2	1	—	1	—	—	—
28	—	—	—	—	—	—	1	—	—	—	—	1
27	3	—	—	—	—	3	—	—	—	—	—	—
26	6	—	3	—	—	3	3	—	3	—	—	—
25	1	—	—	—	—	1	—	—	—	—	—	—
24	—	—	—	—	—	—	1	—	—	—	—	1
23	1	—	—	—	—	1	2	—	1	—	—	1
22	1	1	—	—	—	—	1	—	1	—	—	—
21	—	—	—	—	—	—	1	—	—	—	—	1
20	6	—	5	—	—	1	3	—	2	—	—	1
19	1	—	1	—	—	—	2	—	—	—	—	2
18	6	6	—	—	—	—	3	3	—	—	—	—
17	40	7	—	—	33	—	6	5	—	—	—	1
16	579	—	—	455	69	55	371	—	—	360	—	11
15	40	—	1	10	4	25	33	—	—	11	—	22
14	199	—	—	58	1	140	91	—	—	17	—	74
13	1,109	—	—	1,105	—	4	1,100	—	—	1,038	—	62
≤ 12	2,788	—	1	1,613	9	1,165	3,163	—	1	1,815	123	1,224
										Total trips:	10,013	

*As of 2001, tugboats assisting in the navigation of larger vessels are no longer collected.

DELAWARE RIVER, PHILADELPHIA, PA (TO THE SEA)*												
Grand Total	Upbound						Downbound					
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
Grand Total	24,327	5,221	1,118	10,877	2,491	4,620	24,302	5,224	1,093	10,876	2,490	4,619
FOREIGN												
Total	2,541	1,715	811	5	7	3	2,528	1,717	797	4	7	3
46	168	13	155	—	—	—	1	—	1	—	—	—
45	52	11	41	—	—	—	1	—	1	—	—	—
44	19	12	7	—	—	—	—	—	—	—	—	—
43	6	1	5	—	—	—	2	—	2	—	—	—
42	12	2	10	—	—	—	1	—	1	—	—	—
41	7	—	7	—	—	—	—	—	—	—	—	—
40	111	12	95	—	4	—	5	—	5	—	—	—
39	71	15	56	—	—	—	4	—	4	—	—	—

Trips and Drafts of Vessels, 2002
(draft in feet)

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

DELAWARE RIVER, PHILADELPHIA, PA (TO THE SEA) - continued

Upbound

Downbound

FOREIGN

38	60	35	24	—	1	—	5	4	1	—	—	—
37	76	25	51	—	—	—	24	15	9	—	—	—
36	100	49	50	—	1	—	15	11	4	—	—	—
35	60	33	27	—	—	—	25	23	2	—	—	—
34	61	30	31	—	—	—	15	11	4	—	—	—
33	74	47	27	—	—	—	23	16	7	—	—	—
32	117	85	32	—	—	—	52	24	28	—	—	—
31	71	50	21	—	—	—	55	26	29	—	—	—
30	125	99	26	—	—	—	133	65	68	—	—	—
29	119	89	30	—	—	—	94	62	32	—	—	—
28	118	105	13	—	—	—	252	91	160	—	1	—
27	128	114	13	—	—	1	354	169	185	—	—	—
26	155	138	17	—	—	—	278	139	135	—	4	—
25	130	114	16	—	—	—	139	106	33	—	—	—
24	167	151	16	—	—	—	195	167	28	—	—	—
23	105	99	6	—	—	—	90	77	13	—	—	—
22	75	65	10	—	—	—	102	92	10	—	—	—
21	108	105	1	1	1	—	157	145	12	—	—	—
20	35	33	1	—	—	1	91	81	9	—	—	1
19	39	31	8	—	—	—	80	77	3	—	—	—
≤ 18	172	152	15	4	—	1	335	316	11	4	2	2

DOMESTIC

Total	21,786	3,506	307	10,872	2,484	4,617	21,774	3,507	296	10,872	2,483	4,616
40	108	—	—	—	—	108	—	—	—	—	—	—
39	27	—	2	—	—	25	—	—	—	—	—	—
37	155	—	155	—	—	—	2	—	2	—	—	—
36	31	—	30	—	—	1	7	—	5	—	—	2
35	153	—	3	—	—	150	7	—	5	—	—	2
34	5	—	5	—	—	—	4	—	4	—	—	—
33	4	—	3	—	—	1	4	—	4	—	—	—
32	8	—	4	—	—	4	4	—	3	—	—	1
31	7	—	7	—	—	—	4	—	4	—	—	—
30	12	—	6	—	—	6	65	—	9	—	—	56
29	8	—	7	—	—	1	28	—	7	—	—	21
28	9	—	9	—	—	—	29	—	3	—	—	26
27	19	—	4	—	11	4	97	—	7	—	—	90
26	20	—	7	—	3	10	68	—	6	—	—	62
25	21	—	2	—	—	19	66	—	4	—	—	62
24	29	—	6	—	—	23	102	—	2	—	—	100
23	18	—	2	—	—	16	78	—	2	—	4	72
22	38	1	5	1	1	30	103	—	16	1	52	34
21	26	—	6	—	1	19	124	—	14	1	71	38
20	116	—	23	53	1	39	124	—	9	42	8	65
19	22	—	2	3	2	15	42	—	2	5	6	29
≤ 18	20,950	3,505	19	10,815	2,465	4,146	20,816	3,507	188	10,823	2,342	3,956
											Total trips:	48,629

*As of 2001, tugboats assisting in the navigation of larger vessels are no longer collected.

DELAWARE RIVER AT CAMDEN, NJ*

Inbound

Outbound

Grand Total	3,403	495	37	1,881	82	908	3,406	488	37	1,880	87	914
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FOREIGN

Total	533	495	37	1	—	—	529	488	37	2	1	1
42	1	—	1	—	—	—	—	—	—	—	—	—
40	11	4	7	—	—	—	1	—	1	—	—	—
39	7	2	5	—	—	—	—	—	—	—	—	—
38	7	1	6	—	—	—	—	—	—	—	—	—
37	5	1	4	—	—	—	2	1	1	—	—	—
36	9	1	8	—	—	—	2	2	—	—	—	—
35	2	2	—	—	—	—	1	1	—	—	—	—
34	9	7	2	—	—	—	2	—	2	—	—	—
33	11	10	1	—	—	—	1	1	—	—	—	—
32	10	10	—	—	—	—	16	4	12	—	—	—
31	8	8	—	—	—	—	6	6	—	—	—	—
30	19	19	—	—	—	—	14	10	4	—	—	—
29	27	26	1	—	—	—	10	9	1	—	—	—
28	41	40	1	—	—	—	19	13	5	—	1	—
27	46	46	—	—	—	—	26	23	3	—	—	—
26	67	67	—	—	—	—	50	46	4	—	—	—

Trips and Drafts of Vessels, 2002
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
DELAWARE RIVER AT CAMDEN, NJ - continued												
Inbound						Outbound						
FOREIGN												
25	35	34	1	—	—	—	41	38	3	—	—	—
24	40	40	—	—	—	—	53	52	1	—	—	—
23	35	35	—	—	—	—	32	32	—	—	—	—
22	24	24	—	—	—	—	35	35	—	—	—	—
21	20	20	—	—	—	—	39	39	—	—	—	—
20	18	18	—	—	—	—	31	30	—	—	—	1
19	10	10	—	—	—	—	21	21	—	—	—	—
≤ 18	71	70	—	1	—	—	127	125	—	2	—	—
DOMESTIC												
Total	2,870	—	—	1,880	82	908	2,877	—	—	1,878	86	913
36	1	—	—	—	—	1	—	—	—	—	—	—
28	—	—	—	—	—	—	1	—	—	—	—	1
27	3	—	—	—	—	3	—	—	—	—	—	—
26	3	—	—	—	—	3	—	—	—	—	—	—
25	1	—	—	—	—	1	—	—	—	—	—	—
24	—	—	—	—	—	—	1	—	—	—	—	1
23	1	—	—	—	—	1	1	—	—	—	—	1
22	1	—	—	—	—	1	—	—	—	—	—	—
21	—	—	—	—	—	—	1	—	—	—	—	1
20	32	—	—	30	—	2	14	—	—	14	—	—
19	1	—	—	1	—	—	3	—	—	1	—	2
≤ 18	2,827	—	—	1,849	82	896	2,856	—	—	1,863	86	907
										Total trips:	86	907
											6,809	

*As of 2001, tugboats assisting in the navigation of larger vessels are no longer collected.

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

Grand Total	Upbound						Downbound					
	24,728	5,221	1,118	11,176	2,491	4,722	24,705	5,224	1,093	11,175	2,490	4,723
FOREIGN												
Total	2,541	1,715	811	5	7	3	2,528	1,717	797	4	7	3
46	168	13	155	—	—	—	1	—	1	—	—	—
45	52	11	41	—	—	—	—	—	1	—	—	—
44	19	12	7	—	—	—	—	—	—	—	—	—
43	6	1	5	—	—	—	2	—	2	—	—	—
42	12	2	10	—	—	—	1	—	1	—	—	—
41	7	—	7	—	—	—	—	—	—	—	—	—
40	111	12	95	—	4	—	5	—	5	—	—	—
39	71	15	56	—	—	—	4	—	4	—	—	—
38	60	35	24	—	1	—	5	4	1	—	—	—
37	76	25	51	—	—	—	24	15	9	—	—	—
36	100	49	50	—	1	—	15	11	4	—	—	—
35	60	33	27	—	—	—	25	23	2	—	—	—
34	61	30	31	—	—	—	15	11	4	—	—	—
33	74	47	27	—	—	—	23	16	7	—	—	—
32	117	85	32	—	—	—	52	24	28	—	—	—
31	71	50	21	—	—	—	55	26	29	—	—	—
30	125	99	26	—	—	—	133	65	68	—	—	—
29	119	89	30	—	—	—	94	62	32	—	—	—
28	118	105	13	—	—	—	252	91	160	—	1	—
27	128	114	13	—	—	—	354	169	185	—	—	—
26	155	138	17	—	—	—	278	139	135	—	4	—
25	130	114	16	—	—	—	139	106	33	—	—	—
24	167	151	16	—	—	—	195	167	28	—	—	—
23	105	99	6	—	—	—	90	77	13	—	—	—
22	75	65	10	—	—	—	102	92	10	—	—	—
21	108	105	1	1	1	—	157	145	12	—	—	—
20	35	33	1	—	—	—	91	81	9	—	—	1
19	39	31	8	—	—	—	80	77	3	—	—	—
≤ 18	172	152	15	4	—	1	335	316	11	4	2	2
DOMESTIC												
Total	22,187	3,506	307	11,171	2,484	4,719	22,177	3,507	296	11,171	2,483	4,720
40	108	—	—	—	—	108	—	—	—	—	—	—
39	27	—	2	—	—	25	—	—	—	—	—	—
37	155	—	155	—	—	—	2	—	2	—	—	—
36	31	—	30	—	—	1	7	—	5	—	—	2
35	153	—	3	—	—	150	7	—	5	—	—	2
34	5	—	5	—	—	—	4	—	4	—	—	—

Trips and Drafts of Vessels, 2002
(draft in feet)

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

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

Upbound

Downbound

DOMESTIC

33	4	—	3	—	—	1	4	—	4	—	—	—
32	8	—	4	—	—	4	4	—	3	—	—	1
31	7	—	7	—	—	—	4	—	4	—	—	—
30	12	—	6	—	—	6	65	—	9	—	—	56
29	8	—	7	—	—	1	28	—	7	—	—	21
28	9	—	9	—	—	—	29	—	3	—	—	26
27	19	—	4	—	11	4	97	—	7	—	—	90
26	20	—	7	—	3	10	68	—	6	—	—	62
25	21	—	2	—	—	19	66	—	4	—	—	62
24	29	—	6	—	—	23	102	—	2	—	—	100
23	18	—	2	—	—	16	78	—	2	—	4	72
22	38	1	5	1	1	30	103	—	16	1	52	34
21	26	—	6	—	1	19	124	—	14	1	71	38
20	116	—	23	53	1	39	124	—	9	42	8	65
19	22	—	2	3	2	15	42	—	2	5	6	29
≤ 18	21,351	3,505	19	11,114	2,465	4,248	21,219	3,507	188	11,122	2,342	4,060
											Total trips:	49,433

*As of 2001, tugboats assisting in the navigation of larger vessels are no longer collected.

SCHUYLKILL RIVER, PA

Upbound

Downbound

Grand Total	2,697	—	23	1,598	—	1,076	2,688	—	24	1,575	—	1,089
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FOREIGN

Total	22	—	22	—	—	—	23	—	23	—	—	—
35	1	—	1	—	—	—	—	—	—	—	—	—
33	2	—	2	—	—	—	—	—	—	—	—	—
32	4	—	4	—	—	—	1	—	1	—	—	—
31	3	—	3	—	—	—	1	—	1	—	—	—
30	5	—	5	—	—	—	2	—	2	—	—	—
29	1	—	1	—	—	—	2	—	2	—	—	—
28	—	—	—	—	—	—	3	—	3	—	—	—
27	2	—	2	—	—	—	3	—	3	—	—	—
26	1	—	1	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	2	—	2	—	—	—
24	2	—	2	—	—	—	2	—	2	—	—	—
23	—	—	—	—	—	—	3	—	3	—	—	—
22	1	—	1	—	—	—	3	—	3	—	—	—
20	—	—	—	—	—	—	1	—	1	—	—	—

DOMESTIC

Total	2,675	—	1	1,598	—	1,076	2,665	—	1	1,575	—	1,089
30	—	—	—	—	—	—	1	—	—	—	—	1
28	—	—	—	—	—	—	6	—	—	—	—	6
27	—	—	—	—	—	—	75	—	—	—	—	75
26	—	—	—	—	—	—	19	—	—	—	—	19
25	1	—	—	—	—	1	15	—	—	—	—	15
24	—	—	—	—	—	—	18	—	—	—	—	18
23	1	—	—	—	—	1	18	—	—	—	—	18
22	5	—	—	—	—	5	1	—	—	—	—	1
21	2	—	1	—	—	1	8	—	1	—	—	7
20	14	—	—	13	—	1	19	—	—	15	—	4
19	3	—	—	3	—	—	13	—	—	3	—	10
18	1	—	—	1	—	—	4	—	—	1	—	3
17	3	—	—	—	—	3	6	—	—	—	—	6
16	206	—	—	163	—	43	263	—	—	183	—	80
15	86	—	—	28	—	58	175	—	—	27	—	148
14	175	—	—	29	—	146	98	—	—	5	—	93
13	466	—	—	463	—	3	467	—	—	466	—	1
≤ 12	1,712	—	—	898	—	814	1,459	—	—	875	—	584
											Total trips:	5,385

Trips and Drafts of Vessels, 2002
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
PHILADELPHIA HARBOR, PA												
Grand Total	Inbound						Outbound					
	8,986	458	307	6,073	61	2,087	8,973	459	312	6,071	44	2,087
FOREIGN												
Total	613	429	182	—	2	—	633	436	196	—	—	1
46	86	7	79	—	—	—	1	—	1	—	—	—
40	5	1	4	—	—	—	—	—	—	—	—	—
39	8	8	—	—	—	—	—	—	—	—	—	—
38	7	6	—	—	1	—	1	1	—	—	—	—
37	12	8	4	—	—	—	16	10	6	—	—	—
36	29	27	1	—	1	—	9	8	1	—	—	—
35	24	19	5	—	—	—	21	21	—	—	—	—
34	22	14	8	—	—	—	11	10	1	—	—	—
33	20	14	6	—	—	—	12	10	2	—	—	—
32	55	41	14	—	—	—	14	10	4	—	—	—
31	16	10	6	—	—	—	30	14	16	—	—	—
30	27	19	8	—	—	—	44	34	10	—	—	—
29	21	10	11	—	—	—	29	20	9	—	—	—
28	28	23	5	—	—	—	43	20	23	—	—	—
27	27	22	5	—	—	—	29	20	9	—	—	—
26	23	18	5	—	—	—	99	25	74	—	—	—
25	26	21	5	—	—	—	18	11	7	—	—	—
24	70	64	6	—	—	—	75	64	11	—	—	—
23	43	40	3	—	—	—	18	11	7	—	—	—
22	26	22	4	—	—	—	28	23	5	—	—	—
21	22	21	1	—	—	—	24	21	3	—	—	—
20	5	5	—	—	—	—	26	23	3	—	—	—
19	7	7	—	—	—	—	16	15	1	—	—	—
≤ 18	4	2	2	—	—	—	69	65	3	—	—	1
DOMESTIC												
Total	8,373	29	125	6,073	59	2,087	8,340	23	116	6,071	44	2,086
40	46	—	—	—	—	46	—	—	—	—	—	—
39	7	—	—	—	—	7	—	—	—	—	—	—
37	63	—	63	—	—	—	—	—	—	—	—	—
36	14	—	13	—	—	1	2	—	2	—	—	—
35	37	—	2	—	—	35	—	—	—	—	—	—
34	1	—	1	—	—	—	—	—	—	—	—	—
32	1	—	—	—	—	1	1	—	1	—	—	—
30	3	—	3	—	—	—	6	—	5	—	—	1
29	3	—	3	—	—	—	1	—	1	—	—	—
28	5	—	5	—	—	—	7	—	1	—	—	6
27	2	—	2	—	—	—	78	—	3	—	—	75
26	4	—	4	—	—	—	23	—	3	—	—	20
25	2	—	1	—	—	1	18	—	2	—	—	16
24	5	—	1	—	—	4	19	—	1	—	—	18
23	2	—	1	—	—	1	19	—	1	—	—	18
22	11	1	5	—	—	5	10	—	8	—	—	2
21	4	—	3	—	—	1	12	—	5	—	—	7
20	27	—	10	15	—	2	26	—	6	15	—	5
19	3	—	1	2	—	—	16	—	2	4	—	10
≤ 18	8,133	28	7	6,056	59	1,983	8,102	23	75	6,052	44	1,908
											Total trips:	17,959
TRENTON HARBOR, NJ												
Grand Total	Inbound						Outbound					
	421	—	—	251	107	63	431	—	—	258	110	63
DOMESTIC												
Total	421	—	—	251	107	63	431	—	—	258	110	63
17	33	—	—	—	33	—	—	—	—	—	—	—
16	129	—	—	60	69	—	62	—	—	62	—	—
15	14	—	—	10	4	—	11	—	—	11	—	—
14	64	—	—	—	1	63	—	—	—	—	—	—
13	4	—	—	4	—	—	4	—	—	4	—	—
12	5	—	—	5	—	—	4	—	—	4	—	—
11	70	—	—	70	—	—	73	—	—	73	—	—
10	62	—	—	62	—	—	65	—	—	63	2	—
9	15	—	—	15	—	—	10	—	—	10	—	—
8	8	—	—	8	—	—	6	—	—	6	—	—
7	17	—	—	17	—	—	19	—	—	19	—	—

Trips and Drafts of Vessels, 2002
(draft in feet)

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

TRENTON HARBOR, NJ - continued

	Inbound						Outbound					
DOMESTIC												
≤ 6'	—	—	—	—	—	—	177	—	—	6	108	63
							Total trips:					
							852					

WILMINGTON HARBOR, DE

	Inbound						Outbound					
Grand Total	1,397	358	14	553	14	458	1,396	361	16	551	13	455

FOREIGN

Total	373	358	13	1	—	1	379	361	15	1	2	—
38	2	2	—	—	—	—	2	2	—	—	—	—
37	4	4	—	—	—	—	3	3	—	—	—	—
36	1	1	—	—	—	—	—	—	—	—	—	—
35	3	2	1	—	—	—	—	—	—	—	—	—
34	1	1	—	—	—	—	1	1	—	—	—	—
33	14	13	1	—	—	—	3	3	—	—	—	—
32	11	9	2	—	—	—	5	5	—	—	—	—
31	17	15	2	—	—	—	6	5	—	—	—	—
30	43	41	2	—	—	—	7	6	1	—	—	—
29	43	41	2	—	—	—	13	13	—	—	—	—
28	24	24	—	—	—	—	26	25	1	—	—	—
27	40	39	—	—	—	1	62	58	4	—	—	—
26	46	44	2	—	—	—	41	37	3	—	1	—
25	35	34	1	—	—	—	39	36	3	—	—	—
24	38	38	—	—	—	—	32	31	1	—	—	—
23	16	16	—	—	—	—	26	26	—	—	—	—
22	13	13	—	—	—	—	23	22	1	—	—	—
21	9	9	—	—	—	—	20	20	—	—	—	—
20	1	1	—	—	—	—	13	13	—	—	—	—
19	5	5	—	—	—	—	10	10	—	—	—	—
≤ 18'	7	6	—	1	—	—	47	45	—	1	1	—

DOMESTIC

Total	1,024	—	1	552	14	457	1,017	—	1	550	11	455
35	1	—	1	—	—	—	—	—	—	—	—	—
29	1	—	—	—	—	1	1	—	1	—	—	—
28	—	—	—	—	—	—	1	—	—	—	—	1
26	2	—	—	—	—	2	—	—	—	—	—	—
25	2	—	—	—	—	2	—	—	—	—	—	—
24	1	—	—	—	—	1	2	—	—	—	—	2
22	1	—	—	1	—	—	1	—	—	1	—	—
21	1	—	—	—	—	1	—	—	—	—	—	—
20	2	—	—	1	—	1	2	—	—	—	—	2
19	1	—	—	—	1	—	—	—	—	—	—	—
≤ 18'	1,012	—	—	550	13	449	1,010	—	—	549	11	450
							Total trips:					
							2,793					

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

	Upbound						Downbound					
Grand Total	4,523	224	18	2,110	1,334	837	4,652	331	22	2,125	1,333	841

FOREIGN

Total	231	224	7	—	—	—	351	331	15	1	—	4
32	9	9	—	—	—	—	40	39	1	—	—	—
31	6	6	—	—	—	—	18	18	—	—	—	—
30	7	7	—	—	—	—	16	15	1	—	—	—
29	7	7	—	—	—	—	18	16	2	—	—	—
28	15	14	1	—	—	—	26	25	1	—	—	—
27	20	19	1	—	—	—	32	32	—	—	—	—
26	27	26	1	—	—	—	36	33	3	—	—	—
25	35	32	3	—	—	—	67	64	3	—	—	—
24	22	22	—	—	—	—	21	20	1	—	—	—
23	23	23	—	—	—	—	19	18	1	—	—	—
22	12	11	1	—	—	—	12	9	—	—	—	3
21	13	13	—	—	—	—	4	3	1	—	—	—
20	10	10	—	—	—	—	8	7	—	—	—	1

Trips and Drafts of Vessels, 2002
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & 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					
FOREIGN												
19	1	1	—	—	—	—	6	5	1	—	—	—
18	3	3	—	—	—	—	4	4	—	—	—	—
17	2	2	—	—	—	—	2	1	—	1	—	—
16	2	2	—	—	—	—	1	1	—	—	—	—
15	4	4	—	—	—	—	1	1	—	—	—	—
14	3	3	—	—	—	—	—	—	—	—	—	—
13	2	2	—	—	—	—	—	2	—	—	—	—
≤ 12	8	8	—	—	—	—	18	18	—	—	—	—
DOMESTIC												
Total	4,292	—	11	2,110	1,334	837	4,301	—	7	2,124	1,333	837
29	6	—	3	—	—	3	8	—	—	—	—	8
28	1	—	1	—	—	—	2	—	—	—	—	2
27	2	—	1	—	—	1	25	—	1	—	11	13
26	4	—	—	—	—	4	12	—	—	—	3	9
25	3	—	—	—	—	3	12	—	—	—	—	12
24	34	—	1	—	—	33	14	—	1	—	—	13
23	13	—	—	—	4	9	13	—	—	—	—	13
22	57	—	2	—	52	3	21	—	1	—	1	19
21	72	—	—	1	69	2	24	—	1	—	1	22
20	14	—	2	1	7	4	28	—	2	3	1	22
19	13	—	—	1	7	5	10	—	—	—	1	9
18	16	—	—	—	3	13	27	—	—	1	13	13
17	103	—	—	53	41	9	82	—	—	52	—	30
16	249	—	1	91	126	31	266	—	1	88	108	69
15	185	—	—	154	9	22	208	—	—	144	16	48
14	102	—	—	72	4	26	149	—	—	69	—	80
13	314	—	—	302	2	10	365	—	—	300	—	65
≤ 12	3,104	—	—	1,435	1,010	659	3,035	—	—	1,467	1,178	390
											Total trips:	9,175

ABSECON CREEK, NJ
No Vessel Trips Reported

ABSECON INLET, NJ
(12 feet and less)

Upbound							Downbound					
Grand Total	5	5	—	—	—	—	6	6	—	—	—	—
											Total trips:	11

ALLOWAY CREEK, NJ
No Vessel Trips Reported

APPOQUINIMINK RIVER, DE
No Vessel Trips Reported

BARNEGAT INLET, NJ
No Vessel Trips Reported

BIG TIMBER CREEK, NJ
No Vessel Trips Reported

BROADKILL RIVER, DE
No Vessel Trips Reported

CAPE MAY CANAL, NJ
(10 feet and less)

Upbound							Downbound					
Grand Total	3,335	3,319	—	9	7	—	3,338	3,320	—	11	7	—
											Total trips:	6,673

Trips and Drafts of Vessels, 2002
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
COHANSEY RIVER, NJ No Vessel Trips Reported												
COLD SPRING INLET, NJ No Vessel Trips Reported												
COOPER RIVER, NJ No Vessel Trips Reported												
HARBOR OF REFUGE, DELAWARE BAY, DE (12 feet and less)												
				Inbound						Outbound		
Grand Total	3,172	3,170	---	2	---	---	3,172	3,170	---	2	---	---
										Total trips:	---	6,344
HOPE CREEK, NJ No Vessel Trips Reported												
INDIAN RIVER INLET AND BAY, DE (8 feet and less)												
				Upbound						Downbound		
Grand Total	1	---	---	1	---	---	---	---	---	---	---	---
										Total trips:	---	1
INLAND WATERWAY BETWEEN REHOBOTH BAY AND DELAWARE BAY, DE (8 feet and less)												
				Upbound						Downbound		
Grand Total	1	1	---	---	---	---	2	---	---	2	---	---
										Total trips:	---	3
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 (4 feet and less)												
				Upbound						Downbound		
Grand Total	9	7	---	2	---	---	8	7	---	1	---	---
										Total trips:	---	17

Trips and Drafts of Vessels, 2002
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
MURDERKILL RIVER, DE (7 feet and less)												
				Upbound						Downbound		
Grand Total	2	—	—	2	—	—	2	—	—	2	—	—
	Total trips: — — 4											
NEW JERSEY INTRACOASTAL WATERWAY (10 feet and less)												
				Upbound						Downbound		
Grand Total	3,335	3,319	—	9	7	—	3,338	3,320	—	11	7	—
	Total trips: — 6,673											
OLDMANS CREEK, NJ No Vessel Trips Reported												
PEPPER CREEK, DE No Vessel Trips Reported												
RACCOON CREEK, NJ No Vessel Trips Reported												
SALEM RIVER, NJ (17 feet and less)												
				Upbound						Downbound		
Grand Total	57	56	—	1	—	—	53	52	—	1	—	—
	Total trips: — 110											
SMYRNA RIVER, DE No Vessel Trips Reported												
ST. JONES RIVER, DE No Vessel Trips Reported												
TOMS RIVER, NJ No Vessel Trips Reported												
TUCKERTON CREEK, NJ No Vessel Trips Reported												
WATERWAY FROM INDIAN RIVER INLET TO REHOBOTH BAY, DE (8 feet and less)												
				Upbound						Downbound		
Grand Total	2	—	—	2	—	—	1	1	—	—	—	—
	Total trips: — — 3											

Trips and Drafts of Vessels, 2002
(draft in feet)

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

BALTIMORE HARBOR AND CHANNELS, MD

	Upbound						Downbound					
Grand Total	10,801	1,880	156	6,112	1,535	1,118	10,759	1,870	142	6,103	1,536	1,108

FOREIGN

Total	1,861	1,693	142	13	2	11	1,828	1,692	127	4	3	2
45	49	48	1	—	—	—	22	22	—	—	—	—
44	15	15	—	—	—	—	—	—	—	—	—	—
43	1	1	—	—	—	—	1	1	—	—	—	—
42	1	1	—	—	—	—	2	2	—	—	—	—
41	2	1	1	—	—	—	2	2	—	—	—	—
40	10	8	2	—	—	—	3	3	—	—	—	—
39	15	7	8	—	—	—	7	6	1	—	—	—
38	28	24	4	—	—	—	4	4	—	—	—	—
37	22	17	5	—	—	—	4	4	—	—	—	—
36	44	36	8	—	—	—	13	13	—	—	—	—
35	43	35	8	—	—	—	37	37	—	—	—	—
34	67	61	6	—	—	—	23	23	—	—	—	—
33	96	85	11	—	—	—	47	47	—	—	—	—
32	225	211	14	—	—	—	177	175	2	—	—	—
31	137	128	9	—	—	—	97	96	1	—	—	—
30	132	127	5	—	—	—	107	103	4	—	—	—
29	76	73	3	—	—	—	93	85	7	1	—	—
28	154	140	14	—	—	—	150	134	16	—	—	—
27	128	112	16	—	—	—	211	193	18	—	—	—
26	208	193	13	—	1	1	165	153	12	—	—	—
25	119	117	2	—	—	—	163	144	19	—	—	—
24	101	96	2	—	—	3	152	145	7	—	—	—
23	55	49	2	—	—	4	66	58	8	—	—	—
22	38	33	3	1	1	—	56	52	4	—	—	—
21	24	24	—	—	—	—	72	60	12	—	—	—
20	24	17	4	—	—	3	38	32	4	—	—	2
19	10	9	1	—	—	—	10	9	1	—	—	—
≤ 18	37	25	—	12	—	—	106	89	11	3	3	—

DOMESTIC

Total	8,940	187	14	6,099	1,533	1,107	8,931	178	15	6,099	1,533	1,106
34	—	—	—	—	—	—	1	—	1	—	—	—
33	1	—	1	—	—	—	—	—	—	—	—	—
32	1	—	—	1	—	—	1	—	—	1	—	—
31	1	—	1	—	—	—	—	—	—	—	—	—
30	13	—	1	—	—	12	4	—	2	—	—	2
29	2	—	—	1	—	1	1	—	—	1	—	—
28	1	—	—	—	—	1	1	—	1	—	—	—
27	21	—	1	—	12	8	—	—	—	—	—	—
26	12	—	1	—	5	6	8	—	—	—	2	6
25	20	—	1	—	1	18	4	—	1	—	—	3
24	24	—	1	—	10	13	33	—	1	—	—	32
23	26	—	—	—	12	14	17	—	2	—	10	5
22	204	—	2	—	184	18	44	—	3	—	39	2
21	284	—	1	2	263	18	93	—	1	2	87	3
20	33	—	4	2	3	24	22	—	3	1	15	3
19	15	—	—	1	3	11	16	—	—	1	14	1
≤ 18	8,282	187	—	6,092	1,040	963	8,686	178	—	6,093	1,366	1,049

Total trips: 21,560

SUSQUEHANNA RIVER ABOVE AND BELOW HAVRE DE GRACE, MD

	Upbound						Downbound					
Grand Total	1,859	—	—	925	934	—	1,873	—	—	933	940	—

DOMESTIC

Total	1,859	—	—	925	934	—	1,873	—	—	933	940	—
13	221	—	—	221	—	—	220	—	—	220	—	—
12	—	—	—	—	—	—	1	—	—	—	1	—
11	1	—	—	1	—	—	25	—	—	1	24	—
10	265	—	—	265	—	—	521	—	—	264	257	—
9	95	—	—	95	—	—	374	—	—	97	277	—
8	170	—	—	170	—	—	457	—	—	168	289	—
7	171	—	—	171	—	—	229	—	—	178	51	—
6	—	—	—	—	—	—	14	—	—	2	12	—
5	154	—	—	—	154	—	14	—	—	—	14	—
4	71	—	—	1	70	—	6	—	—	2	4	—

Trips and Drafts of Vessels, 2002
(draft in feet)

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

SUSQUEHANNA RIVER ABOVE AND BELOW HAVRE DE GRACE, MD - continued

Upbound							Downbound					
DOMESTIC												
3	201	—	—	1	200	—	2	—	—	1	1	—
2	505	—	—	—	505	—	7	—	—	—	7	—
1	5	—	—	—	5	—	3	—	—	—	3	—
											Total trips:	3,732

TRED AVON RIVER, MD

Upbound							Downbound					
Grand Total	6,865	6,612	—	130	123	—	6,863	6,612	—	130	121	—
DOMESTIC												
Total	6,865	6,612	—	130	123	—	6,863	6,612	—	130	121	—
13	58	—	—	58	—	—	55	—	—	55	—	—
11	—	—	—	—	—	—	2	—	—	2	—	—
10	41	—	—	30	11	—	31	—	—	31	—	—
9	35	—	—	10	25	—	10	—	—	10	—	—
8	100	—	—	26	74	—	27	—	—	27	—	—
7	17	—	—	5	12	—	5	—	—	5	—	—
≤ 6	6,614	6,612	—	1	1	—	6,733	6,612	—	—	121	—
											Total trips:	13,728

CHOPTANK RIVER, MD

Upbound							Downbound					
Grand Total	302	1	—	144	157	—	299	1	—	144	154	—
DOMESTIC												
Total	302	1	—	144	157	—	299	1	—	144	154	—
13	58	—	—	58	—	—	55	—	—	55	—	—
11	1	—	—	—	1	—	2	—	—	2	—	—
10	41	—	—	30	11	—	31	—	—	31	—	—
9	39	—	—	10	29	—	10	—	—	10	—	—
8	107	—	—	26	81	—	27	—	—	27	—	—
7	33	—	—	17	16	—	17	—	—	17	—	—
≤ 6	23	1	—	3	19	—	157	1	—	2	154	—
											Total trips:	601

NANTICOKE RIVER (INCLUDING NORTHWEST FORK), DE AND MD

Upbound							Downbound					
Grand Total	667	—	—	346	268	53	664	—	—	333	279	52
DOMESTIC												
Total	667	—	—	346	268	53	664	—	—	333	279	52
16	1	—	—	—	—	1	—	—	—	—	—	—
15	9	—	—	—	—	9	—	—	—	—	—	—
13	23	—	—	23	—	—	25	—	—	25	—	—
12	20	—	—	5	—	15	5	—	—	5	—	—
11	13	—	—	3	4	6	15	—	—	2	13	—
10	106	—	—	67	37	2	126	—	—	56	70	—
9	139	—	—	50	75	14	69	—	—	38	30	1
8	55	—	—	23	28	4	62	—	—	26	14	22
7	152	—	—	148	3	1	162	—	—	159	3	—
≤ 6	149	—	—	27	121	1	200	—	—	22	149	29
											Total trips:	1,331

Trips and Drafts of Vessels, 2002
(draft in feet)

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

WICOMICO RIVER, MD (EASTERN SHORE)

	Upbound						Downbound						
Grand Total	1,114	---	---	560	335	219	1,107	---	---	559	335	213	
DOMESTIC	Total	1,114	---	---	560	335	219	1,107	---	---	559	335	213
	16	59	---	---	---	---	59	---	---	---	---	---	---
	15	47	---	---	---	---	47	6	---	---	---	---	6
	14	72	---	---	---	---	72	3	---	---	---	---	3
	13	26	---	---	18	---	8	21	---	21	---	---	---
	12	11	---	---	7	---	4	8	---	8	---	---	---
	11	51	---	---	3	48	---	11	---	3	8	---	---
	10	442	---	---	238	177	27	238	---	228	10	---	---
	9	101	---	---	45	56	---	51	---	41	10	---	---
	8	79	---	---	62	17	---	68	---	65	3	---	---
	7	118	---	---	116	2	---	125	---	125	---	---	---
	≤ 6	108	---	---	71	35	2	576	---	68	304	204	---
										Total trips:		2,221	

POCOMOKE RIVER, MD

	Upbound						Downbound						
Grand Total	374	---	---	184	187	3	379	---	---	191	188	---	
DOMESTIC	Total	374	---	---	184	187	3	379	---	---	191	188	---
	13	21	---	---	21	---	---	21	---	21	---	---	---
	11	1	---	---	---	1	---	---	---	---	---	---	---
	10	3	---	---	---	3	---	---	---	---	---	---	---
	9	21	---	---	---	21	---	---	---	---	---	---	---
	8	164	---	---	133	31	---	172	---	138	34	---	---
	7	39	---	---	30	9	---	61	---	32	29	---	---
	≤ 6	125	---	---	---	122	3	125	---	---	125	---	---
										Total trips:		753	

WASHINGTON HARBOR, DC

	Inbound						Outbound						
Grand Total	1,173	132	---	524	512	5	1,176	132	---	528	511	5	
DOMESTIC	Total	1,173	132	---	524	512	5	1,176	132	---	528	511	5
	16	1	---	---	1	---	---	---	---	---	---	---	---
	13	2	---	---	2	---	---	---	---	2	---	---	---
	≤ 12	1,170	132	---	521	512	5	1,174	132	---	526	511	5
										Total trips:		2,349	

ANACOSTIA RIVER, DC

	Upbound						Downbound						
Grand Total	1,172	132	---	523	512	5	1,176	132	---	528	511	5	
DOMESTIC	Total	1,172	132	---	523	512	5	1,176	132	---	528	511	5
	16	1	---	---	1	---	---	---	---	---	---	---	---
	13	2	---	---	2	---	---	---	---	2	---	---	---
	≤ 12	1,169	132	---	520	512	5	1,174	132	---	526	511	5
										Total trips:		2,348	

Trips and Drafts of Vessels, 2002
(draft in feet)

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

POTOMAC RIVER BELOW WASHINGTON, DC
Upbound

Grand Total	Upbound				Downbound							
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
	2,714	284	3	1,236	936	255	2,718	285	21	1,237	924	251

FOREIGN

Total	4	1	3	—	—	—	25	3	21	1	—	—
36	1	—	1	—	—	—	—	—	—	—	—	—
32	1	—	1	—	—	—	1	—	1	—	—	—
29	—	—	—	—	—	—	2	1	1	—	—	—
28	1	—	1	—	—	—	2	—	2	—	—	—
27	—	—	—	—	—	—	1	—	1	—	—	—
25	—	—	—	—	—	—	5	—	5	—	—	—
24	—	—	—	—	—	—	6	—	6	—	—	—
23	—	—	—	—	—	—	3	—	3	—	—	—
22	—	—	—	—	—	—	1	—	1	—	—	—
21	1	1	—	—	—	—	2	1	1	—	—	—
20	—	—	—	—	—	—	1	1	—	—	—	—
≤ 18	—	—	—	—	—	—	1	—	—	1	—	—

DOMESTIC

Total	2,710	283	—	1,236	936	255	2,693	282	—	1,236	924	251
36	—	—	—	—	—	—	1	—	—	—	—	1
31	1	—	—	—	—	1	—	—	—	—	—	—
30	—	—	—	—	—	—	2	—	—	—	—	2
28	1	—	—	—	—	1	—	—	—	—	—	—
27	4	—	—	—	—	4	—	—	—	—	—	—
26	2	—	—	—	—	2	1	—	—	—	—	1
25	2	—	—	—	—	2	—	—	—	—	—	—
24	6	—	—	—	—	6	4	—	—	—	—	4
23	3	—	—	—	—	3	3	—	—	—	—	3
22	2	—	—	—	—	2	1	—	—	—	—	1
21	3	—	—	—	—	3	—	—	—	—	—	—
20	1	—	—	1	—	—	2	—	—	—	—	2
19	—	—	—	—	—	—	2	—	—	—	—	2
≤ 18	2,685	283	—	1,235	936	231	2,677	282	—	1,236	924	235
Total trips:											5,432	

OCCOQUAN CREEK, VA

Grand Total	Upbound				Downbound							
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
	674	—	—	352	322	—	670	—	—	344	326	—

DOMESTIC

Total	674	—	—	352	322	—	670	—	—	344	326	—
10	10	—	—	10	—	—	12	—	—	12	—	—
9	19	—	—	17	2	—	15	—	—	15	—	—
8	364	—	—	320	44	—	312	—	—	312	—	—
7	66	—	—	4	62	—	3	—	—	3	—	—
6	126	—	—	—	126	—	—	—	—	—	—	—
5	87	—	—	—	87	—	—	—	—	—	—	—
4	1	—	—	—	1	—	1	—	—	—	1	—
3	1	—	—	1	—	—	102	—	—	2	100	—
2	—	—	—	—	—	—	225	—	—	—	225	—
Total trips:											1,344	

ANNAPOLIS HARBOR, MD
(15 feet and less)

Grand Total	Inbound				Outbound							
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
	1,882	1,879	—	3	—	—	1,889	1,887	—	2	—	—
Total trips:											3,771	

AQUIA CREEK, VA
No Vessel Trips Reported

BACK CREEK, ANNE ARUNDEL COUNTY, MD
No Vessel Trips Reported

Trips and Drafts of Vessels, 2002
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
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 (13 feet and less)												
				Upbound							Downbound	
Grand Total	25	---	---	14	11	---	26	---	---	13	13	---
										Total trips:		51
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 No Vessel Trips Reported												
CAMBRIDGE HARBOR, MD No Vessel Trips Reported												
CHANNEL TO ISLAND CREEK, ST. GEORGE ISLAND, MD No Vessel Trips Reported												
CHESTER RIVER, MD No Vessel Trips Reported												
CLAIBORNE HARBOR, MD No Vessel Trips Reported												
COAN RIVER, VA No Vessel Trips Reported												
CORSICA RIVER, MD No Vessel Trips Reported												
CRISFIELD HARBOR, MD (6 feet and less)												
				Inbound							Outbound	
Grand Total	158	113	---	---	---	45	161	116	---	---	---	45
										Total trips:		319
CUCKOLD CREEK, MD No Vessel Trips Reported												

Trips and Drafts of Vessels, 2002
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
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												
FISHING CREEK, CALVERT COUNTY, MD (1 feet and less)												
				Upbound							Downbound	
Grand Total	2	—	—	—	2	—	2	—	—	—	2	—
											Total trips:	4
GOOSE CREEK, SOMMERSET COUNTY, MD No Vessel Trips Reported												
HERRING BAY AND ROCKHOLD CREEK, MD No Vessel Trips Reported												
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 (2 feet and less)												
				Upbound							Downbound	
Grand Total	23	23	—	—	—	—	22	22	—	—	—	—
											Total trips:	45
LITTLE CREEK, QUEEN ANNES COUNTY, MD No Vessel Trips Reported												
LITTLE WICOMICO RIVER, VA (3 feet and less)												
				Upbound							Downbound	
Grand Total	8,284	8,284	—	—	—	—	8,284	8,284	—	—	—	—
											Total trips:	16,568
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												

Trips and Drafts of Vessels, 2002
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
MIDDLE RIVER AND DARK HEAD CREEK, MD No Vessel Trips Reported												
MILL CREEK, MD No Vessel Trips Reported												
MONROE BAY AND CREEK, VA No Vessel Trips Reported												
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 (7 feet and less)												
				Inbound						Outbound		
Grand Total	2	---	---	2	---	---	1	---	---	1	---	---
										Total trips:	---	3
NEALE SOUND, MD (7 feet and less)												
				Upbound						Downbound		
Grand Total	1	---	---	1	---	---	2	---	---	2	---	---
										Total trips:	---	3
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 (9 feet and less)												
				Inbound						Outbound		
Grand Total	10	---	---	10	---	---	7	---	---	7	---	---
										Total trips:	---	17
PARISH CREEK, MD No Vessel Trips Reported												
PATUXENT RIVER, MD (14 feet and less)												
				Upbound						Downbound		
Grand Total	55	9	---	21	5	20	53	9	---	19	5	20
										Total trips:	---	108
POTOMAC RIVER AT ALEXANDRIA, VA (20 feet and less)												
				Inbound						Outbound		
Grand Total	159	151	---	8	---	---	160	152	---	8	---	---
										Total trips:	---	319
POTOMAC RIVER AT LOWER CEDAR POINT, MD No Vessel Trips Reported												

Trips and Drafts of Vessels, 2002
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
POTOMAC RIVER AT MT. VERNON, VA No Vessel Trips Reported												
POTOMAC RIVER, VIRGINIA CHANNEL, DC No Vessel Trips Reported												
POTOMAC RIVER, WASHINGTON CHANNEL, DC (9 feet and less)												
				Upbound							Downbound	
Grand Total	1	—	—	1	—	—	—	—	—	—	—	—
										Total trips:	—	1
QUEENSTOWN HARBOR, MD No Vessel Trips Reported												
RHODES POINT TO TYLERTON, SOMERSET COUNTY, MD (6 feet and less)												
				Upbound							Downbound	
Grand Total	3	—	—	—	—	3	3	—	—	—	—	—
										Total trips:	—	3
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 (2 feet and less)												
				Inbound							Outbound	
Grand Total	26	26	—	—	—	—	26	26	—	—	—	—
										Total trips:	—	52
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												

Trips and Drafts of Vessels, 2002
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
TWITCH COVE AND BIG THOROUGHFARE RIVER, MD (7 feet and less)												
	Upbound						Downbound					
Grand Total	202	152	—	5	—	45	200	151	—	4	—	45
										Total trips:		402

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

WATERWAY FROM LITTLE CHOPTANK RIVER TO CHOPTANK RIVER, MD
No Vessel Trips Reported

Trips and Drafts of Vessels, 2002
(draft in feet)

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

NORFOLK HARBOR, VA

	Upbound						Downbound					
Grand Total	33,076	25,507	328	4,501	2,260	480	33,084	25,533	319	4,495	2,257	480

FOREIGN

Total	1,940	1,835	92	7	5	1	1,954	1,861	88	2	2	1
50	—	—	—	—	—	—	14	14	—	—	—	—
47	—	—	—	—	—	—	6	6	—	—	—	—
46	1	—	1	—	—	—	4	4	—	—	—	—
45	—	—	—	—	—	—	22	22	—	—	—	—
44	—	—	—	—	—	—	7	7	—	—	—	—
43	1	1	—	—	—	—	4	4	—	—	—	—
42	1	—	1	—	—	—	4	4	—	—	—	—
41	1	—	1	—	—	—	6	6	—	—	—	—
40	5	3	2	—	—	—	7	7	—	—	—	—
39	9	5	4	—	—	—	14	14	—	—	—	—
38	17	12	5	—	—	—	15	15	—	—	—	—
37	24	23	1	—	—	—	28	28	—	—	—	—
36	62	56	6	—	—	—	56	56	—	—	—	—
35	99	92	7	—	—	—	118	117	1	—	—	—
34	191	186	5	—	—	—	191	190	1	—	—	—
33	223	222	1	—	—	—	176	173	3	—	—	—
32	367	358	9	—	—	—	390	388	2	—	—	—
31	163	159	4	—	—	—	153	150	3	—	—	—
30	149	143	6	—	—	—	146	142	4	—	—	—
29	153	153	—	—	—	—	143	138	5	—	—	—
28	90	81	9	—	—	—	98	78	20	—	—	—
27	98	94	4	—	—	—	64	59	5	—	—	—
26	58	56	2	—	—	—	54	52	2	—	—	—
25	39	38	1	—	—	—	48	33	15	—	—	—
24	32	27	3	1	1	—	29	23	6	—	—	—
23	36	31	5	—	—	—	30	25	5	—	—	—
22	21	18	3	—	—	—	22	17	5	—	—	—
21	22	19	3	—	—	—	27	21	5	—	1	—
20	20	17	1	—	2	—	17	13	4	—	—	—
19	15	13	2	—	—	—	12	12	—	—	—	—
≤ 18	43	28	6	6	2	1	49	43	2	2	1	1

DOMESTIC

Total	31,136	23,672	236	4,494	2,255	479	31,130	23,672	231	4,493	2,255	479
37	—	—	—	—	—	—	1	—	1	—	—	—
36	1	—	1	—	—	—	—	—	—	—	—	—
35	1	—	1	—	—	—	4	1	—	—	2	1
34	—	—	—	—	—	—	13	13	—	—	—	—
31	—	—	—	—	—	—	1	—	1	—	—	—
30	2	—	—	—	—	2	—	—	—	—	—	—
29	5	—	2	—	—	3	—	—	—	—	—	—
28	—	—	—	—	—	—	2	—	—	—	—	2
27	4	—	—	—	3	1	—	—	—	—	—	—
26	3	—	—	—	—	3	2	—	1	—	1	—
25	1	—	—	—	—	1	1	—	—	—	1	—
24	7	—	—	2	—	5	2	—	—	2	—	—
23	6	—	—	—	5	1	—	—	—	—	—	—
22	6	—	—	—	4	2	2	—	—	—	2	—
21	21	—	—	2	4	15	16	—	—	—	10	6
20	5	—	—	1	3	1	1	—	—	1	—	—
19	21	12	—	—	4	5	25	1	—	—	23	1
≤ 18	31,053	23,660	232	4,489	2,232	440	31,060	23,657	228	4,490	2,216	469
										Total trips:		66,160

HAMPTON ROADS, VA

	Inbound						Outbound					
Grand Total	35,151	25,966	367	5,288	2,976	554	35,171	25,997	310	5,284	3,027	553

FOREIGN

Total	2,317	2,195	107	8	5	2	2,337	2,227	103	4	2	1
50	—	—	—	—	—	—	20	20	—	—	—	—
49	—	—	—	—	—	—	1	1	—	—	—	—
48	—	—	—	—	—	—	1	1	—	—	—	—
47	—	—	—	—	—	—	7	7	—	—	—	—
46	1	—	1	—	—	—	5	5	—	—	—	—
45	—	—	—	—	—	—	28	28	—	—	—	—

Trips and Drafts of Vessels, 2002
(draft in feet)

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

HAMPTON ROADS, VA - continued

Inbound

Outbound

FOREIGN

44	1	1	—	—	—	—	11	11	—	—	—	—
43	1	1	—	—	—	—	8	8	—	—	—	—
42	1	—	1	—	—	—	7	7	—	—	—	—
41	1	—	1	—	—	—	10	10	—	—	—	—
40	5	3	2	—	—	—	10	10	—	—	—	—
39	11	7	4	—	—	—	17	17	—	—	—	—
38	20	15	5	—	—	—	18	18	—	—	—	—
37	28	27	1	—	—	—	37	37	—	—	—	—
36	67	60	7	—	—	—	63	63	—	—	—	—
35	107	100	7	—	—	—	126	125	1	—	—	—
34	199	194	5	—	—	—	200	199	1	—	—	—
33	241	240	1	—	—	—	197	194	3	—	—	—
32	396	387	9	—	—	—	405	403	2	—	—	—
31	181	176	5	—	—	—	173	170	3	—	—	—
30	179	168	11	—	—	—	166	161	5	—	—	—
29	163	161	2	—	—	—	149	144	5	—	—	—
28	108	99	9	—	—	—	121	97	24	—	—	—
27	119	113	6	—	—	—	85	75	10	—	—	—
26	82	78	4	—	—	—	75	71	4	—	—	—
25	59	57	2	—	—	—	63	47	16	—	—	—
24	54	49	3	1	—	1	49	43	6	—	—	—
23	65	59	6	—	—	—	48	42	6	—	—	—
22	44	40	3	1	—	—	44	39	5	—	—	—
21	42	39	3	—	—	—	48	42	5	—	1	—
20	34	30	1	—	—	2	48	44	4	—	—	—
19	31	29	2	—	—	—	21	21	—	—	—	—
≤ 18	77	62	6	6	2	1	76	67	3	4	1	1

DOMESTIC

Total	32,834	23,771	260	5,280	2,971	552	32,834	23,770	207	5,280	3,025	552
37	—	—	—	—	—	—	1	—	1	—	—	—
36	1	—	1	—	—	—	—	—	—	—	—	—
35	1	—	1	—	—	—	4	1	—	—	2	1
34	—	—	—	—	—	—	52	52	—	—	—	—
31	—	—	—	—	—	—	1	—	1	—	—	—
30	2	—	—	—	—	2	—	—	—	—	—	—
29	5	—	2	—	—	3	—	—	—	—	—	—
28	—	—	—	—	—	—	2	—	—	—	—	2
27	4	—	—	—	3	1	—	—	—	—	—	—
26	3	—	—	—	—	3	2	—	1	—	1	—
25	1	—	—	—	—	1	1	—	—	—	1	—
24	7	—	—	2	—	5	2	—	—	2	—	—
23	6	—	—	—	5	1	—	—	—	—	—	—
22	7	—	—	—	4	3	234	—	—	—	234	—
21	21	—	—	2	4	15	302	—	—	—	296	6
20	5	—	—	1	3	1	5	—	—	1	4	—
19	60	51	—	—	4	5	25	—	—	—	24	1
≤ 18	32,711	23,720	256	5,275	2,948	512	32,203	23,717	204	5,277	2,463	542
Total trips:												70,322

CHANNEL TO NEWPORT NEWS, VA

Upbound

Downbound

Grand Total	8,932	635	42	5,059	2,917	279	8,916	628	41	5,060	2,917	270
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FOREIGN

Total	482	462	18	1	—	1	474	454	18	2	—	—
50	—	—	—	—	—	—	6	6	—	—	—	—
49	—	—	—	—	—	—	1	1	—	—	—	—
48	—	—	—	—	—	—	1	1	—	—	—	—
47	—	—	—	—	—	—	1	1	—	—	—	—
46	—	—	—	—	—	—	1	1	—	—	—	—
45	—	—	—	—	—	—	6	6	—	—	—	—
44	1	1	—	—	—	—	4	4	—	—	—	—
43	—	—	—	—	—	—	4	4	—	—	—	—
42	—	—	—	—	—	—	3	3	—	—	—	—
41	—	—	—	—	—	—	4	4	—	—	—	—
40	—	—	—	—	—	—	3	3	—	—	—	—
39	2	2	—	—	—	—	3	3	—	—	—	—
38	3	3	—	—	—	—	3	3	—	—	—	—
37	4	4	—	—	—	—	9	9	—	—	—	—

Trips and Drafts of Vessels, 2002
(draft in feet)

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

CHANNEL TO NEWPORT NEWS, VA - continued
Upbound

Downbound

FOREIGN

36	5	4	1	—	—	—	7	7	—	—	—	—
35	8	8	—	—	—	—	8	8	—	—	—	—
34	8	8	—	—	—	—	9	9	—	—	—	—
33	18	18	—	—	—	—	21	21	—	—	—	—
32	29	29	—	—	—	—	15	15	—	—	—	—
31	18	17	1	—	—	—	20	20	—	—	—	—
30	30	25	5	—	—	—	20	19	1	—	—	—
29	10	8	2	—	—	—	6	6	—	—	—	—
28	18	18	—	—	—	—	31	27	4	—	—	—
27	21	19	2	—	—	—	21	16	5	—	—	—
26	24	22	2	—	—	—	21	19	2	—	—	—
25	20	19	1	—	—	—	15	14	1	—	—	—
24	25	23	2	—	—	—	28	28	—	—	—	—
23	30	28	2	—	—	—	21	20	1	—	—	—
22	28	27	—	1	—	—	29	28	1	—	—	—
21	33	33	—	—	—	—	41	41	—	—	—	—
20	62	61	—	—	—	1	71	70	1	—	—	—
19	29	29	—	—	—	—	10	9	1	—	—	—
≤ 18	56	56	—	—	—	—	31	28	1	2	—	—

DOMESTIC

Total	8,450	173	24	5,058	2,917	278	8,442	174	23	5,058	2,917	270
34	—	—	—	—	—	—	39	39	—	—	—	—
22	1	—	—	—	—	1	231	—	—	—	231	—
21	—	—	—	—	—	—	289	—	—	—	289	—
20	1	—	—	—	—	1	7	—	—	—	7	—
19	39	39	—	—	—	—	1	—	—	—	1	—
≤ 18	8,409	134	24	5,058	2,917	276	7,875	135	23	5,058	2,389	270
										Total trips:		17,848

PORT OF NEWPORT NEWS, VA

Inbound

Outbound

Grand Total	3,833	459	39	2,691	536	108	3,842	465	38	2,692	534	113
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FOREIGN

Total	377	360	15	1	—	1	383	366	15	2	—	—
50	—	—	—	—	—	—	6	6	—	—	—	—
49	—	—	—	—	—	—	1	1	—	—	—	—
48	—	—	—	—	—	—	1	1	—	—	—	—
47	—	—	—	—	—	—	1	1	—	—	—	—
46	—	—	—	—	—	—	1	1	—	—	—	—
45	—	—	—	—	—	—	6	6	—	—	—	—
44	1	1	—	—	—	—	4	4	—	—	—	—
43	—	—	—	—	—	—	4	4	—	—	—	—
42	—	—	—	—	—	—	3	3	—	—	—	—
41	—	—	—	—	—	—	4	4	—	—	—	—
40	—	—	—	—	—	—	3	3	—	—	—	—
39	2	2	—	—	—	—	3	3	—	—	—	—
38	3	3	—	—	—	—	3	3	—	—	—	—
37	4	4	—	—	—	—	9	9	—	—	—	—
36	5	4	1	—	—	—	7	7	—	—	—	—
35	8	8	—	—	—	—	8	8	—	—	—	—
34	8	8	—	—	—	—	9	9	—	—	—	—
33	18	18	—	—	—	—	21	21	—	—	—	—
32	29	29	—	—	—	—	15	15	—	—	—	—
31	18	17	1	—	—	—	20	20	—	—	—	—
30	30	25	5	—	—	—	20	19	1	—	—	—
29	10	8	2	—	—	—	6	6	—	—	—	—
28	18	18	—	—	—	—	23	19	4	—	—	—
27	21	19	2	—	—	—	21	16	5	—	—	—
26	24	22	2	—	—	—	21	19	2	—	—	—
25	20	19	1	—	—	—	15	14	1	—	—	—
24	22	22	—	—	—	—	20	20	—	—	—	—
23	29	28	1	—	—	—	18	17	1	—	—	—
22	23	22	—	1	—	—	22	22	—	—	—	—
21	20	20	—	—	—	—	21	21	—	—	—	—
20	14	13	—	—	—	1	31	31	—	—	—	—
19	16	16	—	—	—	—	9	9	—	—	—	—
≤ 18	34	34	—	—	—	—	27	24	1	2	—	—

Trips and Drafts of Vessels, 2002
(draft in feet)

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

PORT OF NEWPORT NEWS, VA - continued
Inbound

Outbound

DOMESTIC

Total	3,456	99	24	2,690	536	107	3,459	99	23	2,690	534	113
34	—	—	—	—	—	—	39	39	—	—	—	—
22	1	—	—	—	—	1	232	—	—	—	232	—
21	—	—	—	—	—	—	286	—	—	—	286	—
20	—	—	—	—	—	—	4	—	—	—	4	—
19	39	39	—	—	—	—	1	—	—	—	1	—
≤ 18	3,416	60	24	2,690	536	106	2,897	60	23	2,690	11	113
										Total trips:		7,675

PORT OF RICHMOND, VA

Inbound

Outbound

Grand Total	1,588	63	—	772	677	76	1,596	62	—	777	677	80
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FOREIGN

Total	61	61	—	—	—	—	60	60	—	—	—	—
22	3	3	—	—	—	—	1	1	—	—	—	—
21	9	9	—	—	—	—	18	18	—	—	—	—
20	40	40	—	—	—	—	38	38	—	—	—	—
19	9	9	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	1	1	—	—	—	—
16	—	—	—	—	—	—	1	1	—	—	—	—
15	—	—	—	—	—	—	1	1	—	—	—	—

DOMESTIC

Total	1,527	2	—	772	677	76	1,536	2	—	777	677	80
17	4	—	—	—	—	4	—	—	—	—	—	—
16	5	—	—	—	—	5	1	—	—	—	—	1
15	20	—	—	1	—	19	26	—	—	1	—	25
14	1	—	—	—	—	1	16	—	—	—	—	16
13	2	—	—	2	—	—	11	—	—	4	—	7
≤ 12	1,495	2	—	769	677	47	1,482	2	—	772	677	31
										Total trips:		3,184

PORT OF HOPEWELL, VA

Inbound

Outbound

Grand Total	471	41	3	218	81	128	452	28	3	222	88	111
--------------------	------------	-----------	----------	------------	-----------	------------	------------	-----------	----------	------------	-----------	------------

FOREIGN

Total	44	41	3	—	—	—	31	28	3	—	—	—
28	—	—	—	—	—	—	8	8	—	—	—	—
24	3	1	2	—	—	—	8	8	—	—	—	—
23	1	—	1	—	—	—	3	3	—	—	—	—
22	2	2	—	—	—	—	6	5	1	—	—	—
21	4	4	—	—	—	—	2	2	—	—	—	—
20	8	8	—	—	—	—	2	1	1	—	—	—
19	4	4	—	—	—	—	1	—	1	—	—	—
18	6	6	—	—	—	—	1	1	—	—	—	—
17	1	1	—	—	—	—	—	—	—	—	—	—
16	1	1	—	—	—	—	—	—	—	—	—	—
15	8	8	—	—	—	—	—	—	—	—	—	—
14	2	2	—	—	—	—	—	—	—	—	—	—
13	1	1	—	—	—	—	—	—	—	—	—	—
≤ 12	3	3	—	—	—	—	—	—	—	—	—	—

DOMESTIC

Total	427	—	—	218	81	128	421	—	—	222	88	111
21	—	—	—	—	—	—	3	—	—	—	3	—
20	1	—	—	—	—	1	3	—	—	—	3	—
18	—	—	—	—	—	—	3	—	—	—	3	—
16	3	—	—	1	—	2	2	—	—	1	—	1
15	9	—	—	—	—	9	—	—	—	—	—	—

Trips and Drafts of Vessels, 2002
(draft in feet)

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

PORT OF HOPEWELL, VA - continued

	Inbound						Outbound					
14	5	—	—	2	—	3	55	—	—	2	53	—
13	60	—	—	3	—	57	3	—	—	3	—	—
≤ 12	349	—	—	212	81	56	352	—	—	216	26	110
										Total trips:		923

JAMES RIVER, VA

	Upbound						Downbound					
Grand Total	23,220	16,255	3	3,394	3,368	200	23,196	16,242	3	3,395	3,367	189

FOREIGN

Total	105	102	3	—	—	—	91	88	3	—	—	—
28	—	—	—	—	—	—	8	8	—	—	—	—
24	3	1	2	—	—	—	8	8	—	—	—	—
23	1	—	1	—	—	—	3	3	—	—	—	—
22	5	5	—	—	—	—	7	6	1	—	—	—
21	13	13	—	—	—	—	20	20	—	—	—	—
20	48	48	—	—	—	—	40	39	1	—	—	—
19	13	13	—	—	—	—	1	—	1	—	—	—
18	6	6	—	—	—	—	1	1	—	—	—	—
17	1	1	—	—	—	—	1	1	—	—	—	—
16	1	1	—	—	—	—	1	1	—	—	—	—
15	8	8	—	—	—	—	1	1	—	—	—	—
14	2	2	—	—	—	—	—	—	—	—	—	—
13	1	1	—	—	—	—	—	—	—	—	—	—
≤ 12	3	3	—	—	—	—	—	—	—	—	—	—

DOMESTIC

Total	23,115	16,153	—	3,394	3,368	200	23,105	16,154	—	3,395	3,367	189
21	—	—	—	—	—	—	3	—	—	—	3	—
20	1	—	—	—	—	1	3	—	—	—	3	—
18	—	—	—	—	—	—	3	—	—	—	3	—
17	4	—	—	—	—	4	—	—	—	—	—	—
16	8	—	—	1	—	7	3	—	—	1	—	2
15	27	—	—	1	—	26	26	—	—	1	—	25
14	5	—	—	2	—	3	71	—	—	2	53	16
13	61	—	—	5	—	56	14	—	—	7	—	7
≤ 12	23,009	16,153	—	3,385	3,368	103	22,982	16,154	—	3,384	3,305	139
										Total trips:		46,416

APPOMATTOX RIVER, VA

	Upbound						Downbound					
Grand Total	6,029	—	—	2,944	3,085	—	6,029	—	—	2,989	3,040	—

DOMESTIC

Total	6,029	—	—	2,944	3,085	—	6,029	—	—	2,989	3,040	—
9	1,235	—	—	1,235	—	—	1,232	—	—	1,232	—	—
8	975	—	—	975	—	—	1,175	—	—	1,010	165	—
7	540	—	—	540	—	—	1,121	—	—	540	581	—
6	72	—	—	72	—	—	1,851	—	—	72	1,779	—
5	—	—	—	—	—	—	464	—	—	—	464	—
4	124	—	—	122	2	—	129	—	—	122	7	—
3	—	—	—	—	—	—	4	—	—	—	4	—
2	3,013	—	—	—	3,013	—	28	—	—	—	28	—
1	70	—	—	—	70	—	25	—	—	13	12	—
										Total trips:		12,058

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

	Upbound						Downbound					
Grand Total	1,355	2	—	714	618	21	1,344	3	—	714	604	23

DOMESTIC

Total	1,355	2	—	714	618	21	1,344	3	—	714	604	23
12	3	—	—	—	—	3	6	—	—	1	—	5
11	5	—	—	—	5	—	—	—	—	—	—	—

Trips and Drafts of Vessels, 2002
(draft in feet)

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

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

Upbound							Downbound					
DOMESTIC												
10	33	—	—	11	21	1	12	—	—	5	—	7
9	199	—	—	184	8	7	191	—	—	180	7	4
8	134	—	—	134	—	—	135	—	—	132	—	3
7	352	—	—	351	1	—	359	—	—	359	—	—
≤ 6	629	2	—	34	583	10	641	3	—	37	597	4
											Total trips:	2,699

PAMUNKEY RIVER, VA

Upbound							Downbound					
DOMESTIC												
Grand Total	389	—	—	204	119	66	391	—	—	204	132	55
Total	389	—	—	204	119	66	391	—	—	204	132	55
12	27	—	—	25	—	2	15	—	—	15	—	—
11	1	—	—	1	—	—	3	—	—	1	2	—
10	8	—	—	6	—	2	2	—	—	1	1	—
9	2	—	—	2	—	—	2	—	—	2	—	—
8	234	—	—	160	26	48	160	—	—	160	—	—
7	45	—	—	3	28	14	23	—	—	23	—	—
≤ 6	72	—	—	7	65	—	186	—	—	2	129	55
											Total trips:	780

YORK RIVER, VA

Upbound							Downbound					
FOREIGN												
Grand Total	1,475	7	32	712	145	579	1,467	8	40	682	151	586
Total	27	5	20	1	1	—	35	6	29	—	—	—
38	1	—	1	—	—	—	—	—	—	—	—	—
36	11	—	11	—	—	—	—	—	—	—	—	—
35	3	—	3	—	—	—	—	—	—	—	—	—
34	1	—	1	—	—	—	—	—	—	—	—	—
33	2	—	2	—	—	—	—	—	—	—	—	—
32	—	—	—	—	—	—	2	—	2	—	—	—
31	—	—	—	—	—	—	1	—	1	—	—	—
30	—	—	—	—	—	—	4	—	4	—	—	—
29	1	—	1	—	—	—	3	—	3	—	—	—
28	1	—	1	—	—	—	13	1	12	—	—	—
27	—	—	—	—	—	—	2	—	2	—	—	—
26	—	—	—	—	—	—	2	—	2	—	—	—
25	—	—	—	—	—	—	1	—	1	—	—	—
24	—	—	—	—	—	—	1	—	1	—	—	—
23	—	—	—	—	—	—	2	1	1	—	—	—
22	1	1	—	—	—	—	1	1	—	—	—	—
20	2	2	—	—	—	—	2	2	—	—	—	—
19	1	1	—	—	—	—	—	—	—	—	—	—
≤ 18	3	1	—	1	1	—	1	1	—	—	—	—

DOMESTIC

Total	1,448	2	12	711	144	579	1,432	2	11	682	151	586
35	3	—	2	—	—	1	—	—	—	—	—	—
32	—	—	—	—	—	—	1	—	—	—	—	1
30	1	—	—	—	—	1	1	—	—	—	—	1
29	1	—	1	—	—	—	22	—	1	—	—	21
28	2	—	—	—	—	2	—	—	—	—	—	—
27	2	—	—	—	—	2	—	—	—	—	—	—
26	1	—	—	—	—	1	1	—	—	—	—	1
25	1	—	—	—	—	1	7	—	—	—	—	7
24	2	—	—	—	—	2	10	—	—	—	—	10
23	1	—	—	—	—	1	9	—	—	—	—	9
22	1	—	—	—	—	1	4	—	—	—	—	4
21	1	—	1	—	—	—	4	—	1	—	—	3
20	1	—	—	1	—	—	2	—	—	1	—	1

Trips and Drafts of Vessels, 2002
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
YORK RIVER, VA - continued												
				Upbound						Downbound		
DOMESTIC												
19 ≤ 18	1 1,430	— 2	— 8	— 710	— 144	1 566	9 1,362	— 2	— 9	— 681	— 151	9 519
										Total trips:		2,942
RAPPAHANNOCK RIVER, VA												
				Upbound						Downbound		
Grand Total												
	302	—	—	101	201	—	305	—	—	104	201	—
DOMESTIC												
Total	302	—	—	101	201	—	305	—	—	104	201	—
8	153	—	—	2	151	—	125	—	—	2	123	—
7	52	—	—	51	1	—	51	—	—	51	—	—
≤ 6	97	—	—	48	49	—	129	—	—	51	78	—
										Total trips:		607
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												
(8 feet and less)												
				Upbound						Downbound		
Grand Total												
	26	—	—	16	10	—	23	—	—	13	10	—
										Total trips:		49
BEACH CREEK, VA												
No Vessel Trips Reported												
BROAD CREEK, VA												
(6 feet and less)												
				Upbound						Downbound		
Grand Total												
	2	—	—	2	—	—	2	—	—	2	—	—
										Total trips:		4
CAPE CHARLES CITY HARBOR, VA												
(13 feet and less)												
				Inbound						Outbound		
Grand Total												
	812	—	—	182	630	—	805	—	—	176	629	—
										Total trips:		1,617
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, 2002
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
CHINCOTEAGUE BAY, MD AND VA (5 feet and less)												
				Upbound						Downbound		
Grand Total	1	—	—	—	1	—	1	—	—	—	1	—
										Total trips:	2	
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 (6 feet and less)												
				Upbound						Downbound		
Grand Total	193	127	—	4	62	—	190	127	—	2	61	—
										Total trips:	383	
DYMERS CREEK, VA No Vessel Trips Reported												
GREENVALE CREEK, VA No Vessel Trips Reported												
HAMPTON CREEK, VA (9 feet and less)												
				Upbound						Downbound		
Grand Total	423	—	—	213	209	1	422	—	—	212	209	1
										Total trips:	845	
HORN HARBOR, VA No Vessel Trips Reported												
HOSKINS CREEK, VA (10 feet and less)												
				Upbound						Downbound		
Grand Total	183	—	—	90	93	—	194	—	—	92	102	—
										Total trips:	377	
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, 2002
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
LITTLE RIVER (CREEK), VA (21 feet and less)												
				Upbound							Downbound	
Grand Total	353	33	37	147	136	—	355	33	30	155	137	—
										Total trips:		708
LOCKLIES CREEK, VA No Vessel Trips Reported												
LYNHAVEN ROADS, INLET, AND CONNECTING WATERS, VA (9 feet and less)												
				Upbound							Downbound	
Grand Total	240	47	—	7	186	—	233	44	—	3	186	—
										Total trips:		473
MATTAPONI RIVER, VA No Vessel Trips Reported												
MEHERRIN RIVER, NC No Vessel Trips Reported												
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 (9 feet and less)												
				Upbound							Downbound	
Grand Total	48	—	—	48	—	—	47	—	—	45	—	2
										Total trips:		95
OCCOHANNOCK CREEK, VA No Vessel Trips Reported												
ONANCOCK RIVER, VA (9 feet and less)												
				Upbound							Downbound	
Grand Total	22	—	—	2	20	—	19	—	—	—	19	—
										Total trips:		41
OYSTER CHANNEL, VA No Vessel Trips Reported												
PAGAN RIVER, VA No Vessel Trips Reported												
PARKER CREEK, VA No Vessel Trips Reported												

Trips and Drafts of Vessels, 2002
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels		
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	
PARROTTS CREEK, VA No Vessel Trips Reported													
QUEENS CREEK, VA No Vessel Trips Reported													
QUINBY CREEK, VA No Vessel Trips Reported													
STARLINGS CREEK, VA No Vessel Trips Reported													
TANGIER CHANNEL, VA (8 feet and less)													
			Upbound						Downbound				
Grand Total	14	---	14	---	---	---	13	---	13	---	---	---	
											Total trips:	27	
TOTUSKEY CREEK, VA No Vessel Trips Reported													
TYLERS BEACH, VA No Vessel Trips Reported													
URBANNA CREEK, VA No Vessel Trips Reported													
WILLOUGHBY CHANNEL, VA No Vessel Trips Reported													
WINTER HARBOR, VA (7 feet and less)													
			Inbound						Outbound				
Grand Total	6	---	---	6	---	---	6	---	---	6	---	---	
											Total trips:	12	
WISHART POINT CHANNEL, VA No Vessel Trips Reported													

Trips and Drafts of Vessels, 2002
(draft in feet)

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

PAMLICO AND TAR RIVERS, NC

	Upbound						Downbound					
Grand Total	3,303	2,697	---	294	116	196	3,262	2,635	---	309	117	201
DOMESTIC												
Total	3,303	2,697	---	294	116	196	3,262	2,635	---	309	117	201
10	13	---	---	1	12	---	28	---	---	5	20	3
9	140	---	---	28	---	112	166	---	---	40	86	40
8	163	---	---	154	---	9	237	---	---	236	---	1
7	2,706	2,697	---	9	---	---	2,650	2,635	---	14	---	1
≤ 6	281	---	---	102	104	75	181	---	---	14	11	156
										Total trips:		6,565

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

	Upbound						Downbound					
Grand Total	5,965	4,957	---	539	208	261	5,966	4,958	---	539	208	261
DOMESTIC												
Total	5,965	4,957	---	539	208	261	5,966	4,958	---	539	208	261
12	29	20	---	---	---	9	2	---	---	---	---	2
11	8	3	---	---	5	---	---	---	---	---	---	---
10	50	5	---	10	33	2	23	---	---	3	20	---
9	155	5	---	20	8	122	181	---	---	47	90	44
8	240	2	---	205	---	33	308	19	---	281	1	7
7	2,201	2,072	---	107	22	---	1,994	1,890	---	102	1	1
≤ 6	3,282	2,850	---	197	140	95	3,458	3,049	---	106	96	207
										Total trips:		11,931

MOREHEAD CITY HARBOR, NC

	Inbound						Outbound					
Grand Total	793	86	39	318	147	203	794	87	39	319	147	202
FOREIGN												
Total	122	84	38	---	---	---	123	85	38	---	---	---
42	---	---	---	---	---	---	1	1	---	---	---	---
40	1	1	---	---	---	---	4	4	---	---	---	---
39	3	3	---	---	---	---	---	---	---	---	---	---
38	---	---	---	---	---	---	1	1	---	---	---	---
37	1	---	1	---	---	---	3	3	---	---	---	---
36	6	1	5	---	---	---	4	3	1	---	---	---
35	2	---	2	---	---	---	2	---	2	---	---	---
34	2	1	1	---	---	---	3	1	2	---	---	---
33	2	---	2	---	---	---	1	1	---	---	---	---
32	4	4	---	---	---	---	5	2	3	---	---	---
31	6	5	1	---	---	---	2	2	---	---	---	---
30	8	7	1	---	---	---	7	5	2	---	---	---
29	8	4	4	---	---	---	5	4	1	---	---	---
28	15	11	4	---	---	---	9	3	6	---	---	---
27	5	4	1	---	---	---	3	2	1	---	---	---
26	12	8	4	---	---	---	11	10	1	---	---	---
25	6	4	2	---	---	---	3	2	1	---	---	---
24	5	4	1	---	---	---	2	2	---	---	---	---
23	3	1	2	---	---	---	3	1	2	---	---	---
22	5	4	1	---	---	---	9	6	3	---	---	---
21	1	1	---	---	---	---	1	---	1	---	---	---
20	5	3	2	---	---	---	12	9	3	---	---	---
19	3	3	---	---	---	---	3	2	1	---	---	---
≤ 18	19	15	4	---	---	---	29	21	8	---	---	---
DOMESTIC												
Total	671	2	1	318	147	203	671	2	1	319	147	202
30	1	---	1	---	---	---	---	---	---	---	---	---
21	2	---	---	1	1	---	1	---	1	---	---	---
19	1	---	---	---	---	1	---	---	---	---	---	---
≤ 18	667	2	---	317	146	202	670	2	---	319	147	202
										Total trips:		1,587

Trips and Drafts of Vessels, 2002
(draft in feet)

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

PORT OF WILMINGTON, NC

Grand Total	Inbound						Outbound					
	17,765	14,974	179	1,207	969	436	17,749	14,978	170	1,205	960	436

FOREIGN

Total	471	315	152	2	2	—	472	320	148	2	2	—
37	4	4	—	—	—	—	11	11	—	—	—	—
36	14	12	2	—	—	—	18	18	—	—	—	—
35	14	13	1	—	—	—	21	21	—	—	—	—
34	28	27	1	—	—	—	22	22	—	—	—	—
33	31	25	6	—	—	—	12	11	1	—	—	—
32	21	12	9	—	—	—	16	15	1	—	—	—
31	24	12	12	—	—	—	14	14	—	—	—	—
30	22	15	7	—	—	—	20	16	4	—	—	—
29	34	18	16	—	—	—	21	18	3	—	—	—
28	49	23	26	—	—	—	26	16	10	—	—	—
27	29	18	11	—	—	—	29	17	12	—	—	—
26	39	16	23	—	—	—	35	19	16	—	—	—
25	35	23	12	—	—	—	33	23	9	1	—	—
24	33	20	12	1	—	—	40	16	24	—	—	—
23	18	10	8	—	—	—	28	16	12	—	—	—
22	12	10	2	—	—	—	37	18	19	—	—	—
21	12	9	3	—	—	—	19	8	11	—	—	—
20	13	12	1	—	—	—	9	5	4	—	—	—
19	6	6	—	—	—	—	11	4	6	—	—	—
≤ 18	33	30	—	1	2	—	50	32	16	1	1	—

DOMESTIC

Total	17,294	14,659	27	1,205	967	436	17,277	14,658	22	1,203	958	436
38	1	—	1	—	—	—	—	—	—	—	—	—
36	4	—	—	—	—	4	—	—	—	—	—	—
35	1	—	—	—	—	1	—	—	—	—	—	—
34	7	—	2	—	—	5	3	—	3	—	—	—
33	5	—	—	—	—	5	—	—	—	—	—	—
32	26	—	3	22	—	1	20	—	1	19	—	—
31	1	—	—	—	—	1	1	—	—	—	—	1
30	8	—	4	—	—	4	6	—	4	—	—	2
29	3	—	1	1	—	1	2	—	—	2	—	—
28	26	21	2	—	—	3	30	23	3	—	—	4
27	2	—	2	—	—	—	2	—	1	—	—	1
26	1	—	—	—	—	1	3	—	1	—	—	2
25	2	—	—	—	—	2	6	—	—	—	—	6
24	11	—	2	—	—	9	4	—	2	—	—	2
23	4	—	—	—	—	4	1	—	—	—	—	1
22	1	—	—	—	—	1	—	—	—	—	—	—
21	7	—	3	3	—	1	4	—	2	2	—	—
20	7	—	—	2	—	5	3	—	—	2	—	1
19	4	—	1	—	—	3	2	—	—	—	—	2
≤ 18	17,173	14,638	6	1,177	967	385	17,190	14,635	5	1,178	958	414
										Total trips:		35,514

WILMINGTON HARBOR, NC (SEE ALSO PORT OF WILMINGTON, NC FOR PORT DATA)

Grand Total	Upbound						Downbound					
	18,377	15,326	218	1,347	1,011	475	18,375	15,332	209	1,347	1,008	479

FOREIGN

Total	532	339	189	2	2	—	538	345	189	2	2	—
37	4	4	—	—	—	—	11	11	—	—	—	—
36	14	12	2	—	—	—	18	18	—	—	—	—
35	13	13	—	—	—	—	21	21	—	—	—	—
34	29	27	2	—	—	—	22	22	—	—	—	—
33	32	25	7	—	—	—	12	11	1	—	—	—
32	24	12	12	—	—	—	16	15	1	—	—	—
31	24	12	12	—	—	—	14	14	—	—	—	—
30	22	15	7	—	—	—	21	16	5	—	—	—
29	34	18	16	—	—	—	21	18	3	—	—	—
28	71	33	38	—	—	—	34	19	15	—	—	—
27	33	18	15	—	—	—	33	18	15	—	—	—
26	45	17	28	—	—	—	38	21	17	—	—	—
25	40	24	16	—	—	—	41	25	15	1	—	—
24	34	20	13	1	—	—	42	16	26	—	—	—
23	25	13	12	—	—	—	32	18	14	—	—	—

Trips and Drafts of Vessels, 2002
(draft in feet)

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

WILMINGTON HARBOR, NC (SEE ALSO PORT OF WILMINGTON, NC FOR PORT DATA) - continued

	Upbound						Downbound					
FOREIGN												
22	14	11	3	—	—	—	46	19	27	—	—	—
21	12	9	3	—	—	—	23	8	15	—	—	—
20	14	12	2	—	—	—	13	8	5	—	—	—
19	7	7	—	—	—	—	15	5	9	—	1	—
≤ 18	41	37	1	1	2	—	65	42	21	1	1	—
DOMESTIC												
Total	17,845	14,987	29	1,345	1,009	475	17,837	14,987	20	1,345	1,006	479
38	1	—	1	—	—	—	—	—	—	—	—	—
36	4	—	—	—	—	4	—	—	—	—	—	—
35	1	—	—	—	—	1	—	—	—	—	—	—
34	7	—	2	—	—	5	3	—	3	—	—	—
33	5	—	—	—	—	5	—	—	—	—	—	—
32	30	—	3	26	—	1	16	—	1	15	—	—
31	2	—	—	—	—	2	—	—	—	—	—	—
30	10	—	5	—	—	5	4	—	3	—	—	1
29	3	—	1	1	—	1	2	—	—	2	—	—
28	33	23	2	—	—	8	27	21	3	—	—	3
27	2	—	2	—	—	—	2	—	1	—	—	1
26	1	—	—	—	—	1	3	—	1	—	—	2
25	3	—	—	—	—	3	5	—	—	—	—	5
24	19	—	2	—	—	17	2	—	2	—	—	—
23	5	—	—	—	—	5	—	—	—	—	—	—
22	2	—	—	—	—	2	—	—	—	—	—	—
21	14	—	4	8	—	2	5	—	1	4	—	—
20	10	—	—	3	—	7	6	—	—	2	—	4
19	7	—	1	—	—	6	4	—	—	—	—	4
≤ 18	17,686	14,964	6	1,307	1,009	400	17,758	14,966	5	1,322	1,006	459
Total trips:											36,752	

NORTHEAST (CAPE FEAR) RIVER, NC

	Upbound						Downbound					
Grand Total	591	24	27	256	1	283	587	25	30	255	1	276
FOREIGN												
Total	51	24	27	—	—	—	55	25	30	—	—	—
28	21	10	11	—	—	—	6	3	3	—	—	—
27	4	—	4	—	—	—	4	1	3	—	—	—
26	2	1	1	—	—	—	3	2	1	—	—	—
25	5	1	4	—	—	—	6	2	4	—	—	—
24	1	—	1	—	—	—	2	—	2	—	—	—
23	7	3	4	—	—	—	4	2	2	—	—	—
22	1	1	—	—	—	—	8	1	7	—	—	—
21	—	—	—	—	—	—	4	—	4	—	—	—
20	1	—	1	—	—	—	3	3	—	—	—	—
19	1	1	—	—	—	—	4	1	3	—	—	—
18	2	2	—	—	—	—	2	1	1	—	—	—
16	4	3	1	—	—	—	1	1	—	—	—	—
14	2	2	—	—	—	—	2	2	—	—	—	—
12	—	—	—	—	—	—	2	2	—	—	—	—
10	—	—	—	—	—	—	4	4	—	—	—	—
DOMESTIC												
Total	540	—	—	256	1	283	532	—	—	255	1	276
28	6	—	—	—	—	6	—	—	—	—	—	—
24	12	—	—	—	—	12	2	—	—	—	—	2
23	1	—	—	—	—	1	—	—	—	—	—	—
22	1	—	—	—	—	1	—	—	—	—	—	—
21	6	—	—	5	—	1	3	—	—	3	—	—
20	4	—	—	1	—	3	4	—	—	1	—	3
19	4	—	—	—	—	4	2	—	—	—	—	2
18	1	—	—	—	1	—	1	—	—	—	1	—
17	2	—	—	—	—	2	—	—	—	—	—	—
16	3	—	—	1	—	2	1	—	—	1	—	—
15	17	—	—	14	—	3	7	—	—	7	—	—
14	9	—	—	4	—	5	6	—	—	3	—	3
13	4	—	—	4	—	—	4	—	—	4	—	—
12	7	—	—	5	—	2	4	—	—	4	—	—
11	7	—	—	1	—	6	1	—	—	1	—	—

Trips and Drafts of Vessels, 2002
(draft in feet)

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

NORTHEAST (CAPE FEAR) RIVER, NC - continued
Upbound

Downbound

DOMESTIC

10	89	—	—	1	—	88	1	—	—	—	—	1
9	12	—	—	1	—	11	—	—	—	—	—	—
8	63	—	—	—	—	63	6	—	—	—	—	6
7	214	—	—	210	—	4	237	—	—	230	—	7
6	15	—	—	8	—	7	4	—	—	1	—	3
5	14	—	—	—	—	14	1	—	—	—	—	1
4	9	—	—	—	—	9	3	—	—	—	—	3
3	39	—	—	—	—	39	245	—	—	—	—	245
2	1	—	—	1	—	—	—	—	—	—	—	—
											Total trips:	1,178

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	59	51	—	8	—	—	58	51	—	7	—	—
											Total trips:	117

BELHAVEN HARBOR, NC
(11 feet and less)

	Inbound						Outbound					
Grand Total	20	—	—	9	11	—	20	—	—	9	11	—
											Total trips:	40

CAPE FEAR RIVER ABOVE WILMINGTON, NC
(12 feet and less)

	Upbound						Downbound					
Grand Total	224	—	—	120	22	82	222	—	—	121	22	79
											Total trips:	446

CASHIE RIVER, NC
No Vessel Trips Reported

CHANNEL CONNECTING THOROUGHFARE BAY WITH CEDAR BAY, NC
(7 feet and less)

	Upbound						Downbound					
Grand Total	217	217	—	—	—	—	217	217	—	—	—	—
											Total trips:	434

CHANNEL FROM BACK SOUND TO LOOKOUT BIGHT, NC
No Vessel Trips Reported

CHANNEL FROM PAMLICO SOUND TO RODANTHE, NC
No Vessel Trips Reported

CHANNEL TO BOGUE INLET, NC
No Vessel Trips Reported

Trips and Drafts of Vessels, 2002
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
CHOWAN RIVER, NC (8 feet and less)												
				Upbound						Downbound		
Grand Total	35	—	—	34	1	—	40	—	—	39	1	—
										Total trips:		75
DRUM INLET, NC No Vessel Trips Reported												
EDENTON HARBOR, NC (10 feet and less)												
				Inbound						Outbound		
Grand Total	42	—	—	21	21	—	37	—	—	19	18	—
										Total trips:		79
FAR CREEK, NC No Vessel Trips Reported												
KNOBBS CREEK, NC (8 feet and less)												
				Upbound						Downbound		
Grand Total	18	—	—	9	9	—	21	—	—	12	9	—
										Total trips:		39
LOCKWOODS FOLLY RIVER, NC (7 feet and less)												
				Upbound						Downbound		
Grand Total	1	—	—	1	—	—	1	—	—	1	—	—
										Total trips:		2
MACKAY CREEK, NC No Vessel Trips Reported												
MANN'S HARBOR, NC (6 feet and less)												
				Inbound						Outbound		
Grand Total	1	1	—	—	—	—	2	2	—	—	—	3
										Total trips:		3
MANTEO (SHALLOWBAG) BAY, NC (8 feet and less)												
				Upbound						Downbound		
Grand Total	11	—	—	11	—	—	12	—	—	12	—	—
										Total trips:		23
NEUSE RIVER, NC (9 feet and less)												
				Upbound						Downbound		
Grand Total	12,725	12,623	—	52	—	50	12,711	12,623	—	43	—	45
										Total trips:		25,436
NEW RIVER, NC (7 feet and less)												
				Upbound						Downbound		
Grand Total	2	—	—	2	—	—	3	—	—	3	—	—
										Total trips:		5

Trips and Drafts of Vessels, 2002
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
OCRACOKE INLET, NC (7 feet and less)												
				Upbound							Downbound	
Grand Total	335	335	---	---	---	---	335	335	---	---	---	---
										Total trips:	---	670
PERQUIMANS RIVER, NC No Vessel Trips Reported												
ROANOKE RIVER, NC (9 feet and less)												
				Upbound							Downbound	
Grand Total	10	---	---	3	---	7	7	---	---	3	---	4
										Total trips:	---	17
ROLLINSON CHANNEL, NC No Vessel Trips Reported												
SCUPPERNONG RIVER, NC No Vessel Trips Reported												
SHALLOTTE RIVER, NC (7 feet and less)												
				Upbound							Downbound	
Grand Total	1	---	---	1	---	---	1	---	---	1	---	---
										Total trips:	---	2
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	1	---	---	1	---	---	1	---	---	1	---	---
										Total trips:	---	2
STUMPY POINT BAY, NC No Vessel Trips Reported												
TRENT RIVER, NC No Vessel Trips Reported												
WANCHESE HARBOR, NC No Vessel Trips Reported												
WATERWAY - NORFOLK, VA TO SOUNDS OF NC (8 feet and less)												
				Upbound							Downbound	
Grand Total	12	1	---	11	---	---	14	2	---	12	---	---
										Total trips:	---	26

Trips and Drafts of Vessels, 2002
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
WATERWAY CONNECTING PAMLICO SOUND AND BEAUFORT HARBOR, NC (7 feet and less)												
				Upbound							Downbound	
Grand Total	217	217	---	---	---	---	217	217	---	---	---	---
										Total trips:	---	434
WATERWAY CONNECTING SWAN QUARTER BAY WITH DEEP BAY, NC (7 feet and less)												
				Upbound							Downbound	
Grand Total	857	857	---	---	---	---	858	858	---	---	---	---
										Total trips:	---	1,715
WRIGHTS CREEK, NC No Vessel Trips Reported												

Trips and Drafts of Vessels, 2002
(draft in feet)

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

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

	Upbound						Downbound					
Grand Total	1,999	714	—	564	619	102	2,010	714	1	559	619	117
DOMESTIC												
Total	1,999	714	—	564	619	102	2,010	714	1	559	619	117
9	62	33	—	20	3	6	65	—	1	16	40	8
8	140	2	—	129	3	6	221	19	—	133	68	1
7	480	152	—	294	25	9	344	32	—	292	15	5
≤ 6	1,317	527	—	121	588	81	1,380	663	—	118	496	103
										Total trips:		4,009

GEORGETOWN HARBOR, SC (WINYAH BAY)

	Inbound						Outbound					
Grand Total	728	97	—	126	487	18	725	91	—	125	488	21
FOREIGN												
Total	97	97	—	—	—	—	91	91	—	—	—	—
28	1	1	—	—	—	—	—	—	—	—	—	—
27	42	42	—	—	—	—	43	43	—	—	—	—
26	4	4	—	—	—	—	4	4	—	—	—	—
25	10	10	—	—	—	—	9	9	—	—	—	—
24	19	19	—	—	—	—	16	16	—	—	—	—
23	7	7	—	—	—	—	6	6	—	—	—	—
22	6	6	—	—	—	—	6	6	—	—	—	—
21	4	4	—	—	—	—	4	4	—	—	—	—
20	3	3	—	—	—	—	2	2	—	—	—	—
≤ 12	1	1	—	—	—	—	1	1	—	—	—	—
DOMESTIC												
Total	631	—	—	126	487	18	634	—	—	125	488	21
21	—	—	—	—	—	—	2	—	—	—	2	—
14	1	—	—	1	—	—	1	—	—	1	—	—
≤ 12	630	—	—	125	487	18	631	—	—	124	486	21
										Total trips:		1,453

CHARLESTON HARBOR, SC

	Inbound						Outbound					
Grand Total	7,235	2,119	175	2,643	2,022	276	7,249	2,126	180	2,659	2,022	262
FOREIGN												
Total	2,258	2,115	140	2	1	—	2,267	2,122	142	2	1	—
44	—	—	—	—	—	—	1	1	—	—	—	—
42	15	15	—	—	—	—	2	2	—	—	—	—
41	21	21	—	—	—	—	10	10	—	—	—	—
40	21	21	—	—	—	—	16	16	—	—	—	—
39	46	34	12	—	—	—	39	36	3	—	—	—
38	89	70	19	—	—	—	77	77	—	—	—	—
37	108	94	14	—	—	—	109	106	3	—	—	—
36	160	144	16	—	—	—	102	99	3	—	—	—
35	156	145	11	—	—	—	179	174	5	—	—	—
34	175	163	12	—	—	—	200	192	8	—	—	—
33	208	201	7	—	—	—	240	235	5	—	—	—
32	205	200	5	—	—	—	210	200	10	—	—	—
31	160	158	2	—	—	—	119	115	4	—	—	—
30	162	154	7	1	—	—	179	142	36	1	—	—
29	108	103	5	—	—	—	65	61	4	—	—	—
28	243	232	11	—	—	—	220	211	9	—	—	—
27	83	82	1	—	—	—	72	59	13	—	—	—
26	63	59	4	—	—	—	47	41	6	—	—	—
25	38	35	3	—	—	—	140	128	12	—	—	—
24	78	74	4	—	—	—	87	79	8	—	—	—
23	43	42	1	—	—	—	46	46	—	—	—	—
22	20	16	4	—	—	—	30	23	7	—	—	—
21	8	6	2	—	—	—	13	9	4	—	—	—
20	13	13	—	—	—	—	14	14	—	—	—	—
19	7	7	—	—	—	—	7	7	—	—	—	—

Trips and Drafts of Vessels, 2002
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
CHARLESTON HARBOR, SC - continued												
	Inbound						Outbound					
FOREIGN												
≤ 18	28	26	—	1	1	—	43	39	2	1	1	—
DOMESTIC												
Total	4,977	4	35	2,641	2,021	276	4,982	4	38	2,657	2,021	262
36	3	—	3	—	—	—	1	—	1	—	—	—
34	5	—	5	—	—	—	3	—	3	—	—	—
33	4	—	4	—	—	—	—	—	—	—	—	—
32	17	—	5	—	—	12	1	—	1	—	—	—
31	7	—	3	—	—	4	—	—	—	—	—	—
30	10	—	—	—	—	10	1	—	1	—	—	—
29	10	—	2	—	—	8	2	—	2	—	—	—
28	4	—	2	—	—	2	4	—	3	—	—	1
27	2	—	—	—	—	2	3	—	—	—	3	—
26	—	—	—	—	—	—	4	—	2	—	2	—
25	1	—	1	—	—	—	3	—	2	—	1	—
24	3	—	1	—	—	2	3	—	2	—	1	—
23	2	—	2	—	—	—	2	—	—	—	1	1
21	24	—	1	16	2	5	17	—	2	11	—	4
20	14	—	—	2	11	1	4	—	1	2	—	1
19	1	—	—	—	1	—	1	—	—	—	1	—
≤ 18	4,870	4	6	2,623	2,007	230	4,933	4	18	2,644	2,012	255
										Total trips:		14,484

SHIPYARD RIVER, SC												
Grand Total	Upbound						Downbound					
	805	48	24	320	389	24	806	47	23	326	389	21
FOREIGN												
Total	58	48	10	—	—	—	56	47	9	—	—	—
42	2	2	—	—	—	—	1	1	—	—	—	—
41	4	4	—	—	—	—	—	—	—	—	—	—
40	3	3	—	—	—	—	—	—	—	—	—	—
39	2	2	—	—	—	—	—	—	—	—	—	—
38	3	3	—	—	—	—	—	—	—	—	—	—
37	4	3	1	—	—	—	1	—	1	—	—	—
36	13	12	1	—	—	—	—	—	—	—	—	—
35	2	2	—	—	—	—	1	1	—	—	—	—
34	5	4	1	—	—	—	1	—	1	—	—	—
33	1	1	—	—	—	—	1	—	1	—	—	—
32	3	2	1	—	—	—	—	—	—	—	—	—
31	3	3	—	—	—	—	2	2	—	—	—	—
30	1	1	—	—	—	—	5	5	—	—	—	—
29	1	1	—	—	—	—	—	—	—	—	—	—
28	4	1	3	—	—	—	2	1	1	—	—	—
27	—	—	—	—	—	—	1	—	1	—	—	—
26	1	—	1	—	—	—	1	—	1	—	—	—
25	1	1	—	—	—	—	32	31	1	—	—	—
24	1	—	1	—	—	—	2	2	—	—	—	—
23	1	1	—	—	—	—	—	—	—	—	—	—
22	2	1	1	—	—	—	3	1	2	—	—	—
20	1	1	—	—	—	—	1	1	—	—	—	—
≤ 18	—	—	—	—	—	—	2	2	—	—	—	—
DOMESTIC												
Total	747	—	14	320	389	24	750	—	14	326	389	21
31	1	—	1	—	—	—	—	—	—	—	—	—
29	3	—	2	—	—	1	1	—	1	—	—	—
28	1	—	1	—	—	—	2	—	2	—	—	—
27	—	—	—	—	—	—	3	—	—	—	3	—
26	—	—	—	—	—	—	3	—	1	—	2	—
25	—	—	—	—	—	—	1	—	—	—	1	—
24	2	—	—	—	—	2	1	—	—	—	1	—
23	2	—	2	—	—	—	2	—	—	—	1	1
≤ 18	738	—	8	320	389	21	737	—	10	326	381	20
										Total trips:		1,611

Trips and Drafts of Vessels, 2002
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
ASHLEY RIVER, SC (8 feet and less)												
				Upbound						Downbound		
Grand Total	10	2	—	8	—	—	9	2	—	7	—	—
										Total trips:	—	19
GREAT PEE DEE RIVER, SC (3 feet and less)												
				Upbound						Downbound		
Grand Total	152	—	—	—	152	—	151	—	—	—	151	—
										Total trips:	—	303
PORT ROYAL HARBOR, SC (30 feet and less)												
				Inbound						Outbound		
Grand Total	20	10	2	5	—	3	21	11	2	5	—	3
										Total trips:	—	41
SANTEE RIVER, SC (8 feet and less)												
				Upbound						Downbound		
Grand Total	4	—	—	4	—	—	4	—	—	4	—	—
										Total trips:	—	8
VILLAGE CREEK, SC No Vessel Trips Reported												
WACCAMAW RIVER, SC (6 feet and less)												
				Inbound						Outbound		
Grand Total	1	—	—	1	—	—	1	—	—	1	—	—
										Total trips:	—	2

Trips and Drafts of Vessels, 2002
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
SAVANNAH HARBOR, GA												
Grand Total	3,406	1,972	295	582	197	360	3,399	1,969	290	583	179	378
	Inbound						Outbound					
FOREIGN												
Total	2,175	1,930	245	---	---	---	2,175	1,928	245	1	1	---
52	---	---	---	---	---	---	1	1	---	---	---	---
42	---	---	---	---	---	---	2	2	---	---	---	---
41	1	1	---	---	---	---	2	2	---	---	---	---
40	2	2	---	---	---	---	4	4	---	---	---	---
39	10	9	1	---	---	---	14	14	---	---	---	---
38	25	21	4	---	---	---	40	40	---	---	---	---
37	115	89	26	---	---	---	94	93	1	---	---	---
36	122	105	17	---	---	---	96	95	1	---	---	---
35	124	104	20	---	---	---	108	105	3	---	---	---
34	123	105	18	---	---	---	180	169	11	---	---	---
33	151	138	13	---	---	---	148	139	9	---	---	---
32	163	145	18	---	---	---	171	160	11	---	---	---
31	127	121	6	---	---	---	151	141	10	---	---	---
30	184	174	10	---	---	---	193	173	20	---	---	---
29	142	124	18	---	---	---	121	108	13	---	---	---
28	169	150	19	---	---	---	172	135	37	---	---	---
27	110	97	13	---	---	---	87	60	27	---	---	---
26	94	78	16	---	---	---	96	69	27	---	---	---
25	91	78	13	---	---	---	76	51	25	---	---	---
24	60	45	15	---	---	---	68	50	18	---	---	---
23	46	40	6	---	---	---	90	78	12	---	---	---
22	44	39	5	---	---	---	59	47	12	---	---	---
21	52	49	3	---	---	---	33	33	---	---	---	---
20	47	45	2	---	---	---	23	18	5	---	---	---
19	27	26	1	---	---	---	13	12	1	---	---	---
≤ 18	146	145	1	---	---	---	133	129	2	1	1	---
DOMESTIC												
Total	1,231	42	50	582	197	360	1,224	41	45	582	178	378
37	2	---	2	---	---	---	1	---	1	---	---	---
36	4	---	4	---	---	---	1	---	1	---	---	---
35	5	---	5	---	---	---	3	---	3	---	---	---
34	3	---	3	---	---	---	2	---	2	---	---	---
33	---	---	---	---	---	---	3	---	3	---	---	---
32	3	---	---	2	---	1	2	---	---	2	---	---
31	2	---	2	---	---	---	3	---	3	---	---	---
30	7	---	2	---	---	5	3	---	1	---	---	2
29	2	---	2	---	---	---	3	---	2	---	---	1
28	3	---	2	---	---	1	2	---	1	---	---	1
27	---	---	---	---	---	---	1	---	1	---	---	---
26	4	---	4	---	---	---	---	---	---	---	---	---
25	5	---	1	---	---	4	3	---	1	---	---	2
24	11	---	2	---	8	1	14	---	---	---	---	14
23	17	---	---	---	17	---	3	---	---	---	---	3
22	1	---	1	---	---	---	1	---	---	---	---	1
21	2	---	1	1	---	---	4	---	1	1	---	2
20	13	---	4	1	---	8	12	---	8	1	---	3
19	6	---	2	---	---	4	3	---	1	---	---	2
≤ 18	1,141	42	13	578	172	336	1,160	41	16	578	178	347
											Total trips:	6,805
BRUNSWICK HARBOR, GA												
Grand Total	1,598	1,235	2	119	150	92	1,598	1,237	2	119	150	90
	Upbound						Downbound					
FOREIGN												
Total	508	506	2	---	---	---	510	508	2	---	---	---
35	1	1	---	---	---	---	4	4	---	---	---	---
34	1	1	---	---	---	---	2	2	---	---	---	---
33	1	1	---	---	---	---	2	2	---	---	---	---
32	10	10	---	---	---	---	2	2	---	---	---	---
31	8	8	---	---	---	---	7	7	---	---	---	---
30	7	7	---	---	---	---	7	7	---	---	---	---
29	40	40	---	---	---	---	31	31	---	---	---	---
28	77	76	1	---	---	---	61	60	1	---	---	---
27	90	90	---	---	---	---	90	90	---	---	---	---

Trips and Drafts of Vessels, 2002
(draft in feet)

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

BRUNSWICK HARBOR, GA - continued

Upbound

Downbound

FOREIGN

26	83	82	1	—	—	—	102	102	—	—	—	—
25	58	58	—	—	—	—	58	58	—	—	—	—
24	42	42	—	—	—	—	42	42	—	—	—	—
23	22	22	—	—	—	—	23	22	1	—	—	—
22	5	5	—	—	—	—	16	16	—	—	—	—
21	10	10	—	—	—	—	17	17	—	—	—	—
20	1	1	—	—	—	—	5	5	—	—	—	—
19	3	3	—	—	—	—	7	7	—	—	—	—
18	8	8	—	—	—	—	11	11	—	—	—	—
17	6	6	—	—	—	—	17	17	—	—	—	—
16	4	4	—	—	—	—	3	3	—	—	—	—
15	2	2	—	—	—	—	1	1	—	—	—	—
14	2	2	—	—	—	—	—	—	—	—	—	—
13	2	2	—	—	—	—	—	—	—	—	—	—
≤ 12	25	25	—	—	—	—	2	2	—	—	—	—

DOMESTIC

Total	1,090	729	—	119	150	92	1,088	729	—	119	150	90
≤ 12	1,090	729	—	119	150	92	1,088	729	—	119	150	90
											Total trips:	3,196

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	9,802	8,877	—	370	380	175	9,826	8,877	2	381	380	186
											Total trips:	19,628

DARIEN HARBOR, GA
(7 feet and less)

Inbound

Outbound

Grand Total	1	—	—	1	—	—	2	—	1	1	—	—
											Total trips:	3

SATILLA RIVER, GA
No Vessel Trips Reported

SAVANNAH RIVER BELOW AUGUSTA, GA
(8 feet and less)

Upbound

Downbound

Grand Total	554	196	—	13	345	—	559	203	—	10	345	1
											Total trips:	1,113

ST. MARYS RIVER, GA AND FL
(12 feet and less)

Upbound

Downbound

Grand Total	62	—	—	32	—	30	61	—	—	31	—	30
											Total trips:	123

Trips and Drafts of Vessels, 2002
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
FERNANDINA HARBOR, FL												
	Inbound						Outbound					
Grand Total	585	332	---	150	16	87	587	332	---	150	18	87
FOREIGN												
Total	280	264	---	8	8	---	282	264	---	8	10	---
29	4	4	---	---	---	---	3	3	---	---	---	---
28	8	8	---	---	---	---	12	12	---	---	---	---
27	8	8	---	---	---	---	11	11	---	---	---	---
26	24	24	---	---	---	---	23	23	---	---	---	---
25	14	14	---	---	---	---	21	21	---	---	---	---
24	7	7	---	---	---	---	15	15	---	---	---	---
23	10	10	---	---	---	---	14	14	---	---	---	---
22	23	23	---	---	---	---	11	11	---	---	---	---
21	16	16	---	---	---	---	16	16	---	---	---	---
20	9	9	---	---	---	---	11	11	---	---	---	---
19	38	38	---	---	---	---	35	35	---	---	---	---
≤ 18	119	103	---	8	8	---	110	92	---	8	10	---
DOMESTIC												
Total	305	68	---	142	8	87	305	68	---	142	8	87
≤ 18	305	68	---	142	8	87	305	68	---	142	8	87
											Total trips:	1,172
ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA, AND THE ST. JOHNS RIVER, FL (JACKSONVILLE DISTRICT)												
	Upbound						Downbound					
Grand Total	740	50	---	400	37	253	742	50	1	401	37	253
DOMESTIC												
Total	740	50	---	400	37	253	742	50	1	401	37	253
15	3	---	---	---	3	---	---	---	---	---	---	---
14	6	---	---	1	1	4	2	---	---	1	1	---
13	17	---	---	10	2	5	5	---	---	5	---	---
12	5	---	---	---	1	4	2	---	---	2	---	---
11	21	---	---	1	---	20	---	---	---	---	---	---
10	2	---	---	1	1	---	1	---	---	1	---	---
9	69	---	---	61	1	7	72	---	1	71	---	---
8	134	---	---	83	---	51	82	---	---	80	2	---
7	218	---	---	161	---	57	150	---	---	146	4	---
≤ 6	265	50	---	82	28	105	428	50	---	95	30	253
											Total trips:	1,482
JACKSONVILLE HARBOR, FL												
	Inbound						Outbound					
Grand Total	12,777	9,655	250	1,348	503	1,021	12,754	9,653	243	1,347	504	1,007
FOREIGN												
Total	1,495	1,221	191	46	32	5	1,494	1,220	188	46	33	7
39	---	---	---	---	---	---	1	---	1	---	---	---
38	88	47	41	---	---	---	---	---	---	---	---	---
37	29	14	15	---	---	---	1	1	---	---	---	---
36	37	19	17	---	---	1	6	2	3	---	---	1
35	22	6	16	---	---	---	5	1	4	---	---	---
34	16	4	12	---	---	---	8	4	4	---	---	---
33	33	22	11	---	---	---	13	7	6	---	---	---
32	36	27	9	---	---	---	81	71	10	---	---	---
31	43	35	8	---	---	---	29	20	9	---	---	---
30	113	96	17	---	---	---	50	32	18	---	---	---
29	74	67	7	---	---	---	72	57	15	---	---	---
28	129	122	7	---	---	---	160	137	23	---	---	---
27	100	98	2	---	---	---	151	140	11	---	---	---
26	87	79	8	---	---	---	111	99	12	---	---	---
25	83	78	5	---	---	---	131	115	16	---	---	---
24	213	209	4	---	---	---	266	242	24	---	---	---
23	20	17	3	---	---	---	32	23	9	---	---	---
22	86	82	4	---	---	---	89	78	11	---	---	---
21	40	38	1	---	1	---	48	45	3	---	---	---

Trips and Drafts of Vessels, 2002
(draft in feet)

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

JACKSONVILLE HARBOR, FL - continued

Inbound

Outbound

FOREIGN

20	54	53	1	—	—	—	54	52	2	—	—	—
19	24	19	—	1	—	4	17	14	2	1	—	—
≤ 18	168	89	3	45	31	—	169	80	5	45	33	6

DOMESTIC

Total	11,282	8,434	59	1,302	471	1,016	11,260	8,433	55	1,301	471	1,000
41	1	—	1	—	—	—	—	—	—	—	—	—
38	2	—	2	—	—	—	—	—	—	—	—	—
37	8	—	8	—	—	—	2	—	2	—	—	—
36	11	—	10	—	—	1	2	—	2	—	—	—
35	12	5	7	—	—	—	2	—	2	—	—	—
34	—	—	—	—	—	—	1	—	1	—	—	—
33	1	—	1	—	—	—	—	—	—	—	—	—
32	5	—	1	2	1	1	2	—	—	2	—	—
31	1	—	—	—	—	—	31	30	1	—	—	—
30	59	50	3	—	—	6	73	67	1	—	—	5
29	9	8	—	1	—	—	4	3	1	—	—	—
28	37	29	—	—	—	8	3	—	2	—	—	1
27	19	13	4	—	2	—	2	—	2	—	—	—
26	16	1	7	—	5	3	8	—	7	—	—	1
25	16	—	3	—	2	11	3	1	1	—	—	1
24	6	—	—	—	1	5	10	6	4	—	—	—
23	5	1	—	—	2	2	22	21	1	—	—	—
22	13	6	—	1	2	4	10	8	1	1	—	—
21	21	1	9	1	9	1	42	22	19	1	—	—
20	157	4	—	146	2	5	147	20	1	126	—	—
19	11	3	—	1	5	2	15	15	—	—	—	—
≤ 18	10,872	8,313	3	1,150	440	966	10,881	8,240	7	1,171	471	992
										Total trips:		25,531

ST. JOHNS RIVER, FL JACKSONVILLE TO LAKE HARNEY

Upbound

Downbound

Grand Total	403	1	—	218	1	183	411	—	—	227	1	183
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DOMESTIC

Total	403	1	—	218	1	183	411	—	—	227	1	183
12	28	—	—	—	—	28	—	—	—	—	—	—
10	1	—	—	—	—	1	—	—	—	—	—	—
9	55	—	—	40	—	15	45	—	—	45	—	—
8	100	—	—	90	—	10	94	—	—	94	—	—
7	171	—	—	83	1	87	83	—	—	83	—	—
6	47	1	—	5	—	41	5	—	—	5	—	—
3	—	—	—	—	—	—	1	—	—	—	—	1
2	1	—	—	—	—	1	183	—	—	—	1	182
										Total trips:		814

INTRACOASTAL WATERWAY, JACKSONVILLE TO MIAMI, FL

Upbound

Downbound

Grand Total	789	48	2	439	53	247	746	47	1	420	32	246
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FOREIGN

Total	39	6	—	29	4	—	16	5	—	10	1	—
12	1	—	—	1	—	—	—	—	—	—	—	—
10	3	1	—	1	1	—	2	1	—	1	—	—
9	—	—	—	—	—	—	1	1	—	—	—	—
8	24	—	—	21	3	—	9	—	—	8	1	—
7	5	1	—	4	—	—	—	—	—	—	—	—
≤ 6	6	4	—	2	—	—	4	3	—	1	—	—

DOMESTIC

Total	750	42	2	410	49	247	730	42	1	410	31	246
12	17	—	—	8	—	9	45	—	—	13	—	32
11	4	—	—	3	—	1	4	—	—	1	—	3
10	3	—	—	3	—	—	6	—	—	3	—	3

Trips and Drafts of Vessels, 2002
(draft in feet)

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

INTRACOASTAL WATERWAY, JACKSONVILLE TO MIAMI, FL - continued
Upbound

Downbound

DOMESTIC

9	20	—	—	20	—	—	4	—	1	2	—	1
8	32	—	2	29	—	1	201	—	—	30	2	169
7	257	—	—	251	3	3	283	—	—	274	5	4
≤ 6	417	42	—	96	46	233	187	42	—	87	24	34
											Total trips:	1,535

CANAVERAL HARBOR, FL

Inbound

Outbound

Grand Total	1,507	677	45	385	48	352	1,539	687	44	398	54	356
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FOREIGN

Total	824	675	40	54	48	7	853	685	39	67	54	8
39	2	—	2	—	—	—	1	1	—	—	—	—
38	3	2	1	—	—	—	1	—	1	—	—	—
37	1	—	1	—	—	—	1	—	1	—	—	—
36	3	2	1	—	—	—	1	—	1	—	—	—
8	2	2	5	—	—	1	1	1	—	—	—	—
34	21	13	8	—	—	—	8	3	5	—	—	—
33	7	2	5	—	—	—	5	—	5	—	—	—
32	10	6	4	—	—	—	3	—	3	—	—	—
31	5	3	—	1	—	1	5	4	1	—	—	—
30	13	8	5	—	—	—	10	2	8	—	—	—
29	8	6	1	—	—	1	7	6	1	—	—	—
28	12	9	3	—	—	—	14	11	3	—	—	—
27	164	163	1	—	—	—	151	150	1	—	—	—
26	64	62	2	—	—	—	65	61	4	—	—	—
25	235	235	—	—	—	—	239	238	1	—	—	—
24	28	28	—	—	—	—	28	25	2	—	—	1
23	22	21	—	—	—	1	14	14	—	—	—	—
22	24	24	—	—	—	—	30	28	1	—	—	1
21	56	53	1	—	—	2	63	62	—	—	—	1
20	5	5	—	—	—	—	13	12	—	—	—	1
19	4	4	—	—	—	—	13	12	1	—	—	—
≤ 18	129	27	—	53	48	1	180	55	—	67	54	4
											Total trips:	3,046

DOMESTIC

Total	683	2	5	331	—	345	686	2	5	331	—	348
39	1	—	1	—	—	—	—	—	—	—	—	—
34	2	—	2	—	—	—	—	—	—	—	—	—
31	6	—	—	—	—	6	—	—	—	—	—	—
30	3	—	—	—	—	3	—	—	—	—	—	—
29	2	—	—	—	—	2	—	—	—	—	—	—
27	—	—	—	—	—	—	2	—	—	—	—	2
26	6	—	—	—	—	6	1	—	—	—	—	1
25	3	—	1	—	—	2	2	—	1	—	—	1
24	1	—	—	—	—	1	3	—	1	—	—	2
23	1	—	—	—	—	1	1	—	—	—	—	1
22	4	—	—	—	—	4	—	—	—	—	—	—
21	1	—	—	—	—	1	3	—	1	—	—	2
20	5	—	1	1	—	3	2	—	2	—	—	—
19	2	—	—	—	—	2	1	—	—	—	—	1
≤ 18	646	2	—	330	—	314	671	2	—	331	—	338
											Total trips:	3,046

PALM BEACH HARBOR, FL

Inbound

Outbound

Grand Total	1,482	1,156	15	175	77	59	1,476	1,154	15	176	78	53
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FOREIGN

Total	1,237	1,122	15	83	10	7	1,235	1,121	15	84	11	4
38	3	—	—	—	3	—	6	—	—	—	6	—
34	2	2	—	—	—	—	11	11	—	—	—	—
32	2	1	—	—	—	1	9	—	9	—	—	—
31	1	—	—	—	—	1	2	—	2	—	—	—
30	1	1	—	—	—	—	2	2	—	—	—	—

Trips and Drafts of Vessels, 2002
(draft in feet)

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

PALM BEACH HARBOR, FL - continued

Inbound

Outbound

FOREIGN

29	5	4	—	—	—	1	2	1	1	—	—	—
28	2	1	1	—	—	—	2	—	2	—	—	—
27	28	27	—	—	—	1	89	88	—	—	—	1
26	13	12	1	—	—	—	2	2	—	—	—	—
25	32	31	1	—	—	—	3	3	—	—	—	—
24	10	5	—	—	5	—	3	1	—	—	2	—
23	21	19	1	—	—	1	2	1	—	—	1	—
22	23	19	3	—	—	1	16	13	1	—	—	2
21	21	14	2	5	—	—	13	7	—	5	—	1
20	4	4	—	—	—	—	7	7	—	—	—	—
19	10	6	4	—	—	—	29	29	—	—	—	—
≤ 18	1,059	976	2	78	2	1	1,037	956	—	79	2	—

DOMESTIC

Total	245	34	—	92	67	52	241	33	—	92	67	49
36	1	—	—	—	—	1	—	—	—	—	—	—
32	1	—	—	—	—	1	—	—	—	—	—	—
31	14	—	—	—	—	14	—	—	—	—	—	—
30	22	—	—	—	—	22	—	—	—	—	—	—
28	1	—	—	—	—	1	—	—	—	—	—	—
26	7	—	—	—	—	7	1	—	—	—	1	—
25	1	—	—	—	—	1	—	—	—	—	—	—
24	—	—	—	—	—	—	41	—	—	—	33	8
23	24	—	—	—	24	—	18	—	—	—	18	—
21	—	—	—	—	—	—	4	—	—	—	4	—
20	1	—	—	1	—	—	1	—	—	1	—	—
19	—	—	—	—	—	—	1	—	—	—	1	—
≤ 18	173	34	—	91	43	5	175	33	—	91	10	41

Total trips: 2,958

PORT EVERGLADES HARBOR, FL

Inbound

Outbound

Grand Total	4,586	3,405	403	446	39	293	4,587	3,416	376	456	59	280
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FOREIGN

Total	3,735	3,352	154	186	38	5	3,781	3,361	154	201	58	7
40	7	5	2	—	—	—	4	4	—	—	—	—
39	22	15	7	—	—	—	19	17	2	—	—	—
38	27	13	14	—	—	—	18	15	3	—	—	—
37	36	17	18	—	—	1	18	12	6	—	—	—
36	67	45	22	—	—	—	48	39	9	—	—	—
35	42	27	15	—	—	—	36	29	7	—	—	—
34	27	9	18	—	—	—	15	7	8	—	—	—
33	15	9	6	—	—	—	16	8	8	—	—	—
32	24	19	4	—	1	—	21	12	9	—	—	—
31	25	20	5	—	—	—	17	14	3	—	—	—
30	41	33	8	—	—	—	47	38	9	—	—	—
29	16	14	2	—	—	—	34	29	5	—	—	—
28	77	74	3	—	—	—	111	94	17	—	—	—
27	123	120	3	—	—	—	112	105	7	—	—	—
26	234	227	7	—	—	—	230	219	11	—	—	—
25	278	275	3	—	—	—	293	283	10	—	—	—
24	147	145	2	—	—	—	214	193	21	—	—	—
23	73	72	1	—	—	—	61	60	1	—	—	—
22	94	85	—	6	—	3	94	84	2	5	—	3
21	236	236	—	—	—	—	265	264	1	—	—	—
20	87	86	—	—	—	1	69	68	—	1	—	—
19	84	84	—	—	—	—	102	101	—	—	—	1
≤ 18	1,953	1,722	14	180	37	—	1,937	1,666	15	195	58	3

DOMESTIC

Total	851	53	249	260	1	288	806	55	222	255	1	273
42	1	—	1	—	—	—	—	—	—	—	—	—
40	7	—	7	—	—	—	—	—	—	—	—	—
39	3	—	3	—	—	—	1	—	1	—	—	—
38	47	—	47	—	—	—	—	—	—	—	—	—
37	62	—	62	—	—	—	—	—	—	—	—	—
36	33	—	33	—	—	—	1	—	1	—	—	—
35	25	—	24	—	—	1	—	—	—	—	—	—

Trips and Drafts of Vessels, 2002
(draft in feet)

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

PORT EVERGLADES HARBOR, FL - continued
Inbound

Outbound

DOMESTIC

34	4	—	4	—	—	—	—	—	—	—	—	—
33	13	—	12	—	—	1	—	—	—	—	—	—
32	20	—	9	1	—	10	3	—	1	1	—	1
31	34	—	2	—	—	32	1	1	—	—	—	—
30	56	30	12	—	—	14	49	32	10	—	—	7
29	20	2	2	—	—	16	7	7	—	—	—	—
28	28	5	3	—	—	20	13	13	—	—	—	—
27	14	8	1	—	—	5	1	—	1	—	—	—
26	14	2	7	—	—	5	8	1	5	—	—	2
25	19	—	9	—	—	10	5	—	3	—	—	2
24	15	—	6	—	—	9	2	—	—	—	—	2
23	2	—	—	—	—	2	3	—	—	—	—	3
22	8	6	1	—	—	1	42	—	38	—	—	4
21	29	—	4	21	—	4	81	—	57	18	—	6
20	5	—	—	3	—	2	23	—	15	5	—	3
19	1	—	—	1	—	—	4	—	2	—	—	2
≤ 18	391	—	—	234	1	156	562	1	88	231	1	241
											Total trips:	9,173

MIAMI HARBOR, FL

Inbound

Outbound

Grand Total	5,611	4,508	15	735	32	321	5,624	4,531	15	733	24	321
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FOREIGN

Total	4,437	4,226	15	168	24	4	4,449	4,249	15	166	14	5
46	1	—	1	—	—	—	1	—	1	—	—	—
39	25	25	—	—	—	—	21	21	—	—	—	—
38	23	23	—	—	—	—	8	8	—	—	—	—
37	20	20	—	—	—	—	34	34	—	—	—	—
36	36	36	—	—	—	—	34	34	—	—	—	—
35	100	98	2	—	—	—	101	99	2	—	—	—
34	56	55	1	—	—	—	70	70	—	—	—	—
33	59	58	1	—	—	—	61	61	—	—	—	—
32	139	139	—	—	—	—	144	144	—	—	—	—
31	53	49	3	1	—	—	43	41	—	1	1	—
30	152	149	2	—	—	1	145	144	1	—	—	—
29	111	108	2	—	—	1	116	115	1	—	—	—
28	163	161	2	—	—	—	157	152	5	—	—	—
27	134	133	1	—	—	—	161	161	—	—	—	—
26	199	198	—	—	—	1	223	222	1	—	—	—
25	354	353	—	—	1	—	320	317	3	—	—	—
24	189	189	—	—	—	—	168	167	—	—	—	1
23	117	117	—	—	—	—	62	62	—	—	—	—
22	150	147	—	2	—	1	192	186	—	3	1	2
21	135	135	—	—	—	—	231	231	—	—	—	—
20	126	126	—	—	—	—	228	227	1	—	—	—
19	71	70	—	1	—	—	110	108	—	—	—	2
≤ 18	2,024	1,837	—	164	23	—	1,819	1,645	—	162	12	—

DOMESTIC

Total	1,174	282	—	567	8	317	1,175	282	—	567	10	316
32	1	—	—	—	—	1	—	—	—	—	—	—
31	16	—	—	—	—	16	—	—	—	—	—	—
30	6	—	—	—	—	6	4	—	—	—	—	4
29	3	—	—	—	—	3	—	—	—	—	—	—
28	—	—	—	—	—	—	1	—	—	—	—	1
27	1	—	—	—	—	1	—	—	—	—	—	1
26	5	—	—	—	—	5	1	—	—	—	—	1
25	2	—	—	—	—	2	1	—	—	—	—	1
24	3	—	—	—	—	3	5	—	—	—	—	5
23	2	—	—	—	—	2	2	—	—	—	—	2
22	—	—	—	—	—	—	2	—	—	—	—	2
21	—	—	—	—	—	—	2	—	—	—	—	2
20	1	—	—	—	—	1	1	—	—	—	—	1
19	1	—	—	—	—	1	—	—	—	—	—	—
≤ 18	1,133	282	—	567	8	276	1,155	282	—	567	10	296
											Total trips:	11,235

Trips and Drafts of Vessels, 2002
(draft in feet)

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

MIAMI RIVER, FL

	Upbound						Downbound					
Grand Total	1,257	961	---	287	9	---	1,281	988	---	285	8	---

FOREIGN

Total	975	961	---	13	1	---	999	988	---	11	---	---
18	6	6	---	---	---	---	4	4	---	---	---	---
15	---	---	---	---	---	---	1	1	---	---	---	---
14	23	23	---	---	---	---	61	61	---	---	---	---
13	91	91	---	---	---	---	180	180	---	---	---	---
12	277	277	---	---	---	---	344	344	---	---	---	---
11	198	198	---	---	---	---	168	168	---	---	---	---
10	160	160	---	---	---	---	46	46	---	---	---	---
9	37	36	---	1	---	---	21	20	---	1	---	---
8	9	8	---	1	---	---	8	7	---	1	---	---
7	48	47	---	1	---	---	99	97	---	2	---	---
≤ 6	126	115	---	10	1	---	67	60	---	7	---	---

DOMESTIC

Total	282	---	---	274	8	---	282	---	---	274	8	---
16	2	---	---	---	2	---	---	---	---	---	---	---
7	81	---	---	79	2	---	192	---	---	192	---	---
≤ 6	199	---	---	195	4	---	90	---	---	82	8	---

Total trips: 2,538

INTRACOASTAL WATERWAY, MIAMI TO KEY WEST, FL

	Upbound						Downbound					
Grand Total	708	282	---	219	---	207	708	282	---	219	---	207

DOMESTIC

Total	708	282	---	219	---	207	708	282	---	219	---	207
11	---	---	---	---	---	---	8	---	---	---	---	8
8	---	---	---	---	---	---	19	---	---	---	---	19
7	1	---	---	1	---	---	2	---	---	2	---	---
6	207	---	---	207	---	---	294	---	---	207	---	87
5	290	282	---	8	---	---	383	282	---	8	---	93
2	210	---	---	3	---	207	2	---	---	2	---	---

Total trips: 1,416

BAKERS HAULOVER INLET, FL
No Vessel Trips Reported

EAU GALLIE HARBOR, FL
No Vessel Trips Reported

FORT PIERCE HARBOR, FL
(22 feet and less)

	Inbound						Outbound					
Grand Total	151	108	---	42	1	---	147	110	---	36	1	---

Total trips: 298

KEY WEST HARBOR, FL
(34 feet and less)

	Inbound						Outbound					
Grand Total	576	548	12	13	---	3	581	550	11	16	---	4

Total trips: 1,157

MELBOURNE HARBOR, FL
No Vessel Trips Reported

Trips and Drafts of Vessels, 2002
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
NEW RIVER, FL (7 feet and less)												
				Upbound						Downbound		
Grand Total	76	---	---	76	---	---	76	---	---	76	---	---
										Total trips:	---	152
OKLAWAHA RIVER, FL No Vessel Trips Reported												
PONCE DE LEON INLET, FL No Vessel Trips Reported												
RICE CREEK, FL (12 feet and less)												
				Upbound						Downbound		
Grand Total	233	---	---	120	---	113	234	---	---	121	---	113
										Total trips:	---	467
ST. AUGUSTINE HARBOR, FL (7 feet and less)												
				Inbound						Outbound		
Grand Total	4	---	---	3	1	---	4	---	---	3	1	---
										Total trips:	---	8
ST. LUCIE INLET, FL (7 feet and less)												
				Upbound						Downbound		
Grand Total	1	---	---	1	---	---	3	---	---	1	1	1
										Total trips:	---	4

Trips and Drafts of Vessels, 2002
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & 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	17,283	13,170	—	1,981	1,533	599	17,224	13,169	2	1,927	1,533	593

DOMESTIC

Total	17,283	13,170	—	1,981	1,533	599	17,224	13,169	2	1,927	1,533	593
15	3	—	—	—	3	—	—	—	—	—	—	—
14	6	—	—	1	1	4	2	—	—	1	1	—
13	17	—	—	10	2	5	6	—	1	5	—	—
12	48	20	—	1	1	26	8	—	—	3	—	5
11	29	3	—	1	5	20	179	—	—	—	177	2
10	61	5	—	20	34	2	40	—	—	13	20	7
9	431	5	—	279	12	135	486	—	1	305	125	55
8	579	2	—	484	3	90	669	19	—	573	68	9
7	2,886	1,998	—	797	27	64	2,777	1,984	—	770	16	7
≤ 6	13,223	11,137	—	388	1,445	253	13,057	11,166	—	257	1,126	508
										Total trips:		34,507

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(09/30/2003)

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