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# **WATERBORNE COMMERCE OF THE UNITED STATES**

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Calendar Year 2010

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**Part 4–  
Waterways and Harbors  
Pacific Coast, Alaska and Hawaii**

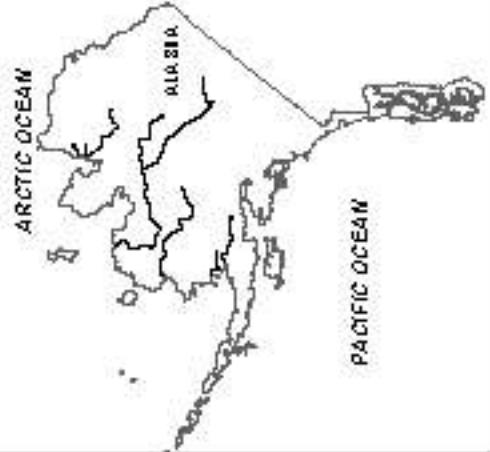
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Compiled under the supervision of  
the Institute for Water Resources  
U.S. Army Corps of Engineers  
Alexandria, Virginia

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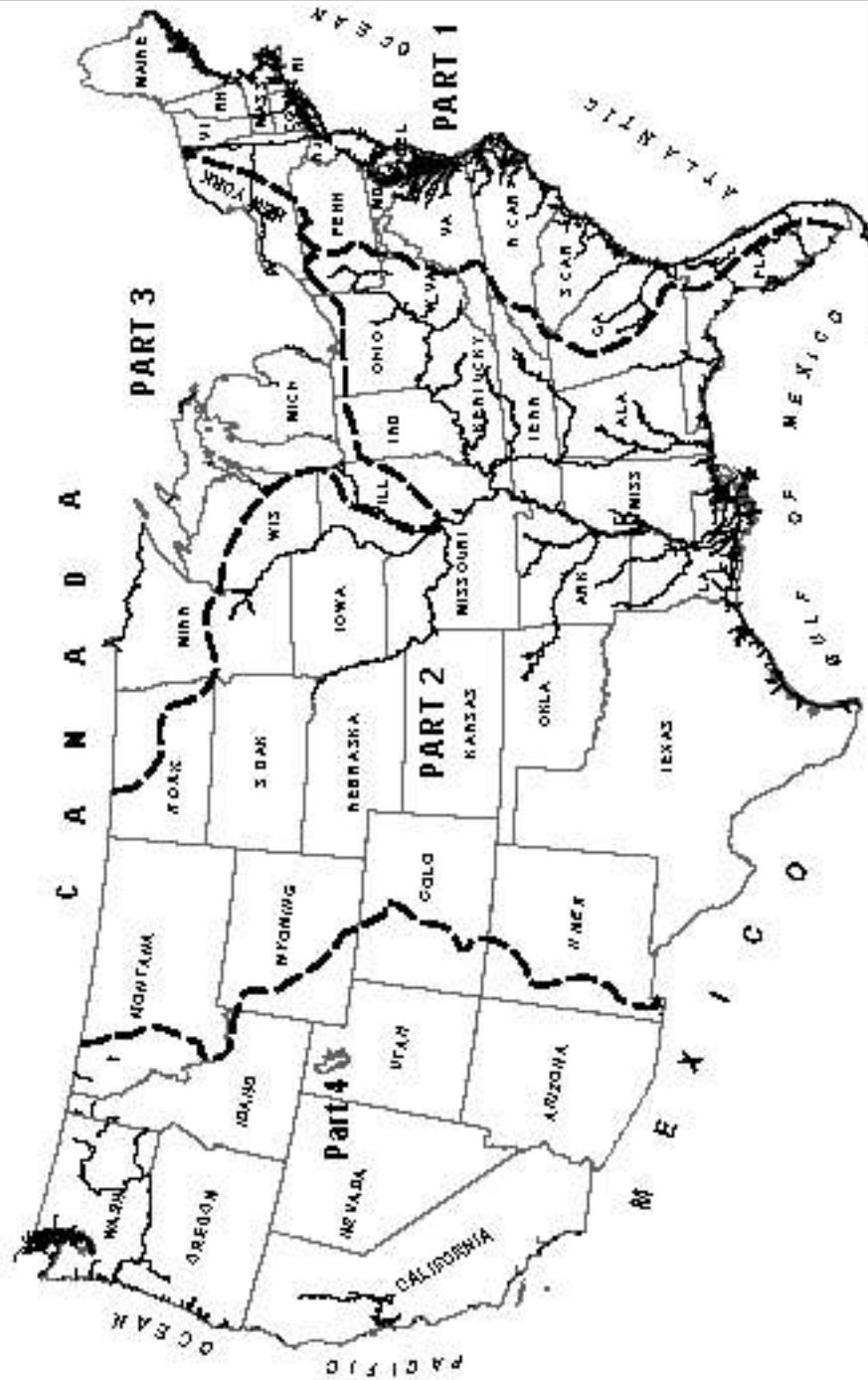
#### PART 4



Geographical Areas Divided by  
Waterborne Commerce Directorate Publishing  
of the

#### DEPARTMENT OF THE ARMY CORPS OF ENGINEERS

Waterborne Commerce Directorate  
Divide into five areas as indicated  
each part of the map entitled



#### PART 4

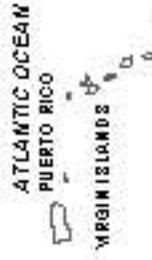
##### PACIFIC OCEAN



#### WATERBORNE COMMERCE OF THE UNITED STATES

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

#### PART 2



#### PART 5

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# Introduction

## General

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

Beginning with the calendar year 2007 publications, **WCUS, Parts 1-4** are provided in HTML format on the Navigation Data Center (NDC) website:  
<http://www.ndc.iwr.usace.army.mil/wcsc/wcsc.htm>  
**WCUS, Part 5** is available in hardcopy and in PDF format on the (NDC) website.

Data on foreign commerce are supplied to the Corps of Engineers by the U.S. Bureau of the Census, the U.S. Customs and Border Protection, and purchased from United Business Media (UBM) Global Trade, 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 United Business Media (UBM) Global Trade, Port Import Export Reporting Service, and supplemented by data furnished to the Corps of Engineers by the U.S. Bureau of the Census and the U.S. Customs and Border Protection. Foreign cargo is matched to vessel moves to improve geographic specificity.

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

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

### **Commodity Descriptions**

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

### **Tonnage**

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

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

Some freight tables have "Total" and "Grand Total". The "Total" means that in some cases it is the total for domestic or foreign and Canadian traffic. The "Grand Total" specifically represents the sum total of all the different traffics, including all domestic and foreign traffic. If a particular column or traffic type has only dashes and

## INTRODUCTION

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zeroes in the tonnage fields for that entire freight table then that column (traffic type) will not print.

### Ton-Miles

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

### Trips

A trip is a vessel movement. For self-propelled vessels, a trip is logged between every point of departure and every point of arrival. For loaded barges, a trip is logged from the point of the loading of the barge to the point of unloading of the barge (i.e., excluding fleeting areas). For empty barges, trips are logged from point of unloading to the point of loading counting the fleeting areas in between (e.g. if an

empty barge moved from Dock A to Dock B and the barge stopped at three fleeting areas in between, then four trips are logged.)

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

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

### Special Interest

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

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

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

# Terminology

## Types of Traffic

### *Foreign*

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

#### **Imports**

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

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

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

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

#### **Exports**

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

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

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

### *Domestic*

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

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

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

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

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

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

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

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

## Traffic Direction

### Waterways

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

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

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

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

### Ports

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

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

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

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

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

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

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

the Gulf of Mexico.

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

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

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

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

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

Ton-miles are rounded to the nearest thousand.

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

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

## Commodity Classification List

<u>Major Grouping</u>	<u>Minor Grouping</u>	<u>Pub Group</u>	<u>Pub Name</u>	<u>Major Grouping</u>	<u>Minor Grouping</u>	<u>Pub Group</u>	<u>Pub Name</u>
00 Units				3282	Pigments & Paints		
	0200	Vehicles		3283	Coloring Mat. NEC		
	0300	Passengers		3284	Medicines		
10 Coal				3285	Perfumes & Cleansers		
	1100	Coal & Lignite		3286	Plastics		
	1200	Coal Coke		3291	Pesticides		
20 Petroleum & Petroleum Products				3292	Starches,Gluten,Glue		
21 Crude Petroleum				3293	Explosives		
	2100	Crude Petroleum		3297	Chemical Additives		
22-29 Petroleum Products				3298	Wood & Resin Chem.		
	2211	Gasoline		3299	Chem. Products NEC		
	2221	Kerosene		40	Crude Materials, Inedible Except Fuels		
	2330	Distillate Fuel Oil		41	Forest Products, Wood and Chips		
	2340	Residual Fuel Oil		4110	Rubber & Gums		
	2350	Lube Oil & Greases		4150	Fuel Wood		
	2410	Petro. Jelly & Waxes		4161	Wood Chips		
	2429	Naphtha & Solvents		4170	Wood in the Rough		
	2430	Asphalt, Tar & Pitch		4189	Lumber		
	2540	Petroleum Coke		4190	Forest Products NEC		
	2640	Hydrocarbon & Petrol Gases, Liquefied and Gaseous		42	Pulp and Waste Paper		
	2990	Petro. Products NEC		4225	Pulp & Waste Paper		
30 Chemicals and Related Products				43	Soil, Sand, Gravel, Rock and Stone		
31 Fertilizers				4310	Building Stone		
	3110	Nitrogenous Fert.		4322	Limestone		
	3120	Phosphatic Fert.		4323	Gypsum		
	3130	Potassic Fert.		4327	Phosphate Rock		
	3190	Fert. & Mixes NEC		4331	Sand & Gravel		
32 Other Chemicals and Related Products				4333	Dredged Material		
	3211	Acyclic Hydrocarbons		4335	Waterway Improv. Mat		
	3212	Benzene & Toluene		4338	Soil & Fill Dirt		
	3219	Other Hydrocarbons		44	Iron Ore and Scrap		
	3220	Alcohols		4410	Iron Ore		
	3230	Carboxylic Acids		4420	Iron & Steel Scrap		
	3240	Nitrogen Func. Comp.		45	Marine Shells		
	3250	Organic-Inorganic Comp.		4515	Marine Shells		
	3260	Organic Comp. NEC		46	Non-Ferrous Ores and Scrap		
	3271	Sulphur (Liquid)		4630	Copper Ore		
	3272	Sulphuric Acid		4650	Aluminum Ore		
	3273	Ammonia		4670	Manganese Ore		
	3274	Sodium Hydroxide		4680	Non-Ferrous Scrap		
	3275	Inorg. Elemt.,Oxides, & Halogen Salts		4690	Non-Ferrous Ores NEC		
	3276	Metallic Salts		47	Sulphur, Clay and Salt		
	3279	Inorganic Chem. NEC		4741	Sulphur, (Dry)		
	3281	Radioactive Material		4782	Clay & Refrac. Mat.		
				4783	Salt		
				48	Slag		
				4860	Slag		
				49	Other Non-Metal. Min.		
				4900	Non-Metal. Min. NEC		

## Commodity Classification List (continued)

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

# Section 1

## Freight Traffic



SAN DIEGO HARBOR, CA

Section Included: Entire harbor. Controlling and Project Depths: 42 feet in entrance channel; 30 to 42 feet in Bay Channel, and turning basin 26 to 35 feet in anchorage areas; 10 to 16 feet in other channels and areas.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	3,121	2004	3,107	2007	2,416	<b>2010</b>	<b>1,325</b>
2002	2,480	2005	3,218	2008	1,891		
2003	2,804	2006	3,259	2009	1,137		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Foreign		Domestic			Internal Intraport
		Inbound	Outbound	Total	Coastwise	Receipts	
						Shipments	
<b>Total, all commodities</b>	<b>1,325</b>	<b>977</b>	<b>25</b>	<b>323</b>	<b>241</b>	<b>29</b>	<b>52</b>
<b>Total petroleum and petroleum products</b>	<b>226</b>	—	0	<b>226</b>	<b>145</b>	<b>29</b>	<b>52</b>
<b>Subtotal petroleum products</b>	<b>226</b>	—	0	<b>226</b>	<b>145</b>	<b>29</b>	<b>52</b>
2330 distillate fuel oil	44	—	0	44	15	—	—
2340 residual fuel oil	183	—	—	183	130	—	52
2350 lube oil & greases	0	—	0	—	—	—	—
<b>Total chemicals and related products</b>	<b>63</b>	<b>48</b>	<b>15</b>	—	—	—	—
<b>Subtotal fertilizers</b>	<b>46</b>	<b>46</b>	—	—	—	—	—
3110 nitrogenous fert.	17	17	—	—	—	—	—
3190 fert. & mixes nec	29	29	—	—	—	—	—
<b>Subtotal other chemicals and related products</b>	<b>17</b>	<b>2</b>	<b>15</b>	—	—	—	—
3211 acyclic hydrocarbons	0	—	0	—	—	—	—
3219 other hydrocarbons	0	—	0	—	—	—	—
3230 carboxylic acids	0	0	—	—	—	—	—
3275 inorg. elem., oxides, & halogen salts	0	—	0	—	—	—	—
3276 metallic salts	17	2	15	—	—	—	—
3282 pigments & paints	0	—	0	—	—	—	—
3284 medicines	0	—	0	—	—	—	—
3285 perfumes & cleansers	0	—	0	—	—	—	—
3286 plastics	0	—	0	—	—	—	—
3291 pesticides	0	—	0	—	—	—	—
3299 chem. products nec	0	—	0	—	—	—	—
<b>Total crude materials, inedible except fuels</b>	<b>177</b>	<b>81</b>	<b>0</b>	<b>96</b>	<b>96</b>	—	—
<b>Subtotal forest products, wood and chips</b>	<b>96</b>	—	0	<b>96</b>	<b>96</b>	—	—
4189 lumber	96	—	0	96	96	—	—
4190 forest products nec	0	—	0	—	—	—	—
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>9</b>	<b>9</b>	—	—	—	—	—
4331 sand & gravel	9	9	—	—	—	—	—
<b>Subtotal non-ferrous ores and scrap</b>	<b>71</b>	<b>71</b>	—	—	—	—	—
4650 aluminum ore	46	46	—	—	—	—	—
4690 non-ferrous ores nec	25	25	—	—	—	—	—
<b>Subtotal sulphur, clay and salt</b>	<b>0</b>	—	<b>0</b>	—	—	—	—
4782 clav & refrac. mat.	0	—	0	—	—	—	—
<b>Total primary manufactured goods</b>	<b>16</b>	<b>16</b>	<b>0</b>	—	—	—	—
<b>Subtotal paper products</b>	<b>3</b>	<b>3</b>	<b>0</b>	—	—	—	—
5120 paper & paperboard	0	0	—	—	—	—	—
5190 paper products nec	3	3	0	—	—	—	—
<b>Subtotal lime, cement and glass</b>	<b>0</b>	<b>0</b>	—	—	—	—	—
5240 glass & glass prod.	0	0	—	—	—	—	—
<b>Subtotal primary iron and steel products</b>	<b>7</b>	<b>7</b>	—	—	—	—	—
5320 i&s primary forms	3	3	—	—	—	—	—
5330 i&s plates & sheets	4	4	—	—	—	—	—
5360 i&s bars & shapes	0	0	—	—	—	—	—
5370 i&s pipe & tube	0	0	—	—	—	—	—
<b>Subtotal primary non-ferrous metal products</b>	<b>6</b>	<b>6</b>	<b>0</b>	—	—	—	—
5480 fab. metal products	6	6	0	—	—	—	—
<b>Total food and farm products</b>	<b>484</b>	<b>477</b>	<b>7</b>	—	—	—	—
<b>Subtotal fish</b>	<b>8</b>	<b>8</b>	<b>0</b>	—	—	—	—
6134 fish (not shellfish)	0	0	—	—	—	—	—
6136 shellfish	8	8	0	—	—	—	—
<b>Subtotal grain</b>	<b>0</b>	—	<b>0</b>	—	—	—	—
6344 corn	0	—	0	—	—	—	—
6442 rice	0	—	0	—	—	—	—
<b>Subtotal oilseeds</b>	<b>0</b>	—	<b>0</b>	—	—	—	—
6590 oilseeds nec	0	—	0	—	—	—	—
<b>Subtotal vegetable products</b>	<b>2</b>	<b>1</b>	<b>1</b>	—	—	—	—
6653 vegetable oils	0	—	0	—	—	—	—
6654 vegetables & prod.	2	1	1	—	—	—	—
<b>Subtotal processed grain and animal feed</b>	<b>0</b>	<b>0</b>	<b>0</b>	—	—	—	—
6781 hay & fodder	0	0	—	—	—	—	—
6782 animal feed, prep.	0	—	0	—	—	—	—
<b>Subtotal other agricultural products</b>	<b>474</b>	<b>467</b>	<b>6</b>	—	—	—	—
6811 meat, fresh, frozen	0	0	—	—	—	—	—
6822 dairy products	0	—	0	—	—	—	—
6835 fish, prepared	1	1	0	—	—	—	—
6839 animals & prod. nec	0	—	0	—	—	—	—
6856 bananas & plantains	430	429	1	—	—	—	—
6857 fruit & nuts nec	39	38	1	—	—	—	—
6858 fruit juices	0	0	—	—	—	—	—
6885 alcoholic beverages	2	—	2	—	—	—	—
6888 water & ice	0	0	—	—	—	—	—
6889 food products nec	0	0	0	—	—	—	—
6893 cotton	1	—	1	—	—	—	—
6899 farm products nec	1	—	1	—	—	—	—

SAN DIEGO HARBOR, CA  
Freight Traffic, 2010 - continued  
(thousand short tons)

Commodity	Grand Total	Foreign		Domestic		
		Inbound	Outbound	Total	Coastwise	Internal
				Receipts	Shipments	Intraport
<b>Total all manufactured equipment, machinery and products</b>	<b>331</b>	<b>329</b>	<b>2</b>	—	—	—
7110 machinery (not elec)	3	2	0	—	—	—
7120 electrical machinery	1	0	0	—	—	—
7210 vehicles & parts	322	322	0	—	—	—
7220 aircraft & parts	0	0	—	—	—	—
7230 ships & boats	1	1	—	—	—	—
7300 ordnance & access.	0	0	—	—	—	—
7400 manufac. wood prod.	0	—	0	—	—	—
7500 textile products	0	0	0	—	—	—
7600 rubber & plastic pr.	1	0	1	—	—	—
7900 manufac. prod. nec	4	4	1	—	—	—
<b>Total unknown or not elsewhere classified</b>	<b>28</b>	<b>27</b>	<b>1</b>	—	—	—
9900 unknown or nec	28	27	1	—	—	—

LONG BEACH HARBOR, CA

Section Included: Entire harbor within the city limits of Long Beach. Controlling Depth: 62 feet in Long Beach Entrance Channel; 50 feet to 55 feet in turning basins; 35 feet in Cerritos Channel. Project Depth: 35 feet in Long Beach channel and other channels and basins.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	67,644	2004	80,252	2007	85,940	<b>2010</b>	<b>75,435</b>
2002	67,872	2005	79,858	2008	80,205		
2003	69,195	2006	84,394	2009	72,500		

Freight Traffic, 2010 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
<b>Total. all commodities</b>	<b>62,565</b>	<b>36,636</b>	<b>23,699</b>	<b>2,180</b>	<b>49</b>
<b>Total coal</b>	<b>647</b>	<b>1</b>	<b>620</b>	—	<b>27</b>
1100 coal & lignite	587	1	560	—	27
1200 coal coke	60	—	60	—	—
<b>Total petroleum and petroleum products</b>	<b>24,000</b>	<b>16,016</b>	<b>6,038</b>	<b>1,947</b>	—
<b>Subtotal crude petroleum</b>	<b>15,550</b>	<b>13,603</b>	—	<b>1,947</b>	—
2100 crude petroleum	15,550	13,603	—	<b>1,947</b>	—
<b>Subtotal petroleum products</b>	<b>8,450</b>	<b>2,412</b>	<b>6,038</b>	<b>0</b>	—
2211 gasoline	948	533	414	—	—
2221 kerosene	0	—	0	—	—
2330 distillate fuel oil	2,097	1,759	338	—	—
2340 residual fuel oil	6	—	6	—	—
2350 lube oil & greases	8	0	8	—	—
2410 petro. jelly & waxes	3	2	2	—	—
2429 naphtha & solvents	161	114	47	—	—
2430 asphalt, tar & pitch	1	0	0	—	—
2540 petroleum coke	5,221	0	5,220	0	—
2640 hydrocarbon & petrol gases, liquefied and gaseous	6	4	2	—	—
<b>Total chemicals and related products</b>	<b>4,404</b>	<b>1,159</b>	<b>3,016</b>	<b>228</b>	<b>1</b>
<b>Subtotal fertilizers</b>	<b>74</b>	<b>17</b>	<b>57</b>	—	—
3110 nitrogenous fert.	2	1	0	—	—
3120 phosphatic fert.	2	0	2	—	—
3130 potassic fert.	0	0	0	—	—
3190 fert. & mixes nec	70	15	55	—	—
<b>Subtotal other chemicals and related products</b>	<b>4,329</b>	<b>1,142</b>	<b>2,959</b>	<b>228</b>	<b>1</b>
3211 acyclic hydrocarbons	201	2	7	192	—
3212 benzene & toluene	1	0	1	—	—
3219 other hydrocarbons	24	13	11	—	—
3220 alcohols	115	22	62	31	—
3230 carboxylic acids	86	55	31	—	—
3240 nitrogen func. comp.	91	30	61	0	0
3250 organo - inorg. comp.	50	26	24	—	—
3260 organic comp. nec	78	23	53	2	0
3272 sulphuric acid	3	1	1	—	—
3273 ammonia	0	0	0	—	—
3274 sodium hydroxide	88	85	2	—	—
3275 inorg. elem., oxides, & halogen salts	218	60	159	0	—
3276 metallic salts	672	50	622	—	—
3279 inorganic chem. nec	19	13	5	0	0
3281 radioactive material	4	1	3	—	—
3282 pigments & paints	77	35	42	0	—
3283 coloring mat. nec	16	8	8	—	—
3284 medicines	84	46	37	0	0
3285 perfumes & cleansers	179	83	96	0	0
3286 plastics	1,774	382	1,391	0	0
3291 pesticides	35	24	11	—	—
3292 starches, gluten, glue	160	61	96	3	0
3293 explosives	42	41	1	—	—
3297 chemical additives	75	11	64	0	0
3298 wood & resin chem.	5	5	0	—	—
3299 chem. products nec	234	67	167	0	—
<b>Total crude materials, inedible except fuels</b>	<b>5,025</b>	<b>689</b>	<b>4,335</b>	<b>0</b>	<b>1</b>
<b>Subtotal forest products, wood and chips</b>	<b>327</b>	<b>199</b>	<b>127</b>	<b>0</b>	<b>1</b>
4110 rubber & gums	10	9	1	—	—
4150 fuel wood	2	1	0	—	—
4161 wood chips	1	0	0	—	—
4170 wood in the rough	56	8	48	—	—
4189 lumber	218	150	68	0	1
4190 forest products nec	40	31	10	0	0
<b>Subtotal pulp and waste paper</b>	<b>2,328</b>	<b>14</b>	<b>2,315</b>	<b>—</b>	<b>—</b>
4225 pulp & waste paper	2,328	14	2,315	—	—

LONG BEACH HARBOR, CA  
Freight Traffic, 2010 - continued  
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>301</b>	<b>290</b>	<b>11</b>	—	—
4310 building stone	138	137	1	—	—
4322 limestone	6	5	1	—	—
4323 gypsum	141	137	3	—	—
4331 sand & gravel	16	10	6	—	—
<b>Subtotal iron ore and scrap</b>	<b>1,117</b>	<b>4</b>	<b>1,114</b>	—	—
4410 iron ore	0	0	0	—	—
4420 iron & steel scrap	1,117	4	1,113	—	—
<b>Subtotal marine shells</b>	<b>2</b>	<b>1</b>	<b>0</b>	—	—
4515 marine shells	2	1	0	—	—
<b>Subtotal non-ferrous ores and scrap</b>	<b>218</b>	<b>9</b>	<b>209</b>	—	—
4630 copper ore	0	0	0	—	—
4650 aluminum ore	16	5	11	—	—
4670 manganese ore	0	0	0	—	—
4680 non-ferrous scrap	195	2	193	—	—
4690 non-ferrous ores nec	7	2	5	—	—
<b>Subtotal sulphur, clay and salt</b>	<b>541</b>	<b>13</b>	<b>528</b>	—	—
4741 sulphur, (dry)	520	1	519	—	—
4782 clay & refrac. mat.	21	12	9	—	—
<b>Subtotal slag</b>	<b>0</b>	<b>0</b>	—	—	—
4860 slag	0	0	—	—	—
<b>Subtotal other non-metal. min.</b>	<b>190</b>	<b>160</b>	<b>30</b>	—	—
4900 non-metal. min. nec	190	160	30	—	—
<b>Total primary manufactured goods</b>	<b>4,956</b>	<b>3,644</b>	<b>1,306</b>	<b>1</b>	<b>5</b>
<b>Subtotal paper products</b>	<b>696</b>	<b>504</b>	<b>191</b>	<b>1</b>	<b>1</b>
5110 newsprint	12	0	11	0	—
5120 paper & paperboard	389	257	131	1	0
5190 paper products nec	295	246	48	0	1
<b>Subtotal lime, cement and glass</b>	<b>1,097</b>	<b>1,021</b>	<b>72</b>	<b>0</b>	<b>4</b>
5210 lime	0	0	—	—	—
5220 cement & concrete	16	15	1	—	—
5240 glass & glass prod.	284	241	39	—	4
5290 misc. mineral prod.	797	765	32	0	0
<b>Subtotal primary iron and steel products</b>	<b>618</b>	<b>501</b>	<b>117</b>	<b>0</b>	<b>0</b>
5312 pig iron	25	18	7	—	—
5315 ferro alloys	23	22	1	—	—
5320 i&s primary forms	166	98	68	0	—
5330 i&s plates & sheets	127	119	8	—	—
5360 i&s bars & shapes	67	54	12	—	—
5370 i&s pipe & tube	161	144	18	—	0
5390 primary i&s nec	49	45	3	—	—
<b>Subtotal primary non-ferrous metal products</b>	<b>2,395</b>	<b>1,479</b>	<b>916</b>	<b>0</b>	<b>0</b>
5421 copper	72	33	39	—	—
5422 aluminum	108	86	21	0	—
5429 smelted prod. nec	699	26	672	—	—
5480 fab. metal products	1,516	1,333	183	0	0
<b>Subtotal primary wood products</b>	<b>150</b>	<b>141</b>	<b>9</b>	—	—
5540 primar wood prod.	150	141	9	—	—
<b>Total food and farm products</b>	<b>7,902</b>	<b>1,743</b>	<b>6,143</b>	<b>3</b>	<b>14</b>
<b>Subtotal fish</b>	<b>251</b>	<b>200</b>	<b>51</b>	<b>0</b>	—
6134 fish (not shellfish)	121	102	19	0	—
6136 shellfish	131	98	32	0	—
<b>Subtotal grain</b>	<b>529</b>	<b>24</b>	<b>505</b>	—	—
6241 wheat	2	0	2	—	—
6344 corn	501	1	500	—	—
6442 rice	24	23	2	—	—
6443 barley & rye	0	0	0	—	—
6445 oats	0	0	0	—	—
6447 sorghum grains	1	0	1	—	—
<b>Subtotal oilseeds</b>	<b>730</b>	<b>18</b>	<b>712</b>	—	—
6521 peanuts	3	2	1	—	—
6522 soybeans	616	12	605	—	—
6534 flaxseed	0	0	0	—	—
6590 oilseeds nec	111	4	106	—	—
<b>Subtotal vegetable products</b>	<b>832</b>	<b>233</b>	<b>598</b>	<b>1</b>	<b>0</b>
6653 vegetable oils	45	37	7	—	—
6654 vegetables & prod.	788	196	591	1	0
<b>Subtotal processed grain and animal feed</b>	<b>1,706</b>	<b>61</b>	<b>1,644</b>	<b>1</b>	<b>0</b>
6746 wheat flour	6	3	3	—	0
6747 grain mill products	251	29	221	0	—
6781 hay & fodder	544	2	542	—	—
6782 animal feed, prep.	905	26	878	1	0
<b>Subtotal other agricultural products</b>	<b>3,854</b>	<b>1,206</b>	<b>2,633</b>	<b>1</b>	<b>14</b>
6811 meat, fresh, frozen	363	111	251	1	0
6817 meat, prepared	26	9	18	—	—
6822 dairy products	175	15	161	—	—
6835 fish, prepared	39	39	0	—	—
6838 tallow, animal oils	9	5	4	0	—
6839 animals & prod. nec	285	15	270	0	—
6856 bananas & plantains	4	4	0	—	—
6857 fruit & nuts nec	679	205	474	—	0
6858 fruit juices	208	165	43	—	—
6861 sugar	6	6	1	—	—
6865 molasses	1	0	0	—	—
6871 coffee	570	14	556	—	—
6872 cocoa beans	5	4	1	—	—
6885 alcoholic beverages	321	257	52	0	13

LONG BEACH HARBOR, CA  
Freight Traffic, 2010 - continued  
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
6888 water & ice	132	124	8	—	—
6889 food products nec	448	215	233	0	1
6891 tobacco & products	3	2	0	—	—
6893 cotton	489	5	484	—	—
6894 natural fibers nec	6	2	4	—	—
6899 farm products nec	85	10	75	—	0
<b>Total all manufactured equipment, machinery and products</b>	<b>14,796</b>	<b>13,008</b>	<b>1,785</b>	<b>2</b>	<b>2</b>
7110 machinery (not elec)	1,406	1,051	354	0	0
7120 electrical machinery	3,035	2,818	216	0	0
7210 vehicles & parts	1,621	1,290	330	0	0
7220 aircraft & parts	12	5	8	0	—
7230 ships & boats	14	8	6	—	0
7300 ordnance & access.	9	8	1	0	—
7400 manufac. wood prod.	160	147	12	0	0
7500 textile products	1,975	1,750	225	0	0
7600 rubber & plastic pr.	1,744	1,436	308	0	0
7900 manufac. prod. nec	4,821	4,495	324	1	1
<b>Total unknown or not elsewhere classified</b>	<b>835</b>	<b>377</b>	<b>458</b>	<b>0</b>	<b>0</b>
9900 unknown or nec	835	377	458	0	0

Commodity	Total	Domestic			
		Coastwise		Internal	
		Receipts	Shipments	Receipts	Intraport
<b>Total. all commodities</b>	<b>12,870</b>	<b>9,098</b>	<b>2,472</b>	<b>1,055</b>	<b>164</b>
<b>Total petroleum and petroleum products</b>	<b>10,683</b>	<b>8,618</b>	<b>768</b>	<b>1,055</b>	<b>163</b>
<b>Subtotal crude petroleum</b>	<b>7,164</b>	<b>7,164</b>	<b>—</b>	<b>—</b>	<b>—</b>
2100 crude petroleum	7,164	7,164	—	—	—
<b>Subtotal petroleum products</b>	<b>3,519</b>	<b>1,454</b>	<b>768</b>	<b>1,055</b>	<b>163</b>
2211 gasoline	1,185	822	284	49	3
2330 distillate fuel oil	737	424	162	20	103
2340 residual fuel oil	1,295	91	202	982	18
2350 lube oil & greases	76	58	2	3	12
2429 naphtha & solvents	117	35	42	—	27
2540 petroleum coke	69	—	69	—	—
2640 hydrocarbon & petrol gases, liquefied and gaseous	0	—	0	—	—
2990 petro. products nec	39	24	7	—	8
<b>Total chemicals and related products</b>	<b>142</b>	<b>100</b>	<b>42</b>	<b>—</b>	<b>—</b>
<b>Subtotal fertilizers</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>—</b>	<b>—</b>
3190 fert. & mixes nec	1	0	1	—	—
<b>Subtotal other chemicals and related products</b>	<b>141</b>	<b>100</b>	<b>41</b>	<b>—</b>	<b>—</b>
3219 other hydrocarbons	9	—	9	—	—
3220 alcohols	98	98	—	—	—
3240 nitrogen func. comp.	0	—	0	—	—
3260 organic comp. nec	0	—	0	—	—
3274 sodium hydroxide	0	—	0	—	—
3275 inorg. elem., oxides, & halogen salts	0	—	0	—	—
3282 pigments & paints	7	0	7	—	—
3284 medicines	0	—	0	—	—
3285 perfumes & cleansers	19	0	19	—	—
3286 plastics	0	—	0	—	—
3291 pesticides	0	—	0	—	—
3292 starches, gluten, glue	0	—	0	—	—
3293 explosives	0	—	0	—	—
3299 chem. products nec	8	2	6	—	—
<b>Total crude materials, inedible except fuels</b>	<b>200</b>	<b>196</b>	<b>2</b>	<b>—</b>	<b>2</b>
<b>Subtotal forest products, wood and chips</b>	<b>193</b>	<b>192</b>	<b>1</b>	<b>—</b>	<b>—</b>
4189 lumber	192	192	1	—	—
4190 forest products nec	1	—	1	—	—
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>1</b>	<b>1</b>	<b>—</b>	<b>—</b>	<b>—</b>
4331 sand & gravel	1	1	—	—	—
<b>Subtotal iron ore and scrap</b>	<b>4</b>	<b>4</b>	<b>—</b>	<b>—</b>	<b>—</b>
4420 iron & steel scrap	4	4	—	—	—
<b>Subtotal sulphur, clay and salt</b>	<b>2</b>	<b>—</b>	<b>0</b>	<b>—</b>	<b>2</b>
4782 clay & refrac. mat.	2	—	0	—	2
<b>Subtotal other non-metal. min.</b>	<b>0</b>	<b>—</b>	<b>0</b>	<b>—</b>	<b>—</b>
4900 non-metal. min. nec	0	—	0	—	—
<b>Total primary manufactured goods</b>	<b>50</b>	<b>5</b>	<b>45</b>	<b>0</b>	<b>0</b>
<b>Subtotal paper products</b>	<b>26</b>	<b>3</b>	<b>24</b>	<b>—</b>	<b>—</b>
5120 paper & paperboard	0	—	0	—	—
5190 paper products nec	26	3	24	—	—
<b>Subtotal lime, cement and glass</b>	<b>2</b>	<b>—</b>	<b>2</b>	<b>—</b>	<b>—</b>
5220 cement & concrete	0	—	0	—	—
5240 glass & glass prod.	0	—	0	—	—
5290 misc. mineral prod.	2	—	2	—	—
<b>Subtotal primary iron and steel products</b>	<b>1</b>	<b>—</b>	<b>1</b>	<b>—</b>	<b>—</b>
5370 i&s pipe & tube	1	—	1	—	—
<b>Subtotal primary non-ferrous metal products</b>	<b>20</b>	<b>2</b>	<b>18</b>	<b>0</b>	<b>0</b>
5480 fab. metal products	20	2	18	0	0
<b>Subtotal primary wood products</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>—</b>	<b>—</b>
5540 primar wood prod.	0	—	0	—	—
<b>Total food and farm products</b>	<b>515</b>	<b>20</b>	<b>494</b>	<b>—</b>	<b>—</b>
<b>Subtotal fish</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>—</b>	<b>—</b>
6134 fish (not shellfish)	0	0	0	—	—
<b>Subtotal grain</b>	<b>2</b>	<b>—</b>	<b>2</b>	<b>—</b>	<b>—</b>
6442 rice	2	—	2	—	—
<b>Subtotal vegetable products</b>	<b>52</b>	<b>3</b>	<b>49</b>	<b>—</b>	<b>—</b>
6654 vegetables & prod.	52	3	49	—	—
<b>Subtotal processed grain and animal feed</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>—</b>	<b>—</b>
6781 hay & fodder	0	—	0	—	—
6782 animal feed, prep.	3	2	1	—	—
<b>Subtotal other agricultural products</b>	<b>458</b>	<b>15</b>	<b>443</b>	<b>—</b>	<b>—</b>
6811 meat, fresh, frozen	43	0	43	—	—

LONG BEACH HARBOR, CA  
Freight Traffic, 2010 - continued  
(thousand short tons)

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
6822 dairy products	0	—	0	—	—	—
6839 animals & prod. nec	1	0	1	—	—	—
6856 bananas & plantains	2	—	2	—	—	—
6857 fruit & nuts nec	1	1	0	—	—	—
6858 fruit juices	1	—	1	—	—	—
6861 sugar	0	0	—	—	—	—
6871 coffee	0	0	0	—	—	—
6885 alcoholic beverages	125	1	125	—	—	—
6887 groceries	0	—	0	—	—	—
6889 food products nec	284	13	271	—	—	—
6891 tobacco & products	0	—	0	—	—	—
6899 farm products nec	0	0	0	—	—	—
<b>Total all manufactured equipment, machinery and products</b>	<b>1,279</b>	<b>158</b>	<b>1,120</b>	<b>0</b>	<b>1</b>	<b>—</b>
7110 machinery (not elec)	40	4	35	0	1	—
7120 electrical machinery	24	9	16	—	—	—
7210 vehicles & parts	89	37	52	—	—	—
7220 aircraft & parts	0	—	0	—	—	—
7230 ships & boats	0	0	0	—	—	—
7300 ordnance & access.	9	—	9	—	—	—
7400 manufac. wood prod.	158	24	134	—	—	—
7500 textile products	0	—	0	—	—	—
7600 rubber & plastic pr.	7	2	6	—	—	—
7900 manufac. prod. nec	951	83	869	—	—	—
<b>Total waste and scrap nec</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>—</b>
8900 waste and scrap nec	1	0	0	—	—	—
<b>Total unknown or not elsewhere classified</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>—</b>
9900 unknown or nec	1	1	0	—	—	—

LOS ANGELES HARBOR, CA

Section Included: Entire harbor within the city limits of Los Angeles. Controlling Depth: 45 to 51 feet in entrance and outer harbor channels and basins; 45 feet in Los Angeles channel and inner harbor basins and channels; 35 feet in Cerritos Channel. Project Depth: 45 to 51 feet in entrance and outer harbor channels and basins; 45 feet in Los Angeles channel and inner harbor basins and channels; 35 feet in Cerritos Channel.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	51,396	2004	52,473	2007	65,502	<b>2010</b>	<b>62,387</b>
2002	52,216	2005	54,894	2008	59,788		
2003	51,327	2006	65,978	2009	58,406		

Freight Traffic, 2010 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
<b>Total, all commodities</b>	<b>55,944</b>	<b>34,459</b>	<b>21,264</b>	<b>190</b>	<b>31</b>
<b>Total coal</b>	<b>134</b>	<b>1</b>	<b>134</b>	<b>—</b>	<b>—</b>
1100 coal & lignite	131	1	130	—	—
1200 coal coke	3	0	3	—	—
<b>Total petroleum and petroleum products</b>	<b>7,778</b>	<b>6,607</b>	<b>1,041</b>	<b>110</b>	<b>20</b>
<b>Subtotal crude petroleum</b>	<b>2,798</b>	<b>2,688</b>	<b>—</b>	<b>110</b>	<b>—</b>
2100 crude petroleum	2,798	2,688	—	110	—
<b>Subtotal petroleum products</b>	<b>4,980</b>	<b>3,920</b>	<b>1,041</b>	<b>—</b>	<b>20</b>
2211 gasoline	1,596	1,325	252	—	20
2221 kerosene	126	126	0	—	—
2330 distillate fuel oil	2,631	2,308	323	—	—
2340 residual fuel oil	320	139	180	—	—
2350 lube oil & greases	6	0	6	—	—
2410 petro. jelly & waxes	17	14	3	—	—
2429 naphtha & solvents	81	1	80	—	—
2430 asphalt, tar & pitch	3	2	1	—	—
2540 petroleum coke	193	0	193	—	—
2640 hydrocarbon & petro gases, liquefied and gaseous	8	6	2	—	—
<b>Total chemicals and related products</b>	<b>5,099</b>	<b>1,742</b>	<b>3,283</b>	<b>73</b>	<b>0</b>
<b>Subtotal fertilizers</b>	<b>61</b>	<b>21</b>	<b>39</b>	<b>—</b>	<b>—</b>
3110 nitrogenous fert.	3	3	0	—	—
3120 phosphatic fert.	11	0	10	—	—
3130 potassic fert.	3	0	3	—	—
3190 fert. & mixes nec	44	18	26	—	—
<b>Subtotal other chemicals and related products</b>	<b>5,038</b>	<b>1,721</b>	<b>3,244</b>	<b>73</b>	<b>0</b>
3211 acyclic hydrocarbons	54	5	7	43	—
3212 benzene & toluene	15	13	2	—	—
3219 other hydrocarbons	48	25	23	—	0
3220 alcohols	177	45	103	29	—
3230 carboxylic acids	120	83	37	—	—
3240 nitrogen func. comp.	210	79	131	—	0
3250 organo - inorg. comp.	110	53	57	—	—
3260 organic comp. nec	195	41	152	2	—
3272 sulphuric acid	6	5	1	—	—
3273 ammonia	2	1	1	—	—
3274 sodium hydroxide	202	195	7	—	—
3275 inorg. elem., oxides, & halogen salts	352	72	280	—	—
3276 metallic salts	334	71	262	—	—
3279 inorganic chem. nec	24	12	12	—	—

LOS ANGELES HARBOR, CA  
Freight Traffic, 2010 - continued  
(thousand short tons)

	Commodity	Total	Foreign		Canadian	
			Inbound	Outbound	Inbound	Outbound
3281	radioactive material	5	2	4	—	—
3282	pigments & paints	80	50	30	—	—
3283	coloring mat. nec	27	14	13	—	—
3284	medicines	122	53	69	—	0
3285	perfumes & cleansers	238	123	115	—	0
3286	plastics	1,940	519	1,421	—	—
3291	pesticides	34	25	9	—	—
3292	starches, gluten, glue	221	68	153	0	—
3293	explosives	45	45	1	—	—
3297	chemical additives	136	8	129	—	—
3298	wood & resin chem.	7	7	1	—	—
3299	chem. products nec	332	106	226	—	—
<b>Total crude materials, inedible except fuels</b>		<b>5,405</b>	<b>562</b>	<b>4,842</b>	<b>0</b>	<b>—</b>
<b>Subtotal forest products, wood and chips</b>		<b>449</b>	<b>272</b>	<b>176</b>	<b>0</b>	<b>—</b>
4110	rubber & gums	25	23	1	—	—
4150	fuel wood	3	3	0	—	—
4161	wood chips	0	0	0	—	—
4170	wood in the rough	57	8	49	—	—
4189	lumber	319	199	120	0	—
4190	forest products nec	45	38	6	—	—
<b>Subtotal pulp and waste paper</b>		<b>2,958</b>	<b>12</b>	<b>2,946</b>	<b>—</b>	<b>—</b>
4225	pulp & waste paper	2,958	12	2,946	—	—
<b>Subtotal soil, sand, gravel, rock and stone</b>		<b>92</b>	<b>77</b>	<b>15</b>	<b>—</b>	<b>—</b>
4310	building stone	65	61	4	—	—
4322	limestone	5	3	2	—	—
4323	gypsum	6	0	6	—	—
4331	sand & gravel	16	12	4	—	—
<b>Subtotal iron ore and scrap</b>		<b>1,377</b>	<b>2</b>	<b>1,375</b>	<b>—</b>	<b>—</b>
4410	iron ore	0	—	0	—	—
4420	iron & steel scrap	1,377	2	1,375	—	—
<b>Subtotal marine shells</b>		<b>2</b>	<b>2</b>	<b>0</b>	<b>—</b>	<b>—</b>
4515	marine shells	2	2	0	—	—
<b>Subtotal non-ferrous ores and scrap</b>		<b>253</b>	<b>17</b>	<b>236</b>	<b>—</b>	<b>—</b>
4630	copper ore	1	0	1	—	—
4650	aluminum ore	20	10	9	—	—
4670	manganese ore	0	0	0	—	—
4680	non-ferrous scrap	220	5	215	—	—
4690	non-ferrous ores nec	13	2	10	—	—
<b>Subtotal sulphur, clay and salt</b>		<b>70</b>	<b>18</b>	<b>52</b>	<b>—</b>	<b>—</b>
4741	sulphur, (dry)	37	1	36	—	—
4782	clay & refrac. mat.	33	16	17	—	—
<b>Subtotal slag</b>		<b>1</b>	<b>1</b>	<b>0</b>	<b>—</b>	<b>—</b>
4860	slag	1	1	0	—	—
<b>Subtotal other non-metal. min.</b>		<b>203</b>	<b>162</b>	<b>41</b>	<b>—</b>	<b>—</b>
4900	non-metal. min. nec	203	162	41	—	—
<b>Total primary manufactured goods</b>		<b>7,968</b>	<b>5,984</b>	<b>1,978</b>	<b>6</b>	<b>0</b>
<b>Subtotal paper products</b>		<b>1,015</b>	<b>681</b>	<b>334</b>	<b>—</b>	<b>0</b>
5110	newsprint	31	27	4	—	—
5120	paper & paperboard	492	257	235	—	—
5190	paper products nec	491	396	95	—	0
<b>Subtotal lime, cement and glass</b>		<b>997</b>	<b>919</b>	<b>72</b>	<b>6</b>	<b>0</b>
5210	lime	0	0	—	—	—
5220	cement & concrete	28	27	1	—	—
5240	glass & glass prod.	294	243	50	—	0
5290	misc. mineral prod.	675	649	21	6	—
<b>Subtotal primary iron and steel products</b>		<b>2,016</b>	<b>1,944</b>	<b>72</b>	<b>—</b>	<b>—</b>
5312	pig iron	25	24	1	—	—
5315	ferro alloys	10	9	1	—	—
5320	i&s primary forms	1,319	1,309	10	—	—
5330	i&s plates & sheets	143	137	6	—	—
5360	i&s bars & shapes	104	93	11	—	—
5370	i&s pipe & tube	337	301	37	—	—
5390	primary i&s nec	79	72	6	—	—
<b>Subtotal primary non-ferrous metal products</b>		<b>3,779</b>	<b>2,293</b>	<b>1,485</b>	<b>0</b>	<b>0</b>
5421	copper	63	38	24	—	—
5422	aluminum	170	151	19	—	—
5429	smelted prod. nec	1,354	41	1,313	—	—
5480	fab. metal products	2,192	2,063	129	0	0
<b>Subtotal primary wood products</b>		<b>161</b>	<b>147</b>	<b>14</b>	<b>—</b>	<b>—</b>
5540	primar wood prod.	161	147	14	—	—
<b>Total food and farm products</b>		<b>10,439</b>	<b>2,951</b>	<b>7,477</b>	<b>0</b>	<b>11</b>
<b>Subtotal fish</b>		<b>490</b>	<b>421</b>	<b>69</b>	<b>0</b>	<b>—</b>
6134	fish (not shellfish)	186	155	31	—	—
6136	shellfish	304	266	38	0	—
<b>Subtotal grain</b>		<b>688</b>	<b>149</b>	<b>538</b>	<b>—</b>	<b>0</b>
6241	wheat	4	0	3	—	—
6344	corn	523	2	521	—	0
6442	rice	159	147	12	—	—
6443	barley & rye	1	0	0	—	—
6445	oats	0	0	0	—	—
6447	sorghum grains	0	0	0	—	—
<b>Subtotal oilseeds</b>		<b>927</b>	<b>25</b>	<b>902</b>	<b>0</b>	<b>—</b>
6521	peanuts	6	2	4	—	—
6522	soybeans	756	14	742	—	—
6534	flaxseed	0	0	0	—	—
6590	oilseeds nec	165	9	156	—	—
<b>Subtotal vegetable products</b>		<b>883</b>	<b>268</b>	<b>615</b>	<b>—</b>	<b>0</b>
6653	vegetable oils	37	25	12	—	0
6654	vegetables & prod.	845	243	602	—	0
<b>Subtotal processed grain and animal feed</b>		<b>2,039</b>	<b>80</b>	<b>1,958</b>	<b>—</b>	<b>0</b>
6746	wheat flour	6	4	2	—	—
6747	grain mill products	358	53	305	—	—
6781	hay & fodder	867	1	866	—	—
6782	animal feed, prep.	808	22	787	—	0
<b>Subtotal other agricultural products</b>		<b>5,413</b>	<b>2,008</b>	<b>3,395</b>	<b>0</b>	<b>10</b>
6811	meat, fresh, frozen	430	42	388	—	0

LOS ANGELES HARBOR, CA  
Freight Traffic, 2010 - continued  
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
6817 meat, prepared	34	2	32	—	—
6822 dairy products	154	9	145	—	—
6835 fish, prepared	135	133	2	—	—
6838 tallow, animal oils	11	8	3	—	—
6839 animals & prod. nec	337	12	325	—	—
6856 bananas & plantains	49	49	0	—	—
6857 fruit & nuts nec	820	457	363	0	0
6858 fruit juices	496	449	47	—	0
6861 sugar	14	12	1	—	—
6865 molasses	1	1	0	—	—
6871 coffee	628	114	514	—	0
6872 cocoa beans	12	12	0	—	—
6885 alcoholic beverages	360	298	52	—	10
6888 water & ice	78	67	11	—	—
6889 food products nec	632	296	336	—	0
6891 tobacco & products	4	4	0	—	—
6893 cotton	1,008	6	1,003	—	—
6894 natural fibers nec	15	13	1	—	—
6899 farm products nec	195	25	170	—	—
<b>Total all manufactured equipment, machinery and products</b>	<b>18,070</b>	<b>16,075</b>	<b>1,995</b>	<b>0</b>	<b>0</b>
7110 machinery (not elec)	1,587	1,327	260	0	0
7120 electrical machinery	3,222	2,996	226	0	0
7210 vehicles & parts	1,921	1,639	282	0	0
7220 aircraft & parts	9	6	3	—	0
7230 ships & boats	17	12	5	—	0
7300 ordnance & access.	12	11	1	—	—
7400 manufac. wood prod.	242	225	17	—	0
7500 textile products	2,827	2,504	324	0	0
7600 rubber & plastic pr.	2,156	1,645	512	—	0
7900 manufac. prod. nec	6,077	5,710	366	0	0
<b>Total unknown or not elsewhere classified</b>	<b>1,051</b>	<b>536</b>	<b>514</b>	<b>0</b>	<b>0</b>
9900 unknown or nec	1,051	536	514	0	0

Commodity	Total	Domestic			
		Coastwise		Internal	
		Receipts	Shipments	Receipts	Shipments
<b>Total, all commodities</b>	<b>6,443</b>	<b>4,038</b>	<b>667</b>	<b>164</b>	<b>1,055</b>
<b>Total petroleum and petroleum products</b>	<b>5,511</b>	<b>3,180</b>	<b>597</b>	<b>163</b>	<b>1,055</b>
<b>Subtotal crude petroleum</b>	<b>33</b>	<b>33</b>	<b>—</b>	<b>—</b>	<b>—</b>
2100 crude petroleum	33	33	—	—	—
<b>Subtotal petroleum products</b>	<b>5,478</b>	<b>3,147</b>	<b>597</b>	<b>163</b>	<b>1,055</b>
2211 gasoline	1,456	1,383	21	3	49
2330 distillate fuel oil	572	214	223	103	20
2340 residual fuel oil	3,048	1,211	331	18	982
2350 lube oil & greases	135	119	—	12	3
2429 naphtha & solvents	95	47	20	27	—
2990 petro. products nec	172	172	—	—	—
<b>Total chemicals and related products</b>	<b>77</b>	<b>77</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>Subtotal other chemicals and related products</b>	<b>77</b>	<b>77</b>	<b>—</b>	<b>—</b>	<b>—</b>
3220 alcohols	77	77	—	—	—
<b>Total crude materials, inedible except fuels</b>	<b>591</b>	<b>575</b>	<b>13</b>	<b>—</b>	<b>3</b>
<b>Subtotal forest products, wood and chips</b>	<b>3</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>3</b>
4170 wood in the rough	3	—	—	—	3
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>585</b>	<b>572</b>	<b>13</b>	<b>—</b>	<b>—</b>
4331 sand & gravel	585	572	13	—	—
<b>Subtotal sulphur, clay and salt</b>	<b>3</b>	<b>3</b>	<b>—</b>	<b>—</b>	<b>—</b>
4782 clav & refrac. mat.	3	3	—	—	—
<b>Total primary manufactured goods</b>	<b>0</b>	<b>0</b>	<b>—</b>	<b>0</b>	<b>0</b>
<b>Subtotal primary non-ferrous metal products</b>	<b>0</b>	<b>0</b>	<b>—</b>	<b>0</b>	<b>0</b>
5480 fab. metal products	0	0	—	0	0
<b>Total food and farm products</b>	<b>195</b>	<b>195</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>Subtotal vegetable products</b>	<b>0</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>—</b>
6653 vegetable oils	0	0	—	—	—
<b>Subtotal processed grain and animal feed</b>	<b>8</b>	<b>8</b>	<b>—</b>	<b>—</b>	<b>—</b>
6782 animal feed, prep.	8	8	—	—	—
<b>Subtotal other agricultural products</b>	<b>186</b>	<b>186</b>	<b>—</b>	<b>—</b>	<b>—</b>
6835 fish, prepared	186	186	—	—	—
<b>Total all manufactured equipment, machinery and products</b>	<b>69</b>	<b>11</b>	<b>57</b>	<b>1</b>	<b>0</b>
7110 machinery (not elec)	2	0	1	1	0
7120 electrical machinery	0	0	—	—	—
7210 vehicles & parts	0	0	0	—	—
7400 manufac. wood prod.	1	—	1	—	—
7600 rubber & plastic pr.	0	0	—	—	—
7900 manufac. prod. nec	65	10	55	—	—
<b>Total unknown or not elsewhere classified</b>	<b>0</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>—</b>
9900 unknown or nec	0	0	—	—	—

PORT HUENEME, CA

Section Included: Harbor at Port Hueneme. Project Depths: 40 feet in approach channel; 36 feet in entrance channel; 35 feet in Channel Basin and Channel A. Controlling Depth: 40 feet in approach channel; 36 feet in entrance channel; 35 feet in Central Basin and Channel A.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	1,134	2004	1,314	2007	1,471	<b>2010</b>	<b>1,382</b>
2002	1,152	2005	1,611	2008	1,301		
2003	1,090	2006	1,612	2009	1,372		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Foreign		Domestic	
		Inbound	Outbound	Coastwise	Shipments
<b>Total, all commodities</b>	<b>1,381</b>	<b>1,224</b>	<b>138</b>	<b>18</b>	
<b>Total petroleum and petroleum products</b>	<b>19</b>	<b>19</b>	<b>0</b>		
<b>Subtotal petroleum products</b>	<b>19</b>	<b>19</b>	<b>0</b>		
2429 naphtha & solvents	0		0		
2640 hydrocarbon & petrol gases, liquefied and gaseous	19	19			
<b>Total chemicals and related products</b>	<b>95</b>	<b>95</b>	<b>1</b>		
<b>Subtotal fertilizers</b>	<b>94</b>	<b>94</b>			
3110 nitrogenous fert.	94	94			
<b>Subtotal other chemicals and related products</b>	<b>1</b>	<b>0</b>	<b>1</b>		
3219 other hydrocarbons	0		0		
3230 carboxylic acids	0		0		
3275 inorg. elem., oxides, & halogen salts	0	0			
3276 metallic salts	0		0		
3281 radioactive material	0		0		
3282 pigments & paints	0		0		
3283 coloring mat. nec	0		0		
3285 perfumes & cleansers	0	0	0		
3286 plastics	0	0	0		
3292 starches, gluten, glue	0		0		
3299 chem. products nec	0		0		
<b>Total crude materials, inedible except fuels</b>	<b>20</b>	<b>0</b>	<b>19</b>	<b>1</b>	
<b>Subtotal pulp and waste paper</b>	<b>19</b>	<b>—</b>	<b>19</b>		
4225 pulp & waste paper	19	—	19		
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>1</b>	<b>—</b>	<b>0</b>	<b>1</b>	
4331 sand & gravel	1	—	0	1	
<b>Subtotal marine shells</b>	<b>0</b>	<b>0</b>			
4515 marine shells	0	0			
<b>Total primary manufactured goods</b>	<b>4</b>	<b>2</b>	<b>2</b>		
<b>Subtotal paper products</b>	<b>2</b>	<b>1</b>	<b>1</b>		
5120 paper & paperboard	1	0	1		
5190 paper products nec	1	1	0		
<b>Subtotal lime, cement and glass</b>	<b>0</b>	<b>—</b>	<b>0</b>		
5290 misc. mineral prod.	0	—	0		
<b>Subtotal primary iron and steel products</b>	<b>1</b>	<b>1</b>	<b>0</b>		
5360 i&s bars & shapes	0	0			
5370 i&s pipe & tube	0	—	0		
5390 primary i&s nec	0	0			
<b>Subtotal primary non-ferrous metal products</b>	<b>1</b>	<b>0</b>	<b>0</b>		
5422 aluminum	0	0	0		
5429 smelted prod. nec	0	0			
5480 fab. metal products	1	0	0		
<b>Subtotal primary wood products</b>	<b>0</b>	<b>0</b>	<b>0</b>		
5540 primar wood prod.	0	0	0		
<b>Total food and farm products</b>	<b>827</b>	<b>793</b>	<b>33</b>		
<b>Subtotal fish</b>	<b>0</b>	<b>0</b>	<b>0</b>		
6134 fish (not shellfish)	0	0	0		
6136 shellfish	0	0	0		
<b>Subtotal vegetable products</b>	<b>9</b>	<b>0</b>	<b>9</b>		
6653 vegetable oils	0		0		
6654 vegetables & prod.	9	0	9		
<b>Subtotal processed grain and animal feed</b>	<b>0</b>	<b>0</b>	<b>0</b>		
6746 wheat flour	0		0		
6782 animal feed, prep.	0	—	0		
<b>Subtotal other agricultural products</b>	<b>818</b>	<b>793</b>	<b>25</b>		
6811 meat, fresh, frozen	0	0			
6822 dairy products	1	—	1		
6838 tallow, animal oils	0	—	0		
6839 animals & prod. nec	0	—	0		
6856 bananas & plantains	685	685	0		
6857 fruit & nuts nec	124	102	22		
6858 fruit juices	5	5	0		
6861 sugar	0	0			
6885 alcoholic beverages	0	0	0		
6889 food products nec	1	0	1		
6893 cotton	0	—	0		
6899 farm products nec	0	0	0		
<b>Total all manufactured equipment, machinery and products</b>	<b>329</b>	<b>231</b>	<b>80</b>	<b>18</b>	
7110 machinery (not elec)	43	18	9	16	
7120 electrical machinery	9	8	1		
7210 vehicles & parts	262	201	61		
7220 aircraft & parts	0	0	0		
7230 ships & boats	1	1	0		
7300 ordnance & access.	1	0	0		
7400 manufac. wood prod.	0	—	0		
7500 textile products	7	0	7		
7600 rubber & plastic pr.	2	2	0		
7900 manufac. prod. nec	5	1	2	1	
<b>Total unknown or not elsewhere classified</b>	<b>88</b>	<b>85</b>	<b>3</b>		
9900 unknown or nec	88	85	3		

Other Harbors and Waterways 2010

Harbor or Waterway Project	Commodity	Thousand Short Tons
MISSION BAY, CA	2340 residual fuel oil	0
MORRO BAY HARBOR, CA	<b>Total Tons(x1000)</b>	<b>0</b>
NEWPORT BAY HARBOR, CA	No Commerce Reported	
OCEANSIDE HARBOR, CA	No Commerce Reported	
REDONDO BEACH, CA	No Commerce Reported	
SANTA BARBARA HARBOR, CA	5480 fab. metal products	0
	6888 water & ice	0
	7110 machinery (not elec)	0
	7600 rubber & plastic pr.	0
	7900 manufac. prod. nec	0
	<b>Total Tons(x1000)</b>	<b>0</b>

SACRAMENTO RIVER, CA (INCLUDING COMMERCE OF SACRAMENTO RIVER DEEPWATER SHIP CHANNEL AND THE PORT OF SACRAMENTO, CA)

Section Included: From mouth of river to Red Bluff via river route, a distance of 248 miles; from mouth of Cache Slough to Washington Lake via Sacramento River Deepwater Ship Channel, a distance of 29.9 miles. Controlling Depth: Mouth of river to Cache Slough, 29 feet; mouth of Cache Slough to Washington Lake via Sacramento River Deepwater Ship Channel, 29 feet; mouth of Cache Slough to Sacramento via river route, 10 feet; Sacramento to Colusa, 6 feet in low water season; Colusa to Chico Landing, 3 feet., Chico Landing to Red Bluff, 1.5 feet. Project Depth: 30 feet from mouth of river to Cache Slough; 30 feet from Cache Slough to Washington Lake via Sacramento River Deepwater Ship Channel; 10 feet from mouth of Cache Slough to Sacramento via river route; 6 feet from Sacramento to Colusa; 5 feet. from Colusa to Chico Landing; such depths as practicable from Chico Landing to Red Bluff.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	690	2004	594	2007	824	2010	657
2002	657	2005	692	2008	889		
2003	770	2006	487	2009	611		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Foreign		Domestic			
		Inbound	Outbound	Total		Internal	
				Upbound	Downbound	Outbound	Intra
<b>Total, all commodities</b>	<b>657</b>	<b>87</b>	<b>298</b>	<b>272</b>	<b>64</b>	<b>197</b>	<b>10</b>
<b>Total chemicals and related products</b>	<b>79</b>	<b>79</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
Subtotal fertilizers	30	30	—	—	—	—	—
3110 nitrogenous fert.	30	30	—	—	—	—	—
Subtotal other chemicals and related products	49	49	—	—	—	—	—
3273 ammonia	37	37	—	—	—	—	—
3276 metallic salts	11	11	—	—	—	—	—
<b>Total crude materials, inedible except fuels</b>	<b>272</b>	<b>—</b>	<b>—</b>	<b>272</b>	<b>64</b>	<b>197</b>	<b>10</b>
Subtotal soil, sand, gravel, rock and stone	251	—	—	251	43	197	10
4331 sand & gravel	251	—	—	251	43	197	10
Subtotal marine shells	21	—	—	21	21	—	—
4515 marine shells	21	—	—	21	21	—	—
<b>Total primary manufactured goods</b>	<b>0</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
Subtotal primary non-ferrous metal products	0	0	—	—	—	—	—
5480 fab. metal products	0	0	—	—	—	—	—
<b>Total food and farm products</b>	<b>297</b>	<b>—</b>	<b>297</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
Subtotal grain	297	—	297	—	—	—	—
6442 rice	297	—	297	—	—	—	—
<b>Total all manufactured equipment, machinery and products</b>	<b>9</b>	<b>8</b>	<b>1</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
7110 machinery (not elec)	8	8	—	—	—	—	—
7600 rubber & plastic pr.	1	—	1	—	—	—	—
<b>Ton-miles (x1000)</b>	<b>34,553</b>	<b>7,506</b>	<b>25,591</b>	<b>1,455</b>	<b>0</b>	<b>1,382</b>	<b>73</b>
<b>Tons All Traffic (x1000)</b>	<b>657</b>						
<b>Ton-miles All Traffic (x1000)</b>	<b>34,553</b>						
<b>Total Trip-ton-miles Internal and Intraport (x1000)</b>	<b>12,051</b>						

SACRAMENTO RIVER DEEPWATER SHIP CHANNEL, CA (INCLUDED IN SACRAMENTO RIVER, CA)

Section Included: A Deepwater Ship Channel from Suisun Bay to the Inland Harbor at Sacramento, a distance of 43 miles; a triangular shaped deep draft harbor and turning basin located at West Sacramento; a 1.5 mile-long barge canal with navigation lock connecting the deep draft harbor with the Sacramento River. Controlling Depth: 29 feet. in the Deepwater Ship Channel and triangular shaped harbor and turning basin; 13 feet in the barge canal. Project Depth: 30 feet in the Deepwater Ship Channel and triangular shaped harbor and turning basin; 13 feet in the barge canal.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	669	2004	545	2007	700	2010	385
2002	619	2005	589	2008	825		
2003	743	2006	386	2009	490		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Foreign	
		Inbound	Outbound
<b>Total, all commodities</b>	<b>385</b>	<b>87</b>	<b>298</b>
<b>Total chemicals and related products</b>	<b>79</b>	<b>79</b>	<b>—</b>
Subtotal fertilizers	30	30	—
3110 nitrogenous fert.	30	30	—
Subtotal other chemicals and related products	49	49	—
3273 ammonia	37	37	—
3276 metallic salts	11	11	—
<b>Total primary manufactured goods</b>	<b>0</b>	<b>0</b>	<b>—</b>
Subtotal primary non-ferrous metal products	0	0	—
5480 fab. metal products	0	0	—
<b>Total food and farm products</b>	<b>297</b>	<b>—</b>	<b>297</b>
Subtotal grain	297	—	297
6442 rice	297	—	297
<b>Total all manufactured equipment, machinery and products</b>	<b>9</b>	<b>8</b>	<b>1</b>
7110 machinery (not elec)	8	8	—
7600 rubber & plastic pr.	1	—	1
<b>Ton-miles (x1000)</b>	<b>15,779</b>	<b>3,579</b>	<b>12,200</b>
<b>Tons All Traffic (x1000)</b>	<b>385</b>		
<b>Ton-miles All Traffic (x1000)</b>	<b>15,779</b>		

SACRAMENTO, CA (INCLUDED IN SACRAMENTO RIVER, CA)

Section Included: A triangular shaped harbor and turning basin at Washington Lake, West Sacramento, adjacent to channel; a connecting barge canal to the Sacramento River shallow draft channel; thence upstream to a point approximately 6.6 miles upstream at Bryte. Controlling Depth: 29 feet in the deepwater channel harbor and turning basin; 13 feet in the connecting barge canal; 10 feet in the shallow draft channel. Project Depth: 30 feet in the deepwater channel harbor and turning basin; 13 feet in the connecting barge canal; 10 feet in the shallow draft channel.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	669	2004	547	2007	700	2010	385
2002	619	2005	589	2008	825		
2003	743	2006	386	2009	490		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Foreign	
		Inbound	Outbound
<b>Total, all commodities</b>	385	87	298
<b>Total chemicals and related products</b>	79	79	—
<b>Subtotal fertilizers</b>	30	30	—
3110 nitrogenous fert.	30	30	—
<b>Subtotal other chemicals and related products</b>	49	49	—
3273 ammonia	37	37	—
3276 metallic salts	11	11	—
<b>Total primary manufactured goods</b>	0	0	—
<b>Subtotal primary non-ferrous metal products</b>	0	0	—
5480 fab. metal products	0	0	—
<b>Total food and farm products</b>	297	—	297
<b>Subtotal grain</b>	297	—	297
6442 rice	297	—	297
<b>Total all manufactured equipment, machinery and products</b>	9	8	1
7110 machinery (not elec)	8	8	—
7600 rubber & plastic pr.	1	—	1

SAN JOAQUIN RIVER, CA (INCLUDING COMMERCE OF PORT OF STOCKTON, CA)

Section Included: From mouth of New York Slough to city of Stockton, 41 miles; from Stockton Channel to Hills Ferry, 84 miles. Controlling Depth: mouth of river to Mormon Channel, Stockton, 35 feet; other connecting channels, 2 feet to 9 feet; to Edison Street, 22 feet. Project Depth: 35 feet from the mouth of New York Slough to Mormon Channel at Stockton; 30 feet from Mormon Channel to Edison Street; other connecting channels, 9 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	3,996	2004	4,619	2007	5,182	2010	3,438
2002	4,840	2005	4,965	2008	3,783		
2003	3,539	2006	6,367	2009	3,346		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Foreign		Domestic	
		Inbound	Outbound	Total	Internal
				Inbound	Through Upbound
<b>Total, all commodities</b>	3,438	1,769	1,566	102	44
<b>Total petroleum and petroleum products</b>	1,052	1	1,050	—	—
<b>Subtotal petroleum products</b>	1,052	1	1,050	—	—
2350 lube oil & greases	10	—	10	—	—
2410 petro. jelly & waxes	1	1	—	—	—
2540 petroleum coke	1,040	—	1,040	—	—
<b>Total chemicals and related products</b>	801	797	3	—	—
<b>Subtotal fertilizers</b>	585	585	—	—	—
3110 nitrogenous fert.	526	526	—	—	—
3130 potassic fert.	22	22	—	—	—
3190 fert. & mixes nec	38	38	—	—	—
<b>Subtotal other chemicals and related products</b>	216	212	3	—	—
3211 acyclic hydrocarbons	2	—	2	—	—
3240 nitrogen func. comp.	0	0	—	—	—
3260 organic comp. nec	0	0	—	—	—
3273 ammonia	201	201	—	—	—
3274 sodium hydroxide	3	3	—	—	—
3276 metallic salts	8	8	—	—	—
3286 plastics	1	0	1	—	—
<b>Total crude materials, inedible except fuels</b>	472	184	219	69	11
<b>Subtotal soil, sand, gravel, rock and stone</b>	189	120	—	69	11
4323 gypsum	120	120	—	—	—
4331 sand & gravel	69	—	—	69	11
<b>Subtotal sulphur, clay and salt</b>	219	—	219	—	—
4741 sulphur, (dry)	219	—	219	—	—
<b>Subtotal slag</b>	64	64	—	—	—
4860 slag	64	64	—	—	—
<b>Total primary manufactured goods</b>	617	617	—	—	—
<b>Subtotal lime, cement and glass</b>	168	168	—	—	—
5220 cement & concrete	168	168	—	—	—
<b>Subtotal primary iron and steel products</b>	264	264	—	—	—
5320 i&s primary forms	30	30	—	—	—
5330 i&s plates & sheets	193	193	—	—	—
5360 i&s bars & shapes	11	11	—	—	—
5370 i&s pipe & tube	30	30	—	—	—

SAN JOAQUIN RIVER, CA (INCLUDING COMMERCE OF PORT OF STOCKTON, CA)  
Freight Traffic, 2010 - continued  
(thousand short tons)

Commodity	Grand Total	Foreign		Domestic		
		Inbound	Outbound	Total	Internal	
				Upbound	Through	Upbound
<b>Subtotal primary non-ferrous metal products</b>	184	184	—	—	—	—
5480 fab. metal products	184	184	—	—	—	—
<b>Total food and farm products</b>	<b>481</b>	<b>155</b>	<b>293</b>	<b>33</b>	<b>33</b>	<b>—</b>
<b>Subtotal grain</b>	<b>291</b>	—	<b>291</b>	—	—	—
6442 rice	291	—	291	—	—	—
<b>Subtotal vegetable products</b>	<b>31</b>	<b>29</b>	<b>2</b>	—	—	—
6653 vegetable oils	31	29	2	—	—	—
<b>Subtotal other agricultural products</b>	<b>159</b>	<b>126</b>	—	<b>33</b>	<b>33</b>	—
6861 sugar	28	28	—	—	—	—
6865 molasses	127	94	—	33	33	—
6889 food products nec	4	4	—	—	—	—
<b>Total all manufactured equipment, machinery and products</b>	<b>11</b>	<b>10</b>	<b>2</b>	<b>0</b>	<b>0</b>	—
7110 machinery (not elec)	7	5	1	0	0	—
7120 electrical machinery	1	1	—	—	—	—
7210 vehicles & parts	0	0	—	—	—	—
7600 rubber & plastic pr.	1	1	1	—	—	—
7900 manufac. prod. nec	2	2	—	—	—	—
<b>Total unknown or not elsewhere classified</b>	<b>5</b>	<b>5</b>	—	—	—	—
9900 unknown or nec	5	5	—	—	—	—
<b>Ton-miles (x1000)</b>	<b>79,678</b>	<b>53,692</b>	<b>23,159</b>	<b>2,827</b>	<b>1,421</b>	<b>1,406</b>

Tons All Traffic (x1000) **3,438**  
Ton-miles All Traffic (x1000) **79,678**  
Total Trip-ton-miles Internal and Intraport (x1000) **5,710**

STOCKTON, CA (INCLUDED IN SAN JOAQUIN RIVER, CA)

Section Included: Harbor at Stockton (and vicinity). Controlling Depth: 35 feet in Stockton Channel up to mouth of Mormon Channel; 8 feet in Mormon Channel; 8 feet in Fremont Channel, McLeod Lake and in the head of Stockton Channel. Project Depth: (Included in San Joaquin River project).

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	2,605	2004	2,809	2007	2,823	<b>2010</b>	<b>1,814</b>
2002	2,428	2005	2,643	2008	1,772		
2003	1,980	2006	3,042	2009	1,633		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Foreign		Domestic	
		Inbound	Outbound	Internal	Receipts
				Upbound	Through
<b>Total, all commodities</b>	<b>1,814</b>	<b>1,258</b>	<b>523</b>	<b>33</b>	—
<b>Total petroleum and petroleum products</b>	<b>13</b>	<b>1</b>	<b>11</b>	<b>—</b>	—
<b>Subtotal petroleum products</b>	<b>13</b>	<b>1</b>	<b>11</b>	<b>—</b>	—
2410 petro. jelly & waxes	1	1	—	—	—
2540 petroleum coke	11	—	11	—	—
<b>Total chemicals and related products</b>	<b>797</b>	<b>797</b>	—	—	—
<b>Subtotal fertilizers</b>	<b>585</b>	<b>585</b>	—	—	—
3110 nitrogenous fert.	526	526	—	—	—
3130 potassic fert.	22	22	—	—	—
3190 fert. & mixes nec	38	38	—	—	—
<b>Subtotal other chemicals and related products</b>	<b>212</b>	<b>212</b>	—	—	—
3240 nitrogen func. comp.	0	0	—	—	—
3260 organic comp. nec	0	0	—	—	—
3273 ammonia	201	201	—	—	—
3274 sodium hydroxide	3	3	—	—	—
3276 metallic salts	8	8	—	—	—
3286 plastics	0	0	—	—	—
<b>Total crude materials, inedible except fuels</b>	<b>283</b>	<b>64</b>	<b>219</b>	<b>—</b>	—
<b>Subtotal sulphur, clay and salt</b>	<b>219</b>	—	<b>219</b>	<b>—</b>	—
4741 sulphur, (dry)	219	—	219	—	—
<b>Subtotal slag</b>	<b>64</b>	<b>64</b>	—	—	—
4860 slag	64	64	—	—	—
<b>Total primary manufactured goods</b>	<b>226</b>	<b>226</b>	—	—	—
<b>Subtotal lime, cement and glass</b>	<b>168</b>	<b>168</b>	—	—	—
5220 cement & concrete	168	168	—	—	—
<b>Subtotal primary iron and steel products</b>	<b>55</b>	<b>55</b>	—	—	—
5330 i&s plates & sheets	15	15	—	—	—
5360 i&s bars & shapes	11	11	—	—	—
5370 i&s pipe & tube	30	30	—	—	—
<b>Subtotal primary non-ferrous metal products</b>	<b>2</b>	<b>2</b>	—	—	—
5480 fab. metal products	2	2	—	—	—
<b>Total food and farm products</b>	<b>479</b>	<b>155</b>	<b>291</b>	<b>33</b>	—
<b>Subtotal grain</b>	<b>291</b>	—	<b>291</b>	—	—
6442 rice	291	—	291	—	—
<b>Subtotal vegetable products</b>	<b>29</b>	<b>29</b>	—	—	—
6653 vegetable oils	29	29	—	—	—
<b>Subtotal other agricultural products</b>	<b>159</b>	<b>126</b>	—	<b>33</b>	—
6861 sugar	28	28	—	—	—
6865 molasses	127	94	—	33	—

STOCKTON, CA (INCLUDED IN SAN JOAQUIN RIVER, CA)  
 Freight Traffic, 2010 - continued  
 (thousand short tons)

Commodity	Grand Total	Foreign		Domestic
		Inbound	Outbound	Internal Receipts
6889 food products nec	4	4	—	—
<b>Total all manufactured equipment, machinery and products</b>	<b>11</b>	<b>10</b>	<b>2</b>	<b>0</b>
7110 machinery (not elec)	7	5	1	0
7120 electrical machinery	1	1	—	—
7210 vehicles & parts	0	0	—	—
7600 rubber & plastic pr.	1	1	1	—
7900 manufac. prod. nec	2	2	—	—
<b>Total unknown or not elsewhere classified</b>	<b>5</b>	<b>5</b>	<b>—</b>	<b>—</b>
9900 unknown or nec	5	5	—	—

Other Harbors and Waterways 2010

Harbor or Waterway Project	Commodity	Thousand Short Tons
MIDDLE RIVER, CA	No Commerce Reported	
MOKELUMNE RIVER, CA	No Commerce Reported	
OLD RIVER, CA	4331 sand & gravel	59
	<b>Total Tons(x1000)</b>	<b>59</b>
	<b>Total Ton-miles(x1000)</b>	<b>703</b>
	<b>Total Trip-ton-miles Internal and Intraport (x1000)</b>	<b>2,636</b>

TOTAL WATERBORNE COMMERCE OF THE SAN FRANCISCO BAY AND DELTA AREAS, CA

Freight Traffic, 2010  
(thousand short tons)

Locality	*Foreign/Canadian		Domestic				Total	Percent	Through		
	Inbound	Outbound	Coastwise		Internal				Traffic		
			Receipts	Shipmnts	Receipts	Inraport					
NEWARK SLOUGH, CA	—	—	—	—	—	—	—	0.00	—		
SACRAMENTO RIVER, CA	87	298	—	—	261	10	657	0.95	—		
OTHER SAN FRANCISCO BAY AREA PORTS, CA	485	24	—	2	1,052	106	1,670	2.40	—		
SAN RAFAEL CREEK, CA	—	—	—	—	—	—	—	0.00	—		
PETALUMA RIVER, CA	—	—	—	—	310	—	310	0.45	—		
SAN JOAQUIN RIVER, CA**	1,769	1,566	—	—	44	0	3,379	4.86	59		
REDWOOD CITY HARBOR, CA	420	574	—	—	51	—	1,045	1.50	—		
SAN PABLO BAY AND MARE ISLAND STRAIT, CA	252	494	848	64	56	8	1,722	2.48	20,547		
RICHMOND HARBOR, CA	10,668	2,098	5,970	3,232	1,678	532	24,178	34.80	—		
CARQUINEZ STRAIT, CA	7,676	1,302	3,107	2,286	475	92	14,937	21.50	5,659		
NAPA RIVER, CA	—	—	—	—	54	—	54	0.08	—		
BERKELEY, CA	—	—	—	—	—	—	—	0.00	—		
SAN FRANCISCO HARBOR, CA	476	144	21	—	265	—	906	1.30	—		
SUISUN BAY CHANNEL, CA	13	267	638	354	693	44	2,010	2.89	3,902		
OAKLAND HARBOR, CA	6,735	9,610	144	1,035	1,081	5	18,610	26.79	—		
ALVISO SLOUGH, CA	—	—	—	—	—	—	—	0.00	—		
COYOTE HILL SLOUGH, CA	—	—	—	—	—	—	—	0.00	—		
SUISUN CHANNEL, CA	—	—	—	—	—	—	—	0.00	—		
TOTAL (UNADJUSTED)	28,580	16,377	10,728	6,973	6,020	798	69,476	—	30,167		
PERCENT (UNADJUSTED)	41.14	23.57	15.44	10.04	8.67	1.15	—	100.00	—		
NET VOLUME OF TONNAGE FOR THE AREA***	28,580	16,377	10,728	6,973	3,090	798	66,546	—	—		
PERCENT (ADJUSTED)	42.95	24.61	16.12	10.48	4.64	1.20	—	100.00	—		

\* Not included in the tonnage of the Bay and Delta Areas.

\*\* Tributaries to San Joaquin River include Mokelumne Middle, and Old River.

\*\*\* Adjusted to net volume by excluding duplication of internal traffic moved between ports and waterways of the San Francisco Bay and Delta Areas.

SAN FRANCISCO BAY ENTRANCE, CA

Section Included: Main ship channel. Controlling Depth: Main ship channel, 55.0 feet. Project Depth: Main ship channel, 55 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	56,965	2004	63,674	2007	66,290	<b>2010</b>	<b>62,658</b>
2002	54,143	2005	65,239	2008	67,309		
2003	58,538	2006	69,995	2009	62,960		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Through		Through		Total	Coastwise	
		Upbound	Downbnd	Upbound	Downbnd		Through	Upbound
<b>Total, all commodities</b>	<b>62,658</b>	<b>26,262</b>	<b>15,478</b>	<b>2,318</b>	<b>899</b>	<b>17,701</b>	<b>10,728</b>	<b>6,973</b>
<b>Total coal</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
1100 coal & lignite	1	1	0	0	—	—	—	—
1200 coal coke	0	—	0	—	—	—	—	—
<b>Total petroleum and petroleum products</b>	<b>38,342</b>	<b>16,968</b>	<b>3,939</b>	<b>651</b>	<b>868</b>	<b>15,916</b>	<b>10,345</b>	<b>5,571</b>
<b>Subtotal crude petroleum</b>	<b>21,603</b>	<b>15,099</b>	<b>—</b>	<b>538</b>	<b>—</b>	<b>5,966</b>	<b>5,966</b>	<b>—</b>
2100 crude petroleum	21,603	15,099	—	538	—	5,966	5,966	—
<b>Subtotal petroleum products</b>	<b>16,739</b>	<b>1,869</b>	<b>3,939</b>	<b>113</b>	<b>868</b>	<b>9,949</b>	<b>4,379</b>	<b>5,571</b>
2211 gasoline	7,335	215	737	—	640	5,743	2,283	3,460
2221 kerosene	48	—	48	—	—	—	—	—
2330 distillate fuel oil	4,922	1,521	1,161	113	222	1,905	1,068	837
2340 residual fuel oil	2,072	43	377	—	—	1,652	982	669
2350 lube oil & greases	650	—	84	—	—	567	0	567
2410 petro. jelly & waxes	89	89	0	—	—	—	—	—
2429 naphta & solvents	125	0	36	—	6	83	45	37
2430 asphalt, tar & pitch	9	0	8	—	—	—	—	—
2540 petroleum coke	1,488	0	1,488	—	—	—	—	—
2640 hydrocarbon & petrol gases, liquefied and gaseous	1	1	0	—	—	—	—	—
2990 petro. products nec	1	—	—	—	—	1	—	1
<b>Total chemicals and related products</b>	<b>2,412</b>	<b>1,393</b>	<b>496</b>	<b>54</b>	<b>21</b>	<b>448</b>	<b>78</b>	<b>370</b>
<b>Subtotal fertilizers</b>	<b>651</b>	<b>627</b>	<b>18</b>	<b>0</b>	<b>—</b>	<b>5</b>	<b>0</b>	<b>5</b>
3110 nitrogenous fert.	557	557	0	—	—	—	—	—
3120 phosphatic fert.	3	0	3	—	—	—	—	—

SAN FRANCISCO BAY ENTRANCE, CA  
Freight Traffic, 2010 - continued  
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Through		Through		Total	Coastwise	
		Upbound	Downbnd	Upbound	Downbnd		Through	Upbound
3130 potassic fert.	22	22	0	—	—	—	—	—
3190 fert. & mixes nec	68	48	15	0	—	5	0	5
<b>Subtotal other chemicals and related products</b>	<b>1,761</b>	<b>766</b>	<b>477</b>	<b>53</b>	<b>21</b>	<b>443</b>	<b>78</b>	<b>365</b>
3211 acyclic hydrocarbons	95	6	11	52	—	25	—	25
3212 benzene & toluene	82	0	—	—	—	82	77	6
3219 other hydrocarbons	2	1	1	—	—	0	—	0
3220 alcohols	341	7	9	—	—	325	—	325
3230 carboxylic acids	29	26	3	—	—	0	—	0
3240 nitrogen func. comp.	15	4	11	—	—	—	—	—
3250 organo - inorg. comp.	7	4	3	—	—	—	—	—
3260 organic comp. nec	9	3	6	—	0	0	—	0
3272 sulphuric acid	1	0	1	—	—	—	—	—
3273 ammonia	239	239	0	—	—	—	—	—
3274 sodium hydroxide	201	200	1	—	—	—	—	—
3275 inorg. elem., oxides, & halogen salts	42	19	22	0	—	—	—	—
3276 metallic salts	73	49	6	—	18	—	—	—
3279 inorganic chem. nec	5	3	2	—	—	—	—	—
3281 radioactive material	10	4	6	—	0	—	—	—
3282 pigments & paints	17	5	11	—	—	1	—	1
3283 coloring mat. nec	3	1	1	—	—	—	—	—
3284 medicines	28	12	16	—	0	—	—	—
3285 perfumes & cleansers	64	15	46	0	—	3	0	3
3286 plastics	363	103	260	0	—	0	—	0
3291 pesticides	8	6	1	—	—	0	—	0
3292 starches, gluten, glue	61	44	15	2	—	—	—	—
3293 explosives	2	2	0	0	—	—	—	—
3297 chemical additives	7	0	4	—	3	—	—	—
3298 wood & resin chem.	0	0	—	—	—	—	—	—
3299 chem. products nec	57	11	39	—	0	6	1	5
<b>Total crude materials, inedible except fuels</b>	<b>6,678</b>	<b>672</b>	<b>4,396</b>	<b>1,607</b>	<b>0</b>	<b>3</b>	<b>2</b>	<b>1</b>
<b>Subtotal forest products, wood and chips</b>	<b>210</b>	<b>142</b>	<b>64</b>	<b>4</b>	<b>—</b>	<b>0</b>	<b>0</b>	<b>0</b>
4110 rubber & gums	2	1	1	—	—	—	—	—
4150 fuel wood	2	2	0	—	—	—	—	—
4161 wood chips	1	0	0	—	—	—	—	—
4170 wood in the rough	43	16	27	—	—	—	—	—
4189 lumber	144	108	32	4	—	0	0	0
4190 forest products nec	19	15	4	—	—	0	—	0
<b>Subtotal pulp and waste paper</b>	<b>1,781</b>	<b>17</b>	<b>1,764</b>	<b>1</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
4225 pulp & waste paper	1,781	17	1,764	1	—	—	—	—
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>1,972</b>	<b>368</b>	<b>3</b>	<b>1,602</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
4310 building stone	38	38	0	—	—	—	—	—
4322 limestone	2	2	0	—	—	—	—	—
4323 gypsum	325	325	0	—	—	—	—	—
4331 sand & gravel	1,607	4	2	1,602	—	—	—	—
<b>Subtotal iron ore and scrap</b>	<b>2,106</b>	<b>0</b>	<b>2,103</b>	<b>—</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>0</b>
4410 iron ore	215	0	215	—	—	—	—	—
4420 iron & steel scrap	1,891	0	1,889	—	2	2	—	0
<b>Subtotal marine shells</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
4515 marine shells	0	0	0	—	—	—	—	—
<b>Subtotal non-ferrous ores and scrap</b>	<b>161</b>	<b>68</b>	<b>93</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
4630 copper ore	0	0	—	—	—	—	—	—
4650 aluminum ore	65	63	1	—	—	—	—	—
4680 non-ferrous scrap	92	0	91	—	—	—	—	—
4690 non-ferrous ores nec	4	4	0	—	—	—	—	—
<b>Subtotal sulphur, clay and salt</b>	<b>260</b>	<b>3</b>	<b>257</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
4741 sulphur, (dry)	251	1	250	—	—	—	—	—
4782 clay & refrac. mat.	9	1	8	—	—	—	—	—
<b>Subtotal slag</b>	<b>65</b>	<b>65</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
4860 slag	65	65	—	—	—	—	—	—
<b>Subtotal other non-metal. min.</b>	<b>123</b>	<b>10</b>	<b>112</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
4900 non-metal. min. nec	123	10	112	0	0	0	0	0
<b>Total primary manufactured goods</b>	<b>2,394</b>	<b>1,792</b>	<b>584</b>	<b>1</b>	<b>2</b>	<b>15</b>	<b>3</b>	<b>12</b>
<b>Subtotal paper products</b>	<b>301</b>	<b>233</b>	<b>66</b>	<b>1</b>	<b>—</b>	<b>2</b>	<b>1</b>	<b>1</b>
5110 newsprint	5	4	1	—	—	—	—	—
5120 paper & paperboard	166	137	28	1	—	—	—	—
5190 paper products nec	131	92	37	—	—	2	1	1
<b>Subtotal lime, cement and glass</b>	<b>678</b>	<b>590</b>	<b>88</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>—</b>	<b>0</b>
5210 lime	0	—	0	—	—	—	—	—
5220 cement & concrete	225	224	0	—	—	—	—	—
5240 glass & glass prod.	283	200	83	0	0	0	—	0
5290 misc. mineral prod.	171	166	4	0	1	0	—	0
<b>Subtotal primary iron and steel products</b>	<b>383</b>	<b>349</b>	<b>33</b>	<b>0</b>	<b>—</b>	<b>1</b>	<b>0</b>	<b>1</b>
5312 pig iron	2	1	1	—	—	—	—	—
5315 ferro alloys	1	0	0	—	—	—	—	—
5320 i&s primary forms	48	38	10	—	—	—	—	—
5330 i&s plates & sheets	223	209	14	—	—	—	—	—
5360 i&s bars & shapes	31	29	2	—	—	—	—	—
5370 i&s pipe & tube	65	62	2	0	—	1	0	1
5390 primary i&s nec	13	10	4	—	—	—	—	—

SAN FRANCISCO BAY ENTRANCE, CA  
Freight Traffic, 2010 - continued  
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Through		Through		Total	Coastwise	
		Upbound	Downbnd	Upbound	Downbnd		Through	Upbound
<b>Subtotal primary non-ferrous metal products</b>	<b>961</b>	<b>557</b>	<b>390</b>	<b>0</b>	<b>1</b>	<b>12</b>	<b>2</b>	<b>10</b>
5421 copper	40	36	4	—	—	—	—	—
5422 aluminum	21	16	5	—	—	—	—	—
5429 smelted prod. nec	340	3	337	—	—	—	—	—
5480 fab. metal products	559	503	43	0	1	12	2	10
<b>Subtotal primary wood products</b>	<b>70</b>	<b>62</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
5540 primarv wood prod.	70	62	8	0	0	0	—	—
<b>Total food and farm products</b>	<b>8,635</b>	<b>2,764</b>	<b>5,265</b>	<b>2</b>	<b>5</b>	<b>598</b>	<b>199</b>	<b>400</b>
<b>Subtotal fish</b>	<b>85</b>	<b>34</b>	<b>51</b>	<b>0</b>	<b>0</b>	—	—	—
6134 fish (not shellfish)	40	16	24	—	0	—	—	—
6136 shellfish	46	18	27	0	—	—	—	—
<b>Subtotal grain</b>	<b>1,208</b>	<b>74</b>	<b>1,090</b>	—	0	<b>44</b>	<b>0</b>	<b>44</b>
6241 wheat	4	1	3	—	—	—	—	—
6344 corn	65	1	64	—	—	—	—	—
6442 rice	1,139	73	1,022	—	0	44	0	44
6443 barley & rye	0	0	0	—	—	—	—	—
6445 oats	0	—	0	—	—	—	—	—
6447 sorghum grains	0	—	0	—	—	—	—	—
<b>Subtotal oilseeds</b>	<b>144</b>	<b>39</b>	<b>106</b>	—	—	—	—	—
6521 peanuts	4	0	3	—	—	—	—	—
6522 soybeans	101	29	71	—	—	—	—	—
6534 flaxseed	0	0	—	—	—	—	—	—
6590 oilseeds nec	40	8	31	—	—	—	—	—
<b>Subtotal vegetable products</b>	<b>1,019</b>	<b>597</b>	<b>391</b>	—	<b>0</b>	<b>31</b>	<b>3</b>	<b>28</b>
6653 vegetable oils	369	353	16	—	0	—	—	—
6654 vegetables & prod.	650	244	375	—	0	31	3	28
<b>Subtotal processed grain and animal feed</b>	<b>558</b>	<b>65</b>	<b>485</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>1</b>	<b>6</b>
6746 wheat flour	14	3	11	0	—	—	—	—
6747 grain mill products	129	33	97	—	0	—	—	—
6781 hay & fodder	180	1	179	—	—	0	—	0
6782 animal feed, prep.	234	28	199	0	—	7	1	6
<b>Subtotal other agricultural products</b>	<b>5,621</b>	<b>1,956</b>	<b>3,143</b>	<b>2</b>	<b>4</b>	<b>516</b>	<b>195</b>	<b>322</b>
6811 meat, fresh, frozen	698	59	606	0	0	34	0	34
6817 meat, prepared	51	1	50	—	—	—	—	—
6822 dairy products	137	8	126	—	0	3	0	3
6835 fish, prepared	16	13	3	0	—	—	—	—
6838 tallow, animal oils	26	0	25	—	—	—	—	—
6839 animals & prod. nec	172	3	160	—	—	9	7	2
6856 bananas & plantains	4	4	—	—	—	—	—	—
6857 fruit & nuts nec	1,129	49	1,076	0	0	4	4	—
6858 fruit juices	194	131	63	—	0	—	—	—
6861 sugar	664	502	0	—	—	162	162	—
6865 molasses	177	167	—	—	—	10	10	—
6871 coffee	230	162	65	—	—	3	2	1
6872 cocoa beans	31	30	1	—	—	—	—	—
6885 alcoholic beverages	1,018	579	418	1	4	16	0	16
6887 groceries	1	—	—	—	—	1	—	1
6888 water & ice	146	47	99	—	—	—	—	—
6889 food products nec	783	178	350	0	0	255	8	247
6891 tobacco & products	1	0	0	—	—	1	—	1
6893 cotton	80	0	80	—	—	—	—	—
6894 natural fibers nec	6	5	1	—	—	—	—	—
6899 farm products nec	58	17	22	—	—	20	1	19
<b>Total all manufactured equipment, machinery and products</b>	<b>3,775</b>	<b>2,542</b>	<b>521</b>	<b>3</b>	<b>0</b>	<b>709</b>	<b>98</b>	<b>611</b>
7110 machinery (not elec)	250	172	59	0	0	18	4	14
7120 electrical machinery	419	321	96	0	0	2	1	1
7210 vehicles & parts	452	294	76	1	0	81	19	62
7220 aircraft & parts	2	1	0	—	—	—	—	—
7230 ships & boats	2	1	1	—	—	0	0	0
7300 ordnance & access.	28	10	0	—	—	18	1	17
7400 manufac. wood prod.	120	56	23	1	0	40	23	18
7500 textile products	362	315	46	—	0	—	—	—
7600 rubber & plastic pr.	281	207	74	0	0	0	—	0
7900 manufac. prod. nec	1,861	1,165	146	1	0	549	51	498
<b>Total unknown or not elsewhere classified</b>	<b>421</b>	<b>130</b>	<b>276</b>	<b>1</b>	<b>3</b>	<b>12</b>	<b>2</b>	<b>9</b>
9900 unknown or nec	421	130	276	1	3	—	—	9
<b>Ton-miles (x1000)</b>	<b>375,948</b>	<b>157,573</b>	<b>92,869</b>	<b>13,906</b>	<b>5,396</b>	<b>106,204</b>	<b>64,366</b>	<b>41,839</b>
<b>Tons All Traffic (x1000)</b>			<b>62,658</b>					
<b>Ton-miles All Traffic (x1000)</b>			<b>375,948</b>					

SAN FRANCISCO HARBOR, CA

Section Included: From Fort Point to San Francisco Airport on the west side of the San Francisco Bay. Controlling Depth: Main ship channel, 55.0 feet; Presidio Shoal, 34.1 feet; Black Point Shoal, 35.5 feet; Rincon Reef Rock (inner), 41 feet; Rincon Reef (outer), 42.5 feet; Blossom Rock, 40 feet; Alcatraz Shoal, 34.5 feet; Arch Rock, 36.2 feet; Harding Rocks, 36.7 feet; Shag Rocks 1 and 2, 36.9 feet; Point Knox Shoal, 38.2 feet, Islais Creek Shoal, 38.2 feet; channel and basin at San Francisco Airport, 6.8 feet in the maintained 200-foot wide southerly portion; 8 feet in the maintained portion of turning basin, 8.6 feet to seaplane ramp. Project Depth: 55 feet in entrance channel across the bar; 40 feet across Presidio Shoal, Black Point Shoal, Blossom Rock, Rincon Reef Rock, and a portion of Alcatraz Shoal; 37 feet across Arch, Shag, and Harding Rocks; 35 feet across Racoon Shoal, and the western part of Point Knox Shoal; 35 feet across Islais Creek Shoal; 10 feet to the San Francisco Airport.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	2,298	2004	2,712	2007	1,913	2010	906
2002	2,006	2005	2,303	2008	1,386		
2003	2,241	2006	2,133	2009	888		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Foreign		Inbound	Domestic		
		Inbound	Outbound		Total	Coastwise Receipts	Internal Receipts
							Shipments
<b>Total, all commodities</b>	<b>906</b>	<b>132</b>	<b>144</b>	<b>344</b>	<b>286</b>	<b>21</b>	<b>186</b>
<b>Total petroleum and petroleum products</b>	<b>34</b>	<b>3</b>	<b>—</b>	<b>—</b>	<b>31</b>	<b>20</b>	<b>10</b>
Subtotal petroleum products	34	3	—	—	31	20	10
2340 residual fuel oil	31	—	—	—	31	20	10
2410 petro. jelly & waxes	3	3	—	—	—	—	—
<b>Total chemicals and related products</b>	<b>9</b>	<b>9</b>	<b>0</b>	<b>—</b>	<b>0</b>	<b>0</b>	<b>—</b>
Subtotal other chemicals and related products	9	9	0	—	0	0	—
3240 nitrogen func. comp.	0	0	—	—	—	—	—
3274 sodium hydroxide	9	9	—	—	—	—	—
3275 inorg. elem., oxides, & halogen salts	0	—	0	—	—	—	—
3276 metallic salts	0	0	—	—	—	—	—
3283 coloring mat. nec	0	0	—	—	—	—	—
3285 perfumes & cleansers	0	0	—	—	—	—	—
3286 plastics	0	0	—	—	—	—	—
3292 starches, gluten, glue	0	0	—	—	—	—	—
3299 chem. products nec	0	—	—	—	0	0	—
<b>Total crude materials, inedible except fuels</b>	<b>696</b>	<b>0</b>	<b>130</b>	<b>344</b>	<b>222</b>	<b>—</b>	<b>174</b>
Subtotal forest products, wood and chips	0	0	0	—	—	—	—
4189 lumber	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	566	0	—	344	222	—	174
4310 building stone	0	0	—	—	—	—	—
4331 sand & gravel	566	—	—	344	222	—	174
Subtotal iron ore and scrap	129	—	129	—	—	—	—
4420 iron & steel scrap	129	—	129	—	—	—	—
Subtotal 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 other non-metal. min.	0	—	0	—	—	—	—
4900 non-metal. min. nec	0	—	0	—	—	—	—
<b>Total primary manufactured goods</b>	<b>24</b>	<b>24</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
Subtotal paper products	0	0	—	—	—	—	—
5190 paper products nec	0	0	—	—	—	—	—
Subtotal lime, cement and glass	1	1	—	—	—	—	—
5220 cement & concrete	0	0	—	—	—	—	—
5240 glass & glass prod.	0	0	—	—	—	—	—
5290 misc. mineral prod.	0	0	—	—	—	—	—
Subtotal primary iron and steel products	19	19	—	—	—	—	—
5320 i&s primary forms	1	1	—	—	—	—	—
5330 i&s plates & sheets	5	5	—	—	—	—	—
5360 i&s bars & shapes	5	5	—	—	—	—	—
5370 i&s pipe & tube	9	9	—	—	—	—	—
Subtotal primary non-ferrous metal products	4	4	0	—	—	—	—
5429 smelted prod. nec	0	—	0	—	—	—	—
5480 fab. metal products	4	4	—	—	—	—	—
Subtotal primary wood products	0	0	—	—	—	—	—
5540 primary wood prod.	0	0	—	—	—	—	—
<b>Total food and farm products</b>	<b>136</b>	<b>91</b>	<b>14</b>	<b>—</b>	<b>31</b>	<b>3</b>	<b>29</b>
Subtotal fish	0	0	0	—	—	—	—
6134 fish (not shellfish)	0	0	0	—	—	—	—
6136 shellfish	0	0	—	—	—	—	—
Subtotal grain	0	0	—	—	—	—	—
6442 rice	0	0	—	—	—	—	—
Subtotal oilseeds	0	0	—	—	—	—	—
6522 soybeans	0	0	—	—	—	—	—
Subtotal vegetable products	82	76	6	—	—	—	—
6653 vegetable oils	82	76	5	—	—	—	—
6654 vegetables & prod.	0	0	0	—	—	—	—

SAN FRANCISCO HARBOR, CA  
Freight Traffic, 2010 - continued  
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian Inbound	Domestic		
		Inbound	Outbound		Total	Coastwise Receipts	Internal Receipts
							Shipments
<b>Subtotal processed grain and animal feed</b>	<b>1</b>	<b>0</b>	<b>1</b>	—	—	—	—
6746 wheat flour	0	0	—	—	—	—	—
6747 grain mill products	0	0	—	—	—	—	—
6782 animal feed, prep.	1	0	1	—	—	—	—
<b>Subtotal other agricultural products</b>	<b>53</b>	<b>14</b>	<b>7</b>	—	<b>31</b>	—	<b>3</b>
6822 dairy products	0	—	0	—	—	—	—
6835 fish, prepared	0	0	—	—	—	—	—
6838 tallow, animal oils	7	—	7	—	—	—	—
6857 fruit & nuts nec	0	0	0	—	—	—	—
6858 fruit juices	0	0	0	—	—	—	—
6865 molasses	45	13	—	—	31	—	3
6871 coffee	0	0	0	—	—	—	—
6889 food products nec	0	0	0	—	—	—	—
6894 natural fibers nec	0	0	—	—	—	—	—
6899 farm products nec	0	0	—	—	—	—	—
<b>Total all manufactured equipment, machinery and products</b>	<b>6</b>	<b>5</b>	<b>0</b>	—	<b>1</b>	—	<b>0</b>
7110 machinery (not elec)	1	0	—	—	1	—	0
7120 electrical machinery	3	3	—	—	—	—	1
7210 vehicles & parts	0	0	0	—	—	—	—
7400 manufac. wood prod.	0	0	—	—	—	—	—
7500 textile products	0	0	—	—	—	—	—
7600 rubber & plastic pr.	0	0	—	—	—	—	—
7900 manufac. prod. nec	1	1	—	—	—	—	—
<b>Total unknown or not elsewhere classified</b>	<b>0</b>	<b>0</b>	<b>0</b>	—	<b>0</b>	<b>0</b>	—
9900 unknown or nec	0	0	0	—	0	0	—

REDWOOD CITY HARBOR, CA

Section Included: San Bruno Shoal channel 500 feet wide and about 4 miles long across; Redwood City Harbor channel, a channel from deep water in San Francisco Bay to Steinberger Slough. Controlling Depth: 30.8 feet in San Bruno Shoal channel; 29.8 feet in San Francisco Bay to Beacon No.8; 29.7 feet to Beacon No.15 and beginning of (outer) Turning Basin No.1; 29.5 feet in Turning Basin No.1; 29.5 feet in Turning Basin No.1; 28.5 feet to (upper) Turning Basin No.2; 29.1 in turning basin. Project Depth: 30 feet in San Bruno Shoal Channel; 30 feet to the head of the turning basin in Redwood Creek; 5 feet to Steinberger Slough, and 4 feet in Steinberger Slough.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	835	2004	1,423	2007	1,118	<b>2010</b>	<b>1,045</b>
2002	818	2005	1,306	2008	1,675		
2003	1,319	2006	1,523	2009	907		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic	
		Inbound	Outbound	Inbound	Outbound	Internal Receipts	Receipts
<b>Total, all commodities</b>	<b>1,045</b>	<b>31</b>	<b>556</b>	<b>389</b>	<b>18</b>	<b>51</b>	<b>—</b>
<b>Total chemicals and related products</b>	<b>18</b>	—	—	—	—	<b>18</b>	<b>—</b>
<b>Subtotal other chemicals and related products</b>	<b>18</b>	—	—	—	—	<b>18</b>	<b>—</b>
3276 metallic salts	18	—	—	—	—	18	—
<b>Total crude materials, inedible except fuels</b>	<b>1,026</b>	<b>31</b>	<b>556</b>	<b>389</b>	—	<b>50</b>	<b>—</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>439</b>	—	—	<b>389</b>	—	<b>50</b>	<b>—</b>
4331 sand & gravel	439	—	—	389	—	50	—
<b>Subtotal iron ore and scrap</b>	<b>556</b>	—	<b>556</b>	—	—	—	—
4420 iron & steel scrap	556	—	556	—	—	—	—
<b>Subtotal non-ferrous ores and scrap</b>	<b>31</b>	<b>31</b>	—	—	—	—	—
4650 aluminum ore	31	31	—	—	—	—	—
<b>Total all manufactured equipment, machinery and products</b>	<b>1</b>	—	—	—	—	<b>1</b>	<b>1</b>
7110 machinery (not elec)	1	—	—	—	—	—	1

OAKLAND HARBOR, CA

Section Included: Outer and inner harbor from deep water in San Francisco Bay to San Leandro Bay, a distance of 8.5 miles. Maintained Depth: 50.0 feet deep in the entrance channel to Oakland Outer Harbor, thence a channel and turning basin 50.0 feet deep in the Outer Harbor to Oakland Army Base; 50.0 feet deep in the entrance channel to Oakland Inner Harbor, 50.0 feet deep to Howard Terminal, thence 35.0 feet deep to Government Island, thence 18.0 feet deep to San Leandro Bay. The mean range of tide is 6.4 feet at Oakland Inner Harbor.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	12,273	2004	15,660	2007	16,912	2010	18,610
2002	12,455	2005	16,627	2008	17,810		
2003	12,627	2006	16,642	2009	17,406		

Freight Traffic, 2010 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
<b>Total, all commodities</b>	<b>16,345</b>	<b>6,298</b>	<b>9,579</b>	<b>436</b>	<b>30</b>
<b>Total coal</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>—</b>
1100 coal & lignite	1	1	0	0	—
1200 coal coke	0	—	0	—	—
<b>Total petroleum and petroleum products</b>	<b>361</b>	<b>279</b>	<b>61</b>	<b>—</b>	<b>21</b>
<b>Subtotal crude petroleum</b>	<b>46</b>	<b>46</b>	<b>—</b>	<b>—</b>	<b>—</b>
2100 crude petroleum	46	46	—	—	—
<b>Subtotal petroleum products</b>	<b>314</b>	<b>233</b>	<b>61</b>	<b>—</b>	<b>21</b>
2211 gasoline	60	39	0	—	21
2330 distillate fuel oil	166	157	9	—	—
2340 residual fuel oil	25	25	—	—	—
2350 lube oil & greases	1	—	1	—	—
2410 petro. jelly & waxes	10	10	0	—	—
2429 naphtha & solvents	1	0	1	—	—
2430 asphalt, tar & pitch	0	0	—	—	—
2540 petroleum coke	49	0	49	—	—
2640 hydrocarbon & petrol gases, liquefied and gaseous	1	1	0	—	—
<b>Total chemicals and related products</b>	<b>819</b>	<b>340</b>	<b>477</b>	<b>2</b>	<b>0</b>
<b>Subtotal fertilizers</b>	<b>30</b>	<b>12</b>	<b>18</b>	<b>0</b>	<b>—</b>
3110 nitrogenous fert.	1	1	0	—	—
3120 phosphatic fert.	3	0	3	—	—
3130 potassic fert.	1	1	0	—	—
3190 fert. & mixes nec	25	10	15	0	—
<b>Subtotal other chemicals and related products</b>	<b>789</b>	<b>328</b>	<b>459</b>	<b>2</b>	<b>0</b>
3211 acyclic hydrocarbons	1	0	1	—	—
3212 benzene & toluene	0	0	—	—	—
3219 other hydrocarbons	2	1	1	—	—
3220 alcohols	16	7	9	—	—
3230 carboxylic acids	23	20	3	—	—
3240 nitrogen func. comp.	15	4	11	—	—
3250 organo - inorg. comp.	7	4	3	—	—
3260 organic comp. nec	9	3	6	—	0
3272 sulphuric acid	1	0	1	—	—
3273 ammonia	1	1	0	—	—
3274 sodium hydroxide	33	32	1	—	—
3275 inorg. elem., oxides, & halogen salts	42	19	22	0	—
3276 metallic salts	36	29	6	—	—
3279 inorganic chem. nec	5	3	2	—	—
3281 radioactive material	10	4	6	0	—
3282 pigments & paints	16	5	11	—	—
3283 coloring mat. nec	3	1	1	—	—
3284 medicines	28	12	16	0	—
3285 perfumes & cleansers	61	15	46	0	—
3286 plastics	354	103	252	0	—
3291 pesticides	7	6	1	—	—
3292 starches, gluten, glue	61	44	15	2	—
3293 explosives	2	2	0	0	—
3297 chemical additives	4	0	4	—	—
3298 wood & resin chem.	0	0	—	—	—
3299 chem. products nec	51	11	39	0	—
<b>Total crude materials, inedible except fuels</b>	<b>3,764</b>	<b>285</b>	<b>3,051</b>	<b>429</b>	<b>0</b>
<b>Subtotal forest products, wood and chips</b>	<b>210</b>	<b>142</b>	<b>64</b>	<b>4</b>	<b>—</b>
4110 rubber & gums	2	1	1	—	—
4150 fuel wood	2	2	0	—	—
4161 wood chips	1	0	0	—	—
4170 wood in the rough	43	16	27	—	—
4189 lumber	144	108	32	4	—
4190 forest products nec	19	15	4	—	—
<b>Subtotal pulp and waste paper</b>	<b>1,781</b>	<b>17</b>	<b>1,763</b>	<b>1</b>	<b>—</b>
4225 pulp & waste paper	1,781	17	1,763	1	—
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>502</b>	<b>76</b>	<b>3</b>	<b>424</b>	<b>—</b>
4310 building stone	38	38	0	—	—
4322 limestone	2	2	0	—	—
4323 gypsum	33	33	0	—	—
4331 sand & gravel	429	4	2	424	—
<b>Subtotal iron ore and scrap</b>	<b>978</b>	<b>0</b>	<b>978</b>	<b>—</b>	<b>—</b>
4410 iron ore	0	0	0	—	—
4420 iron & steel scrap	978	0	978	—	—
<b>Subtotal marine shells</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>—</b>	<b>—</b>
4515 marine shells	0	0	0	—	—
<b>Subtotal non-ferrous ores and scrap</b>	<b>130</b>	<b>37</b>	<b>93</b>	<b>—</b>	<b>—</b>
4630 copper ore	0	0	—	—	—
4650 aluminum ore	34	33	1	—	—
4680 non-ferrous scrap	91	0	91	—	—
4690 non-ferrous ores nec	4	4	0	—	—

OAKLAND HARBOR, CA  
Freight Traffic, 2010 - continued  
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
<b>Subtotal sulphur, clay and salt</b>	<b>41</b>	<b>3</b>	<b>39</b>	—	—
4741 sulphur, (dry)	32	1	31	—	—
4782 clay & refrac. mat.	9	1	8	—	—
<b>Subtotal slag</b>	<b>1</b>	<b>1</b>	—	—	—
4860 slag	1	1	—	—	—
<b>Subtotal other non-metal. min.</b>	<b>122</b>	<b>10</b>	<b>112</b>	<b>0</b>	<b>0</b>
4900 non-metal. min. nec	122	10	112	0	0
<b>Total primary manufactured goods</b>	<b>1,735</b>	<b>1,151</b>	<b>582</b>	<b>1</b>	<b>2</b>
<b>Subtotal paper products</b>	<b>299</b>	<b>233</b>	<b>66</b>	<b>1</b>	—
5110 newsprint	5	4	1	—	—
5120 paper & paperboard	166	137	28	1	—
5190 paper products nec	129	92	37	—	—
<b>Subtotal lime, cement and glass</b>	<b>509</b>	<b>421</b>	<b>88</b>	<b>0</b>	<b>1</b>
5210 lime	0	—	0	—	—
5220 cement & concrete	56	55	0	—	—
5240 glass & glass prod.	283	200	83	0	0
5290 misc. mineral prod.	171	166	4	0	1
<b>Subtotal primary iron and steel products</b>	<b>97</b>	<b>66</b>	<b>31</b>	<b>0</b>	—
5312 pig iron	2	1	1	—	—
5315 ferro alloys	1	0	0	—	—
5320 i&s primary forms	17	7	10	—	—
5330 i&s plates & sheets	25	11	14	—	—
5360 i&s bars & shapes	15	13	2	—	—
5370 i&s pipe & tube	25	23	2	0	—
5390 primary i&s nec	12	10	2	—	—
<b>Subtotal primary non-ferrous metal products</b>	<b>759</b>	<b>369</b>	<b>389</b>	<b>0</b>	<b>1</b>
5421 copper	40	36	4	—	—
5422 aluminum	21	16	5	—	—
5429 smelted prod. nec	339	3	336	—	—
5480 fab. metal products	358	314	43	0	1
<b>Subtotal primary wood products</b>	<b>70</b>	<b>62</b>	<b>8</b>	<b>0</b>	<b>0</b>
5540 primar wood prod.	70	62	8	0	0
<b>Total food and farm products</b>	<b>6,428</b>	<b>1,804</b>	<b>4,617</b>	<b>2</b>	<b>5</b>
<b>Subtotal fish</b>	<b>85</b>	<b>34</b>	<b>51</b>	<b>0</b>	<b>0</b>
6134 fish (not shellfish)	40	16	24	—	0
6136 shellfish	46	18	27	0	—
<b>Subtotal grain</b>	<b>574</b>	<b>74</b>	<b>500</b>	<b>0</b>	<b>0</b>
6241 wheat	4	1	3	—	—
6344 corn	65	1	64	—	—
6442 rice	505	73	432	—	0
6443 barley & rye	0	0	0	—	—
6445 oats	0	—	0	—	—
6447 sorghum grains	0	—	0	—	—
<b>Subtotal oilseeds</b>	<b>143</b>	<b>39</b>	<b>104</b>	<b>—</b>	<b>—</b>
6521 peanuts	4	0	3	—	—
6522 soybeans	99	29	70	—	—
6534 flaxseed	0	0	—	—	—
6590 oilseeds nec	40	8	31	—	—
<b>Subtotal vegetable products</b>	<b>669</b>	<b>289</b>	<b>380</b>	<b>—</b>	<b>0</b>
6653 vegetable oils	51	46	6	—	0
6654 vegetables & prod.	618	243	374	—	0
<b>Subtotal processed grain and animal feed</b>	<b>548</b>	<b>64</b>	<b>484</b>	<b>0</b>	<b>0</b>
6746 wheat flour	14	3	11	0	—
6747 grain mill products	129	33	96	—	0
6781 hay & fodder	180	1	179	—	—
6782 animal feed, prep.	225	28	198	0	—
<b>Subtotal other agricultural products</b>	<b>4,408</b>	<b>1,304</b>	<b>3,099</b>	<b>2</b>	<b>4</b>
6811 meat, fresh, frozen	664	59	605	0	0
6817 meat, prepared	51	1	50	—	0
6822 dairy products	134	8	125	—	0
6835 fish, prepared	16	13	3	0	—
6838 tallow, animal oils	1	0	0	—	—
6839 animals & prod. nec	162	3	159	—	—
6856 bananas & plantains	4	4	—	—	—
6857 fruit & nuts nec	1,108	49	1,059	0	0
6858 fruit juices	193	130	63	—	0
6861 sugar	44	44	0	—	—
6865 molasses	15	15	—	—	—
6871 coffee	227	162	65	—	—
6872 cocoa beans	31	30	1	—	—
6885 alcoholic beverages	1,002	579	418	1	4
6888 water & ice	146	47	99	—	—
6889 food products nec	486	136	349	0	0
6891 tobacco & products	0	0	0	—	—
6893 cotton	80	0	80	—	—
6894 natural fibers nec	5	5	1	—	—
6899 farm products nec	38	17	22	—	—
<b>Total all manufactured equipment, machinery and products</b>	<b>2,836</b>	<b>2,315</b>	<b>519</b>	<b>2</b>	<b>0</b>
7110 machinery (not elec)	216	158	58	0	—
7120 electrical machinery	412	317	96	0	0
7210 vehicles & parts	165	89	76	0	0
7220 aircraft & parts	2	1	0	—	—
7230 ships & boats	2	1	1	—	—
7300 ordnance & access.	10	10	0	—	—
7400 manufac. wood prod.	79	56	23	1	0
7500 textile products	362	315	46	—	—

OAKLAND HARBOR, CA  
Freight Traffic, 2010 - continued  
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
7600 rubber & plastic pr.	278	206	72	0	0
7900 manufac. prod. nec	1,309	1,162	146	1	0
<b>Total unknown or not elsewhere classified</b>	<b>400</b>	<b>124</b>	<b>272</b>	<b>1</b>	<b>3</b>
9900 unknown or nec	400	124	272	1	3

Commodity	Total	Domestic			
		Coastwise		Internal	
		Receipts	Shipments	Receipts	Shipments
<b>Total, all commodities</b>	<b>2,265</b>	<b>144</b>	<b>1,035</b>	<b>1,072</b>	<b>9</b>
<b>Total petroleum and petroleum products</b>	<b>776</b>	<b>0</b>	<b>3</b>	<b>769</b>	<b>—</b>
<b>Subtotal petroleum products</b>	<b>776</b>	<b>0</b>	<b>3</b>	<b>769</b>	<b>—</b>
2211 gasoline	0	—	0	—	—
2340 residual fuel oil	774	—	—	769	—
2350 lube oil & greases	2	0	2	—	—
2429 naphtha & solvents	0	—	0	—	—
2990 petro. products nec	1	—	1	—	—
<b>Total chemicals and related products</b>	<b>16</b>	<b>1</b>	<b>15</b>	<b>—</b>	<b>—</b>
<b>Subtotal fertilizers</b>	<b>5</b>	<b>0</b>	<b>5</b>	<b>—</b>	<b>—</b>
3190 fert. & mixes nec	5	0	5	—	—
<b>Subtotal other chemicals and related products</b>	<b>11</b>	<b>1</b>	<b>10</b>	<b>—</b>	<b>—</b>
3219 other hydrocarbons	0	—	0	—	—
3220 alcohols	0	—	0	—	—
3230 carboxylic acids	0	—	0	—	—
3260 organic comp. nec	0	—	0	—	—
3282 pigments & paints	1	—	1	—	—
3285 perfumes & cleansers	3	0	3	—	—
3286 plastics	0	—	0	—	—
3291 pesticides	0	—	0	—	—
3299 chem. products nec	6	1	5	—	—
<b>Total crude materials, inedible except fuels</b>	<b>301</b>	<b>2</b>	<b>1</b>	<b>298</b>	<b>—</b>
<b>Subtotal forest products, wood and chips</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>—</b>	<b>—</b>
4189 lumber	0	0	0	—	—
4190 forest products nec	0	—	0	—	—
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>298</b>	<b>—</b>	<b>—</b>	<b>298</b>	<b>—</b>
4331 sand & gravel	298	—	—	298	—
<b>Subtotal iron ore and scrap</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>—</b>	<b>—</b>
4420 iron & steel scrap	2	2	0	—	—
<b>Subtotal other non-metal. min.</b>	<b>0</b>	<b>—</b>	<b>0</b>	<b>—</b>	<b>—</b>
4900 non-metal. min. nec	0	—	0	—	—
<b>Total primary manufactured goods</b>	<b>15</b>	<b>3</b>	<b>12</b>	<b>—</b>	<b>—</b>
<b>Subtotal paper products</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>—</b>	<b>—</b>
5190 paper products nec	2	1	1	—	—
<b>Subtotal lime, cement and glass</b>	<b>0</b>	<b>—</b>	<b>0</b>	<b>—</b>	<b>—</b>
5240 glass & glass prod.	0	—	0	—	—
5290 misc. mineral prod.	0	—	0	—	—
<b>Subtotal primary iron and steel products</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>—</b>	<b>—</b>
5370 i&s pipe & tube	1	0	1	—	—
<b>Subtotal primary non-ferrous metal products</b>	<b>12</b>	<b>2</b>	<b>10</b>	<b>—</b>	<b>—</b>
5480 fab. metal products	12	2	10	—	—
<b>Subtotal primary wood products</b>	<b>0</b>	<b>—</b>	<b>0</b>	<b>—</b>	<b>—</b>
5540 primar wood prod.	0	—	0	—	—
<b>Total food and farm products</b>	<b>443</b>	<b>37</b>	<b>400</b>	<b>—</b>	<b>7</b>
<b>Subtotal grain</b>	<b>44</b>	<b>0</b>	<b>44</b>	<b>—</b>	<b>—</b>
6442 rice	44	0	44	—	—
<b>Subtotal vegetable products</b>	<b>31</b>	<b>3</b>	<b>28</b>	<b>—</b>	<b>—</b>
6654 vegetables & prod.	31	3	28	—	—
<b>Subtotal processed grain and animal feed</b>	<b>7</b>	<b>1</b>	<b>6</b>	<b>—</b>	<b>—</b>
6781 hay & fodder	0	—	0	—	—
6782 animal feed, prep.	7	1	6	—	—
<b>Subtotal other agricultural products</b>	<b>361</b>	<b>33</b>	<b>322</b>	<b>—</b>	<b>7</b>
6811 meat, fresh, frozen	34	0	34	—	—
6822 dairy products	3	0	3	—	—
6839 animals & prod. nec	9	7	2	—	—
6857 fruit & nuts nec	4	4	—	—	—
6865 molasses	17	10	—	—	7
6871 coffee	3	2	1	—	—
6885 alcoholic beverages	16	0	16	—	—
6887 groceries	1	—	1	—	—
6889 food products nec	255	8	247	—	—
6891 tobacco & products	1	—	1	—	—
6899 farm products nec	20	1	19	—	—
<b>Total all manufactured equipment, machinery and products</b>	<b>702</b>	<b>98</b>	<b>596</b>	<b>4</b>	<b>2</b>
7110 machinery (not elec)	21	4	10	4	2
7120 electrical machinery	2	1	1	—	—
7210 vehicles & parts	81	19	62	—	—
7230 ships & boats	0	0	0	—	—
7300 ordnance & access.	18	1	17	—	—
7400 manufac. wood prod.	40	23	18	—	—
7600 rubber & plastic pr.	0	—	0	—	—
7900 manufac. prod. nec	539	51	488	—	—
<b>Total unknown or not elsewhere classified</b>	<b>12</b>	<b>2</b>	<b>9</b>	<b>—</b>	<b>—</b>
9900 unknown or nec	12	2	9	—	—

RICHMOND HARBOR, CA

Section Included: Inner harbor, from southern end of Richmond Long Wharf maneuvering area to the head of Santa Fe Channel, a distance of about 5 miles; outer harbor, from southern end of maneuvering area at Richmond Long Wharf to Point San Pablo and the north side of Point San Pablo; includes a connecting channel (Southampton Channel) to the Richmond Long Wharf maneuvering area and approach areas at Point San Pablo and Point Orient. Controlling Depth: 45.7 feet in Southampton Channel (connecting channel from San Francisco Bay to Richmond Long Wharf maneuvering area); 44.7 feet in maneuvering area to Richmond Long Wharf; 34.8 feet from Richmond Long Wharf maneuvering area to turning basin Point Richmond; 34.8 feet in Point Richmond turning basin; 34.5 feet to Point Potrero; 34.0 feet in turning basin at Point Potrero; Point Potrero (southerly apex only) 28.7 feet; 34.7 feet to Lauritzen Canal then 30.4 feet in Santa Fe Channel to upper turning basin; 30.4 feet in upper turning basin; 27 feet in approach to Point Orient; 26 feet in approach to Point San Pablo; 30.6 feet at Molate Point; and 33.4 feet in West Richmond Channel. Project Depth: 45 feet in connecting channel (Southampton Channel) from San Francisco Bay to Richmond Long Wharf maneuvering area; 45 feet in maneuvering area to Richmond Long Wharf; 35 feet to turning basin at Point Richmond; 35 feet to Point Potrero; 35 feet to Santa Fe Channel; 35 feet in Santa Fe Channel for approximately 2,000 feet then 30 feet in the remainder of Santa Fe Channel and turning basin; 20 feet in channel east of Point San Pablo Channel; 32 feet in approach to Point Orient; 32 feet in approach to Point San Pablo.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	21,220	2004	25,161	2007	24,992	<b>2010</b>	<b>24,178</b>
2002	21,901	2005	24,513	2008	26,357		
2003	23,001	2006	25,629	2009	25,363		

Freight Traffic, 2010 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
<b>Total, all commodities</b>	<b>12,765</b>	<b>10,100</b>	<b>1,517</b>	<b>567</b>	<b>580</b>
<b>Total petroleum and petroleum products</b>	<b>11,078</b>	<b>9,420</b>	<b>1,010</b>	<b>71</b>	<b>577</b>
<b>Subtotal crude petroleum</b>	<b>8,018</b>	<b>8,018</b>	<b>—</b>	<b>—</b>	<b>—</b>
2100 crude petroleum	8,018	8,018	—	—	—
<b>Subtotal petroleum products</b>	<b>3,060</b>	<b>1,402</b>	<b>1,010</b>	<b>71</b>	<b>577</b>
2211 gasoline	581	1	179	—	401
2330 distillate fuel oil	1,824	1,308	275	71	170
2340 residual fuel oil	206	18	188	—	—
2350 lube oil & greases	45	—	45	—	—
2410 petro. jelly & waxes	75	75	—	—	—
2429 naphtha & solvents	6	—	0	—	6
2430 asphalt, tar & pitch	8	—	8	—	—
2540 petroleum coke	316	0	316	—	—
<b>Total chemicals and related products</b>	<b>238</b>	<b>168</b>	<b>15</b>	<b>52</b>	<b>3</b>
<b>Subtotal other chemicals and related products</b>	<b>238</b>	<b>168</b>	<b>15</b>	<b>52</b>	<b>3</b>
3211 acyclic hydrocarbons	66	6	8	52	—
3220 alcohols	0	—	0	—	—
3230 carboxylic acids	6	6	—	—	—
3240 nitrogen func. comp.	0	—	0	—	—
3260 organic comp. nec	0	—	0	—	—
3274 sodium hydroxide	155	155	—	—	—
3275 inorg. elem., oxides, & halogen salts	0	—	0	—	—
3276 metallic salts	0	—	0	—	—
3279 inorganic chem. nec	0	—	0	—	—
3282 pigments & paints	0	—	0	—	—
3286 plastics	7	—	7	—	—
3297 chemical additives	3	—	—	—	3
3299 chem. products nec	0	—	0	—	—
<b>Total crude materials, inedible except fuels</b>	<b>1,059</b>	<b>173</b>	<b>441</b>	<b>445</b>	<b>—</b>
<b>Subtotal forest products, wood and chips</b>	<b>0</b>	<b>—</b>	<b>0</b>	<b>—</b>	<b>—</b>
4190 forest products nec	0	—	0	—	—
<b>Subtotal pulp and waste paper</b>	<b>1</b>	<b>—</b>	<b>1</b>	<b>—</b>	<b>—</b>
4225 pulp & waste paper	1	—	1	—	—
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>617</b>	<b>173</b>	<b>—</b>	<b>445</b>	<b>—</b>
4323 gypsum	173	173	—	—	—
4331 sand & gravel	445	—	—	445	—
<b>Subtotal iron ore and scrap</b>	<b>441</b>	<b>—</b>	<b>441</b>	<b>—</b>	<b>—</b>
4410 iron ore	215	—	215	—	—
4420 iron & steel scrap	226	—	226	—	—
<b>Subtotal non-ferrous ores and scrap</b>	<b>0</b>	<b>—</b>	<b>0</b>	<b>—</b>	<b>—</b>
4680 non-ferrous scrap	0	—	0	—	—
<b>Total primary manufactured goods</b>	<b>2</b>	<b>—</b>	<b>2</b>	<b>—</b>	<b>—</b>
<b>Subtotal paper products</b>	<b>0</b>	<b>—</b>	<b>0</b>	<b>—</b>	<b>—</b>
5190 paper products nec	0	—	0	—	—
<b>Subtotal lime, cement and glass</b>	<b>0</b>	<b>—</b>	<b>0</b>	<b>—</b>	<b>—</b>
5240 glass & glass prod.	0	—	0	—	—
<b>Subtotal primary iron and steel products</b>	<b>1</b>	<b>—</b>	<b>1</b>	<b>—</b>	<b>—</b>
5390 primary i&s nec	1	—	1	—	—
<b>Subtotal primary non-ferrous metal products</b>	<b>1</b>	<b>—</b>	<b>1</b>	<b>—</b>	<b>—</b>
5429 smelted prod. nec	0	—	0	—	—
5480 fab. metal products	0	—	0	—	—
<b>Total food and farm products</b>	<b>328</b>	<b>284</b>	<b>45</b>	<b>—</b>	<b>—</b>
<b>Subtotal grain</b>	<b>2</b>	<b>—</b>	<b>2</b>	<b>—</b>	<b>—</b>
6442 rice	2	—	2	—	—
<b>Subtotal oilseeds</b>	<b>1</b>	<b>—</b>	<b>1</b>	<b>—</b>	<b>—</b>
6521 peanuts	0	—	0	—	—
6522 soybeans	1	—	1	—	—
<b>Subtotal vegetable products</b>	<b>206</b>	<b>202</b>	<b>4</b>	<b>—</b>	<b>—</b>
6653 vegetable oils	205	202	3	—	—
6654 vegetables & prod.	0	—	0	—	—
<b>Subtotal processed grain and animal feed</b>	<b>1</b>	<b>—</b>	<b>1</b>	<b>—</b>	<b>—</b>
6747 grain mill products	0	—	0	—	—
6781 hay & fodder	1	—	1	—	—
<b>Subtotal other agricultural products</b>	<b>118</b>	<b>81</b>	<b>37</b>	<b>—</b>	<b>—</b>
6811 meat, fresh, frozen	1	—	1	—	—

RICHMOND HARBOR, CA  
Freight Traffic, 2010 - continued  
(thousand short tons)

	Commodity	Total	Foreign		Canadian	
			Inbound	Outbound	Inbound	Outbound
6817	meat, prepared	0	—	—	0	—
6822	dairy products	0	—	—	0	—
6838	tallow, animal oils	18	—	—	18	—
6839	animals & prod. nec	1	—	—	1	—
6857	fruit & nuts nec	16	—	—	16	—
6858	fruit juices	0	—	—	0	—
6865	molasses	45	45	—	—	—
6885	alcoholic beverages	0	—	—	0	—
6889	food products nec	37	37	0	—	—
6893	cotton	0	—	—	0	—
<b>Total all manufactured equipment, machinery and products</b>		<b>56</b>	<b>56</b>	<b>0</b>	—	—
7110	machinery (not elec)	0	—	—	0	—
7120	electrical machinery	0	—	—	0	—
7210	vehicles & parts	56	56	0	—	—
7400	manufac. wood prod.	0	—	—	0	—
7500	textile products	0	—	—	0	—
7600	rubber & plastic pr.	0	0	0	—	—
7900	manufac. prod. nec	0	—	0	—	—
<b>Total unknown or not elsewhere classified</b>		<b>5</b>	<b>1</b>	<b>4</b>	—	—
9900	unknown or nec	5	1	4	—	—

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Inraport
<b>Total, all commodities</b>	<b>11,412</b>	<b>5,970</b>	<b>3,232</b>	<b>265</b>	<b>1,412</b>	<b>532</b>
<b>Total petroleum and petroleum products</b>	<b>11,259</b>	<b>5,894</b>	<b>3,201</b>	<b>219</b>	<b>1,412</b>	<b>532</b>
<b>Subtotal crude petroleum</b>	<b>3,702</b>	<b>3,702</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
2100 crude petroleum	3,702	3,702	—	—	—	—
<b>Subtotal petroleum products</b>	<b>7,556</b>	<b>2,191</b>	<b>3,201</b>	<b>219</b>	<b>1,412</b>	<b>532</b>
2211 gasoline	3,346	1,208	1,825	52	261	—
2330 distillate fuel oil	1,042	600	282	32	124	4
2340 residual fuel oil	2,553	378	523	136	1,027	490
2350 lube oil & greases	603	—	565	—	—	39
2429 naphtha & solvents	12	5	7	—	—	—
<b>Total chemicals and related products</b>	<b>108</b>	<b>77</b>	<b>31</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>Subtotal other chemicals and related products</b>	<b>108</b>	<b>77</b>	<b>31</b>	<b>—</b>	<b>—</b>	<b>—</b>
3211 acyclic hydrocarbons	25	—	25	—	—	—
3212 benzene & toluene	82	77	6	—	—	—
<b>Total crude materials, inedible except fuels</b>	<b>46</b>	<b>—</b>	<b>—</b>	<b>46</b>	<b>—</b>	<b>—</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>46</b>	<b>—</b>	<b>—</b>	<b>46</b>	<b>—</b>	<b>—</b>
4331 sand & gravel	46	—	—	46	—	—
<b>Total all manufactured equipment, machinery and products</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>0</b>	<b>0</b>	<b>—</b>
7110 machinery (not elec)	0	—	—	0	0	—

SAN PABLO BAY AND MARE ISLAND STRAIT, CA

Section Included: All of San Pablo Bay and Mare Island Strait. Controlling Depth: Pinole Shoal channel 36.3 feet from San Pablo buoy at beginning of channel to buoy 9; 34.3 feet to buoy 11; 35.1 feet to end of channel; Mare Island Strait (the maintained westerly 55% of project width) 36.3 feet to the Navy Ammunition Pier; 35.8 feet to Finger Pier No. 21; 36.0 feet to "A" Street (end of maintained section); 20.5 feet to the end of 26-foot project at causeway. Project Depth: 35 feet in Pinole Shoal Channel and 30 feet in Mare Island Strait, except at upstream end of turning basin, 26 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	22,396	2004	25,383	2007	28,504	<b>2010</b>	<b>22,269</b>
2002	24,380	2005	28,358	2008	26,490		
2003	24,601	2006	31,458	2009	23,491		

Freight Traffic, 2010 (thousand short tons)

Commodity	Total	Foreign				Canadian		
		Inbound	Outbound	Through		Outbound	Through	
				Upbound	Downbnd		Upbound	Downbnd
<b>Total, all commodities</b>	<b>13,725</b>	<b>252</b>	<b>364</b>	<b>9,022</b>	<b>3,293</b>	<b>131</b>	<b>523</b>	<b>140</b>
<b>Total petroleum and petroleum products</b>	<b>10,476</b>	<b>252</b>	<b>364</b>	<b>6,588</b>	<b>2,480</b>	<b>131</b>	<b>521</b>	<b>140</b>
<b>Subtotal crude petroleum</b>	<b>7,123</b>	<b>219</b>	<b>—</b>	<b>6,424</b>	<b>—</b>	<b>—</b>	<b>479</b>	<b>—</b>
2100 crude petroleum	7,123	219	—	6,424	—	—	479	—
<b>Subtotal petroleum products</b>	<b>3,353</b>	<b>32</b>	<b>364</b>	<b>164</b>	<b>2,480</b>	<b>131</b>	<b>42</b>	<b>140</b>
2211 gasoline	915	—	198	139	360	95	—	123
2221 kerosene	48	—	—	—	48	—	—	—
2330 distillate fuel oil	1,004	32	166	24	687	35	42	17
2340 residual fuel oil	189	—	—	—	189	—	—	—
2350 lube oil & greases	38	—	—	—	38	—	—	—
2410 petro. jelly & waxes	1	—	—	1	—	—	—	—
2429 naphtha & solvents	34	—	—	—	34	—	—	—
2540 petroleum coke	1,124	—	—	—	1,124	—	—	—
<b>Total chemicals and related products</b>	<b>879</b>	<b>—</b>	<b>—</b>	<b>876</b>	<b>3</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>Subtotal fertilizers</b>	<b>615</b>	<b>—</b>	<b>—</b>	<b>615</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
3110 nitrogenous fert.	556	—	—	556	—	—	—	—
3130 potassic fert.	22	—	—	22	—	—	—	—
3190 fert. & mixes nec	38	—	—	38	—	—	—	—

SAN PABLO BAY AND MARE ISLAND STRAIT, CA  
Freight Traffic, 2010 - continued  
(thousand short tons)

Commodity	Total	Foreign				Canadian		
		Inbound	Outbound	Through		Outbound	Through	
				Upbound	Downbnd		Upbound	Downbnd
<b>Subtotal other chemicals and related products</b>	<b>264</b>	—	—	261	3	—	—	—
3211 acyclic hydrocarbons	2	—	—	—	2	—	—	—
3240 nitrogen func. comp.	0	—	—	0	—	—	—	—
3260 organic comp. nec	0	—	—	0	—	—	—	—
3273 ammonia	238	—	—	238	—	—	—	—
3274 sodium hydroxide	3	—	—	3	—	—	—	—
3276 metallic salts	20	—	—	20	—	—	—	—
3286 plastics	1	—	—	0	1	—	—	—
<b>Total crude materials, inedible except fuels</b>	<b>402</b>	—	—	184	219	—	—	—
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>120</b>	—	—	120	—	—	—	—
4323 gypsum	120	—	—	120	—	—	—	—
<b>Subtotal sulphur, clay and salt</b>	<b>219</b>	—	—	—	219	—	—	—
4741 sulphur, (dry)	219	—	—	—	219	—	—	—
<b>Subtotal slag</b>	<b>64</b>	—	—	64	—	—	—	—
4860 slag	64	—	—	64	—	—	—	—
<b>Total primary manufactured goods</b>	<b>617</b>	—	—	617	—	—	—	—
<b>Subtotal lime, cement and glass</b>	<b>168</b>	—	—	168	—	—	—	—
5220 cement & concrete	168	—	—	168	—	—	—	—
<b>Subtotal primary iron and steel products</b>	<b>264</b>	—	—	264	—	—	—	—
5320 i&s primary forms	30	—	—	30	—	—	—	—
5330 i&s plates & sheets	193	—	—	193	—	—	—	—
5360 i&s bars & shapes	11	—	—	11	—	—	—	—
5370 i&s pipe & tube	30	—	—	30	—	—	—	—
<b>Subtotal primary non-ferrous metal products</b>	<b>185</b>	—	—	185	—	—	—	—
5480 fab. metal products	185	—	—	185	—	—	—	—
<b>Total food and farm products</b>	<b>1,175</b>	—	—	586	589	—	—	—
<b>Subtotal grain</b>	<b>588</b>	—	—	—	588	—	—	—
6442 rice	588	—	—	—	588	—	—	—
<b>Subtotal vegetable products</b>	<b>31</b>	—	—	29	2	—	—	—
6653 vegetable oils	31	—	—	29	2	—	—	—
<b>Subtotal other agricultural products</b>	<b>556</b>	—	—	556	—	—	—	—
6857 fruit & nuts nec	0	—	—	0	—	—	—	—
6858 fruit juices	0	—	—	0	—	—	—	—
6861 sugar	458	—	—	458	—	—	—	—
6865 molasses	94	—	—	94	—	—	—	—
6871 coffee	0	—	—	0	—	—	—	—
6889 food products nec	4	—	—	4	—	—	—	—
6891 tobacco & products	0	—	—	0	—	—	—	—
<b>Total all manufactured equipment, machinery and products</b>	<b>170</b>	—	—	166	2	—	1	—
7110 machinery (not elec)	15	—	—	14	1	—	—	—
7120 electrical machinery	1	—	—	1	—	—	—	—
7210 vehicles & parts	150	—	—	149	—	—	1	—
7600 rubber & plastic pr.	2	—	—	1	1	—	—	—
7900 manufac. prod. nec	2	—	—	2	—	—	—	—
<b>Total unknown or not elsewhere classified</b>	<b>5</b>	—	—	5	—	—	—	—
9900 unknown or nec	5	—	—	—	—	—	—	—
<b>Ton-miles (x1000)</b>	<b>137,246</b>	2,517	3,637	90,225	32,934	1,307	5,226	1,400
<b>Foreign &amp; Canadian</b>								

Commodity	Total	Coastwise			
		Receipts	Shipments	Through	
				Upbound	Downbnd
<b>Total, all commodities</b>	<b>7,297</b>	848	64	3,745	2,639
<b>Total petroleum and petroleum products</b>	<b>6,797</b>	848	50	3,583	2,316
<b>Subtotal crude petroleum</b>	<b>2,264</b>	676	—	1,588	—
2100 crude petroleum	2,264	676	—	1,588	—
<b>Subtotal petroleum products</b>	<b>4,533</b>	172	50	1,995	2,316
2211 gasoline	2,710	113	7	962	1,628
2330 distillate fuel oil	1,022	31	43	436	512
2340 residual fuel oil	730	13	—	571	146
2429 naptha & solvents	70	16	—	25	30
<b>Total chemicals and related products</b>	<b>325</b>	—	11	—	313
<b>Subtotal other chemicals and related products</b>	<b>325</b>	—	11	—	313
3220 alcohols	325	—	11	—	313
<b>Total food and farm products</b>	<b>162</b>	—	—	162	—
<b>Subtotal other agricultural products</b>	<b>162</b>	—	—	162	—
6861 sugar	162	—	—	162	—
<b>Total all manufactured equipment, machinery and products</b>	<b>13</b>	—	3	—	10
7110 machinery (not elec)	3	—	3	—	—
7900 manufac. prod. nec	10	—	—	—	10
<b>Ton-miles (x1000)</b>	<b>72,938</b>	8,480	615	37,449	26,394
<b>Coastwise</b>					

SAN PABLO BAY AND MARE ISLAND STRAIT, CA  
Freight Traffic, 2010 - continued  
(thousand short tons)

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Downbnd	Downbnd
<b>Total, all commodities</b>	<b>1,247</b>	<b>5</b>	<b>6</b>	<b>37</b>	<b>7</b>	<b>767</b>	<b>417</b>	<b>8</b>	
Total petroleum and petroleum products	661	—	4	37	—	396	224	—	
Subtotal petroleum products	661	—	4	37	—	396	224	—	
2211 gasoline	313	—	—	—	—	261	52	—	
2330 distillate fuel oil	194	—	—	37	—	124	32	—	
2340 residual fuel oil	154	—	4	—	—	11	140	—	
<b>Total crude materials, inedible except fuels</b>	<b>534</b>	<b>—</b>	<b>2</b>	<b>—</b>	<b>—</b>	<b>338</b>	<b>193</b>	<b>—</b>	
Subtotal soil, sand, gravel, rock and stone	501	—	2	—	—	305	193	—	
4331 sand & gravel	501	—	2	—	—	305	193	—	
Subtotal marine shells	33	—	—	—	—	33	—	—	
4515 marine shells	33	—	—	—	—	33	—	—	
<b>Total food and farm products</b>	<b>33</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>33</b>	<b>—</b>	<b>—</b>	
Subtotal other agricultural products	33	—	—	—	—	33	—	—	
6865 molasses	33	—	—	—	—	33	—	—	
<b>Total all manufactured equipment, machinery and products</b>	<b>20</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>0</b>	<b>—</b>	<b>8</b>	
7110 machinery (not elec)	20	5	0	0	7	0	—	8	
Ton-miles (x1000)	9,979	0	25	0	0	6,572	3,302	80	
Internal									
<b>Tons All Traffic (x1000)</b>	<b>22,269</b>								
<b>Ton-miles All Traffic (x1000)</b>	<b>220,164</b>								
<b>Total Trip-ton-miles Internal and Intraport (x1000)</b>	<b>49,983</b>								

CARQUINEZ STRAIT, CA

Section Included: All of Carquinez Strait from Davis Point on the westerly end to the Benicia-Martinez Bridge at Suisun Point on the easterly end, a distance of about 8 miles. Controlling Depth: 33 feet. Project Depth: 45 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	20,203	2004	23,262	2007	25,962	2010	20,597
2002	21,948	2005	26,011	2008	24,397		
2003	22,458	2006	28,512	2009	21,923		

Freight Traffic, 2010 (thousand short tons)

Commodity	Total	Foreign				Canadian		
		Inbound	Outbound	Through		Inbound	Outbound	Through
				Upbound	Downbnd			
<b>Total, all commodities</b>	<b>12,979</b>	<b>7,153</b>	<b>1,176</b>	<b>1,869</b>	<b>2,117</b>	<b>523</b>	<b>126</b>	<b>14</b>
Total petroleum and petroleum products	9,730	6,574	1,176	14	1,304	521	126	14
Subtotal crude petroleum	6,904	6,424	—	—	—	479	—	—
2100 crude petroleum	6,904	6,424	—	—	—	479	—	—
Subtotal petroleum products	2,826	150	1,176	14	1,304	42	126	14
2211 gasoline	622	126	219	13	141	—	110	14
2221 kerosene	48	—	48	—	—	—	—	—
2330 distillate fuel oil	770	24	574	—	113	42	17	—
2340 residual fuel oil	189	—	189	—	—	—	—	—
2350 lube oil & greases	38	—	28	—	10	—	—	—
2410 petro. jelly & waxes	1	—	—	1	—	—	—	—
2429 naphtha & solvents	34	—	34	—	—	—	—	—
2540 petroleum coke	1,124	—	84	—	1,040	—	—	—
<b>Total chemicals and related products</b>	<b>879</b>	<b>—</b>	<b>—</b>	<b>876</b>	<b>3</b>	<b>—</b>	<b>—</b>	<b>—</b>
Subtotal fertilizers	615	—	—	615	—	—	—	—
3110 nitrogenous fert.	556	—	—	556	—	—	—	—
3130 potassic fert.	22	—	—	22	—	—	—	—
3190 fert. & mixes nec	38	—	—	38	—	—	—	—
Subtotal other chemicals and related products	264	—	—	261	3	—	—	—
3211 acyclic hydrocarbons	2	—	—	—	2	—	—	—
3240 nitrogen func. comp.	0	—	—	0	—	—	—	—
3260 organic comp. nec	0	—	—	0	—	—	—	—
3273 ammonia	238	—	—	238	—	—	—	—
3274 sodium hydroxide	3	—	—	3	—	—	—	—
3276 metallic salts	20	—	—	20	—	—	—	—
3286 plastics	1	—	—	0	1	—	—	—
<b>Total crude materials, inedible except fuels</b>	<b>402</b>	<b>—</b>	<b>—</b>	<b>184</b>	<b>219</b>	<b>—</b>	<b>—</b>	<b>—</b>
Subtotal soil, sand, gravel, rock and stone	120	—	—	120	—	—	—	—
4323 gypsum	120	—	—	120	—	—	—	—
Subtotal sulphur, clay and salt	219	—	—	—	219	—	—	—
4741 sulphur, (dry)	219	—	—	—	219	—	—	—
Subtotal slag	64	—	—	64	—	—	—	—
4860 slag	64	—	—	64	—	—	—	—
<b>Total primary manufactured goods</b>	<b>617</b>	<b>—</b>	<b>—</b>	<b>617</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
Subtotal lime, cement and glass	168	—	—	168	—	—	—	—
5220 cement & concrete	168	—	—	168	—	—	—	—

CARQUINEZ STRAIT, CA  
Freight Traffic, 2010 - continued  
(thousand short tons)

Commodity	Total	Foreign				Canadian		
		Inbound	Outbound	Through Upbound	Through Downbnd	Inbound	Outbound	Through Downbnd
<b>Subtotal primary iron and steel products</b>	<b>264</b>	—	—	<b>264</b>	—	—	—	—
5320 i&s primary forms	30	—	—	30	—	—	—	—
5330 i&s plates & sheets	193	—	—	193	—	—	—	—
5360 i&s bars & shapes	11	—	—	11	—	—	—	—
5370 i&s pipe & tube	30	—	—	30	—	—	—	—
<b>Subtotal primary non-ferrous metal products</b>	<b>185</b>	—	—	<b>185</b>	—	—	—	—
5480 fab. metal products	185	—	—	185	—	—	—	—
<b>Total food and farm products</b>	<b>1,175</b>	<b>431</b>	—	<b>155</b>	<b>589</b>	—	—	—
<b>Subtotal grain</b>	<b>588</b>	—	—	—	<b>588</b>	—	—	—
6442 rice	588	—	—	—	588	—	—	—
<b>Subtotal vegetable products</b>	<b>31</b>	—	—	<b>29</b>	<b>2</b>	—	—	—
6653 vegetable oils	31	—	—	29	2	—	—	—
<b>Subtotal other agricultural products</b>	<b>556</b>	<b>431</b>	—	<b>126</b>	—	—	—	—
6857 fruit & nuts nec	0	0	—	—	—	—	—	—
6858 fruit juices	0	0	—	—	—	—	—	—
6861 sugar	458	430	—	28	—	—	—	—
6865 molasses	94	—	—	94	—	—	—	—
6871 coffee	0	0	—	—	—	—	—	—
6889 food products nec	4	—	—	4	—	—	—	—
6891 tobacco & products	0	0	—	—	—	—	—	—
<b>Total all manufactured equipment, machinery and products</b>	<b>170</b>	<b>148</b>	—	<b>18</b>	<b>2</b>	<b>1</b>	—	—
7110 machinery (not elec)	15	0	—	14	1	—	—	—
7120 electrical machinery	1	—	—	1	—	—	—	—
7210 vehicles & parts	150	148	—	0	—	1	—	—
7600 rubber & plastic pr.	2	—	—	1	1	—	—	—
7900 manufac. prod. nec	2	0	—	2	—	—	—	—
<b>Total unknown or not elsewhere classified</b>	<b>5</b>	—	—	<b>5</b>	—	—	—	—
9900 unknown or nec	5	—	—	5	—	—	—	—
<b>Ton-miles (x1000)</b>	<b>87,431</b>	<b>47,824</b>	<b>7,487</b>	<b>13,086</b>	<b>14,822</b>	<b>3,658</b>	<b>457</b>	<b>96</b>
<b>Foreign &amp; Canadian</b>								

Commodity	Total	Coastwise				
		Receipts	Shipments	Through Upbound	Through Downbnd	
<b>Total, all commodities</b>	<b>6,384</b>	<b>3,107</b>	<b>2,286</b>	<b>638</b>	<b>354</b>	
<b>Total petroleum and petroleum products</b>	<b>5,899</b>	<b>2,945</b>	<b>1,962</b>	<b>638</b>	<b>354</b>	
<b>Subtotal crude petroleum</b>	<b>1,588</b>	<b>1,588</b>	—	—	—	
2100 crude petroleum	1,588	1,588	—	—	—	
<b>Subtotal petroleum products</b>	<b>4,311</b>	<b>1,357</b>	<b>1,962</b>	<b>638</b>	<b>354</b>	
2211 gasoline	2,591	411	1,488	551	140	
2330 distillate fuel oil	948	396	352	40	160	
2340 residual fuel oil	718	525	109	47	38	
2429 naphtha & solvents	55	25	14	—	16	
<b>Total chemicals and related products</b>	<b>313</b>	—	<b>313</b>	—	—	
<b>Subtotal other chemicals and related products</b>	<b>313</b>	—	<b>313</b>	—	—	
3220 alcohols	313	—	313	—	—	
<b>Total food and farm products</b>	<b>162</b>	<b>162</b>	—	—	—	
<b>Subtotal other agricultural products</b>	<b>162</b>	<b>162</b>	—	—	—	
6861 sugar	162	162	—	—	—	
<b>Total all manufactured equipment, machinery and products</b>	<b>10</b>	—	<b>10</b>	—	—	
7900 manufac. prod. nec	10	—	10	—	—	
<b>Ton-miles (x1000)</b>	<b>38,222</b>	<b>19,111</b>	<b>12,168</b>	<b>4,466</b>	<b>2,477</b>	
<b>Coastwise</b>						

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
Upbound d	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
<b>Total, all commodities</b>	<b>1,234</b>	<b>135</b>	<b>69</b>	<b>97</b>	<b>175</b>	<b>395</b>	<b>272</b>	<b>13</b>	<b>79</b>
<b>Total petroleum and petroleum products</b>	<b>918</b>	<b>135</b>	<b>69</b>	<b>97</b>	<b>175</b>	<b>298</b>	<b>53</b>	<b>13</b>	<b>79</b>
<b>Subtotal petroleum products</b>	<b>918</b>	<b>135</b>	<b>69</b>	<b>97</b>	<b>175</b>	<b>298</b>	<b>53</b>	<b>13</b>	<b>79</b>
2211 gasoline	480	102	8	91	31	159	21	—	68
2330 distillate fuel oil	237	23	13	6	—	139	32	13	11
2340 residual fuel oil	201	11	47	—	144	—	—	—	—
<b>Total crude materials, inedible except fuels</b>	<b>283</b>	—	—	—	—	<b>64</b>	<b>219</b>	—	—
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>262</b>	—	—	—	—	<b>43</b>	<b>219</b>	—	—
4331 sand & gravel	262	—	—	—	—	43	219	—	—
<b>Subtotal marine shells</b>	<b>21</b>	—	—	—	—	<b>21</b>	—	—	—
4515 marine shells	21	—	—	—	—	21	—	—	—
<b>Total food and farm products</b>	<b>33</b>	—	—	—	—	<b>33</b>	—	—	—
<b>Subtotal other agricultural products</b>	<b>33</b>	—	—	—	—	<b>33</b>	—	—	—

CARQUINEZ STRAIT, CA  
Freight Traffic, 2010 - continued  
(thousand short tons)

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
6865 molasses	33	—	—	—	—	33	—	—	—
<b>Total all manufactured equipment, machinery and products</b>	<b>0</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>0</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>—</b>
7110 machinery (not elec)	0	0	—	0	111	1,038	2,765	1,902	13
Ton-miles Internal (x1000)	6,796	679	0	111	1,038	2,765	1,902	13	288
Tons All Traffic (x1000)					20,597				
Ton-miles All Traffic (x1000)					132,448				
<b>Total Trip-ton-miles Internal and Intraport (x1000)</b>	<b>37,059</b>								

SUISUN BAY CHANNEL, CA

Section Included: Suisun Bay Channel from Suisun Point at west end of Benicia-Martinez Bridge to East Reach of Middleground Island thence to mouth of New York Slough. Controlling Depth: 35.0 feet from Suisun Point to Avon Wharf; 35.0 feet to Preston Point; 35.0 feet to Middle Point; 35.0 feet through East Reach Middleground Island, 38.0 feet to mouth of New York Slough, 35.0 feet thru New York Slough. Project Depth: 35 feet from Benicia-Martinez Bridge to Avon Pier, 30 feet for remainder of channel.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	6,419	2004	8,407	2007	8,585	<b>2010</b>	<b>5,912</b>
2002	8,469	2005	9,498	2008	6,626		
2003	8,155	2006	10,563	2009	6,297		

Freight Traffic, 2010 (thousand short tons)

Commodity	Total	Foreign				Canadian	
		Inbound	Outbound	Through			
		Upbound	Downbnd	Upbound	Downbnd		
<b>Total, all commodities</b>	<b>4,001</b>	<b>13</b>	<b>254</b>	<b>1,857</b>	<b>1,864</b>	<b>14</b>	
<b>Total petroleum and petroleum products</b>	<b>1,332</b>	<b>13</b>	<b>254</b>	<b>1</b>	<b>1,050</b>	<b>14</b>	
<b>Subtotal petroleum products</b>	<b>1,332</b>	<b>13</b>	<b>254</b>	<b>1</b>	<b>1,050</b>	<b>14</b>	
2211 gasoline	167	13	141	—	—	14	
2330 distillate fuel oil	113	—	113	—	—	—	
2350 lube oil & greases	10	—	—	—	10	—	
2410 petro. jelly & waxes	1	—	—	1	—	—	
2540 petroleum coke	1,040	—	—	—	1,040	—	
<b>Total chemicals and related products</b>	<b>879</b>	<b>—</b>	<b>—</b>	<b>876</b>	<b>3</b>	<b>—</b>	
<b>Subtotal fertilizers</b>	<b>615</b>	<b>—</b>	<b>—</b>	<b>615</b>	<b>—</b>	<b>—</b>	
3110 nitrogenous fert.	556	—	—	556	—	—	
3130 potassic fert.	22	—	—	22	—	—	
3190 fert. & mixes nec	38	—	—	38	—	—	
<b>Subtotal other chemicals and related products</b>	<b>264</b>	<b>—</b>	<b>—</b>	<b>261</b>	<b>3</b>	<b>—</b>	
3211 acyclic hydrocarbons	2	—	—	—	2	—	
3240 nitrogen func. comp.	0	—	—	0	—	—	
3260 organic comp. nec	0	—	—	0	—	—	
3273 ammonia	238	—	—	238	—	—	
3274 sodium hydroxide	3	—	—	3	—	—	
3276 metallic salts	20	—	—	20	—	—	
3286 plastics	1	—	—	0	1	—	
<b>Total crude materials, inedible except fuels</b>	<b>402</b>	<b>—</b>	<b>—</b>	<b>184</b>	<b>219</b>	<b>—</b>	
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>120</b>	<b>—</b>	<b>—</b>	<b>120</b>	<b>—</b>	<b>—</b>	
4323 gypsum	120	—	—	120	—	—	
<b>Subtotal sulphur, clay and salt</b>	<b>219</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>219</b>	<b>—</b>	
4741 sulphur, (dry)	219	—	—	—	219	—	
<b>Subtotal slag</b>	<b>64</b>	<b>—</b>	<b>—</b>	<b>64</b>	<b>—</b>	<b>—</b>	
4860 slag	64	—	—	64	—	—	
<b>Total primary manufactured goods</b>	<b>617</b>	<b>—</b>	<b>—</b>	<b>617</b>	<b>—</b>	<b>—</b>	
<b>Subtotal lime, cement and glass</b>	<b>168</b>	<b>—</b>	<b>—</b>	<b>168</b>	<b>—</b>	<b>—</b>	
5220 cement & concrete	168	—	—	168	—	—	
<b>Subtotal primary iron and steel products</b>	<b>264</b>	<b>—</b>	<b>—</b>	<b>264</b>	<b>—</b>	<b>—</b>	
5320 i&s primary forms	30	—	—	30	—	—	
5330 i&s plates & sheets	193	—	—	193	—	—	
5360 i&s bars & shapes	11	—	—	11	—	—	
5370 i&s pipe & tube	30	—	—	30	—	—	
<b>Subtotal primary non-ferrous metal products</b>	<b>185</b>	<b>—</b>	<b>—</b>	<b>185</b>	<b>—</b>	<b>—</b>	
5480 fab. metal products	185	—	—	185	—	—	
<b>Total food and farm products</b>	<b>744</b>	<b>—</b>	<b>—</b>	<b>155</b>	<b>589</b>	<b>—</b>	
<b>Subtotal grain</b>	<b>588</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>588</b>	<b>—</b>	
6442 rice	588	—	—	—	588	—	
<b>Subtotal vegetable products</b>	<b>31</b>	<b>—</b>	<b>—</b>	<b>29</b>	<b>2</b>	<b>—</b>	
6653 vegetable oils	31	—	—	29	2	—	
<b>Subtotal other agricultural products</b>	<b>126</b>	<b>—</b>	<b>—</b>	<b>126</b>	<b>—</b>	<b>—</b>	
6861 sugar	28	—	—	28	—	—	
6865 molasses	94	—	—	94	—	—	
6889 food products nec	4	—	—	4	—	—	
<b>Total all manufactured equipment, machinery and products</b>	<b>20</b>	<b>—</b>	<b>—</b>	<b>18</b>	<b>2</b>	<b>—</b>	
7110 machinery (not elec)	15	—	—	14	1	—	
7120 electrical machinery	1	—	—	1	—	—	
7210 vehicles & parts	0	—	—	0	—	—	
7600 rubber & plastic pr.	2	—	—	1	1	—	

SUISUN BAY CHANNEL, CA  
Freight Traffic, 2010 - continued  
(thousand short tons)

Commodity	Total	Foreign				Canadian Outbound	
		Inbound	Outbound	Through			
		Upbound	Downbnd	Upbound	Downbnd		
7900 manufac. prod. nec	2	—	—	2	—	—	
<b>Total unknown or not elsewhere classified</b>	<b>5</b>	—	—	5	—	—	
9900 unknown or nec	5	—	—	5	—	—	
Ton-miles (x1000)	56,315	13	483	27,848	27,957	14	
Foreign & Canadian							

Commodity	Total	Coastwise	
		Receipts	Shipments
		Upbound	Downbnd
<b>Total, all commodities</b>	<b>992</b>	<b>638</b>	<b>354</b>
<b>Total petroleum and petroleum products</b>	<b>992</b>	<b>638</b>	<b>354</b>
Subtotal petroleum products	992	638	354
2211 gasoline	691	551	140
2330 distillate fuel oil	200	40	160
2340 residual fuel oil	84	47	38
2429 naphtha & solvents	16	—	16
Ton-miles (x1000)	1,285	672	613
Coastwise			

Commodity	Total	Internal						
		Inbound		Outbound		Through		Intra
		Upbound	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
<b>Total, all commodities</b>	<b>919</b>	<b>438</b>	<b>43</b>	<b>212</b>	<b>54</b>	<b>128</b>	<b>10</b>	<b>34</b>
<b>Total petroleum and petroleum products</b>	<b>527</b>	<b>395</b>	<b>—</b>	<b>121</b>	<b>—</b>	<b>—</b>	<b>10</b>	<b>1</b>
Subtotal petroleum products	527	395	—	121	—	—	10	1
2211 gasoline	279	250	—	29	—	—	—	—
2330 distillate fuel oil	192	145	—	45	—	—	1	1
2340 residual fuel oil	47	—	—	47	—	—	—	—
2429 naphtha & solvents	9	—	—	—	—	—	9	—
<b>Total crude materials, inedible except fuels</b>	<b>359</b>	<b>43</b>	<b>43</b>	<b>91</b>	<b>21</b>	<b>128</b>	<b>—</b>	<b>33</b>
Subtotal soil, sand, gravel, rock and stone	338	43	43	91	—	128	—	33
4331 sand & gravel	338	43	43	91	—	128	—	33
Subtotal marine shells	21	—	—	—	21	—	—	—
4515 marine shells	21	—	—	—	21	—	—	—
<b>Total food and farm products</b>	<b>33</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>33</b>	<b>—</b>	<b>—</b>	<b>—</b>
Subtotal other agricultural products	33	—	—	—	33	—	—	—
6865 molasses	33	—	—	—	33	—	—	—
<b>Total all manufactured equipment, machinery and products</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>0</b>	<b>0</b>	<b>—</b>	<b>—</b>
7110 machinery (not elec)	0	—	—	—	0	0	—	—
Ton-miles (x1000)	4,678	395	301	907	809	1,921	10	334
Internal								
Tons All Traffic (x1000)	5,912							
Ton-miles All Traffic (x1000)	62,278							
Total Trip-ton-miles Internal and Intraport (x1000)	28,891							

### PETALUMA RIVER, CA

Section Included: From across the flats in San Pablo Bay to the mouth of the Petaluma River a distance of 5.3 miles with a controlling depth of 7.0 feet. from the mouth of the river to Western Ave. a distance of 13 miles with a controlling depth of 8.0 feet and 270 feet above Western Ave. A controlling depth of 4.0 feet. Project Depth is 8.0 feet, except for 200 feet above Western Ave. which is 4.0 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	322	2004	292	2007	638	2010	310
2002	323	2005	332	2008	712		
2003	292	2006	546	2009	398		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Domestic		
		Internal	Inbound	Upbound
<b>Total, all commodities</b>	<b>310</b>	<b>310</b>		
<b>Total crude materials, inedible except fuels</b>	<b>310</b>	<b>310</b>		
Subtotal soil, sand, gravel, rock and stone	298	298		
4331 sand & gravel	298	298		
<b>Subtotal marine shells</b>	<b>12</b>	<b>12</b>		
4515 marine shells	12	12		
<b>Ton-miles (x1000)</b>	<b>3,413</b>	<b>3,413</b>		
<b>Tons All Traffic (x1000)</b>	<b>310</b>			
<b>Ton-miles All Traffic (x1000)</b>	<b>3,413</b>			
<b>Total Trip-ton-miles Internal and Inraport (x1000)</b>	<b>15,403</b>			

### HUMBOLDT HARBOR AND BAY, CA

Section Included: Entrance channel to bay and channels in bay between Arcata Wharf on the north and Fields Landing on the south. Controlling Depth: Bar entrance channel, 45.1 feet; channel between the jetties, 35.0 feet; channel at intersection of Fields Landing and North Bay Channel, 27.5 feet, North Bay Channel, 34.8 feet to Standard Oil Wharf at Bucksport, 34.5 feet for remainder of channel; Samoa Channel, 34.6 feet; 30.0 feet in Samoa Turning Basin; Eureka Channel, 29.3 feet to angle in channel, 11.5 feet to "D" Street, 8.9 feet to head of project; Fields Landing Channel, 26.3 feet to Buhne Point, 29.6 feet at Buhne Point; 28.0 feet to turning basin, 28.5 feet in turning basin, 19.6 feet in southeast corner of turning basin. Project Depth: Entrance channel, 40 feet; North Bay, Samoa, and lower portion of Eureka Channel 30 feet, upper portion of Eureka Channel and Fields Landing Channel, 26 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	950	2004	1,010	2007	722	2010	339
2002	920	2005	1,063	2008	507		
2003	1,042	2006	956	2009	313		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Coastwise	
		Receipts	Shipments
<b>Total, all commodities</b>	<b>339</b>	<b>262</b>	<b>77</b>
<b>Total petroleum and petroleum products</b>	<b>261</b>	<b>261</b>	<b>—</b>
Subtotal petroleum products	261	261	—
2211 gasoline	261	261	—
<b>Total crude materials, inedible except fuels</b>	<b>77</b>	<b>—</b>	<b>77</b>
Subtotal forest products, wood and chips	77	—	77
4161 wood chips	77	—	77
<b>Total all manufactured equipment, machinery and products</b>	<b>1</b>	<b>1</b>	<b>—</b>
7120 electrical machinery	1	1	—

Other Harbors and Waterways 2010

Harbor or Waterway	Commodity	Thousand Short Tons
<b>Project</b>		
BERKELEY, CA	No Commerce Reported	
BODEGA BAY, CA	No Commerce Reported	
CRESCENT CITY HARBOR, CA	No Commerce Reported	
MONTEREY HARBOR, CA	No Commerce Reported	
MOSS LANDING HARBOR, CA	No Commerce Reported	
NAPA RIVER, CA	4331 sand & gravel	54
	<b>Total Tons(x1000)</b>	<b>54</b>
	<b>Total Ton-miles(x1000)</b>	<b>540</b>
	<b>Total Trip-ton-miles Internal and Intraport (x1000)</b>	<b>1,783</b>
<b>Non-project</b>		
NOYO RIVER, CA	No Commerce Reported	
PILLAR POINT HARBOR, CA	No Commerce Reported	
SAN LEANDRO MARINA, CA	4515 marine shells	30
	<b>Total Tons(x1000)</b>	<b>30</b>
SAN RAFAEL CREEK, CA	No Commerce Reported	
SANTA CRUZ HARBOR, CA	No Commerce Reported	
SUISUN CHANNEL, CA	No Commerce Reported	
<b>OTHER SAN FRANCISCO BAY AREA PORTS, CA (NET)</b>		
	2100 crude petroleum	449
	2211 gasoline	35
	2330 distillate fuel oil	24
	2340 residual fuel oil	242
	4331 sand & gravel	878
	4515 marine shells	33
	7110 machinery (not elec)	8
	<b>Total Tons(x1000)</b>	<b>1,670</b>
	<b>Total Ton-miles(x1000)</b>	<b>1,670</b>
	<b>Total Trip-ton-miles Internal and Intraport (x1000)</b>	<b>37,487</b>

HILO HARBOR, HAWAII IS., HI

Section Included: Port of Hilo. Controlling Depth: 34.0 feet. Project Depth: 35 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	1,680	2004	1,850	2007	2,782	2010	1,135
2002	1,765	2005	1,996	2008	2,068		
2003	1,850	2006	2,408	2009	1,088		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Foreign	Domestic	
		Inbound	Total	Coastwise
			Receipts	Shipments
<b>Total, all commodities</b>	<b>1,135</b>	<b>26</b>	<b>1,109</b>	<b>833</b>
<b>Total petroleum and petroleum products</b>	<b>480</b>	<b>17</b>	<b>463</b>	<b>463</b>
<b>Subtotal petroleum products</b>	<b>480</b>	<b>17</b>	<b>463</b>	<b>463</b>
2211 gasoline	178	—	178	178
2330 distillate fuel oil	117	—	117	117
2340 residual fuel oil	104	—	104	104
2350 lube oil & greases	0	—	0	0
2429 naphtha & solvents	60	—	60	60
2640 hydrocarbon & petrol gases, liquefied and gaseous	21	17	3	3
2990 petro. products nec	0	—	0	0
<b>Total chemicals and related products</b>	<b>16</b>	<b>—</b>	<b>16</b>	<b>16</b>
<b>Subtotal fertilizers</b>	<b>4</b>	<b>—</b>	<b>4</b>	<b>4</b>
3190 fert. & mixes nec	4	—	4	4
<b>Subtotal other chemicals and related products</b>	<b>13</b>	<b>—</b>	<b>13</b>	<b>13</b>
3220 alcohols	13	—	13	13
3285 perfumes & cleansers	0	—	0	0
3286 plastics	0	—	0	—
3299 chem. products nec	0	—	0	0
<b>Total crude materials, inedible except fuels</b>	<b>28</b>	<b>8</b>	<b>21</b>	<b>13</b>
<b>Subtotal forest products, wood and chips</b>	<b>15</b>	<b>—</b>	<b>15</b>	<b>13</b>
4189 lumber	14	—	14	13
4190 forest products nec	0	—	0	—
<b>Subtotal pulp and waste paper</b>	<b>1</b>	<b>—</b>	<b>1</b>	<b>—</b>
4225 pulp & waste paper	1	—	1	—
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>8</b>	<b>8</b>	<b>0</b>	<b>0</b>
4331 sand & gravel	8	8	—	—
4338 soil & fill dirt	0	—	0	—
<b>Subtotal iron ore and scrap</b>	<b>5</b>	<b>—</b>	<b>5</b>	<b>0</b>
4420 iron & steel scrap	5	—	5	5
<b>Total primary manufactured goods</b>	<b>531</b>	<b>—</b>	<b>531</b>	<b>286</b>
<b>Subtotal paper products</b>	<b>3</b>	<b>—</b>	<b>3</b>	<b>0</b>
5190 paper products nec	3	—	3	0
<b>Subtotal lime, cement and glass</b>	<b>14</b>	<b>—</b>	<b>14</b>	<b>14</b>
5220 cement & concrete	14	—	14	14
5290 misc. mineral prod.	0	—	0	0
<b>Subtotal primary iron and steel products</b>	<b>1</b>	<b>—</b>	<b>1</b>	<b>0</b>
5370 i&s pipe & tube	1	—	1	0
<b>Subtotal primary non-ferrous metal products</b>	<b>513</b>	<b>—</b>	<b>513</b>	<b>269</b>
5480 fab. metal products	513	—	513	244
<b>Total food and farm products</b>	<b>27</b>	<b>—</b>	<b>27</b>	<b>21</b>
<b>Subtotal grain</b>	<b>1</b>	<b>—</b>	<b>1</b>	<b>—</b>
6442 rice	1	—	1	—
<b>Subtotal vegetable products</b>	<b>6</b>	<b>—</b>	<b>6</b>	<b>4</b>
6654 vegetables & prod.	6	—	6	4
<b>Subtotal processed grain and animal feed</b>	<b>4</b>	<b>—</b>	<b>4</b>	<b>0</b>
6782 animal feed, prep.	4	—	4	0
<b>Subtotal other agricultural products</b>	<b>16</b>	<b>—</b>	<b>16</b>	<b>13</b>
6811 meat, fresh, frozen	1	—	1	0
6822 dairy products	0	—	0	—
6839 animals & prod. nec	0	—	0	0
6885 alcoholic beverages	5	—	5	5
6889 food products nec	8	—	8	7
6899 farm products nec	1	—	1	1
<b>Total all manufactured equipment, machinery and products</b>	<b>47</b>	<b>—</b>	<b>47</b>	<b>34</b>
7110 machinery (not elec)	7	—	7	7
7120 electrical machinery	1	—	1	0
7210 vehicles & parts	12	—	12	10
7400 manufac. wood prod.	10	—	10	8
7600 rubber & plastic pr.	1	—	1	0
7900 manufac. prod. nec	16	—	16	15
<b>Total waste and scrap nec</b>	<b>4</b>	<b>—</b>	<b>4</b>	<b>4</b>
8900 waste and scrap nec	4	—	4	4
<b>Total unknown or not elsewhere classified</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>
9900 unknown or nec	1	1	0	—

KAWAIHAE HARBOR, HAWAII IS., HI

Section Included: Port of Kawaihae. Controlling Depth: 42.0 feet in entrance channel and 36.0 feet in harbor basin. Project Depth: Harbor basin 35 feet; entrance channel 40 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	1,378	2004	2,277	2007	2,558	2010	1,050
2002	1,645	2005	2,217	2008	2,063		
2003	1,801	2006	2,728	2009	1,112		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Foreign	Domestic		
		Inbound	Total		Coastwise
			Receipts	Shipments	
<b>Total, all commodities</b>	<b>1,050</b>	<b>28</b>	<b>1,022</b>	<b>605</b>	<b>417</b>
<b>Total petroleum and petroleum products</b>	<b>1</b>	<b>—</b>	<b>1</b>	<b>1</b>	<b>—</b>
<b>Subtotal petroleum products</b>	<b>1</b>	<b>—</b>	<b>1</b>	<b>1</b>	<b>—</b>
2350 lube oil & greases	1	—	1	1	—
2990 petro. products nec	0	—	0	0	—
<b>Total chemicals and related products</b>	<b>5</b>	<b>—</b>	<b>5</b>	<b>5</b>	<b>0</b>
<b>Subtotal fertilizers</b>	<b>4</b>	<b>—</b>	<b>4</b>	<b>4</b>	<b>—</b>
3190 fert. & mixes nec	4	—	4	4	—
<b>Subtotal other chemicals and related products</b>	<b>1</b>	<b>—</b>	<b>1</b>	<b>1</b>	<b>0</b>
3282 pigments & paints	0	—	0	0	—
3285 perfumes & cleansers	0	—	0	0	—
3286 plastics	0	—	0	—	0
3299 chem. products nec	1	—	1	1	0
<b>Total crude materials, inedible except fuels</b>	<b>50</b>	<b>28</b>	<b>22</b>	<b>11</b>	<b>11</b>
<b>Subtotal forest products, wood and chips</b>	<b>12</b>	<b>—</b>	<b>12</b>	<b>11</b>	<b>1</b>
4189 lumber	11	—	11	10	1
4190 forest products nec	0	—	0	0	—
<b>Subtotal pulp and waste paper</b>	<b>1</b>	<b>—</b>	<b>1</b>	<b>—</b>	<b>1</b>
4225 pulp & waste paper	1	—	1	—	1
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>28</b>	<b>28</b>	<b>—</b>	<b>—</b>	<b>—</b>
4331 sand & gravel	28	28	—	—	—
<b>Subtotal iron ore and scrap</b>	<b>9</b>	<b>—</b>	<b>9</b>	<b>—</b>	<b>9</b>
4420 iron & steel scrap	9	—	9	—	9
<b>Total primary manufactured goods</b>	<b>704</b>	<b>—</b>	<b>704</b>	<b>398</b>	<b>306</b>
<b>Subtotal paper products</b>	<b>6</b>	<b>—</b>	<b>6</b>	<b>5</b>	<b>1</b>
5190 paper products nec	6	—	6	5	1
<b>Subtotal lime, cement and glass</b>	<b>31</b>	<b>—</b>	<b>31</b>	<b>31</b>	<b>0</b>
5220 cement & concrete	31	—	31	31	—
5240 glass & glass prod.	0	—	0	0	—
5290 misc. mineral prod.	0	—	0	0	0
<b>Subtotal primary iron and steel products</b>	<b>1</b>	<b>—</b>	<b>1</b>	<b>1</b>	<b>—</b>
5370 i&s pipe & tube	1	—	1	1	—
<b>Subtotal primary non-ferrous metal products</b>	<b>666</b>	<b>—</b>	<b>666</b>	<b>361</b>	<b>305</b>
5480 fab. metal products	666	—	666	361	305
<b>Total food and farm products</b>	<b>102</b>	<b>—</b>	<b>102</b>	<b>67</b>	<b>35</b>
<b>Subtotal fish</b>	<b>0</b>	<b>—</b>	<b>0</b>	<b>0</b>	<b>—</b>
6134 fish (not shellfish)	0	—	0	0	—
<b>Subtotal grain</b>	<b>3</b>	<b>—</b>	<b>3</b>	<b>3</b>	<b>—</b>
6442 rice	3	—	3	3	—
<b>Subtotal vegetable products</b>	<b>11</b>	<b>—</b>	<b>11</b>	<b>9</b>	<b>2</b>
6654 vegetables & prod.	11	—	11	9	2
<b>Subtotal processed grain and animal feed</b>	<b>5</b>	<b>—</b>	<b>5</b>	<b>5</b>	<b>0</b>
6781 hay & fodder	0	—	0	0	—
6782 animal feed, prep.	5	—	5	5	0
<b>Subtotal other agricultural products</b>	<b>83</b>	<b>—</b>	<b>83</b>	<b>50</b>	<b>32</b>
6811 meat, fresh, frozen	6	—	6	6	0
6822 dairy products	1	—	1	1	0
6839 animals & prod. nec	6	—	6	0	6
6871 coffee	1	—	1	0	1
6885 alcoholic beverages	17	—	17	17	0
6889 food products nec	49	—	49	24	24
6899 farm products nec	4	—	4	3	1
<b>Total all manufactured equipment, machinery and products</b>	<b>186</b>	<b>—</b>	<b>186</b>	<b>123</b>	<b>63</b>
7110 machinery (not elec)	10	—	10	2	8
7120 electrical machinery	2	—	2	1	1
7210 vehicles & parts	92	—	92	52	40
7220 aircraft & parts	0	—	0	—	0
7230 ships & boats	0	—	0	0	—
7400 manufac. wood prod.	26	—	26	21	5
7600 rubber & plastic pr.	1	—	1	0	0
7900 manufac. prod. nec	55	—	55	47	8
<b>Total waste and scrap nec</b>	<b>2</b>	<b>—</b>	<b>2</b>	<b>—</b>	<b>2</b>
8900 waste and scrap nec	2	—	2	—	2
<b>Total unknown or not elsewhere classified</b>	<b>0</b>	<b>—</b>	<b>0</b>	<b>0</b>	<b>—</b>
9900 unknown or nec	0	—	0	0	—

KAHULUI HARBOR, MAUI, HI

Section Included: Port of Kahului. Controlling Depth: 34.0 feet. Project Depth: 35 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	3,695	2004	3,901	2007	5,630	2010	2,114
2002	3,458	2005	4,132	2008	3,958		
2003	3,778	2006	4,794	2009	2,139		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Foreign	Domestic		
		Inbound	Coastwise		
		Total	Receipts	Shipments	
<b>Total, all commodities</b>	<b>2,114</b>	<b>94</b>	<b>2,020</b>	<b>1,244</b>	<b>776</b>
<b>Total coal</b>	<b>86</b>	<b>86</b>	<b>—</b>	<b>—</b>	<b>—</b>
1100 coal & lignite	86	86	—	—	—
<b>Total petroleum and petroleum products</b>	<b>479</b>	<b>8</b>	<b>471</b>	<b>471</b>	<b>0</b>
<b>Subtotal petroleum products</b>	<b>479</b>	<b>8</b>	<b>471</b>	<b>471</b>	<b>0</b>
2211 gasoline	206	—	206	206	—
2330 distillate fuel oil	185	—	185	185	—
2340 residual fuel oil	75	—	75	75	—
2350 lube oil & greases	1	—	1	1	0
2640 hydrocarbon & petrol gases, liquefied and gaseous	12	8	3	3	—
2990 petro. products nec	1	—	1	1	—
<b>Total chemicals and related products</b>	<b>19</b>	<b>—</b>	<b>19</b>	<b>19</b>	<b>0</b>
<b>Subtotal fertilizers</b>	<b>8</b>	<b>—</b>	<b>8</b>	<b>8</b>	<b>—</b>
3190 fert. & mixes nec	8	—	8	8	—
<b>Subtotal other chemicals and related products</b>	<b>11</b>	<b>—</b>	<b>11</b>	<b>11</b>	<b>0</b>
3220 alcohols	10	—	10	10	—
3282 pigments & paints	0	—	0	0	—
3285 perfumes & cleansers	0	—	0	0	—
3286 plastics	0	—	0	—	0
3291 pesticides	0	—	0	0	—
3299 chem. products nec	0	—	0	0	—
<b>Total crude materials, inedible except fuels</b>	<b>18</b>	<b>—</b>	<b>18</b>	<b>14</b>	<b>4</b>
<b>Subtotal forest products, wood and chips</b>	<b>14</b>	<b>—</b>	<b>14</b>	<b>14</b>	<b>0</b>
4189 lumber	14	—	14	13	0
4190 forest products nec	1	—	1	1	—
<b>Subtotal pulp and waste paper</b>	<b>0</b>	<b>—</b>	<b>0</b>	<b>—</b>	<b>0</b>
4225 pulp & waste paper	0	—	0	—	0
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>0</b>	<b>—</b>	<b>0</b>	<b>0</b>	<b>—</b>
4338 soil & fill dirt	0	—	0	0	—
<b>Subtotal iron ore and scrap</b>	<b>4</b>	<b>—</b>	<b>4</b>	<b>0</b>	<b>4</b>
4420 iron & steel scrap	4	—	4	0	4
<b>Total primary manufactured goods</b>	<b>1,081</b>	<b>—</b>	<b>1,081</b>	<b>551</b>	<b>531</b>
<b>Subtotal paper products</b>	<b>5</b>	<b>—</b>	<b>5</b>	<b>5</b>	<b>0</b>
5190 paper products nec	5	—	5	5	0
<b>Subtotal lime, cement and glass</b>	<b>30</b>	<b>—</b>	<b>30</b>	<b>30</b>	<b>—</b>
5220 cement & concrete	29	—	29	29	—
5290 misc. mineral prod.	0	—	0	0	—
<b>Subtotal primary iron and steel products</b>	<b>1</b>	<b>—</b>	<b>1</b>	<b>1</b>	<b>—</b>
5370 i&s pipe & tube	1	—	1	1	—
<b>Subtotal primary non-ferrous metal products</b>	<b>1,046</b>	<b>—</b>	<b>1,046</b>	<b>516</b>	<b>530</b>
5480 fab. metal products	1,046	—	1,046	516	530
<b>Total food and farm products</b>	<b>292</b>	<b>—</b>	<b>292</b>	<b>96</b>	<b>197</b>
<b>Subtotal grain</b>	<b>3</b>	<b>—</b>	<b>3</b>	<b>3</b>	<b>—</b>
6442 rice	3	—	3	3	—
<b>Subtotal vegetable products</b>	<b>13</b>	<b>—</b>	<b>13</b>	<b>12</b>	<b>1</b>
6654 vegetables & prod.	13	—	13	12	1
<b>Subtotal processed grain and animal feed</b>	<b>7</b>	<b>—</b>	<b>7</b>	<b>6</b>	<b>0</b>
6781 hay & fodder	1	—	1	1	—
6782 animal feed, prep.	6	—	6	5	0
<b>Subtotal other agricultural products</b>	<b>270</b>	<b>—</b>	<b>270</b>	<b>74</b>	<b>196</b>
6811 meat, fresh, frozen	5	—	5	5	—
6822 dairy products	0	—	0	0	—
6839 animals & prod. nec	2	—	2	0	1
6861 sugar	162	—	162	—	162
6865 molasses	21	—	21	—	21
6871 coffee	0	—	0	—	0
6885 alcoholic beverages	24	—	24	24	0
6889 food products nec	51	—	51	40	11
6899 farm products nec	4	—	4	4	—
<b>Total all manufactured equipment, machinery and products</b>	<b>130</b>	<b>—</b>	<b>130</b>	<b>93</b>	<b>36</b>
7110 machinery (not elec)	8	—	8	2	5
7120 electrical machinery	2	—	2	1	1
7210 vehicles & parts	26	—	26	16	10
7400 manufac. wood prod.	31	—	31	24	8
7600 rubber & plastic pr.	1	—	1	0	1
7900 manufac. prod. nec	62	—	62	51	11
<b>Total waste and scrap nec</b>	<b>8</b>	<b>—</b>	<b>8</b>	<b>—</b>	<b>8</b>
8900 waste and scrap nec	8	—	8	—	8
<b>Total unknown or not elsewhere classified</b>	<b>1</b>	<b>—</b>	<b>1</b>	<b>1</b>	<b>—</b>
9900 unknown or nec	1	—	1	1	—

BARBERS POINT HARBOR, OAHU, HI

Section Included: Barbers Point Harbor. Controlling Depth: 42 feet in the entrance channel and 37 feet in the main access channel and basin. Projects Depth: 42 feet in the entrance channel; 38 feet in the deep-draft harbor main access channel and basin; 21 feet in light-draft harbor basin. Deep draft anchorage (foreign and pipeline).

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	6,079	2004	6,086	2007	11,295	2010	9,171
2002	5,990	2005	6,344	2008	10,137		
2003	5,930	2006	10,724	2009	9,670		

Prior to CY2006, crude oil imports offloading to the pipeline at Barbers Point were incorrectly credited to Honolulu Harbor. All years in the Comparative Statement of Traffic have been updated.

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Foreign		Inbound	Domestic			Internal	
		Inbound	Outbound		Coastwise		Receipts		Upbound
					Total	Coastwise	Receipts	Shipments	Downbnd
<b>Total, all commodities</b>	<b>9,171</b>	<b>7,121</b>	<b>213</b>	<b>216</b>	<b>1,620</b>	<b>308</b>	<b>1,265</b>	<b>18</b>	<b>31</b>
<b>Total coal</b>	<b>745</b>	<b>745</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
1100 coal & lignite	745	745	—	—	—	—	—	—	—
<b>Total petroleum and petroleum products</b>	<b>7,603</b>	<b>6,087</b>	<b>100</b>	<b>61</b>	<b>1,355</b>	<b>171</b>	<b>1,137</b>	<b>18</b>	<b>31</b>
<b>Subtotal crude petroleum</b>	<b>6,087</b>	<b>6,087</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
2100 crude petroleum	6,087	6,087	—	—	—	—	—	—	—
<b>Subtotal petroleum products</b>	<b>1,516</b>	<b>0</b>	<b>100</b>	<b>61</b>	<b>1,355</b>	<b>171</b>	<b>1,137</b>	<b>18</b>	<b>31</b>
2211 gasoline	501	—	37	—	464	25	439	—	—
2330 distillate fuel oil	604	—	63	—	541	101	391	18	31
2340 residual fuel oil	258	0	—	—	258	43	216	—	—
2429 naphtha & solvents	85	—	—	—	85	2	83	—	—
2540 petroleum coke	61	0	—	61	—	—	—	—	—
2640 hydrocarbon & petro gases, liquefied and gaseous	7	—	—	—	7	—	7	—	—
<b>Total chemicals and related products</b>	<b>90</b>	<b>4</b>	<b>—</b>	<b>—</b>	<b>86</b>	<b>48</b>	<b>38</b>	<b>—</b>	<b>—</b>
<b>Subtotal other chemicals and related products</b>	<b>90</b>	<b>4</b>	<b>—</b>	<b>—</b>	<b>86</b>	<b>48</b>	<b>38</b>	<b>—</b>	<b>—</b>
3212 benzene & toluene	17	—	—	—	17	—	17	—	—
3220 alcohols	69	—	—	—	69	48	21	—	—
3260 organic comp, nec	4	4	—	—	—	—	—	—	—
3285 perfumes & cleansers	0	0	—	—	—	—	—	—	—
3286 plastics	1	—	—	—	1	1	—	—	—
<b>Total crude materials, inedible except fuels</b>	<b>325</b>	<b>4</b>	<b>113</b>	<b>155</b>	<b>52</b>	<b>52</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>Subtotal forest products, wood and chips</b>	<b>50</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>50</b>	<b>50</b>	<b>—</b>	<b>—</b>	<b>—</b>
4170 wood in the rough	2	—	—	—	2	2	—	—	—
4189 lumber	48	—	—	—	48	48	—	—	—
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>157</b>	<b>—</b>	<b>—</b>	<b>155</b>	<b>2</b>	<b>2</b>	<b>—</b>	<b>—</b>	<b>—</b>
4331 sand & gravel	157	—	—	155	2	2	—	—	—
<b>Subtotal iron ore and scrap</b>	<b>113</b>	<b>—</b>	<b>113</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
4420 iron & steel scrap	113	—	113	—	—	—	—	—	—
<b>Subtotal slag</b>	<b>4</b>	<b>4</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
4860 slag	4	4	—	—	—	—	—	—	—
<b>Total primary manufactured goods</b>	<b>393</b>	<b>268</b>	<b>—</b>	<b>—</b>	<b>125</b>	<b>35</b>	<b>90</b>	<b>—</b>	<b>—</b>
<b>Subtotal paper products</b>	<b>3</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>3</b>	<b>3</b>	<b>—</b>	<b>—</b>	<b>—</b>
5190 paper products nec	3	—	—	—	3	3	—	—	—
<b>Subtotal lime, cement and glass</b>	<b>358</b>	<b>268</b>	<b>—</b>	<b>—</b>	<b>90</b>	<b>0</b>	<b>90</b>	<b>—</b>	<b>—</b>
5220 cement & concrete	358	268	—	—	90	—	90	—	—
5290 misc. mineral prod.	0	—	—	—	0	0	—	—	—
<b>Subtotal primary iron and steel products</b>	<b>10</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>10</b>	<b>10</b>	<b>—</b>	<b>—</b>	<b>—</b>
5360 i&s bars & shapes	10	—	—	—	10	10	—	—	—
<b>Subtotal primary non-ferrous metal products</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>0</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>—</b>
5480 fab. metal products	0	—	—	—	0	0	—	—	—
<b>Subtotal primary wood products</b>	<b>21</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>21</b>	<b>21</b>	<b>—</b>	<b>—</b>	<b>—</b>
5540 primary wood prod.	21	—	—	—	21	21	—	—	—
<b>Total food and farm products</b>	<b>6</b>	<b>6</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>Subtotal vegetable products</b>	<b>6</b>	<b>6</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
6653 vegetable oils	6	6	—	—	—	—	—	—	—
<b>Total all manufactured equipment, machinery and products</b>	<b>8</b>	<b>7</b>	<b>—</b>	<b>—</b>	<b>1</b>	<b>1</b>	<b>—</b>	<b>—</b>	<b>—</b>
7110 machinery (not elec)	3	2	—	—	1	1	—	—	—
7120 electrical machinery	1	1	—	—	—	—	—	—	—
7210 vehicles & parts	0	0	—	—	0	0	—	—	—
7230 ships & boats	0	0	—	—	0	0	—	—	—
7900 manufac. prod. nec	3	3	—	—	0	0	—	—	—
<b>Total unknown or not elsewhere classified</b>	<b>0</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>

**BARBERS POINT HARBOR, OAHU, HI**  
 Freight Traffic, 2010 - continued  
 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic			
		Inbound	Outbound		Total	Coastwise		Internal
				Receipts	Shipments	Upbound	Downbnd	
9900 unknown or nec	0	0	—	—	—	—	—	—
<b>Tons All Traffic (x1000)</b>			<b>9,171</b>					
<b>Total Trip-ton-miles Internal and Intraport (x1000)</b>			<b>48</b>					

**HONOLULU HARBOR, OAHU, HI**

Section Included: Port of Honolulu. Controlling Depth: 45.0 feet in the entrance channel; 40.0 feet in the main harbor basin; 40.0 feet in Kapalama Basin; 40.0 feet in the connecting channel. Project Depth: 45.0 feet in the entrance channel; 40.0 feet in harbor basin, connecting channel; 23.0 feet in Kalihhi Channel.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	16,562	2004	19,085	2007	17,582	2010	<b>8,903</b>
2002	16,636	2005	20,394	2008	14,006		
2003	17,836	2006	16,224	2009	9,161		

Prior to CY2006, crude oil imports offloading to the pipeline at Barbers Point were incorrectly credited to Honolulu Harbor. All years in the Comparative Statement of Traffic have been updated.

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Inbound	Outbound	Inbound	Outbound	Total	Coastwise	
				Receipts	Shipments	Receipts	Shipments	
<b>Total, all commodities</b>	<b>8,903</b>	<b>814</b>	<b>282</b>	<b>23</b>	<b>11</b>	<b>7,773</b>	<b>5,011</b>	<b>2,763</b>
<b>Total coal</b>	<b>0</b>	—	—	—	—	<b>0</b>	<b>0</b>	—
1100 coal & lignite	0	—	—	—	—	0	0	—
<b>Total petroleum and petroleum products</b>	<b>1,111</b>	<b>644</b>	<b>139</b>	—	<b>11</b>	<b>317</b>	<b>210</b>	<b>108</b>
Subtotal crude petroleum	119	—	—	—	—	119	119	—
2100 crude petroleum	119	—	—	—	—	119	119	—
Subtotal petroleum products	<b>992</b>	<b>644</b>	<b>139</b>	—	<b>11</b>	<b>198</b>	<b>90</b>	<b>108</b>
2211 gasoline	695	505	66	—	11	113	59	54
2330 distillate fuel oil	235	139	40	—	—	56	14	43
2350 lube oil & greases	7	—	—	—	—	7	5	3
2429 naphtha & solvents	43	—	33	—	—	10	4	6
2540 petroleum coke	0	0	—	—	—	—	—	—
2640 hydrocarbon & petrol gases, liquefied and gaseous	4	0	—	—	—	3	2	1
2990 petro. products nec	9	—	—	—	—	9	7	2
<b>Total chemicals and related products</b>	<b>244</b>	<b>9</b>	<b>5</b>	<b>11</b>	—	<b>219</b>	<b>190</b>	<b>28</b>
Subtotal fertilizers	62	1	0	—	—	61	41	20
3110 nitrogenous fert.	0	0	—	—	—	—	—	—
3130 potasic fert.	0	0	—	—	—	—	—	—
3190 fert. & mixes nec	61	0	0	—	—	61	41	20
Subtotal other chemicals and related products	<b>182</b>	<b>8</b>	<b>4</b>	<b>11</b>	—	<b>158</b>	<b>150</b>	<b>8</b>
3212 benzene & toluene	0	0	—	—	—	—	—	—
3219 other hydrocarbons	0	—	—	—	—	0	0	—
3220 alcohols	104	0	—	—	—	104	102	2
3230 carboxylic acids	0	0	—	—	—	0	0	—
3240 nitrogen func. comp.	0	0	—	—	—	0	0	—
3250 organo - inorg. comp.	0	0	—	—	—	—	—	—
3260 organic comp. nec	0	0	—	—	—	0	0	0
3272 sulphuric acid	0	0	—	—	—	—	—	—
3274 sodium hydroxide	0	—	—	—	—	0	0	—
3275 inorg. elem., oxides, & halogen salts	0	0	0	—	—	0	0	—
3276 metallic salts	1	1	—	—	—	—	—	—
3281 radioactive material	0	0	—	—	—	—	—	—
3282 pigments & paints	9	0	—	—	—	9	8	1
3283 coloring mat. nec	0	0	—	—	—	—	—	—
3284 medicines	0	0	0	—	—	0	0	—
3285 perfumes & cleansers	23	1	0	—	—	22	21	1
3286 plastics	14	5	4	—	—	5	5	0
3291 pesticides	1	0	—	—	—	0	0	0
3292 starches, gluten, glue	12	1	—	11	—	0	0	—
3293 explosives	1	1	—	—	—	0	0	—
3297 chemical additives	0	0	0	—	—	—	—	—
3299 chem. products nec	19	1	—	—	—	18	13	5
<b>Total crude materials, inedible except fuels</b>	<b>227</b>	<b>9</b>	<b>49</b>	—	—	<b>169</b>	<b>116</b>	<b>53</b>
<b>Subtotal forest products, wood and chips</b>	<b>143</b>	<b>3</b>	<b>0</b>	—	—	<b>139</b>	<b>92</b>	<b>48</b>
4110 rubber & gums	0	0	—	—	—	—	—	—
4150 fuel wood	0	0	—	—	—	0	0	—
4170 wood in the rough	0	0	0	—	—	0	0	—
4189 lumber	139	2	0	—	—	136	90	46
4190 forest products nec	4	1	0	—	—	4	2	1
Subtotal pulp and waste paper	<b>42</b>	<b>0</b>	<b>40</b>	—	—	<b>2</b>	<b>2</b>	—
4225 pulp & waste paper	42	0	40	—	—	2	2	—

HONOLULU HARBOR, OAHU, HI  
 Freight Traffic, 2010 - continued  
 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Inbound	Outbound	Inbound	Outbound	Total	Coastwise Receipts	Shipments
<b>Subtotal soil, sand, gravel, rock and stone</b>	7	3	2	—	—	1	1	0
4310 building stone	4	2	2	—	—	—	—	—
4322 limestone	0	0	—	—	—	—	—	—
4331 sand & gravel	3	1	0	—	—	1	1	—
4338 soil & fill dirt	0	—	—	—	—	0	—	0
<b>Subtotal iron ore and scrap</b>	<b>29</b>	<b>2</b>	<b>1</b>	—	—	<b>26</b>	<b>20</b>	<b>6</b>
4420 iron & steel scrap	29	2	1	—	—	26	20	6
<b>Subtotal marine shells</b>	<b>0</b>	<b>0</b>	—	—	—	—	—	—
4515 marine shells	0	0	—	—	—	—	—	—
<b>Subtotal non-ferrous ores and scrap</b>	<b>3</b>	<b>0</b>	<b>3</b>	—	—	—	—	—
4680 non-ferrous scrap	3	0	3	—	—	—	—	—
<b>Subtotal sulphur, clay and salt</b>	<b>0</b>	<b>0</b>	—	—	—	—	—	—
4782 clay & refrac. mat.	0	0	—	—	—	—	—	—
<b>Subtotal other non-metal. min.</b>	<b>4</b>	<b>1</b>	<b>3</b>	—	—	<b>0</b>	<b>0</b>	<b>0</b>
4900 non-metal. min. nec	4	1	3	—	—	0	0	0
<b>Total primary manufactured goods</b>	<b>3,194</b>	<b>25</b>	<b>24</b>	—	—	<b>3,144</b>	<b>1,532</b>	<b>1,612</b>
<b>Subtotal paper products</b>	<b>104</b>	<b>9</b>	<b>2</b>	—	—	<b>92</b>	<b>74</b>	<b>19</b>
5110 newsprint	0	—	—	—	—	0	0	—
5120 paper & paperboard	7	5	1	—	—	0	0	—
5190 paper products nec	97	4	1	—	—	92	74	19
<b>Subtotal lime, cement and glass</b>	<b>56</b>	<b>11</b>	<b>0</b>	—	—	<b>45</b>	<b>43</b>	<b>2</b>
5210 lime	10	—	—	—	—	10	8	1
5220 cement & concrete	0	—	—	—	—	0	—	0
5240 glass & glass prod.	2	1	—	—	—	1	1	0
5290 misc. mineral prod.	44	10	0	—	—	34	34	1
<b>Subtotal primary iron and steel products</b>	<b>28</b>	<b>0</b>	<b>0</b>	—	—	<b>28</b>	<b>25</b>	<b>3</b>
5320 i&s primary forms	0	0	—	—	—	—	—	—
5330 i&s plates & sheets	0	0	—	—	—	—	—	—
5360 i&s bars & shapes	16	0	—	—	—	16	16	0
5370 i&s pipe & tube	12	0	0	—	—	12	9	3
5390 primary i&s nec	0	0	0	—	—	—	—	—
<b>Subtotal primary non-ferrous metal products</b>	<b>2,988</b>	<b>3</b>	<b>21</b>	—	—	<b>2,964</b>	<b>1,375</b>	<b>1,589</b>
5421 copper	0	0	—	—	—	—	—	—
5422 aluminum	0	0	0	—	—	—	—	—
5429 smelted prod. nec	21	0	21	—	—	—	—	—
5480 fab. metal products	2,968	3	0	—	—	2,964	1,375	1,589
<b>Subtotal primary wood products</b>	<b>17</b>	<b>1</b>	<b>0</b>	—	—	<b>15</b>	<b>14</b>	<b>1</b>
5540 primary wood prod.	17	1	0	—	—	15	14	1
<b>Total food and farm products</b>	<b>1,514</b>	<b>65</b>	<b>39</b>	<b>11</b>	—	<b>1,398</b>	<b>1,045</b>	<b>353</b>
<b>Subtotal fish</b>	<b>4</b>	<b>4</b>	<b>0</b>	—	—	<b>0</b>	<b>0</b>	<b>0</b>
6134 fish (not shellfish)	3	3	0	—	—	0	0	0
6136 shellfish	1	1	—	—	—	—	—	—
<b>Subtotal grain</b>	<b>77</b>	<b>3</b>	<b>1</b>	<b>11</b>	—	<b>62</b>	<b>45</b>	<b>17</b>
6241 wheat	11	0	—	11	—	—	—	—
6344 corn	0	0	0	—	—	0	0	—
6442 rice	66	3	1	—	—	62	45	17
<b>Subtotal oilseeds</b>	<b>1</b>	<b>1</b>	—	—	—	—	—	—
6521 peanuts	0	0	—	—	—	—	—	—
6522 soybeans	1	1	—	—	—	—	—	—
6590 oilseeds nec	0	0	—	—	—	—	—	—
<b>Subtotal vegetable products</b>	<b>149</b>	<b>8</b>	<b>0</b>	—	—	<b>141</b>	<b>109</b>	<b>32</b>
6653 vegetable oils	0	0	—	—	—	—	—	—
6654 vegetables & prod.	149	8	0	—	—	141	109	32
<b>Subtotal processed grain and animal feed</b>	<b>72</b>	<b>3</b>	<b>2</b>	—	—	<b>67</b>	<b>42</b>	<b>24</b>
6746 wheat flour	0	0	0	—	—	—	—	—
6747 grain mill products	5	3	2	—	—	0	0	—
6781 hay & fodder	3	—	—	—	—	3	1	1
6782 animal feed, prep.	64	0	0	—	—	64	41	23
<b>Subtotal other agricultural products</b>	<b>1,211</b>	<b>46</b>	<b>36</b>	<b>0</b>	—	<b>1,128</b>	<b>849</b>	<b>280</b>
6811 meat, fresh, frozen	102	6	0	0	—	96	78	18
6817 meat, prepared	0	0	—	—	—	—	—	—
6822 dairy products	5	0	0	—	—	5	4	1
6835 fish, prepared	1	1	0	—	—	—	—	—
6839 animals & prod. nec	20	2	—	—	—	18	10	9
6856 bananas & plantains	1	0	0	—	—	1	1	0
6857 fruit & nuts nec	9	3	1	—	—	5	0	5
6858 fruit juices	5	3	1	—	—	1	1	—
6861 sugar	0	0	—	—	—	0	0	0
6865 molasses	44	—	—	—	—	44	21	22
6871 coffee	6	0	0	—	—	6	4	3
6872 cocoa beans	0	0	0	—	—	—	—	—
6885 alcoholic beverages	199	16	0	—	—	182	129	53
6887 groceries	1	—	—	—	—	1	1	0
6888 water & ice	33	4	29	—	—	—	—	—
6889 food products nec	751	11	4	—	—	736	576	160
6891 tobacco & products	1	0	—	—	—	1	1	0
6893 cotton	0	0	—	—	—	—	—	—
6894 natural fibers nec	0	0	—	—	—	—	—	—
6899 farm products nec	32	0	0	—	—	32	23	9
<b>Total all manufactured equipment, machinery and products</b>	<b>2,565</b>	<b>57</b>	<b>16</b>	<b>0</b>	—	<b>2,492</b>	<b>1,890</b>	<b>602</b>
7110 machinery (not elec)	93	1	0	0	—	91	74	17

HONOLULU HARBOR, OAHU, HI  
 Freight Traffic, 2010 - continued  
 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Inbound	Outbound	Inbound	Outbound	Total	Coastwise	
						Receipts	Shipments	
7120 electrical machinery	32	2	0	—	—	30	18	12
7210 vehicles & parts	374	18	1	—	—	355	190	165
7220 aircraft & parts	0	0	0	—	—	0	0	—
7230 ships & boats	1	0	0	—	—	1	0	0
7300 ordnance & access.	11	—	—	—	—	11	11	0
7400 manufac. wood prod.	344	2	0	—	—	342	222	120
7500 textile products	7	5	2	—	—	0	0	0
7600 rubber & plastic pr.	29	8	9	—	—	12	9	2
7900 manufac. prod. nec	1,675	22	2	0	—	1,650	1,366	285
<b>Total waste and scrap nec</b>	<b>19</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>19</b>	<b>19</b>	<b>0</b>
8900 waste and scrap nec	19	—	—	—	—	19	19	0
<b>Total unknown or not elsewhere classified</b>	<b>29</b>	<b>4</b>	<b>11</b>	<b>—</b>	<b>—</b>	<b>14</b>	<b>9</b>	<b>5</b>
9900 unknown or nec	29	4	11	—	—	14	9	5

NAWILIWILI HARBOR, KAUAI, HI

Section Included: Port of Nawiliwili. Controlling Depth: 41.0 feet in the outer channel; 41.0 feet in the inner channel; 34.0 feet in the harbor basin.  
 Project Depth: 40 feet in the channel; 35 feet in the harbor basin.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	1,478	2004	1,757	2007	2,333	2010	877
2002	1,619	2005	1,977	2008	1,680		
2003	1,721	2006	1,864	2009	951		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Foreign		Domestic		
		Inbound	Total	Coastwise		Shipments
				Receipts	Shipments	
<b>Total, all commodities</b>	<b>877</b>	<b>10</b>	<b>866</b>	<b>586</b>	<b>280</b>	<b>—</b>
<b>Total petroleum and petroleum products</b>	<b>93</b>	<b>10</b>	<b>83</b>	<b>83</b>	<b>—</b>	<b>—</b>
<b>Subtotal petroleum products</b>	<b>93</b>	<b>10</b>	<b>83</b>	<b>83</b>	<b>—</b>	<b>—</b>
2211 gasoline	79	—	79	79	—	—
2330 distillate fuel oil	1	—	1	1	—	—
2350 lube oil & greases	1	—	1	1	—	—
2640 hydrocarbon & petrol gases, liquefied and gaseous	12	10	2	2	—	—
2990 petro. products nec	0	—	0	0	—	—
<b>Total chemicals and related products</b>	<b>4</b>	<b>—</b>	<b>4</b>	<b>4</b>	<b>0</b>	<b>0</b>
<b>Subtotal fertilizers</b>	<b>4</b>	<b>—</b>	<b>4</b>	<b>4</b>	<b>0</b>	<b>0</b>
3190 fert. & mixes nec	4	—	4	4	—	0
<b>Subtotal other chemicals and related products</b>	<b>0</b>	<b>—</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
3285 perfumes & cleansers	0	—	0	0	—	—
3286 plastics	0	—	0	0	—	0
3299 chem. products nec	0	—	0	0	—	—
<b>Total crude materials, inedible except fuels</b>	<b>4</b>	<b>—</b>	<b>4</b>	<b>2</b>	<b>2</b>	<b>2</b>
<b>Subtotal forest products, wood and chips</b>	<b>2</b>	<b>—</b>	<b>2</b>	<b>2</b>	<b>—</b>	<b>—</b>
4189 lumber	2	—	2	2	—	—
4190 forest products nec	0	—	0	0	—	—
<b>Subtotal iron ore and scrap</b>	<b>2</b>	<b>—</b>	<b>2</b>	<b>—</b>	<b>—</b>	<b>2</b>
4420 iron & steel scrap	2	—	2	2	—	2
<b>Total primary manufactured goods</b>	<b>679</b>	<b>—</b>	<b>679</b>	<b>440</b>	<b>239</b>	<b>—</b>
<b>Subtotal paper products</b>	<b>1</b>	<b>—</b>	<b>1</b>	<b>1</b>	<b>—</b>	<b>—</b>
5190 paper products nec	1	—	1	1	—	—
<b>Subtotal lime, cement and glass</b>	<b>17</b>	<b>—</b>	<b>17</b>	<b>17</b>	<b>—</b>	<b>—</b>
5220 cement & concrete	17	—	17	17	—	—
5240 glass & glass prod.	0	—	0	0	—	—
5290 misc. mineral prod.	0	—	0	0	—	—
<b>Subtotal primary iron and steel products</b>	<b>0</b>	<b>—</b>	<b>0</b>	<b>0</b>	<b>—</b>	<b>—</b>
5370 i&s pipe & tube	0	—	0	0	—	—
<b>Subtotal primary non-ferrous metal products</b>	<b>661</b>	<b>—</b>	<b>661</b>	<b>422</b>	<b>239</b>	<b>—</b>
5480 fab. metal products	661	—	661	422	239	—
<b>Total food and farm products</b>	<b>18</b>	<b>—</b>	<b>18</b>	<b>16</b>	<b>2</b>	<b>—</b>
<b>Subtotal grain</b>	<b>1</b>	<b>—</b>	<b>1</b>	<b>1</b>	<b>—</b>	<b>—</b>
6442 rice	1	—	1	1	—	—
<b>Subtotal vegetable products</b>	<b>1</b>	<b>—</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>
6654 vegetables & prod.	1	—	1	1	0	0
<b>Subtotal processed grain and animal feed</b>	<b>2</b>	<b>—</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>1</b>
6781 hay & fodder	0	—	0	0	—	—
6782 animal feed, prep.	2	—	2	2	—	1
<b>Subtotal other agricultural products</b>	<b>15</b>	<b>—</b>	<b>15</b>	<b>13</b>	<b>2</b>	<b>—</b>
6811 meat, fresh, frozen	1	—	1	1	—	—
6822 dairy products	0	—	0	0	—	—
6839 animals & prod. nec	0	—	0	0	—	0
6871 coffee	2	—	2	0	—	2
6885 alcoholic beverages	7	—	7	7	—	0
6889 food products nec	5	—	5	5	—	0
6899 farm products nec	0	—	0	0	—	—
<b>Total all manufactured equipment, machinery and products</b>	<b>74</b>	<b>—</b>	<b>74</b>	<b>41</b>	<b>33</b>	<b>—</b>
7110 machinery (not elec)	8	—	8	2	6	—
7120 electrical machinery	1	—	1	1	0	—
7210 vehicles & parts	33	—	33	14	19	—

NAWILIWILI HARBOR, KAUAI, HI  
 Freight Traffic, 2010 - continued  
 (thousand short tons)

Commodity	Grand Total	Foreign		Domestic	
		Inbound	Total	Coastwise	
			Receipts	Shipments	
7220 aircraft & parts	0	—	0	—	0
7230 ships & boats	0	—	0	0	—
7400 manufac. wood prod.	15	—	15	12	3
7600 rubber & plastic pr.	1	—	1	0	0
7900 manufac. prod. nec	17	—	17	12	5
<b>Total waste and scrap nec</b>	<b>4</b>	<b>—</b>	<b>4</b>	<b>—</b>	<b>4</b>
8900 waste and scrap nec	4	—	4	—	4
<b>Total unknown or not elsewhere classified</b>	<b>0</b>	<b>—</b>	<b>0</b>	<b>0</b>	<b>—</b>
9900 unknown or nec	0	—	0	0	—

Other Harbors and Waterways 2010

Harbor or Waterway Project	Commodity	Thousand Short Tons
HANA HARBOR, MAUI, HI	No Commerce Reported	
KAILUA HARBOR, OAHU, HI	No Commerce Reported	
KALAUPAPA HARBOR, MOLOKAI, HI	No Commerce Reported	
KAUNAKAKAI HARBOR, MOLOKAI, HI	5480 fab. metal products 7210 vehicles & parts 7900 manufac. prod. nec	27 0 0
<b>TOTAL TONS(x1000)</b>		<b>28</b>
POR ALLEN HARBOR, KAUAI, HI	No Commerce Reported	
WAKE ISLAND HARBOR, WAKE ISLAND	No Commerce Reported	
WELLS HARBOR, MIDWAY ISLAND	No Commerce Reported	

COLUMBIA RIVER AND TRIBUTARIES ABOVE MCNARY LOCK AND DAM TO KENNEWICK, WA

Section Included: Columbia River and Tributaries, McNary Lock and Dam to Kennewick, WA. Controlling Depth: 20 feet. Project Depth: 14 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	6,732	2004	6,707	2007	6,889	<b>2010</b>	<b>5,503</b>
2002	5,080	2005	6,252	2008	4,871		
2003	6,452	2006	6,509	2009	5,725		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Internal				
		Inbound	Outbound	Through		
		Upbound	Upbound	Downbnd	Upbound	Downbnd
<b>Total, all commodities</b>	<b>5,503</b>	<b>800</b>	<b>2</b>	<b>1,318</b>	<b>687</b>	<b>2,696</b>
<b>Total petroleum and petroleum products</b>	<b>1,363</b>	<b>781</b>	<b>—</b>	<b>1</b>	<b>580</b>	<b>—</b>
<b>Subtotal petroleum products</b>	<b>1,363</b>	<b>781</b>	<b>—</b>	<b>1</b>	<b>580</b>	<b>—</b>
2211 gasoline	690	390	—	—	300	—
2221 kerosene	7	6	—	1	—	—
2330 distillate fuel oil	139	—	—	—	139	—
2340 residual fuel oil	527	386	—	—	142	—
<b>Total chemicals and related products</b>	<b>26</b>	<b>17</b>	<b>—</b>	<b>—</b>	<b>9</b>	<b>—</b>
<b>Subtotal fertilizers</b>	<b>26</b>	<b>17</b>	<b>—</b>	<b>—</b>	<b>9</b>	<b>—</b>
3110 nitrogenous fert.	26	17	—	—	9	—
<b>Total crude materials, inedible except fuels</b>	<b>281</b>	<b>2</b>	<b>2</b>	<b>—</b>	<b>95</b>	<b>183</b>
<b>Subtotal forest products, wood and chips</b>	<b>189</b>	<b>2</b>	<b>2</b>	<b>—</b>	<b>95</b>	<b>90</b>
4150 fuel wood	18	—	—	—	18	—
4161 wood chips	99	2	2	—	77	18
4170 wood in the rough	72	—	—	—	0	72
<b>Subtotal iron ore and scrap</b>	<b>92</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>92</b>
4420 iron & steel scrap	92	—	—	—	—	92
<b>Subtotal sulphur, clay and salt</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>0</b>
4782 clav & refrac. mat.	0	—	—	—	—	0
<b>Total primary manufactured goods</b>	<b>7</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>7</b>
<b>Subtotal paper products</b>	<b>7</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>7</b>
5120 paper & paperboard	6	—	—	—	—	6
5190 paper products nec	1	—	—	—	—	1
<b>Total food and farm products</b>	<b>3,825</b>	<b>—</b>	<b>—</b>	<b>1,317</b>	<b>3</b>	<b>2,506</b>
<b>Subtotal grain</b>	<b>3,753</b>	<b>—</b>	<b>—</b>	<b>1,317</b>	<b>3</b>	<b>2,434</b>
6241 wheat	3,737	—	—	1,311	3	2,424
6344 corn	5	—	—	5	—	—
6443 barley & rye	11	—	—	0	—	10
<b>Subtotal vegetable products</b>	<b>72</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>72</b>
6654 vegetables & prod.	72	—	—	—	—	72
<b>Total all manufactured equipment, machinery and products</b>	<b>1</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>1</b>	<b>0</b>
7110 machinery (not elec)	1	—	—	—	1	—
7900 manufac. prod. nec	0	—	—	—	—	0
Ton-miles (x1000)	183,929	30,386	6	35,156	24,038	94,343

Tons All Traffic (x1000) **5,503**  
Ton-miles All Traffic (x1000) **183,929**  
Total Trip-ton-miles Internal and Intraport (x1000) **1,542,680**

SNAKE RIVER, OR, WA AND ID

Section Included: Mouth of Snake River to Johnson Bar Landing. Controlling Depth: 14 feet from mouth to Ice Harbor Lock Approach Channel; 14 feet in Ice Harbor Approach Channel; 14 feet within Ice Harbor pool; 14 feet in Lower Monumental approach channel; 14 feet within lower monumental pool; 14 feet in Little Goose Approach Channel; 14 feet within Little Goose Pool; 14 feet in Lower Granite Approach Channel; 14 feet within Lower Granite Pool; about 3 feet from head of Lower Granite Pool to Johnson Bar Landing. Project Depth: 14 feet from mouth to the Ice Harbor approach channel; 14 feet in Ice Harbor Channel; 14 feet within Ice Harbor pool; 14 feet in Lower Monumental Approach channel; 14 feet within Lower Monumental Pool; 14 feet in Little Goose Approach Channel; 14 feet in Little Goose channel; 14 feet within Little Goose pool; 14 feet in Lower Granite approach channel; 14 feet in Lower Granite Channel; 14 feet within Lower Granite Pool; 2 feet to Johnson Bar Landing.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	5,639	2004	5,774	2007	5,415	<b>2010</b>	<b>3,384</b>
2002	4,284	2005	5,286	2008	3,701		
2003	5,339	2006	5,242	2009	4,399		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Internal			
		Inbound	Outbound	Through	
		Upbound	Downbnd	Upbound	Downbnd
<b>Total, all commodities</b>	<b>3,384</b>	<b>688</b>	<b>2,042</b>	<b>1</b>	<b>653</b>
<b>Total petroleum and petroleum products</b>	<b>580</b>	<b>580</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>Subtotal petroleum products</b>	<b>580</b>	<b>580</b>	<b>—</b>	<b>—</b>	<b>—</b>
2211 gasoline	300	300	—	—	—
2330 distillate fuel oil	139	139	—	—	—
2340 residual fuel oil	142	142	—	—	—
<b>Total chemicals and related products</b>	<b>9</b>	<b>9</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>Subtotal fertilizers</b>	<b>9</b>	<b>9</b>	<b>—</b>	<b>—</b>	<b>—</b>
3110 nitrogenous fert.	9	9	—	—	—
<b>Total crude materials, inedible except fuels</b>	<b>279</b>	<b>97</b>	<b>183</b>	<b>—</b>	<b>0</b>
<b>Subtotal forest products, wood and chips</b>	<b>187</b>	<b>97</b>	<b>90</b>	<b>—</b>	<b>—</b>
4150 fuel wood	18	18	—	—	—
4161 wood chips	97	79	18	—	—

SNAKE RIVER, OR, WA AND ID  
 Freight Traffic, 2010 - continued  
 (thousand short tons)

Commodity	Grand Total	Internal			
		Inbound	Outbound	Through	
		Upbound	Downbnd	Upbound	Downbnd
4170 wood in the rough	72	0	72	—	—
<b>Subtotal iron ore and scrap</b>	<b>92</b>	—	<b>92</b>	—	—
4420 iron & steel scrap	92	—	92	—	—
<b>Subtotal sulphur, clay and salt</b>	<b>0</b>	—	—	—	<b>0</b>
4782 clav & refrac. mat.	0	—	—	—	0
<b>Total primary manufactured goods</b>	<b>7</b>	—	—	—	<b>7</b>
<b>Subtotal paper products</b>	<b>7</b>	—	—	—	<b>7</b>
5120 paper & paperboard	6	—	—	—	6
5190 paper products nec	1	—	—	—	1
<b>Total food and farm products</b>	<b>2,509</b>	<b>3</b>	<b>1,860</b>	—	<b>646</b>
<b>Subtotal grain</b>	<b>2,436</b>	<b>3</b>	<b>1,860</b>	—	<b>574</b>
6241 wheat	2,426	3	1,854	—	570
6443 barley & rye	10	—	6	—	4
<b>Subtotal vegetable products</b>	<b>72</b>	—	—	—	<b>72</b>
6654 vegetables & prod.	72	—	—	—	72
<b>Total all manufactured equipment, machinery and products</b>	<b>1</b>	—	—	<b>1</b>	<b>0</b>
7110 machinery (not elec)	1	—	—	1	—
7900 manufac. prod. nec	0	—	—	—	0
<b>Ton-miles (x1000)</b>	<b>273,340</b>	<b>18,943</b>	<b>158,940</b>	<b>106</b>	<b>95,351</b>

Tons All Traffic (x1000) 3,384  
 Ton-miles All Traffic (x1000) 273,340  
 Total Trip-ton-miles Internal and Inraport (x1000) 1,059,529

TOTAL WATERBORNE COMMERCE, COLUMBIA RIVER BASIN, OR, WA, AND ID

Freight Traffic, 2010  
(thousand short tons)

Locality	*Foreign/Canadian		Domestic				Total	Percent	Through		
	Inbound	Outbound	Coastwise		Internal				Traffic		
			Receipts	Shipmnts	Receipts	Intraport Shipmnts					
SKAMOKAWA CREEK, WA	—	—	—	—	—	—	—	0.00	—		
SNAKE RIVER, OR, WA AND ID	—	—	—	—	2,730	—	2,730	4.28	654		
WESTPORT SLOUGH, OR	—	—	—	—	—	—	—	0.00	—		
LAKE RIVER, WA	—	—	—	—	—	—	—	0.00	—		
COWLITZ RIVER, WA	—	—	—	—	—	—	—	0.00	—		
CHINOOK CHANNEL, WA	—	—	—	—	—	—	—	0.00	—		
COLUMBIA AND LOWER WILLAMETTE RIVERS BELOW VANCOUVER	4,229	34,905	2,876	404	8,561	588	51,563	80.80	2,975		
DEEP RIVER, WA	—	—	—	—	—	—	—	0.00	—		
OREGON SLOUGH (NORTH PORTLAND HARBOR), OR	1,521	802	—	—	135	—	2,458	3.85	—		
GRAYS RIVER, WA	—	—	—	—	—	—	—	0.00	—		
WILLAMETTE RIVER ABOVE PORTLAND AND YAMHILL RIVER	—	—	—	—	597	—	597	0.94	—		
COLUMBIA RIVER AT BAKERS BAY, WA	—	—	—	—	—	—	—	0.00	—		
SKAMOKAWA (STEAMBOAT) SLOUGH, WA	—	—	—	—	—	—	—	0.00	—		
ELOKOMIN SLOUGH, WA	—	—	—	—	—	—	—	0.00	—		
CLATSASKIE RIVER, OR	—	—	—	—	—	—	—	0.00	—		
COLUMBIA RIVER BETWEEN WENATCHEE AND KETTLE FALLS	—	—	—	—	—	—	—	0.00	—		
COLUMBIA RIVER AND TRIBUTARIES ABOVE MCNARY LOCK A	—	—	—	—	2,120	—	2,120	3.32	3,382		
MULTNOMAH CHANNEL, OR	—	—	—	—	958	—	958	1.50	—		
COLUMBIA RIVER ABOVE THE DALLES DAM, WA AND OR TO	—	—	—	—	1,895	—	1,895	2.97	5,494		
COLUMBIA RIVER BETWEEN VANCOUVER, WA AND THE DALLE	—	—	—	8	1,194	287	1,490	2.33	7,171		
LEWIS RIVER, WA	—	—	—	—	—	—	—	0.00	—		
YOUNGS BAY AND YOUNGS RIVER, OR	—	—	—	—	—	—	—	0.00	—		
SKIPANON CHANNEL, OR	—	—	—	—	5	—	5	0.01	—		
TOTAL (UNADJUSTED)	5,750	35,707	2,876	412	18,196	876	63,816	—	19,675		
PERCENT (UNADJUSTED)	9.01	55.95	4.51	0.64	28.51	1.37	—	100.00	—		
NET VOLUME OF TONNAGE FOR THE BASIN**	5,750	35,707	2,876	412	9,425	876	55,045	—	—		
PERCENT (ADJUSTED)	10.45	64.87	5.23	0.75	17.12	1.59	—	100.00	—		

\* Through traffic not credited as such to total tonnage for Basin, but credited to projects or rivers where shipped or received.

\*\* Adjusted to net volume by excluding duplication of internal traffic moved between the separate waterways of the Basin.

COLUMBIA RIVER ENTRANCE, OR AND WA

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	37,988	2004	41,200	2007	44,776	2010	44,745
2002	34,497	2005	39,167	2008	44,736		
2003	35,320	2006	39,652	2009	36,171		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		Total	Coastwise		
		Through		Through		Through					
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd				
<b>Total, all commodities</b>	<b>44,745</b>	<b>5,051</b>	<b>35,603</b>	<b>699</b>	<b>104</b>	<b>3,288</b>	<b>2,876</b>	<b>412</b>			
<b>Total petroleum and petroleum products</b>	<b>3,792</b>	<b>334</b>	<b>872</b>	<b>100</b>	<b>80</b>	<b>2,405</b>	<b>2,379</b>	<b>26</b>			
Subtotal petroleum products	3,792	334	872	100	80	2,405	2,379	26			
2211 gasoline	1,857	221	—	50	—	1,586	1,565	20			
2330 distillate fuel oil	649	55	0	50	—	544	544	—			
2340 residual fuel oil	146	—	—	—	—	146	140	6			
2350 lube oil & greases	127	—	—	—	—	127	127	—			
2410 petro. jelly & waxes	0	0	—	—	—	—	—	—			
2429 naphtha & solvents	2	—	0	—	—	2	2	—			
2430 asphalt, tar & pitch	23	23	—	—	—	—	—	—			
2540 petroleum coke	986	33	872	—	80	—	—	—			
2640 hydrocarbon & petrol gases, liquefied and gaseous	1	1	—	—	—	—	—	—			
<b>Total chemicals and related products</b>	<b>6,319</b>	<b>937</b>	<b>5,338</b>	<b>20</b>	<b>24</b>	<b>1</b>	<b>—</b>	<b>1</b>			
<b>Subtotal fertilizers</b>	<b>3,037</b>	<b>283</b>	<b>2,730</b>	<b>—</b>	<b>24</b>	<b>—</b>	<b>—</b>	<b>—</b>			
3110 nitrogenous fert.	282	282	—	—	—	—	—	—			
3130 potassic fert.	2,722	—	2,698	—	24	—	—	—			

COLUMBIA RIVER ENTRANCE, OR AND WA  
Freight Traffic, 2010 - continued  
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Through		Through		Total	Coastwise	
		Upbound	Downbnd	Upbound	Downbnd		Through	Upbound
3190 fert. & mixes nec	32	0	32	—	—	—	—	—
<b>Subtotal other chemicals and related products</b>	<b>3,282</b>	<b>654</b>	<b>2,608</b>	<b>20</b>	<b>—</b>	<b>1</b>	<b>—</b>	<b>1</b>
3212 benzene & toluene	59	59	—	—	—	—	—	—
3219 other hydrocarbons	0	0	—	—	—	—	—	—
3220 alcohols	146	146	0	—	—	—	—	—
3230 carboxylic acids	7	1	6	—	—	—	—	—
3240 nitrogen func. comp.	16	1	0	15	—	—	—	—
3250 organo - inorg. comp.	1	1	0	—	—	—	—	—
3260 organic comp. nec	5	2	3	—	—	—	—	—
3272 sulphuric acid	23	23	—	—	—	—	—	—
3273 ammonia	59	59	—	—	—	—	—	—
3274 sodium hydroxide	323	323	—	—	—	—	—	—
3275 inorg. elem., oxides, & halogen salts	56	4	52	—	—	—	—	—
3276 metallic salts	2,533	8	2,525	—	—	—	—	—
3279 inorganic chem. nec	1	1	1	—	—	—	—	—
3281 radioactive material	0	0	0	—	—	—	—	—
3282 pigments & paints	1	1	0	—	—	—	—	—
3283 coloring mat. nec	2	2	—	—	—	—	—	—
3284 medicines	1	1	0	—	—	—	—	—
3285 perfumes & cleansers	4	1	3	—	—	—	—	—
3286 plastics	19	8	10	—	—	1	—	1
3291 pesticides	0	0	0	—	—	—	—	—
3292 starches, gluten, glue	1	1	0	—	—	—	—	—
3293 explosives	1	1	0	—	—	—	—	—
3297 chemical additives	0	0	0	—	—	—	—	—
3298 wood & resin chem.	0	0	—	—	—	—	—	—
3299 chem. products nec	23	11	7	5	—	—	—	—
<b>Total crude materials, inedible except fuels</b>	<b>7,153</b>	<b>944</b>	<b>4,859</b>	<b>512</b>	<b>—</b>	<b>838</b>	<b>498</b>	<b>340</b>
<b>Subtotal forest products, wood and chips</b>	<b>3,658</b>	<b>83</b>	<b>2,739</b>	<b>—</b>	<b>—</b>	<b>836</b>	<b>498</b>	<b>338</b>
4110 rubber & gums	0	0	—	—	—	—	—	—
4150 fuel wood	0	0	0	—	—	—	—	—
4161 wood chips	393	—	—	—	—	393	393	—
4170 wood in the rough	2,557	0	2,449	—	—	107	105	2
4189 lumber	706	82	289	—	—	336	—	336
4190 forest products nec	1	1	1	—	—	—	—	—
<b>Subtotal pulp and waste paper</b>	<b>229</b>	<b>42</b>	<b>187</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
4225 pulp & waste paper	229	42	187	—	—	—	—	—
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>752</b>	<b>306</b>	<b>0</b>	<b>443</b>	<b>—</b>	<b>2</b>	<b>—</b>	<b>2</b>
4310 building stone	4	4	0	—	—	—	—	—
4322 limestone	416	0	—	415	—	—	—	—
4323 gypsum	302	302	0	—	—	—	—	—
4331 sand & gravel	31	1	0	28	—	2	—	2
<b>Subtotal iron ore and scrap</b>	<b>1,386</b>	<b>46</b>	<b>1,311</b>	<b>29</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
4410 iron ore	46	46	—	—	—	—	—	—
4420 iron & steel scrap	1,340	—	1,311	29	—	—	—	—
<b>Subtotal marine shells</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
4515 marine shells	0	0	0	—	—	—	—	—
<b>Subtotal non-ferrous ores and scrap</b>	<b>669</b>	<b>259</b>	<b>410</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
4630 copper ore	382	—	382	—	—	—	—	—
4650 aluminum ore	260	259	0	—	—	—	—	—
4680 non-ferrous scrap	27	0	27	—	—	—	—	—
<b>Subtotal sulphur, clay and salt</b>	<b>245</b>	<b>0</b>	<b>205</b>	<b>40</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
4782 clay & refrac. mat.	245	0	205	40	—	—	—	—
<b>Subtotal slag</b>	<b>0</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
4860 slag	0	0	—	—	—	—	—	—
<b>Subtotal other non-metal. min.</b>	<b>214</b>	<b>206</b>	<b>7</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
4900 non-metal. min. nec	214	206	7	—	—	—	—	—
<b>Total primary manufactured goods</b>	<b>2,244</b>	<b>1,904</b>	<b>243</b>	<b>54</b>	<b>—</b>	<b>43</b>	<b>—</b>	<b>43</b>
<b>Subtotal paper products</b>	<b>130</b>	<b>17</b>	<b>111</b>	<b>—</b>	<b>—</b>	<b>3</b>	<b>—</b>	<b>3</b>
5110 newsprint	45	—	45	—	—	—	—	—
5120 paper & paperboard	64	10	54	—	—	—	—	—
5190 paper products nec	22	6	13	—	—	3	—	3
<b>Subtotal lime, cement and glass</b>	<b>402</b>	<b>347</b>	<b>2</b>	<b>54</b>	<b>—</b>	<b>0</b>	<b>—</b>	<b>0</b>
5220 cement & concrete	359	305	—	54	—	—	—	—
5240 glass & glass prod.	19	19	1	—	—	—	—	—
5290 misc. mineral prod.	24	23	1	—	—	0	—	0
<b>Subtotal primary iron and steel products</b>	<b>1,462</b>	<b>1,414</b>	<b>38</b>	<b>—</b>	<b>—</b>	<b>10</b>	<b>—</b>	<b>10</b>
5312 pig iron	1	1	0	—	—	—	—	—
5315 ferro alloys	11	11	—	—	—	—	—	—
5320 i&s primary forms	1,075	1,043	33	—	—	—	—	—
5330 i&s plates & sheets	267	266	0	—	—	—	—	—
5360 i&s bars & shapes	23	8	4	—	—	10	—	10
5370 i&s pipe & tube	53	53	0	—	—	—	—	—
5390 primary i&s nec	32	32	0	—	—	—	—	—
<b>Subtotal primary non-ferrous metal products</b>	<b>196</b>	<b>97</b>	<b>90</b>	<b>—</b>	<b>—</b>	<b>8</b>	<b>—</b>	<b>8</b>
5421 copper	15	1	14	—	—	—	—	—
5422 aluminum	9	9	0	—	—	—	—	—
5429 smelted prod. nec	37	1	36	—	—	—	—	—
5480 fab. metal products	135	86	41	—	—	8	—	8

COLUMBIA RIVER ENTRANCE, OR AND WA  
Freight Traffic, 2010 - continued  
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Through		Through		Total	Coastwise	
		Upbound	Downbnd	Upbound	Downbnd		Through	Upbound
<b>Subtotal primary wood products</b>	54	29	3	—	—	21	—	21
5540 primary wood prod.	54	29	3	—	—	21	—	21
<b>Total food and farm products</b>	<b>24,332</b>	<b>92</b>	<b>24,226</b>	<b>14</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>Subtotal fish</b>	8	3	6	—	—	—	—	—
6134 fish (not shellfish)	6	1	5	—	—	—	—	—
6136 shellfish	2	1	0	—	—	—	—	—
<b>Subtotal grain</b>	<b>15,635</b>	<b>5</b>	<b>15,630</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
6241 wheat	12,476	4	12,473	—	—	—	—	—
6344 corn	3,120	1	3,120	—	—	—	—	—
6442 rice	1	1	—	—	—	—	—	—
6443 barley & rye	10	—	10	—	—	—	—	—
6445 oats	0	0	0	—	—	—	—	—
6447 sorghum grains	27	—	27	—	—	—	—	—
<b>Subtotal oilseeds</b>	<b>7,629</b>	<b>8</b>	<b>7,621</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
6521 peanuts	0	—	0	—	—	—	—	—
6522 soybeans	7,074	5	7,069	—	—	—	—	—
6534 flaxseed	0	0	—	—	—	—	—	—
6590 oilseeds nec	555	2	552	—	—	—	—	—
<b>Subtotal vegetable products</b>	<b>222</b>	<b>22</b>	<b>200</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
6653 vegetable oils	2	2	—	—	—	—	—	—
6654 vegetables & prod.	220	20	200	—	—	—	—	—
<b>Subtotal processed grain and animal feed</b>	<b>640</b>	<b>1</b>	<b>625</b>	<b>14</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
6746 wheat flour	0	0	0	—	—	—	—	—
6747 grain mill products	29	0	15	14	—	—	—	—
6781 hay & fodder	199	0	199	—	—	—	—	—
6782 animal feed, prep.	412	0	412	—	—	—	—	—
<b>Subtotal other agricultural products</b>	<b>199</b>	<b>54</b>	<b>145</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
6811 meat, fresh, frozen	0	0	0	—	—	—	—	—
6817 meat, prepared	0	—	0	—	—	—	—	—
6822 dairy products	18	0	18	—	—	—	—	—
6835 fish, prepared	1	1	0	—	—	—	—	—
6839 animals & prod. nec	14	0	13	—	—	—	—	—
6857 fruit & nuts nec	25	4	20	—	—	—	—	—
6858 fruit juices	20	15	5	—	—	—	—	—
6861 sugar	2	2	—	—	—	—	—	—
6865 molasses	0	0	—	—	—	—	—	—
6871 coffee	9	9	0	—	—	—	—	—
6872 cocoa beans	0	0	—	—	—	—	—	—
6885 alcoholic beverages	14	14	0	—	—	—	—	—
6888 water & ice	1	1	—	—	—	—	—	—
6889 food products nec	13	6	7	—	—	—	—	—
6891 tobacco & products	0	0	—	—	—	—	—	—
6893 cotton	0	0	0	—	—	—	—	—
6894 natural fibers nec	4	1	3	—	—	—	—	—
6899 farm products nec	78	0	78	—	—	—	—	—
<b>Total all manufactured equipment, machinery and products</b>	<b>862</b>	<b>827</b>	<b>34</b>	<b>0</b>	<b>—</b>	<b>1</b>	<b>—</b>	<b>1</b>
7110 machinery (not elec)	55	43	11	0	—	1	—	1
7120 electrical machinery	39	37	2	—	—	0	—	0
7210 vehicles & parts	537	527	9	0	—	0	—	0
7220 aircraft & parts	0	0	0	—	—	—	—	—
7230 ships & boats	1	0	0	0	—	0	—	0
7300 ordnance & access.	0	0	0	—	—	—	—	—
7400 manufac. wood prod.	13	11	2	—	—	—	—	—
7500 textile products	27	23	3	—	—	—	—	—
7600 rubber & plastic pr.	59	58	1	—	—	—	—	—
7900 manufac. prod. nec	132	127	5	0	—	0	—	0
<b>Total unknown or not elsewhere classified</b>	<b>43</b>	<b>13</b>	<b>30</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
9900 unknown or nec	43	13	30	0	—	—	—	—

COLUMBIA RIVER, MOUTH TO INTERNATIONAL BOUNDARY (CONSOLIDATED REPORT)

Section Included: Mouth to International Boundary, a distance of 745 miles. Controlling Depth: 38 feet or better between mouth of Columbia River and mouth of Willamette River; 38 feet to lower turning basin, Vancouver, WA; other channel depths range from 15 to 4 feet. Project Depth: 55/48 feet across entrance bar; 40 feet from mouth of Columbia River to mouth of Willamette River; 40 feet from mouth of Willamette River to Vancouver; Other Project Depths range from 27 to 7 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	50,348	2004	53,774	2007	58,149	2010	54,714
2002	45,027	2005	51,488	2008	54,762		
2003	47,158	2006	52,279	2009	45,960		

Freight Traffic, 2010 (thousand short tons)

Commodity	Total	Foreign				Canadian			
		Inbound	Outbound	Through		Inbound	Outbound	Through	
				Upbound	Downbnd			Upbound	Downbnd
<b>Total, all commodities</b>	<b>41,457</b>	<b>2,192</b>	<b>21,329</b>	<b>2,859</b>	<b>14,274</b>	<b>85</b>	<b>80</b>	<b>614</b>	<b>24</b>
<b>Total petroleum and petroleum products</b>	<b>1,387</b>	<b>71</b>	<b>872</b>	<b>263</b>	<b>0</b>	<b>10</b>	<b>80</b>	<b>90</b>	<b>—</b>
<b>Subtotal petroleum products</b>	<b>1,387</b>	<b>71</b>	<b>872</b>	<b>263</b>	<b>0</b>	<b>10</b>	<b>80</b>	<b>90</b>	<b>—</b>
2211 gasoline	272	14	—	207	—	—	—	50	—
2330 distillate fuel oil	105	22	—	33	0	10	—	40	—
2410 petro. jelly & waxes	0	0	—	0	—	—	—	—	—
2429 naphtha & solvents	0	—	—	—	0	—	—	—	—
2430 asphalt, tar & pitch	23	—	—	23	—	—	—	—	—
2540 petroleum coke	986	33	872	—	0	—	80	—	—
2640 hydrocarbon & petrol gases, liquefied and gaseous	1	1	—	0	—	—	—	—	—
<b>Total chemicals and related products</b>	<b>6,318</b>	<b>569</b>	<b>198</b>	<b>368</b>	<b>5,140</b>	<b>5</b>	<b>—</b>	<b>15</b>	<b>24</b>
<b>Subtotal fertilizers</b>	<b>3,037</b>	<b>10</b>	<b>115</b>	<b>273</b>	<b>2,615</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>24</b>
3110 nitrogenous fert.	282	10	—	272	—	—	—	—	—
3130 potassic fert.	2,722	—	108	—	2,590	—	—	—	24
3190 fert. & mixes nec	32	—	7	0	25	—	—	—	—
<b>Subtotal other chemicals and related products</b>	<b>3,281</b>	<b>559</b>	<b>83</b>	<b>95</b>	<b>2,524</b>	<b>5</b>	<b>—</b>	<b>15</b>	<b>—</b>
3212 benzene & toluene	59	59	—	—	—	—	—	—	—
3219 other hydrocarbons	0	—	—	0	—	—	—	—	—
3220 alcohols	146	145	—	1	0	—	—	—	—
3230 carboxylic acids	7	—	—	1	6	—	—	—	—
3240 nitrogen func. comp.	16	—	—	1	0	—	—	15	—
3250 organo - inorg. comp.	1	—	—	1	0	—	—	—	—
3260 organic comp. nec	5	—	—	2	3	—	—	—	—
3272 sulphuric acid	23	23	—	0	—	—	—	—	—
3273 ammonia	59	—	—	59	—	—	—	—	—
3274 sodium hydroxide	323	323	—	0	—	—	—	—	—
3275 inorg. elem., oxides, & halogen salts	56	0	—	4	52	—	—	—	—
3276 metallic salts	2,533	0	74	8	2,450	—	—	—	—
3279 inorganic chem. nec	1	—	—	1	1	—	—	—	—
3281 radioactive material	0	—	—	0	0	—	—	—	—
3282 pigments & paints	1	0	0	1	0	—	—	—	—
3283 coloring mat. nec	2	0	—	2	—	—	—	—	—
3284 medicines	1	0	—	1	0	—	—	—	—
3285 perfumes & cleansers	4	—	2	1	1	—	—	—	—
3286 plastics	18	0	—	8	10	—	—	—	—
3291 pesticides	0	—	—	0	0	—	—	—	—
3292 starches, gluten, glue	1	0	—	1	0	—	—	—	—
3293 explosives	1	—	0	1	0	—	—	—	—
3297 chemical additives	0	—	—	0	0	—	—	—	—
3298 wood & resin chem.	0	—	—	0	—	—	—	—	—
3299 chem. products nec	23	9	6	2	1	5	—	—	—
<b>Total crude materials, inedible except fuels</b>	<b>6,315</b>	<b>855</b>	<b>3,847</b>	<b>89</b>	<b>1,013</b>	<b>16</b>	<b>—</b>	<b>495</b>	<b>—</b>
<b>Subtotal forest products, wood and chips</b>	<b>2,822</b>	<b>1</b>	<b>2,667</b>	<b>82</b>	<b>72</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
4110 rubber & gums	0	—	—	0	—	—	—	—	—
4150 fuel wood	0	—	—	0	0	—	—	—	—
4170 wood in the rough	2,450	0	2,438	0	11	—	—	—	—
4189 lumber	371	1	229	81	60	—	—	—	—
4190 forest products nec	1	0	—	1	1	—	—	—	—
<b>Subtotal pulp and waste paper</b>	<b>229</b>	<b>41</b>	<b>123</b>	<b>1</b>	<b>64</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
4225 pulp & waste paper	229	41	123	1	64	—	—	—	—
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>750</b>	<b>302</b>	<b>—</b>	<b>5</b>	<b>0</b>	<b>16</b>	<b>—</b>	<b>427</b>	<b>—</b>
4310 building stone	4	0	—	4	0	—	—	—	—
4322 limestone	416	—	—	0	—	16	—	399	—
4323 gypsum	302	302	—	—	0	—	—	—	—
4331 sand & gravel	28	—	—	1	0	—	—	28	—
<b>Subtotal iron ore and scrap</b>	<b>1,386</b>	<b>46</b>	<b>502</b>	<b>0</b>	<b>809</b>	<b>—</b>	<b>—</b>	<b>29</b>	<b>—</b>
4410 iron ore	46	46	—	0	—	—	—	—	—
4420 iron & steel scrap	1,340	—	502	—	809	—	—	29	—
<b>Subtotal marine shells</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>0</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
4515 marine shells	0	—	—	0	0	—	—	—	—

COLUMBIA RIVER, MOUTH TO INTERNATIONAL BOUNDARY (CONSOLIDATED REPORT)  
Freight Traffic, 2010 - continued  
(thousand short tons)

Commodity	Total	Foreign				Canadian			
		Inbound	Outbound	Through		Inbound	Outbound	Through	
				Upbound	Downbnd			Upbound	Downbnd
<b>Subtotal non-ferrous ores and scrap</b>	<b>669</b>	<b>259</b>	<b>382</b>	<b>0</b>	<b>27</b>	—	—	—	—
4630 copper ore	382	—	382	—	—	—	—	—	—
4650 aluminum ore	260	259	—	0	0	—	—	—	—
4680 non-ferrous scrap	27	—	—	0	27	—	—	—	—
<b>Subtotal sulphur, clay and salt</b>	<b>245</b>	—	<b>173</b>	<b>0</b>	<b>32</b>	—	—	<b>40</b>	—
4782 clay & refrac. mat.	245	—	173	0	32	—	—	40	—
<b>Subtotal slag</b>	<b>0</b>	—	—	<b>0</b>	—	—	—	—	—
4860 slag	0	—	—	0	—	—	—	—	—
<b>Subtotal other non-metal. min.</b>	<b>214</b>	<b>206</b>	—	<b>1</b>	<b>7</b>	—	—	—	—
4900 non-metal. min. nec	214	206	—	1	7	—	—	—	—
<b>Total primary manufactured goods</b>	<b>2,201</b>	<b>531</b>	<b>146</b>	<b>1,373</b>	<b>97</b>	<b>54</b>	—	—	—
<b>Subtotal paper products</b>	<b>127</b>	<b>0</b>	<b>65</b>	<b>16</b>	<b>46</b>	—	—	—	—
5110 newsprint	45	—	41	—	3	—	—	—	—
5120 paper & paperboard	64	0	23	10	30	—	—	—	—
5190 paper products nec	19	0	—	6	13	—	—	—	—
<b>Subtotal lime, cement and glass</b>	<b>402</b>	<b>1</b>	—	<b>346</b>	<b>2</b>	<b>54</b>	—	—	—
5220 cement & concrete	359	—	—	305	—	54	—	—	—
5240 glass & glass prod.	19	0	—	18	1	—	—	—	—
5290 misc. mineral prod.	24	0	—	23	1	—	—	—	—
<b>Subtotal primary iron and steel products</b>	<b>1,451</b>	<b>485</b>	<b>30</b>	<b>929</b>	<b>8</b>	—	—	—	—
5312 pig iron	1	0	—	1	0	—	—	—	—
5315 ferro alloys	11	—	—	11	—	—	—	—	—
5320 i&s primary forms	1,075	167	30	875	3	—	—	—	—
5330 i&s plates & sheets	267	264	0	3	0	—	—	—	—
5360 i&s bars & shapes	12	6	—	1	4	—	—	—	—
5370 i&s pipe & tube	53	48	—	6	0	—	—	—	—
5390 primary i&s nec	32	0	—	32	0	—	—	—	—
<b>Subtotal primary non-ferrous metal products</b>	<b>188</b>	<b>43</b>	<b>51</b>	<b>54</b>	<b>40</b>	—	—	—	—
5421 copper	15	1	12	1	2	—	—	—	—
5422 aluminum	9	8	—	1	0	—	—	—	—
5429 smelted prod. nec	37	0	—	1	36	—	—	—	—
5480 fab. metal products	127	35	38	51	2	—	—	—	—
<b>Subtotal primary wood products</b>	<b>32</b>	<b>1</b>	<b>1</b>	<b>28</b>	<b>2</b>	—	—	—	—
5540 primary wood prod.	32	1	1	28	2	—	—	—	—
<b>Total food and farm products</b>	<b>24,332</b>	<b>1</b>	<b>16,242</b>	<b>91</b>	<b>7,985</b>	—	—	<b>14</b>	—
<b>Subtotal fish</b>	<b>8</b>	<b>1</b>	—	<b>2</b>	<b>6</b>	—	—	—	—
6134 fish (not shellfish)	6	1	—	0	5	—	—	—	—
6136 shellfish	2	0	—	1	0	—	—	—	—
<b>Subtotal grain</b>	<b>15,635</b>	—	<b>9,135</b>	<b>5</b>	<b>6,494</b>	—	—	—	—
6241 wheat	12,476	—	6,129	4	6,343	—	—	—	—
6344 corn	3,120	—	2,978	1	141	—	—	—	—
6442 rice	1	—	—	1	—	—	—	—	—
6443 barley & rye	10	—	—	—	10	—	—	—	—
6445 oats	0	—	—	0	0	—	—	—	—
6447 sorghum grains	27	—	27	—	—	—	—	—	—
<b>Subtotal oilseeds</b>	<b>7,629</b>	<b>0</b>	<b>6,702</b>	<b>8</b>	<b>919</b>	—	—	—	—
6521 peanuts	0	—	—	—	0	—	—	—	—
6522 soybeans	7,074	0	6,162	5	907	—	—	—	—
6534 flaxseed	0	—	—	0	—	—	—	—	—
6590 oilseeds nec	555	0	539	2	13	—	—	—	—
<b>Subtotal vegetable products</b>	<b>222</b>	<b>0</b>	—	<b>22</b>	<b>200</b>	—	—	—	—
6653 vegetable oils	2	—	—	2	—	—	—	—	—
6654 vegetables & prod.	220	0	—	20	200	—	—	—	—
<b>Subtotal processed grain and animal feed</b>	<b>640</b>	—	<b>402</b>	<b>1</b>	<b>223</b>	—	—	<b>14</b>	—
6746 wheat flour	0	—	—	0	0	—	—	—	—
6747 grain mill products	29	—	12	0	3	—	—	14	—
6781 hay & fodder	199	—	—	0	199	—	—	—	—
6782 animal feed, prep.	412	—	390	0	21	—	—	—	—
<b>Subtotal other agricultural products</b>	<b>199</b>	<b>0</b>	<b>3</b>	<b>53</b>	<b>142</b>	—	—	—	—
6811 meat, fresh, frozen	0	—	—	0	0	—	—	—	—
6817 meat, prepared	0	—	—	—	0	—	—	—	—
6822 dairy products	18	—	—	0	18	—	—	—	—
6835 fish, prepared	1	—	—	1	0	—	—	—	—
6839 animals & prod. nec	14	—	—	0	13	—	—	—	—
6857 fruit & nuts nec	25	0	—	4	20	—	—	—	—
6858 fruit juices	20	0	—	15	5	—	—	—	—
6861 sugar	2	—	—	2	—	—	—	—	—
6865 molasses	0	—	—	0	—	—	—	—	—
6871 coffee	9	—	—	9	0	—	—	—	—
6872 cocoa beans	0	—	—	0	—	—	—	—	—
6885 alcoholic beverages	14	0	—	13	0	—	—	—	—
6888 water & ice	1	—	—	1	—	—	—	—	—
6889 food products nec	13	0	—	6	7	—	—	—	—
6891 tobacco & products	0	—	—	0	—	—	—	—	—

COLUMBIA RIVER, MOUTH TO INTERNATIONAL BOUNDARY (CONSOLIDATED REPORT)  
Freight Traffic, 2010 - continued  
(thousand short tons)

Commodity	Total	Foreign					Canadian				
		Inbound		Outbound		Through		Inbound		Outbound	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
6893 cotton	0	—	—	0	0	—	—	—	—	—	—
6894 natural fibers nec	4	0	2	1	1	—	—	—	—	—	—
6899 farm products nec	78	0	0	0	77	—	—	—	—	—	—
<b>Total all manufactured equipment, machinery and products</b>	<b>861</b>	<b>159</b>	<b>10</b>	<b>668</b>	<b>24</b>	<b>0</b>	<b>—</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>—</b>
7110 machinery (not elec)	54	27	1	16	10	0	—	0	—	—	—
7120 electrical machinery	39	17	0	20	2	—	—	—	—	—	—
7210 vehicles & parts	537	104	7	423	2	—	—	0	—	—	—
7220 aircraft & parts	0	—	—	0	0	—	—	—	—	—	—
7230 ships & boats	1	0	0	0	0	—	—	0	—	—	—
7300 ordnance & access.	0	—	0	0	0	—	—	—	—	—	—
7400 manufac. wood prod.	13	0	—	11	2	—	—	—	—	—	—
7500 textile products	27	0	1	23	2	—	—	—	—	—	—
7600 rubber & plastic pr.	59	4	0	53	1	—	—	—	—	—	—
7900 manufac. prod. nec	131	7	0	120	5	—	—	0	—	—	—
<b>Total unknown or not elsewhere classified</b>	<b>43</b>	<b>6</b>	<b>15</b>	<b>7</b>	<b>15</b>	<b>—</b>	<b>—</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>—</b>
9900 unknown or nec	43	6	15	7	15	—	—	0	—	—	—
<b>Ton-miles</b>	<b>3,604,271</b>	<b>175,073</b>	<b>1,664,758</b>	<b>286,252</b>	<b>1,402,036</b>	<b>8,562</b>	<b>5,069</b>	<b>60,167</b>	<b>2,354</b>		
<b>Foreign &amp; Canadian (x1000)</b>											

Commodity	Total	Coastwise				
		Receipts	Shipments	Through		
		Upbound	Downbnd			
<b>Total, all commodities</b>	<b>3,288</b>	<b>679</b>	<b>401</b>	<b>2,197</b>	<b>11</b>	
<b>Total petroleum and petroleum products</b>	<b>2,405</b>	<b>182</b>	<b>16</b>	<b>2,197</b>	<b>11</b>	
<b>Subtotal petroleum products</b>	<b>2,405</b>	<b>182</b>	<b>16</b>	<b>2,197</b>	<b>11</b>	
2211 gasoline	1,586	150	10	1,416	11	
2330 distillate fuel oil	544	30	—	514	—	
2340 residual fuel oil	146	—	6	140	—	
2350 lube oil & greases	127	—	—	127	—	
2429 naohtha & solvents	2	2	—	—	—	
<b>Total chemicals and related products</b>	<b>1</b>	<b>—</b>	<b>1</b>	<b>—</b>	<b>—</b>	
<b>Subtotal other chemicals and related products</b>	<b>1</b>	<b>—</b>	<b>1</b>	<b>—</b>	<b>—</b>	
3286 plastics	1	—	1	—	—	
<b>Total crude materials, inedible except fuels</b>	<b>838</b>	<b>498</b>	<b>340</b>	<b>—</b>	<b>—</b>	
<b>Subtotal forest products, wood and chips</b>	<b>836</b>	<b>498</b>	<b>338</b>	<b>—</b>	<b>—</b>	
4161 wood chips	393	393	—	—	—	
4170 wood in the rough	107	105	2	—	—	
4189 lumber	336	—	336	—	—	
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>2</b>	<b>—</b>	<b>2</b>	<b>—</b>	<b>—</b>	
4331 sand & gravel	2	2	2	—	—	
<b>Total primary manufactured goods</b>	<b>43</b>	<b>—</b>	<b>43</b>	<b>—</b>	<b>—</b>	
<b>Subtotal paper products</b>	<b>3</b>	<b>—</b>	<b>3</b>	<b>—</b>	<b>—</b>	
5190 paper products nec	3	—	3	—	—	
<b>Subtotal lime, cement and glass</b>	<b>0</b>	<b>—</b>	<b>0</b>	<b>—</b>	<b>—</b>	
5290 misc. mineral prod.	0	—	0	—	—	
<b>Subtotal primary iron and steel products</b>	<b>10</b>	<b>—</b>	<b>10</b>	<b>—</b>	<b>—</b>	
5360 i&s bars & shapes	10	—	10	—	—	
<b>Subtotal primary non-ferrous metal products</b>	<b>8</b>	<b>—</b>	<b>8</b>	<b>—</b>	<b>—</b>	
5480 fab. metal products	8	—	8	—	—	
<b>Subtotal primary wood products</b>	<b>21</b>	<b>—</b>	<b>21</b>	<b>—</b>	<b>—</b>	
5540 primarv wood prod.	21	—	21	—	—	
<b>Total all manufactured equipment, machinery and products</b>	<b>1</b>	<b>—</b>	<b>1</b>	<b>—</b>	<b>—</b>	
7110 machinery (not elec)	1	—	1	—	—	
7210 vehicles & parts	0	—	0	—	—	
7230 ships & boats	0	—	0	—	—	
7900 manufac. prod. nec	0	—	0	—	—	
<b>Ton-miles (x1000)</b>	<b>289,570</b>	<b>45,390</b>	<b>27,841</b>	<b>215,290</b>	<b>1,049</b>	
<b>Coastwise</b>						

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
<b>Total, all commodities</b>	<b>9,969</b>	<b>1,445</b>	<b>1,029</b>	<b>231</b>	<b>2,011</b>	<b>945</b>	<b>1,691</b>	<b>903</b>	<b>1,713</b>
<b>Total petroleum and petroleum products</b>	<b>1,723</b>	<b>971</b>	<b>3</b>	<b>61</b>	<b>78</b>	<b>519</b>	<b>—</b>	<b>90</b>	<b>1</b>
<b>Subtotal petroleum products</b>	<b>1,723</b>	<b>971</b>	<b>3</b>	<b>61</b>	<b>78</b>	<b>519</b>	<b>—</b>	<b>90</b>	<b>1</b>
2211 gasoline	746	357	—	27	56	272	—	33	—
2221 kerosene	10	—	—	—	—	—	—	9	1
2330 distillate fuel oil	220	58	—	5	22	134	—	1	—
2340 residual fuel oil	747	556	3	29	—	113	—	47	—
<b>Total chemicals and related products</b>	<b>118</b>	<b>5</b>	<b>—</b>	<b>10</b>	<b>66</b>	<b>—</b>	<b>—</b>	<b>37</b>	<b>—</b>
<b>Subtotal fertilizers</b>	<b>52</b>	<b>5</b>	<b>—</b>	<b>10</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>37</b>	<b>—</b>
3110 nitrogenous fert.	52	5	—	10	—	—	—	37	—

COLUMBIA RIVER, MOUTH TO INTERNATIONAL BOUNDARY (CONSOLIDATED REPORT)  
Freight Traffic, 2010 - continued  
(thousand short tons)

Commodity	Total	Internal								
		Inbound		Outbound		Through			Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	
<b>Subtotal other chemicals and related products</b>	<b>66</b>	—	—	—	66	—	—	—	—	—
3220 alcohols	66	—	—	—	66	—	—	—	—	—
<b>Total crude materials, inedible except fuels</b>	<b>3,336</b>	<b>468</b>	<b>113</b>	<b>153</b>	<b>591</b>	<b>423</b>	<b>92</b>	<b>564</b>	<b>932</b>	—
<b>Subtotal forest products, wood and chips</b>	<b>1,184</b>	<b>4</b>	<b>90</b>	<b>95</b>	<b>0</b>	<b>1</b>	—	<b>179</b>	<b>814</b>	—
4150 fuel wood	22	—	—	18	—	—	—	3	1	—
4161 wood chips	886	4	18	77	—	1	—	158	627	—
4170 wood in the rough	276	—	72	0	—	—	—	18	185	—
4189 lumber	0	—	—	—	0	—	—	—	0	—
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>2,047</b>	<b>464</b>	<b>23</b>	<b>58</b>	<b>578</b>	<b>421</b>	—	<b>385</b>	<b>118</b>	—
4331 sand & gravel	2,047	464	23	58	578	421	—	385	118	—
<b>Subtotal iron ore and scrap</b>	<b>106</b>	—	—	—	<b>13</b>	—	<b>92</b>	—	—	—
4420 iron & steel scrap	106	—	—	—	13	—	92	—	—	—
<b>Subtotal sulphur, clay and salt</b>	<b>0</b>	—	—	—	—	—	<b>0</b>	—	—	—
4782 clav & refrac. mat.	0	—	—	—	—	—	0	—	—	—
<b>Total primary manufactured goods</b>	<b>7</b>	<b>0</b>	—	—	<b>0</b>	—	<b>7</b>	<b>0</b>	<b>0</b>	—
<b>Subtotal paper products</b>	<b>7</b>	—	—	—	—	—	—	<b>7</b>	—	—
5120 paper & paperboard	6	—	—	—	—	—	—	6	—	—
5190 paper products nec	1	—	—	—	—	—	—	1	—	—
<b>Subtotal primary iron and steel products</b>	<b>0</b>	<b>0</b>	—	—	<b>0</b>	—	—	<b>0</b>	<b>0</b>	—
5360 i&s bars & shapes	0	0	—	—	0	—	—	0	0	—
<b>Total food and farm products</b>	<b>4,543</b>	—	<b>914</b>	<b>6</b>	<b>1,245</b>	<b>3</b>	<b>1,592</b>	<b>3</b>	<b>780</b>	—
<b>Subtotal grain</b>	<b>4,449</b>	—	<b>914</b>	<b>6</b>	<b>1,224</b>	<b>3</b>	<b>1,520</b>	<b>3</b>	<b>780</b>	—
6241 wheat	4,433	—	914	6	1,224	3	1,510	3	775	—
6344 corn	5	—	—	—	—	—	—	—	5	—
6443 barley & rye	11	—	—	—	0	—	10	—	—	—
<b>Subtotal vegetable products</b>	<b>82</b>	—	—	—	<b>10</b>	—	<b>72</b>	—	—	—
6654 vegetables & prod.	82	—	—	—	10	—	72	—	—	—
<b>Subtotal processed grain and animal feed</b>	<b>12</b>	—	—	—	<b>12</b>	—	—	—	—	—
6781 hay & fodder	12	—	—	—	12	—	—	—	—	—
<b>Total all manufactured equipment, machinery and products</b>	<b>33</b>	<b>1</b>	—	<b>1</b>	<b>30</b>	—	<b>0</b>	—	<b>0</b>	—
7110 machinery (not elec)	5	—	—	1	4	—	—	—	—	0
7900 manufac. prod. nec	28	1	—	—	26	—	0	—	—	—
<b>Total waste and scrap nec</b>	<b>209</b>	—	—	—	—	—	—	<b>209</b>	—	—
8900 waste and scrap nec	209	—	—	—	—	—	—	209	—	—
<b>Ton-miles</b>	<b>1,602,942</b>	<b>217,338</b>	<b>229,075</b>	<b>32,865</b>	<b>290,591</b>	<b>122,203</b>	<b>375,117</b>	<b>75,590</b>	<b>260,164</b>	—
<b>Internal (x1000)</b>										—

Tons All Traffic (x1000) **54,714**  
Ton-miles All Traffic (x1000) **5,496,782**  
Total Trip-ton-miles Internal and Intraport (x1000) **1,956,205**

COLUMBIA AND LOWER WILLAMETTE RIVERS BELOW VANCOUVER, WA AND PORTLAND, OR

Section Included: Columbia River from mouth to the mouth of Willamette River; Willamette River from mouth to Broadway Bridge at Portland, OR, a distance of 113 miles; Columbia River from mouth of Willamette River to Interstate Bridge, Vancouver, WA, a distance of 5 miles. Controlling Depth: Mouth of Columbia River to mouth of Willamette and up the Willamette to Broadway Bridge in Portland, 38 feet; in the reach of Columbia River from the mouth of Willamette River to the lower turning basin at Vancouver, WA, 38 feet. Project Depth: 40 feet in main channel from mouth of Columbia River to Broadway Bridge at Portland, OR; 40 feet in Columbia River from mouth of Willamette River to Railroad Bridge, Vancouver, WA; 35 feet from Railroad Bridge to Interstate Bridge, Vancouver, WA.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	50,997	2004	53,894	2007	58,228	<b>2010</b>	<b>54,538</b>
2002	45,458	2005	51,472	2008	54,890		
2003	47,389	2006	52,329	2009	46,138		

Freight Traffic, 2010 (thousand short tons)

Commodity	Total	Foreign				Canadian	
		Inbound	Outbound	Through		Inbound	Outbound
				Upbound	Downbnd		
<b>Total, all commodities</b>	<b>41,457</b>	<b>3,530</b>	<b>34,800</b>	<b>1,521</b>	<b>802</b>	<b>699</b>	<b>104</b>
<b>Total petroleum and petroleum products</b>	<b>1,387</b>	<b>334</b>	<b>872</b>	<b>0</b>	<b>0</b>	<b>100</b>	<b>80</b>
<b>Subtotal petroleum products</b>	<b>1,387</b>	<b>334</b>	<b>872</b>	<b>0</b>	<b>0</b>	<b>100</b>	<b>80</b>
2211 gasoline	272	221	—	0	—	50	—
2330 distillate fuel oil	105	55	—	—	0	50	—
2410 petro. jelly & waxes	0	0	—	0	—	—	—
2429 naphtha & solvents	0	—	—	—	0	—	—
2430 asphalt, tar & pitch	23	23	—	0	—	—	—
2540 petroleum coke	986	33	872	—	0	—	80
2640 hydrocarbon & petrol gases, liquefied and gaseous	1	1	—	0	—	—	—

COLUMBIA AND LOWER WILLAMETTE RIVERS BELOW VANCOUVER, WA AND PORTLAND, OR  
Freight Traffic, 2010 - continued  
(thousand short tons)

Commodity	Total	Foreign				Canadian	
		Inbound	Outbound	Through		Inbound	Outbound
				Upbound	Downbnd		
<b>Total chemicals and related products</b>	<b>6,318</b>	<b>901</b>	<b>5,312</b>	<b>36</b>	<b>26</b>	<b>0</b>	<b>24</b>
<b>Subtotal fertilizers</b>	<b>3,037</b>	<b>282</b>	<b>2,730</b>	<b>0</b>	<b>0</b>	—	24
3110 nitrogenous fert.	282	282	—	—	—	—	—
3130 potassic fert.	2,722	—	2,698	—	0	—	24
3190 fert. & mixes nec	32	—	32	0	0	—	—
<b>Subtotal other chemicals and related products</b>	<b>3,281</b>	<b>619</b>	<b>2,582</b>	<b>35</b>	<b>25</b>	<b>20</b>	—
3212 benzene & toluene	59	59	—	—	—	—	—
3219 other hydrocarbons	0	—	—	0	—	—	—
3220 alcohols	146	145	—	1	0	—	—
3230 carboxylic acids	7	—	2	1	4	—	—
3240 nitrogen func. comp.	16	—	—	1	0	15	—
3250 organo - inorg. comp.	1	—	—	1	0	—	—
3260 organic comp. nec	5	—	—	2	3	—	—
3272 sulphuric acid	23	23	—	0	—	—	—
3273 ammonia	59	59	—	0	—	—	—
3274 sodium hydroxide	323	323	—	0	—	—	—
3275 inorg. elem., oxides, & halogen salts	56	0	52	4	0	—	—
3276 metallic salts	2,533	0	2,519	8	6	—	—
3279 inorganic chem. nec	1	—	—	1	1	—	—
3281 radioactive material	0	—	—	0	0	—	—
3282 pigments & paints	1	0	0	1	0	—	—
3283 coloring mat. nec	2	0	—	2	—	—	—
3284 medicines	1	0	—	1	0	—	—
3285 perfumes & cleansers	4	0	3	1	0	—	—
3286 plastics	18	0	—	8	10	—	—
3291 pesticides	0	—	—	0	0	—	—
3292 starches, gluten, glue	1	0	—	1	0	—	—
3293 explosives	1	—	0	1	0	—	—
3297 chemical additives	0	—	—	0	0	—	—
3298 wood & resin chem.	0	—	—	0	—	—	—
3299 chem. products nec	23	9	6	2	1	5	—
<b>Total crude materials, inedible except fuels</b>	<b>6,315</b>	<b>923</b>	<b>4,672</b>	<b>20</b>	<b>187</b>	<b>512</b>	—
<b>Subtotal forest products, wood and chips</b>	<b>2,822</b>	<b>70</b>	<b>2,694</b>	<b>13</b>	<b>45</b>	—	—
4110 rubber & gums	0	—	—	0	—	—	—
4150 fuel wood	0	—	—	0	0	—	—
4170 wood in the rough	2,450	0	2,446	0	4	—	—
4189 lumber	371	69	249	12	41	—	—
4190 forest products nec	1	0	—	1	1	—	—
<b>Subtotal pulp and waste paper</b>	<b>229</b>	<b>41</b>	<b>123</b>	<b>1</b>	<b>64</b>	—	—
4225 pulp & waste paper	229	41	123	1	64	—	—
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>750</b>	<b>302</b>	—	<b>5</b>	<b>0</b>	<b>443</b>	—
4310 building stone	4	0	—	4	0	415	—
4322 limestone	416	—	—	0	—	415	—
4323 gypsum	302	302	—	—	0	—	—
4331 sand & gravel	28	—	—	1	0	28	—
<b>Subtotal iron ore and scrap</b>	<b>1,386</b>	<b>46</b>	<b>1,268</b>	<b>0</b>	<b>43</b>	<b>29</b>	—
4410 iron ore	46	46	—	0	—	—	—
4420 iron & steel scrap	1,340	—	1,268	—	43	29	—
<b>Subtotal marine shells</b>	<b>0</b>	—	—	<b>0</b>	<b>0</b>	—	—
4515 marine shells	0	—	—	0	0	—	—
<b>Subtotal non-ferrous ores and scrap</b>	<b>669</b>	<b>259</b>	<b>382</b>	<b>0</b>	<b>27</b>	—	—
4630 copper ore	382	—	382	—	—	—	—
4650 aluminum ore	260	259	—	0	0	—	—
4680 non-ferrous scrap	27	—	—	0	27	—	—
<b>Subtotal sulphur, clay and salt</b>	<b>245</b>	—	<b>205</b>	<b>0</b>	<b>0</b>	<b>40</b>	—
4782 clay & refrac. mat.	245	—	205	0	0	40	—
<b>Subtotal slag</b>	<b>0</b>	—	—	<b>0</b>	—	—	—
4860 slag	0	—	—	0	—	—	—
<b>Subtotal other non-metal. min.</b>	<b>214</b>	<b>206</b>	—	<b>1</b>	<b>7</b>	—	—
4900 non-metal. min. nec	214	206	—	1	7	—	—
<b>Total primary manufactured goods</b>	<b>2,201</b>	<b>974</b>	<b>164</b>	<b>930</b>	<b>79</b>	<b>54</b>	—
<b>Subtotal paper products</b>	<b>127</b>	<b>0</b>	<b>78</b>	<b>16</b>	<b>33</b>	—	—
5110 newsprint	45	—	41	—	3	—	—
5120 paper & paperboard	64	0	25	10	29	—	—
5190 paper products nec	19	0	12	6	1	—	—
<b>Subtotal lime, cement and glass</b>	<b>402</b>	<b>306</b>	—	<b>41</b>	<b>2</b>	<b>54</b>	—
5220 cement & concrete	359	305	—	0	—	54	—
5240 glass & glass prod.	19	0	—	18	1	—	—
5290 misc. mineral prod.	24	1	—	23	1	—	—
<b>Subtotal primary iron and steel products</b>	<b>1,451</b>	<b>606</b>	<b>34</b>	<b>808</b>	<b>3</b>	—	—
5312 pig iron	1	0	—	1	0	—	—
5315 ferro alloys	11	9	—	1	—	—	—
5320 i&s primary forms	1,075	248	30	795	3	—	—
5330 i&s plates & sheets	267	264	0	3	0	—	—
5360 i&s bars & shapes	12	6	4	1	0	—	—
5370 i&s pipe & tube	53	48	—	5	0	—	—
5390 primary i&s nec	32	31	—	2	0	—	—
<b>Subtotal primary non-ferrous metal products</b>	<b>188</b>	<b>60</b>	<b>51</b>	<b>37</b>	<b>40</b>	—	—
5421 copper	15	1	12	1	2	—	—
5422 aluminum	9	8	—	1	0	—	—
5429 smelted prod. nec	37	0	—	1	36	—	—
5480 fab. metal products	127	52	39	34	2	—	—
<b>Subtotal primary wood products</b>	<b>32</b>	<b>1</b>	<b>1</b>	<b>28</b>	<b>2</b>	—	—
5540 primary wood prod.	32	1	1	28	2	—	—

COLUMBIA AND LOWER WILLAMETTE RIVERS BELOW VANCOUVER, WA AND PORTLAND, OR  
Freight Traffic, 2010 - continued  
(thousand short tons)

Commodity	Total	Foreign			Canadian	
		Inbound	Outbound	Through	Inbound	Outbound
		Upbound	Downbnd			
<b>Total food and farm products</b>	<b>24,332</b>	<b>2</b>	<b>23,742</b>	<b>90</b>	<b>485</b>	<b>14</b>
<b>Subtotal fish</b>	<b>8</b>	<b>1</b>	<b>—</b>	<b>2</b>	<b>6</b>	<b>—</b>
6134 fish (not shellfish)	6	1	—	0	5	—
6136 shellfish	2	0	—	1	0	—
<b>Subtotal grain</b>	<b>15,635</b>	<b>0</b>	<b>15,626</b>	<b>5</b>	<b>4</b>	<b>—</b>
6241 wheat	12,476	—	12,470	4	2	—
6344 corn	3,120	—	3,118	1	2	—
6442 rice	1	0	—	1	—	—
6443 barley & rye	10	—	10	—	—	—
6445 oats	0	—	—	0	0	—
6447 sorghum grains	27	—	27	—	—	—
<b>Subtotal oilseeds</b>	<b>7,629</b>	<b>0</b>	<b>7,621</b>	<b>8</b>	<b>0</b>	<b>—</b>
6521 peanuts	0	—	—	—	0	—
6522 soybeans	7,074	0	7,069	5	0	—
6534 flaxseed	0	—	—	0	—	—
6590 oilseeds nec	555	0	552	2	—	—
<b>Subtotal vegetable products</b>	<b>222</b>	<b>0</b>	<b>73</b>	<b>22</b>	<b>127</b>	<b>—</b>
6653 vegetable oils	2	0	—	2	—	—
6654 vegetables & prod.	220	0	73	20	127	—
<b>Subtotal processed grain and animal feed</b>	<b>640</b>	<b>—</b>	<b>419</b>	<b>1</b>	<b>206</b>	<b>14</b>
6746 wheat flour	0	—	—	0	0	—
6747 grain mill products	29	—	12	0	3	14
6781 hay & fodder	199	—	1	0	198	—
6782 animal feed, prep.	412	—	406	0	5	—
<b>Subtotal other agricultural products</b>	<b>199</b>	<b>1</b>	<b>3</b>	<b>53</b>	<b>142</b>	<b>—</b>
6811 meat, fresh, frozen	0	—	—	0	0	—
6817 meat, prepared	0	—	—	—	0	—
6822 dairy products	18	—	—	0	18	—
6835 fish, prepared	1	—	—	1	0	—
6839 animals & prod. nec	14	—	—	0	13	—
6857 fruit & nuts nec	25	0	—	4	20	—
6858 fruit juices	20	0	—	15	5	—
6861 sugar	2	—	—	2	—	—
6865 molasses	0	—	—	0	—	—
6871 coffee	9	0	—	9	0	—
6872 cocoa beans	0	—	—	0	—	—
6885 alcoholic beverages	14	0	—	13	0	—
6888 water & ice	1	0	—	1	—	—
6889 food products nec	13	0	—	6	7	—
6891 tobacco & products	0	—	—	0	—	—
6893 cotton	0	—	—	0	0	—
6894 natural fibers nec	4	0	2	1	1	—
6899 farm products nec	78	0	0	0	77	—
<b>Total all manufactured equipment, machinery and products</b>	<b>861</b>	<b>389</b>	<b>13</b>	<b>438</b>	<b>21</b>	<b>0</b>
7110 machinery (not elec)	54	28	1	15	9	0
7120 electrical machinery	39	17	0	20	2	—
7210 vehicles & parts	536	321	9	206	1	—
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.	13	0	0	11	2	—
7500 textile products	27	0	1	23	2	—
7600 rubber & plastic pr.	59	4	0	53	1	—
7900 manufac. prod. nec	131	18	1	109	4	0
<b>Total unknown or not elsewhere classified</b>	<b>43</b>	<b>6</b>	<b>26</b>	<b>7</b>	<b>4</b>	<b>0</b>
9900 unknown or nec	43	6	26	7	4	0
<b>Ton-miles (x1000)</b>	<b>3,728,707</b>	<b>317,180</b>	<b>3,093,235</b>	<b>155,139</b>	<b>81,836</b>	<b>73,703</b>
<b>Foreign &amp; Canadian</b>						<b>7,615</b>

Commodity	Total	Coastwise		
		Receipts	Shipments	Through Downbnd
<b>Total, all commodities</b>	<b>3,288</b>	<b>2,876</b>	<b>404</b>	<b>8</b>
<b>Total petroleum and petroleum products</b>	<b>2,405</b>	<b>2,379</b>	<b>26</b>	<b>—</b>
<b>Subtotal petroleum products</b>	<b>2,405</b>	<b>2,379</b>	<b>26</b>	<b>—</b>
2211 gasoline	1,586	1,565	20	—
2330 distillate fuel oil	544	544	—	—
2340 residual fuel oil	146	140	6	—
2350 lube oil & greases	127	127	—	—
2429 naptha & solvents	2	2	—	—
<b>Total chemicals and related products</b>	<b>1</b>	<b>—</b>	<b>1</b>	<b>—</b>
<b>Subtotal other chemicals and related products</b>	<b>1</b>	<b>—</b>	<b>1</b>	<b>—</b>
3286 plastics	1	—	1	—
<b>Total crude materials, inedible except fuels</b>	<b>838</b>	<b>498</b>	<b>340</b>	<b>—</b>
<b>Subtotal forest products, wood and chips</b>	<b>836</b>	<b>498</b>	<b>338</b>	<b>—</b>
4161 wood chips	393	393	—	—
4170 wood in the rough	107	105	2	—
4189 lumber	336	—	336	—
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>2</b>	<b>—</b>	<b>2</b>	<b>—</b>
4331 sand & gravel	2	—	2	—

COLUMBIA AND LOWER WILLAMETTE RIVERS BELOW VANCOUVER, WA AND PORTLAND, OR  
Freight Traffic, 2010 - continued  
(thousand short tons)

Commodity	Total	Coastwise		
		Receipts	Shipments	Through Downbnd
<b>Total primary manufactured goods</b>	43	—	35	8
<b>Subtotal paper products</b>	3	—	3	—
5190 paper products nec	3	—	3	—
<b>Subtotal lime, cement and glass</b>	0	—	0	—
5290 misc. mineral prod.	0	—	0	—
<b>Subtotal primary iron and steel products</b>	10	—	10	—
5360 i&s bars & shapes	10	—	10	—
<b>Subtotal primary non-ferrous metal products</b>	8	—	0	8
5480 fab. metal products	8	—	0	8
<b>Subtotal primary wood products</b>	21	—	21	—
5540 primar wood prod.	21	—	21	—
<b>Total all manufactured equipment, machinery and products</b>	1	—	1	—
7110 machinery (not elec)	1	—	1	—
7210 vehicles & parts	0	—	0	—
7230 ships & boats	0	—	0	—
7900 manufac. prod. nec	0	—	0	—
<b>Ton-miles (x1000)</b>	307,230	278,255	28,156	820
<b>Coastwise</b>				

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
<b>Total, all commodities</b>	9,793	3,669	2,836	496	1,559	512	132	429	159
<b>Total petroleum and petroleum products</b>	1,748	—	—	150	1,477	—	—	100	20
<b>Subtotal petroleum products</b>	1,748	—	—	150	1,477	—	—	100	20
2211 gasoline	758	—	—	60	629	—	—	59	9
2221 kerosene	9	—	—	9	—	—	—	—	—
2330 distillate fuel oil	227	—	—	6	192	—	—	26	3
2340 residual fuel oil	754	—	—	75	656	—	—	15	8
<b>Total chemicals and related products</b>	118	66	—	45	5	—	—	2	—
<b>Subtotal fertilizers</b>	52	—	—	45	5	—	—	2	—
3110 nitrogenous fert.	52	—	—	45	5	—	—	2	—
<b>Subtotal other chemicals and related products</b>	66	66	—	—	—	—	—	—	—
3220 alcohols	66	66	—	—	—	—	—	—	—
<b>Total crude materials, inedible except fuels</b>	3,269	861	1,142	224	74	511	0	318	138
<b>Subtotal forest products, wood and chips</b>	999	4	826	24	—	1	—	132	11
4150 fuel wood	1	—	—	1	—	—	—	—	—
4161 wood chips	765	4	606	22	—	1	—	132	—
4170 wood in the rough	232	—	218	2	—	—	—	0	11
4189 lumber	0	—	—	—	—	—	—	0	0
<b>Subtotal soil, sand, gravel, rock and stone</b>	2,165	751	316	200	74	509	—	186	127
4331 sand & gravel	2,165	751	316	200	74	509	—	186	127
<b>Subtotal iron ore and scrap</b>	106	106	—	—	—	—	—	—	—
4420 iron & steel scrap	106	106	—	—	—	—	—	—	—
<b>Subtotal sulphur, clay and salt</b>	0	—	—	—	—	—	0	—	—
4782 clav & refrac. mat.	0	—	—	—	—	—	0	—	—
<b>Total primary manufactured goods</b>	7	—	—	0	—	—	7	0	0
<b>Subtotal paper products</b>	7	—	—	—	—	—	7	—	—
5120 paper & paperboard	6	—	—	—	—	—	6	—	—
5190 paper products nec	1	—	—	—	—	—	1	—	—
<b>Subtotal primary iron and steel products</b>	0	—	—	0	—	—	—	0	0
5360 i&s bars & shapes	0	—	—	0	—	—	—	0	0
<b>Total food and farm products</b>	4,543	2,743	1,694	—	3	—	95	9	—
<b>Subtotal grain</b>	4,449	2,743	1,694	—	3	—	1	9	—
6241 wheat	4,433	2,733	1,689	—	3	—	1	9	—
6344 corn	5	—	5	—	—	—	—	—	—
6443 barley & rye	11	10	—	—	—	—	1	—	—
<b>Subtotal vegetable products</b>	82	—	—	—	—	—	82	—	—
6654 vegetables & prod.	82	—	—	—	—	—	82	—	—
<b>Subtotal processed grain and animal feed</b>	12	—	—	—	—	—	12	—	—
6781 hav & fodder	12	—	—	—	—	—	12	—	—
<b>Total all manufactured equipment, machinery and products</b>	33	—	—	1	0	1	30	0	0
7110 machinery (not elec)	5	—	—	1	—	—	4	0	0
7900 manufac. prod. nec	28	—	—	—	0	1	26	—	—
<b>Total waste and scrap nec</b>	75	—	—	75	—	—	—	—	—
8900 waste and scrap nec	75	—	—	75	—	—	—	—	—
<b>Ton-miles</b>	142,308	49,363	47,254	7,873	18,218	9,206	0	9,597	797

COLUMBIA AND LOWER WILLAMETTE RIVERS BELOW VANCOUVER, WA AND PORTLAND, OR  
Freight Traffic, 2010 - continued  
(thousand short tons)

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
<b>Internal (x1000)</b>									
Tons All Traffic (x1000)				54,538					
Ton-miles All Traffic (x1000)				4,178,247					
Total Trip-ton-miles Internal and Intraport (x1000)				1,910,626					

PORTS OTHER THAN PORTLAND, ASTORIA, ST. HELENS, LONGVIEW, VANCOUVER AND KALAMA

Section Included: (Included in statistics for Columbia and Lower Willamette Rivers below Vancouver, WA, and Portland, OR) Ports included: Bradwood, Wauna, Beaver Point, Rainier and Prescott, OR and Knappton, WA. Controlling Depth: 38 feet. Project Depth: 40 feet at low water in main channel.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	450	2004	486	2007	451	2010	415
2002	372	2005	457	2008	374		
2003	395	2006	418	2009	346		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Domestic	
		Coastwise	
		Receipts	Shipments
<b>Total, all commodities</b>	<b>415</b>	<b>177</b>	<b>140</b>
Total chemicals and related products	1	—	1
Subtotal other chemicals and related products	1	—	1
3286 plastics	1	—	1
Total crude materials, inedible except fuels	378	177	103
Subtotal forest products, wood and chips	376	177	100
4150 fuel wood	1	—	1
4161 wood chips	263	177	—
4170 wood in the rough	14	—	2
4189 lumber	98	—	98
Subtotal soil, sand, gravel, rock and stone	2	—	2
4331 sand & gravel	2	—	2
<b>Total primary manufactured goods</b>	<b>35</b>	<b>—</b>	<b>35</b>
Subtotal paper products	3	—	3
5190 paper products nec	3	—	3
Subtotal lime, cement and glass	0	—	0
5290 misc. mineral prod.	0	—	0
Subtotal primary iron and steel products	10	—	10
5360 i&s bars & shapes	10	—	10
Subtotal primary non-ferrous metal products	0	—	0
5480 fab. metal products	0	—	0
Subtotal primary wood products	21	—	21
5540 primarv wood prod.	21	—	21
<b>Total all manufactured equipment, machinery and products</b>	<b>1</b>	<b>—</b>	<b>1</b>
7110 machinery (not elec)	1	—	1
7210 vehicles & parts	0	—	0
7230 ships & boats	0	—	0
7900 manufac. prod. nec	0	—	0

PORT OF LONGVIEW, WA

Section Included: (Included in statistics for Columbia and Lower Willamette Rivers below Vancouver, WA, and Portland, OR) Controlling Depth: 39 feet in channel and 39 feet in turning basin. Project Depth: 40 foot channel in Columbia River and 6,000 foot turning basin at low water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	3,589	2004	4,818	2007	5,126	2010	6,823
2002	4,706	2005	5,178	2008	5,867		
2003	5,025	2006	5,048	2009	5,100		

Freight Traffic, 2010 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
<b>Total, all commodities</b>	<b>5,543</b>	<b>875</b>	<b>4,582</b>	<b>5</b>	<b>80</b>
Total petroleum and petroleum products	986	33	872	—	80
Subtotal petroleum products	986	33	872	—	80
2540 petroleum coke	986	33	872	—	80
<b>Total chemicals and related products</b>	<b>101</b>	<b>7</b>	<b>94</b>	<b>—</b>	<b>—</b>
Subtotal fertilizers	69	—	69	—	—
3130 potassic fert.	63	—	63	—	—
3190 fert. & mixes nec	7	—	7	—	—
Subtotal other chemicals and related products	32	7	25	—	—
3274 sodium hydroxide	7	—	—	—	—
3276 metallic salts	19	—	19	—	—
3283 coloring mat. nec	0	0	—	—	—
3299 chem. products nec	6	—	6	—	—

PORT OF LONGVIEW, WA  
Freight Traffic, 2010 - continued  
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
<b>Total crude materials, inedible except fuels</b>	<b>3,555</b>	<b>806</b>	<b>2,749</b>	—	—
<b>Subtotal forest products, wood and chips</b>	<b>2,653</b>	—	<b>2,653</b>	—	—
4170 wood in the rough	2,432	—	2,432	—	—
4189 lumber	221	—	221	—	—
<b>Subtotal pulp and waste paper</b>	<b>71</b>	—	<b>71</b>	—	—
4225 pulp & waste paper	71	—	71	—	—
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>302</b>	<b>302</b>	—	—	—
4323 gypsum	302	302	—	—	—
<b>Subtotal iron ore and scrap</b>	<b>46</b>	<b>46</b>	—	—	—
4410 iron ore	46	46	—	—	—
<b>Subtotal non-ferrous ores and scrap</b>	<b>252</b>	<b>252</b>	—	—	—
4650 aluminum ore	252	252	—	—	—
<b>Subtotal sulphur, clay and salt</b>	<b>24</b>	—	<b>24</b>	—	—
4782 clay & refrac. mat.	24	—	24	—	—
<b>Subtotal other non-metal. min.</b>	<b>206</b>	<b>206</b>	—	—	—
4900 non-metal. min. nec	206	206	—	—	—
<b>Total primary manufactured goods</b>	<b>79</b>	<b>10</b>	<b>65</b>	<b>5</b>	—
<b>Subtotal paper products</b>	<b>65</b>	—	<b>65</b>	—	—
5110 newsprint	41	—	41	—	—
5120 paper & paperboard	23	—	23	—	—
<b>Subtotal lime, cement and glass</b>	<b>5</b>	—	—	<b>5</b>	—
5220 cement & concrete	5	—	—	5	—
<b>Subtotal primary iron and steel products</b>	<b>2</b>	<b>2</b>	—	—	—
5330 i&s plates & sheets	0	0	—	—	—
5360 i&s bars & shapes	1	1	—	—	—
5370 i&s pipe & tube	1	1	—	—	—
<b>Subtotal primary non-ferrous metal products</b>	<b>8</b>	<b>8</b>	—	—	—
5480 fab. metal products	8	8	—	—	—
<b>Total food and farm products</b>	<b>796</b>	—	<b>796</b>	—	—
<b>Subtotal grain</b>	<b>42</b>	—	<b>42</b>	—	—
6241 wheat	42	—	42	—	—
<b>Subtotal oilseeds</b>	<b>538</b>	—	<b>538</b>	—	—
6590 oilseeds nec	538	—	538	—	—
<b>Subtotal processed grain and animal feed</b>	<b>215</b>	—	<b>215</b>	—	—
6747 grain mill products	7	—	7	—	—
6782 animal feed, preo.	208	—	208	—	—
<b>Total all manufactured equipment, machinery and products</b>	<b>19</b>	<b>19</b>	<b>0</b>	—	—
7110 machinery (not elec)	3	3	0	—	—
7120 electrical machinery	12	12	—	—	—
7600 rubber & plastic pr.	3	3	—	—	—
7900 manufac. prod. nec	0	0	—	—	—
<b>Total unknown or not elsewhere classified</b>	<b>8</b>	—	<b>8</b>	—	—
9900 unknown or nec	8	—	8	—	—

Commodity	Total	Domestic			
		Coastwise		Internal	
		Receipts	Shipments	Receipts	Shipments
<b>Total, all commodities</b>	<b>1,280</b>	<b>320</b>	<b>141</b>	<b>815</b>	<b>3</b>
<b>Total petroleum and petroleum products</b>	<b>2</b>	—	—	<b>2</b>	—
<b>Subtotal petroleum products</b>	<b>2</b>	—	—	<b>2</b>	—
2340 residual fuel oil	2	—	—	2	—
<b>Total crude materials, inedible except fuels</b>	<b>1,277</b>	<b>320</b>	<b>141</b>	<b>813</b>	<b>2</b>
<b>Subtotal forest products, wood and chips</b>	<b>1,254</b>	<b>320</b>	<b>141</b>	<b>791</b>	<b>2</b>
4161 wood chips	867	215	—	649	2
4170 wood in the rough	246	105	—	141	—
4189 lumber	141	—	141	—	—
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>23</b>	—	—	<b>23</b>	—
4331 sand & gravel	23	—	—	23	—
<b>Total primary manufactured goods</b>	<b>0</b>	—	—	<b>0</b>	—
<b>Subtotal primary iron and steel products</b>	<b>0</b>	—	—	<b>0</b>	—
5360 i&s bars & shapes	0	—	—	0	—
<b>Total all manufactured equipment, machinery and products</b>	<b>1</b>	—	—	—	<b>1</b>
7110 machinery (not elec)	1	—	—	—	1

PORT OF KALAMA, WA

Section Included: (Included in statistics for Columbia and Lower Willamette Rivers below Vancouver, WA, and Portland, OR) Controlling Depth: 37 feet. Project Depth: 40 feet at low water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	6,640	2004	10,120	2007	10,400	2010	12,255
2002	6,386	2005	10,318	2008	12,935		
2003	7,659	2006	9,124	2009	9,912		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Foreign		Domestic		
		Inbound	Outbound	Total	Internal	Receipts
						Shipments
<b>Total, all commodities</b>	<b>12,255</b>	<b>480</b>	<b>11,286</b>	<b>489</b>	<b>478</b>	<b>11</b>
<b>Total petroleum and petroleum products</b>	<b>1</b>	—	—	<b>1</b>	<b>1</b>	—
Subtotal petroleum products	1	—	—	1	1	—
2340 residual fuel oil	1	—	—	1	1	—
<b>Total chemicals and related products</b>	<b>78</b>	<b>71</b>	<b>6</b>	—	—	—
Subtotal other chemicals and related products	78	71	6	—	—	—
3212 benzene & toluene	52	52	—	—	—	—
3274 sodium hydroxide	19	19	—	—	—	—
3276 metallic salts	6	—	6	—	—	—
<b>Total crude materials, inedible except fuels</b>	<b>93</b>	<b>1</b>	<b>12</b>	<b>80</b>	<b>78</b>	<b>2</b>
Subtotal forest products, wood and chips	81	1	—	80	78	2
4161 wood chips	7	—	—	7	7	—
4170 wood in the rough	73	0	—	73	71	2
4189 lumber	1	1	—	—	—	—
Subtotal non-ferrous ores and scrap	12	—	12	—	—	—
4630 copper ore	12	—	12	—	—	—
<b>Total primary manufactured goods</b>	<b>407</b>	<b>407</b>	—	—	—	—
Subtotal primary iron and steel products	387	387	—	—	—	—
5320 i&s primary forms	155	155	—	—	—	—
5330 i&s plates & sheets	231	231	—	—	—	—
Subtotal primary non-ferrous metal products	20	20	—	—	—	—
5421 copper	1	1	—	—	—	—
5422 aluminum	6	6	—	—	—	—
5480 fab. metal products	14	14	—	—	—	—
Subtotal primary wood products	1	1	—	—	—	—
5540 primary wood prod.	1	1	—	—	—	—
<b>Total food and farm products</b>	<b>11,676</b>	—	<b>11,267</b>	<b>409</b>	<b>400</b>	<b>9</b>
Subtotal grain	5,354	—	4,946	409	400	9
6241 wheat	2,343	—	1,940	403	394	9
6344 corn	2,983	—	2,978	5	5	—
6447 sorghum grains	27	—	27	—	—	—
Subtotal oilseeds	6,162	—	6,162	—	—	—
6522 soybeans	6,162	—	6,162	—	—	—
Subtotal processed grain and animal feed	159	—	159	—	—	—
6782 animal feed. brep.	159	—	159	—	—	—
<b>Total all manufactured equipment, machinery and products</b>	<b>0</b>	<b>0</b>	<b>0</b>	—	—	—
7500 textile products	0	0	—	—	—	—
7600 rubber & plastic pr.	0	—	0	—	—	—
7900 manufac. prod. nec	0	0	—	—	—	—
<b>Total unknown or not elsewhere classified</b>	<b>0</b>	<b>0</b>	—	—	—	—
9900 unknown or nec	0	0	—	—	—	—

MULTNOMAH CHANNEL, OR

Section Included: A side channel from the Willamette River near Portland, OR, to the Columbia River near St. Helens, OR, a distance of about 22 miles. Controlling Depth: 18 feet in a 300-foot channel at north end; 8 feet in a 250-foot channel at south end; 8 to 50 feet in remainder of channel. Project Depth: 25 feet deep and 5,000 feet long at the Columbia River end; 25 feet deep and 9,500 feet long at the Willamette River end.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	1,621	2004	1,668	2007	1,694	2010	958
2002	1,305	2005	1,434	2008	1,241		
2003	1,558	2006	1,691	2009	1,084		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Internal		
		Inbound	Outbound	Upbound
		Upbound	Upbound	Downbnd
<b>Total, all commodities</b>	<b>958</b>	<b>63</b>	<b>173</b>	<b>722</b>
<b>Total crude materials, inedible except fuels</b>	<b>958</b>	<b>63</b>	<b>173</b>	<b>722</b>
Subtotal soil, sand, gravel, rock and stone	958	63	173	722
4331 sand & gravel	958	63	173	722
Ton-miles (x1000)	5,539	126	3,969	1,444
Tons All Traffic (x1000)	958			
Ton-miles All Traffic (x1000)	5,539			
Total Trip-ton-miles Internal and Intraport (x1000)	23,386			

OREGON SLOUGH (NORTH PORTLAND HARBOR), OR

Section Included: From deep water in the Columbia River to a point above the Portland Union Stock Yards, a distance of nearly 4 miles. Controlling Depth: 10 feet. Project Depth: 20 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	3,589	2004	3,752	2007	3,618	<b>2010</b>	<b>2,458</b>
2002	3,422	2005	2,743	2008	3,434		
2003	3,542	2006	3,286	2009	2,446		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Foreign		Domestic		
		Inbound	Outbound	Total	Internal	
				Upbound	Outbound	Downbrnd
<b>Total, all commodities</b>	<b>2,458</b>	1.521	802	135	134	1
<b>Total petroleum and petroleum products</b>	<b>0</b>	0	0	—	—	—
<b>Subtotal petroleum products</b>	<b>0</b>	0	0	—	—	—
2211 gasoline	0	0	—	—	—	—
2330 distillate fuel oil	0	—	0	—	—	—
2410 petro. jelly & waxes	0	0	—	—	—	—
2429 naphtha & solvents	0	—	0	—	—	—
2430 asphalt, tar & pitch	0	0	—	—	—	—
2540 petroleum coke	0	—	0	—	—	—
2640 hydrocarbon & petrol gases, liquefied and gaseous	0	0	—	—	—	—
<b>Total chemicals and related products</b>	<b>62</b>	36	26	—	—	—
<b>Subtotal fertilizers</b>	<b>1</b>	0	0	—	—	—
3130 potassic fert.	0	—	0	—	—	—
3190 fert. & mixes nec	1	0	0	—	—	—
<b>Subtotal other chemicals and related products</b>	<b>61</b>	35	25	—	—	—
3219 other hydrocarbons	0	0	—	—	—	—
3220 alcohols	1	1	0	—	—	—
3230 carboxylic acids	5	1	4	—	—	—
3240 nitrogen func. comp.	1	1	0	—	—	—
3250 organo - inorg. comp.	1	1	0	—	—	—
3260 organic comp. nec	5	2	3	—	—	—
3272 sulphuric acid	0	0	—	—	—	—
3273 ammonia	0	0	—	—	—	—
3274 sodium hydroxide	0	0	—	—	—	—
3275 inorg. elem., oxides, & halogen salts	4	4	0	—	—	—
3276 metallic salts	14	8	6	—	—	—
3279 inorganic chem. nec	1	1	1	—	—	—
3281 radioactive material	0	0	0	—	—	—
3282 pigments & paints	1	1	0	—	—	—
3283 coloring mat. nec	2	2	—	—	—	—
3284 medicines	1	1	0	—	—	—
3285 perfumes & cleansers	1	1	0	—	—	—
3286 plastics	18	8	10	—	—	—
3291 pesticides	0	0	0	—	—	—
3292 starches, gluten, glue	1	1	0	—	—	—
3293 explosives	1	1	0	—	—	—
3297 chemical additives	0	0	0	—	—	—
3298 wood & resin chem.	0	0	—	—	—	—
3299 chem. products nec	2	2	1	—	—	—
<b>Total crude materials, inedible except fuels</b>	<b>210</b>	<b>20</b>	<b>187</b>	<b>2</b>	<b>2</b>	<b>—</b>
<b>Subtotal forest products, wood and chips</b>	<b>58</b>	<b>13</b>	<b>45</b>	—	—	—
4110 rubber & gums	0	0	—	—	—	—
4150 fuel wood	0	0	0	—	—	—
4170 wood in the rough	4	0	4	—	—	—
4189 lumber	53	12	41	—	—	—
4190 forest products nec	1	1	1	—	—	—
<b>Subtotal pulp and waste paper</b>	<b>66</b>	<b>1</b>	<b>64</b>	—	—	—
4225 pulp & waste paper	66	1	64	—	—	—
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>7</b>	<b>5</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>—</b>
4310 building stone	4	4	0	—	—	—
4322 limestone	0	0	—	—	—	—
4323 gypsum	0	—	0	—	—	—
4331 sand & gravel	3	1	0	2	2	—
<b>Subtotal iron ore and scrap</b>	<b>43</b>	<b>0</b>	<b>43</b>	—	—	—
4410 iron ore	0	0	—	—	—	—
4420 iron & steel scrap	43	—	43	—	—	—
<b>Subtotal marine shells</b>	<b>0</b>	<b>0</b>	<b>0</b>	—	—	—
4515 marine shells	0	0	0	—	—	—
<b>Subtotal non-ferrous ores and scrap</b>	<b>27</b>	<b>0</b>	<b>27</b>	—	—	—
4650 aluminum ore	0	0	0	—	—	—
4680 non-ferrous scrap	27	0	27	—	—	—
<b>Subtotal sulphur, clay and salt</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>—</b>
4782 clay & refrac. mat.	0	0	0	0	0	—
<b>Subtotal slag</b>	<b>0</b>	<b>0</b>	<b>—</b>	—	—	—
4860 slag	0	0	—	—	—	—
<b>Subtotal other non-metal. min.</b>	<b>8</b>	<b>1</b>	<b>7</b>	—	—	—
4900 non-metal. min. nec	8	1	7	—	—	—
<b>Total primary manufactured goods</b>	<b>1,016</b>	<b>930</b>	<b>79</b>	<b>7</b>	<b>7</b>	<b>—</b>
<b>Subtotal paper products</b>	<b>56</b>	<b>16</b>	<b>33</b>	<b>7</b>	<b>7</b>	<b>—</b>
5110 newsprint	3	—	3	—	—	—
5120 paper & paperboard	45	10	29	6	6	—
5190 paper products nec	8	6	1	1	1	—
<b>Subtotal lime, cement and glass</b>	<b>42</b>	<b>41</b>	<b>2</b>	—	—	—
5220 cement & concrete	0	0	—	—	—	—
5240 glass & glass prod.	19	18	1	—	—	—

OREGON SLOUGH (NORTH PORTLAND HARBOR), OR  
Freight Traffic, 2010 - continued  
(thousand short tons)

Commodity	Grand Total	Foreign		Domestic	
		Inbound	Outbound	Total	Internal
				Inbound	Outbound
5290 misc. mineral prod.	24	23	1	—	—
<b>Subtotal primary iron and steel products</b>	<b>811</b>	<b>808</b>	<b>3</b>	—	—
5312 pig iron	1	1	0	—	—
5315 ferro alloys	1	1	—	—	—
5320 i&s primary forms	797	795	3	—	—
5330 i&s plates & sheets	3	3	0	—	—
5360 i&s bars & shapes	1	1	0	—	—
5370 i&s pipe & tube	5	5	0	—	—
5390 primary i&s nec	2	2	0	—	—
<b>Subtotal primary non-ferrous metal products</b>	<b>77</b>	<b>37</b>	<b>40</b>	—	—
5421 copper	2	1	2	—	—
5422 aluminum	2	1	0	—	—
5429 smeltd prod. nec	37	1	36	—	—
5480 fab. metal products	36	34	2	—	—
<b>Subtotal primary wood products</b>	<b>30</b>	<b>28</b>	<b>2</b>	—	—
5540 primarv wood prod.	30	28	2	—	—
<b>Total food and farm products</b>	<b>670</b>	<b>90</b>	<b>485</b>	<b>95</b>	<b>95</b>
<b>Subtotal fish</b>	<b>7</b>	<b>2</b>	<b>6</b>	—	—
6134 fish (not shellfish)	6	0	5	—	—
6136 shellfish	2	1	0	—	—
<b>Subtotal grain</b>	<b>10</b>	<b>5</b>	<b>4</b>	<b>1</b>	<b>1</b>
6241 wheat	6	4	2	1	1
6344 corn	2	1	2	—	—
6442 rice	1	1	—	—	—
6443 barley & rye	1	—	—	1	1
6445 oats	0	0	0	—	—
<b>Subtotal oilseeds</b>	<b>8</b>	<b>8</b>	<b>0</b>	—	—
6521 peanuts	0	—	0	—	—
6522 soybeans	5	5	0	—	—
6534 flaxseed	0	0	—	—	—
6590 oilseeds nec	2	2	—	—	—
<b>Subtotal vegetable products</b>	<b>231</b>	<b>22</b>	<b>127</b>	<b>82</b>	<b>82</b>
6653 vegetable oils	2	2	—	—	—
6654 vegetables & prod.	229	20	127	82	82
<b>Subtotal processed grain and animal feed</b>	<b>218</b>	<b>1</b>	<b>206</b>	<b>12</b>	<b>12</b>
6746 wheat flour	0	0	0	—	—
6747 grain mill products	3	0	3	—	—
6781 hay & fodder	209	0	198	12	12
6782 animal feed, prep.	6	0	5	—	—
<b>Subtotal other agricultural products</b>	<b>195</b>	<b>53</b>	<b>142</b>	—	—
6811 meat, fresh, frozen	0	0	0	—	—
6817 meat, prepared	0	—	0	—	—
6822 dairy products	18	0	18	—	—
6835 fish, prepared	1	1	0	—	—
6839 animals & prod. nec	14	0	13	—	—
6857 fruit & nuts nec	25	4	20	—	—
6858 fruit juices	20	15	5	—	—
6861 sugar	2	2	—	—	—
6865 molasses	0	0	—	—	—
6871 coffee	9	9	0	—	—
6872 cocoa beans	0	0	—	—	—
6885 alcoholic beverages	13	13	0	—	—
6888 water & ice	1	1	—	—	—
6889 food products nec	13	6	7	—	—
6891 tobacco & products	0	0	—	—	—
6893 cotton	0	0	0	—	—
6894 natural fibers nec	2	1	1	—	—
6899 farm products nec	78	0	77	—	—
<b>Total all manufactured equipment, machinery and products</b>	<b>491</b>	<b>438</b>	<b>21</b>	<b>31</b>	<b>30</b>
7110 machinery (not elec)	28	15	9	4	4
7120 electrical machinery	22	20	2	—	—
7210 vehicles & parts	207	206	1	—	—
7220 aircraft & parts	0	0	0	—	—
7230 ships & boats	0	0	0	—	—
7300 ordnance & access.	0	0	0	—	—
7400 manufac. wood prod.	13	11	2	—	—
7500 textile products	25	23	2	—	—
7600 rubber & plastic pr.	55	53	1	—	—
7900 manufac. prod. nec	140	109	4	27	26
<b>Total unknown or not elsewhere classified</b>	<b>11</b>	<b>7</b>	<b>4</b>	—	—
9900 unknown or nec	11	7	4	—	—

Tons All Traffic (x1000) **2,458**  
Total Trip-ton-miles Internal and Intraport (x1000) **39,089**

PORT OF VANCOUVER, WA

Section Included: (Statistics for that section of the port below Interstate Bridge are also included in the statistics for Columbia and Lower Willamette Rivers below Vancouver, WA, and Portland, OR, and statistics for section above Interstate Bridge are also included in statistics for Columbia River from Vancouver, WA, to the Dalles, OR). Controlling Depth: 35 feet at low water for that section of the port below Railroad Bridge and 14 feet for that section of the port above Interstate Bridge. Project Depth: 40 feet at low water in the lower turning basin and 35 feet at low water in the upper turning basin.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	7,039	2004	6,985	2007	9,708	2010	8,390
2002	6,610	2005	6,266	2008	7,937		
2003	6,631	2006	8,049	2009	6,819		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic			
		Inbound	Outbound		Coastwise		Internal	
		Total	Receipts	Shipments	Total	Receipts	Shipments	
<b>Total, all commodities</b>	<b>8,390</b>	<b>836</b>	<b>5,455</b>	<b>80</b>	<b>2,019</b>	<b>182</b>	<b>24</b>	<b>1,306</b>
<b>Total petroleum and petroleum products</b>	<b>437</b>	<b>37</b>	<b>—</b>	<b>10</b>	<b>389</b>	<b>182</b>	<b>16</b>	<b>9</b>
<b>Subtotal petroleum products</b>	<b>437</b>	<b>37</b>	<b>—</b>	<b>10</b>	<b>389</b>	<b>182</b>	<b>16</b>	<b>9</b>
2211 gasoline	270	14	—	—	255	150	10	—
2221 kerosene	9	—	—	—	9	—	—	9
2330 distillate fuel oil	90	22	—	10	58	30	—	28
2340 residual fuel oil	66	—	—	—	66	—	6	9
2410 petro. jelly & waxes	0	0	—	—	—	—	—	51
2429 naphtha & solvents	2	—	—	—	2	2	—	—
2540 petroleum coke	0	0	—	—	—	—	—	—
2640 hydrocarbon & petrol gases, liquefied and gaseous	1	1	—	—	—	—	—	—
<b>Total chemicals and related products</b>	<b>593</b>	<b>491</b>	<b>98</b>	<b>5</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>Subtotal fertilizers</b>	<b>55</b>	<b>10</b>	<b>46</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
3110 nitrogenous fert.	10	10	—	—	—	—	—	—
3130 potassic fert.	46	—	46	—	—	—	—	—
<b>Subtotal other chemicals and related products</b>	<b>538</b>	<b>481</b>	<b>52</b>	<b>5</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
3212 benzene & toluene	7	7	—	—	—	—	—	—
3220 alcohols	145	145	—	—	—	—	—	—
3272 sulphuric acid	23	23	—	—	—	—	—	—
3274 sodium hydroxide	297	297	—	—	—	—	—	—
3275 inorg. elem., oxides, & halogen salts	0	0	—	—	—	—	—	—
3276 metallic salts	50	0	49	—	—	—	—	—
3282 pigments & paints	0	0	0	—	—	—	—	—
3283 coloring mat. nec	0	0	—	—	—	—	—	—
3284 medicines	0	0	—	—	—	—	—	—
3285 perfumes & cleansers	2	—	2	—	—	—	—	—
3286 plastics	0	0	—	—	—	—	—	—
3292 starches, gluten, glue	0	0	—	—	—	—	—	—
3293 explosives	0	—	0	—	—	—	—	—
3299 chem. products nec	14	9	—	5	—	—	—	—
<b>Total crude materials, inedible except fuels</b>	<b>1,393</b>	<b>48</b>	<b>1,080</b>	<b>16</b>	<b>249</b>	<b>—</b>	<b>—</b>	<b>249</b>
<b>Subtotal forest products, wood and chips</b>	<b>16</b>	<b>0</b>	<b>8</b>	<b>—</b>	<b>7</b>	<b>—</b>	<b>—</b>	<b>7</b>
4170 wood in the rough	7	—	—	—	7	—	—	7
4189 lumber	8	0	8	—	0	—	—	0
4190 forest products nec	0	0	—	—	—	—	—	—
<b>Subtotal pulp and waste paper</b>	<b>92</b>	<b>41</b>	<b>52</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
4225 pulp & waste paper	92	41	52	—	—	—	—	—
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>258</b>	<b>0</b>	<b>—</b>	<b>16</b>	<b>242</b>	<b>—</b>	<b>—</b>	<b>242</b>
4310 building stone	0	0	—	—	—	—	—	—
4322 limestone	16	—	—	16	—	—	—	—
4331 sand & gravel	242	—	—	—	242	—	—	242
<b>Subtotal iron ore and scrap</b>	<b>502</b>	<b>—</b>	<b>502</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
4420 iron & steel scrap	502	—	502	—	—	—	—	—
<b>Subtotal non-ferrous ores and scrap</b>	<b>377</b>	<b>7</b>	<b>370</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
4630 copper ore	370	—	370	—	—	—	—	—
4650 aluminum ore	7	7	—	—	—	—	—	—
<b>Subtotal sulphur, clay and salt</b>	<b>148</b>	<b>—</b>	<b>148</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
4782 clay & refrac. mat.	148	—	148	—	—	—	—	—
<b>Total primary manufactured goods</b>	<b>252</b>	<b>114</b>	<b>81</b>	<b>49</b>	<b>8</b>	<b>—</b>	<b>8</b>	<b>0</b>
<b>Subtotal paper products</b>	<b>0</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
5120 paper & paperboard	0	0	—	—	—	—	—	—
5190 paper products nec	0	0	—	—	—	—	—	—
<b>Subtotal lime, cement and glass</b>	<b>50</b>	<b>1</b>	<b>—</b>	<b>49</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
5220 cement & concrete	49	—	—	49	—	—	—	—
5240 glass & glass prod.	0	0	—	—	—	—	—	—
5290 misc. mineral prod.	0	0	—	—	—	—	—	—

PORT OF VANCOUVER, WA  
Freight Traffic, 2010 - continued  
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian Inbound	Domestic			
		Inbound	Outbound		Total	Coastwise Receipts	Shipments	Internal Receipts
<b>Subtotal primary iron and steel products</b>	<b>127</b>	<b>97</b>	<b>30</b>	—	0	—	—	0 0
5312 pig iron	0	0	—	—	—	—	—	—
5320 i&s primary forms	42	12	30	—	—	—	—	—
5330 i&s plates & sheets	32	32	0	—	—	—	—	—
5360 i&s bars & shapes	6	6	—	—	0	—	—	0 0
5370 i&s pipe & tube	47	47	—	—	—	—	—	—
5390 primary i&s nec	0	0	—	—	—	—	—	—
<b>Subtotal primary non-ferrous metal products</b>	<b>74</b>	<b>15</b>	<b>51</b>	—	<b>8</b>	—	<b>8</b>	—
5421 copper	12	0	12	—	—	—	—	—
5422 aluminum	2	2	—	—	—	—	—	—
5429 smelted prod. nec	0	0	—	—	—	—	—	—
5480 fab. metal products	59	13	38	—	8	—	8	—
<b>Subtotal primary wood products</b>	<b>1</b>	<b>1</b>	<b>1</b>	—	—	—	—	—
5540 primary wood prod.	1	1	1	—	—	—	—	—
<b>Total food and farm products</b>	<b>5,477</b>	<b>1</b>	<b>4,179</b>	—	<b>1,297</b>	—	—	<b>1,297</b> —
<b>Subtotal fish</b>	<b>0</b>	<b>0</b>	<b>—</b>	—	—	—	—	—
6136 shellfish	0	0	—	—	—	—	—	—
<b>Subtotal grain</b>	<b>5,444</b>	—	<b>4,147</b>	—	<b>1,297</b>	—	—	<b>1,297</b> —
6241 wheat	5,444	—	4,147	—	1,297	—	—	1,297 —
<b>Subtotal oilseeds</b>	<b>1</b>	<b>0</b>	<b>1</b>	—	—	—	—	—
6522 soybeans	0	0	—	—	—	—	—	—
6590 oilseeds nec	1	0	1	—	—	—	—	—
<b>Subtotal vegetable products</b>	<b>0</b>	<b>0</b>	<b>—</b>	—	—	—	—	—
6654 vegetables & prod.	0	0	—	—	—	—	—	—
<b>Subtotal processed grain and animal feed</b>	<b>28</b>	—	<b>28</b>	—	—	—	—	—
6747 grain mill products	5	—	5	—	—	—	—	—
6782 animal feed, prep.	23	—	23	—	—	—	—	—
<b>Subtotal other agricultural products</b>	<b>3</b>	<b>0</b>	<b>3</b>	—	—	—	—	—
6857 fruit & nuts nec	0	0	—	—	—	—	—	—
6858 fruit juices	0	0	—	—	—	—	—	—
6885 alcoholic beverages	0	0	—	—	—	—	—	—
6889 food products nec	0	0	—	—	—	—	—	—
6894 natural fibers nec	2	0	2	—	—	—	—	—
6899 farm products nec	0	0	0	—	—	—	—	—
<b>Total all manufactured equipment, machinery and products</b>	<b>150</b>	<b>140</b>	<b>10</b>	<b>0</b>	<b>0</b>	—	—	<b>0</b> —
7110 machinery (not elec)	25	24	1	0	0	—	—	0
7120 electrical machinery	5	5	0	—	—	—	—	—
7210 vehicles & parts	111	104	7	—	—	—	—	—
7230 ships & boats	0	0	0	—	—	—	—	—
7300 ordnance & access.	0	—	0	—	—	—	—	—
7400 manufac. wood prod.	0	0	—	—	—	—	—	—
7500 textile products	2	0	1	—	—	—	—	—
7600 rubber & plastic pr.	1	1	—	—	—	—	—	—
7900 manufac. prod. nec	6	6	0	—	—	—	—	—
<b>Total waste and scrap nec</b>	<b>75</b>	—	—	—	<b>75</b>	—	—	<b>75</b> —
8900 waste and scrap nec	75	—	—	—	75	—	—	75 —
<b>Total unknown or not elsewhere classified</b>	<b>13</b>	<b>6</b>	<b>7</b>	—	—	—	—	—
9900 unknown or nec	13	6	7	—	—	—	—	—

COLUMBIA RIVER BETWEEN VANCOUVER, WA AND THE DALLES, OR

Section Included: Columbia River between Vancouver, WA, and the Dalles, OR, a distance of about 85 miles. Controlling Depth: 15 feet between Vancouver and the Dalles. Project Depth: 27 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	9,793	2004	9,831	2007	10,993	<b>2010</b>	<b>8,660</b>
2002	7,990	2005	9,926	2008	8,267		
2003	9,429	2006	10,169	2009	8,216		

Freight Traffic, 2010 (thousand short tons)

Commodity	Total	Domestic	
		Coastwise	Shipments
<b>Total, all commodities</b>		8	8
<b>Total primary manufactured goods</b>		8	8
<b>Subtotal primary non-ferrous metal products</b>		8	8
5480 fab. metal products		8	8
Ton-miles (x1000)		0	0
Domestic			

COLUMBIA RIVER BETWEEN VANCOUVER, WA AND THE DALLES, OR  
Freight Traffic, 2010 - continued  
(thousand short tons)

Commodity	Total	Internal								
		Inbound		Outbound		Through		Intra		
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	
Total, all commodities	8,652	424	5	206	560	1,777	5,394	223	64	
Total petroleum and petroleum products	1,627	—	—	—	—	1,627	—	—	—	
Subtotal petroleum products	1,627	—	—	—	—	1,627	—	—	—	
2211 gasoline	690	—	—	—	—	690	—	—	—	
2221 kerosene	9	—	—	—	—	9	—	—	—	
2330 distillate fuel oil	198	—	—	—	—	198	—	—	—	
2340 residual fuel oil	731	—	—	—	—	731	—	—	—	
Total chemicals and related products	117	—	—	—	—	51	66	—	—	
Subtotal fertilizers	51	—	—	—	—	51	—	—	—	
3110 nitrogenous fert.	51	—	—	—	—	51	—	—	—	
Subtotal other chemicals and related products	66	—	—	—	—	—	66	—	—	
3220 alcohols	66	—	—	—	—	—	66	—	—	
Total crude materials, inedible except fuels	2,126	424	5	72	490	19	828	223	64	
Subtotal forest products, wood and chips	1,029	6	5	72	490	19	336	38	62	
4150 fuel wood	22	—	—	18	1	—	—	3	—	
4161 wood chips	743	4	5	54	343	19	263	19	35	
4170 wood in the rough	265	2	—	—	146	0	72	16	28	
Subtotal soil, sand, gravel, rock and stone	991	417	—	—	—	—	387	185	2	
4331 sand & gravel	991	417	—	—	—	—	387	185	2	
Subtotal iron ore and scrap	106	—	—	—	—	—	106	—	—	
4420 iron & steel scrap	106	—	—	—	—	—	106	—	—	
Subtotal sulphur, clay and salt	0	—	—	—	—	—	0	—	—	
4782 clav & refrac. mat.	0	—	—	—	—	—	0	—	—	
Total primary manufactured goods	7	0	—	—	—	—	7	—	—	
Subtotal paper products	7	—	—	—	—	—	7	—	—	
5120 paper & paperboard	6	—	—	—	—	—	6	—	—	
5190 paper products nec	1	—	—	—	—	—	1	—	—	
Subtotal primary iron and steel products	0	0	—	—	—	—	—	—	—	
5360 i&s bars & shapes	0	0	—	—	—	—	—	—	—	
Total food and farm products	4,534	—	—	—	69	3	4,462	—	—	
Subtotal grain	4,440	—	—	—	69	3	4,369	—	—	
6241 wheat	4,424	—	—	—	69	3	4,353	—	—	
6344 corn	5	—	—	—	—	—	5	—	—	
6443 barley & rye	11	—	—	—	—	—	11	—	—	
Subtotal vegetable products	82	—	—	—	—	—	82	—	—	
6654 vegetables & prod.	82	—	—	—	—	—	82	—	—	
Subtotal processed grain and animal feed	12	—	—	—	—	—	12	—	—	
6781 hay & fodder	12	—	—	—	—	—	12	—	—	
Total all manufactured equipment, machinery and products	32	—	—	—	—	2	30	—	—	
7110 machinery (not elec)	5	—	—	—	—	1	4	—	—	
7900 manufac. prod. nec	28	—	—	—	—	1	26	—	—	
Total waste and scrap nec	209	—	—	134	—	75	—	—	—	
8900 waste and scrap nec	209	—	—	134	—	75	—	—	—	
Ton-miles	668,560	4,725	355	12,861	38,512	151,046	458,450	279	2,331	
Internal (x1000)										
Tons All Traffic (x1000)			8,660							
Ton-miles All Traffic (x1000)			668,560							
Total Trip-ton-miles Internal and Intraport (x1000)			1,927,518							

COLUMBIA RIVER ABOVE THE DALLES DAM, WA AND OR TO MCNARY LOCK AND DAM, OR AND WA

Section Included: Columbia River between the Dalles Dam and McNary Lock and Dam, a distance of about 91 miles. Controlling Depth: within the Dalles and John Day Pools, 14 feet. Project Depth: 14 feet at adopted low water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	8,873	2004	8,942	2007	9,316	<b>2010</b>	<b>7,388</b>
2002	7,262	2005	8,629	2008	6,923		
2003	8,531	2006	8,934	2009	7,028		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Internal					
		Inbound		Outbound		Through	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
<b>Total, all commodities</b>	<b>7,388</b>	<b>501</b>	<b>1</b>	<b>6</b>	<b>1,386</b>	<b>1,481</b>	<b>4,012</b>
<b>Total petroleum and petroleum products</b>	<b>1,629</b>	<b>266</b>	<b>1</b>	—	—	<b>1,361</b>	—
<b>Subtotal petroleum products</b>	<b>1,629</b>	<b>266</b>	<b>1</b>	—	—	<b>1,361</b>	—
2211 gasoline	690	—	—	—	—	690	—
2221 kerosene	10	3	1	—	—	6	—
2330 distillate fuel oil	198	59	—	—	—	139	—
2340 residual fuel oil	731	204	—	—	—	527	—
<b>Total chemicals and related products</b>	<b>117</b>	<b>25</b>	—	—	<b>66</b>	<b>26</b>	—
<b>Subtotal fertilizers</b>	<b>51</b>	<b>25</b>	—	—	—	<b>26</b>	—
3110 nitrogenous fert.	51	25	—	—	—	26	—
<b>Subtotal other chemicals and related products</b>	<b>66</b>	—	—	—	<b>66</b>	—	—
3220 alcohols	66	—	—	—	66	—	—
<b>Total crude materials, inedible except fuels</b>	<b>930</b>	—	—	<b>6</b>	<b>650</b>	<b>91</b>	<b>183</b>
<b>Subtotal forest products, wood and chips</b>	<b>437</b>	—	—	<b>6</b>	<b>250</b>	<b>91</b>	<b>90</b>
4150 fuel wood	18	—	—	—	—	18	—
4161 wood chips	347	—	—	6	250	73	18
4170 wood in the rough	72	—	—	—	—	0	72
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>387</b>	—	—	—	<b>387</b>	—	—
4331 sand & gravel	387	—	—	—	387	—	—
<b>Subtotal iron ore and scrap</b>	<b>106</b>	—	—	—	—	—	<b>92</b>
4420 iron & steel scrap	106	—	—	—	13	—	92
<b>Subtotal sulphur, clay and salt</b>	<b>0</b>	—	—	—	—	—	<b>0</b>
4782 clav & refrac. mat.	0	—	—	—	—	—	0
<b>Total primary manufactured goods</b>	<b>7</b>	—	—	—	—	—	<b>7</b>
<b>Subtotal paper products</b>	<b>7</b>	—	—	—	—	—	<b>7</b>
5120 paper & paperboard	6	—	—	—	—	—	6
5190 paper products nec	1	—	—	—	—	—	1
<b>Total food and farm products</b>	<b>4,465</b>	—	—	—	<b>639</b>	<b>3</b>	<b>3,823</b>
<b>Subtotal grain</b>	<b>4,371</b>	—	—	—	<b>618</b>	<b>3</b>	<b>3,751</b>
6241 wheat	4,355	—	—	—	618	3	3,735
6344 corn	5	—	—	—	—	—	5
6443 barley & rye	11	—	—	—	—	—	11
<b>Subtotal vegetable products</b>	<b>82</b>	—	—	—	—	—	<b>72</b>
6654 vegetables & prod.	82	—	—	—	10	—	72
<b>Subtotal processed grain and animal feed</b>	<b>12</b>	—	—	—	<b>12</b>	—	—
6781 hay & fodder	12	—	—	—	12	—	—
<b>Total all manufactured equipment, machinery and products</b>	<b>32</b>	<b>1</b>	—	—	<b>30</b>	<b>1</b>	<b>0</b>
7110 machinery (not elec)	5	—	—	—	4	1	—
7900 manufac. prod. nec	28	1	—	—	26	—	0
<b>Total waste and scrap nec</b>	<b>209</b>	<b>209</b>	—	—	—	—	—
8900 waste and scrap nec	209	209	—	—	—	—	—
Ton-miles (x1000)	<b>655,222</b>	<b>44,959</b>	0	115	<b>71,771</b>	<b>145,173</b>	<b>393,204</b>

Tons All Traffic (x1000) **7,388**  
Ton-miles All Traffic (x1000) **655,222**  
Total Trip-ton-miles Internal and Intraport (x1000) **1,851,441**

PORT OF PORTLAND, OR

Section Included: (Statistics for that section of Portland Harbor below Ross Island Bridge are also included in statistics for Columbia and Lower Willamette Rivers below Vancouver, WA, and Portland, OR, and statistics for section above Ross Island Bridge are also included in statistics for Willamette River above Portland and Yamhill River, OR). Controlling depth: 28 feet from mouth to Broadway Bridge; 20 feet at low water above Ross Island Bridge to Lake Oswego; 9 feet to Oregon City. Project Depth: 40 feet at low water below Broadway Bridge; 30 feet from Broadway Bridge to foot of Ross Island, maintained by port of Portland; 8 feet at low water above foot of Ross Island. Statistics for section of Oregon Slough (North Portland Harbor), OR, are also included. Controlling Depth: 10 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	31,339	2004	30,191	2007	31,119	<b>2010</b>	<b>25,949</b>
2002	26,635	2005	28,127	2008	26,668		
2003	26,796	2006	28,472	2009	23,307		

Freight Traffic, 2010 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
<b>Total, all commodities</b>	<b>17,771</b>	<b>2,859</b>	<b>14,274</b>	<b>614</b>	<b>24</b>
<b>Total petroleum and petroleum products</b>	<b>354</b>	<b>263</b>	<b>0</b>	<b>90</b>	—
<b>Subtotal petroleum products</b>	<b>354</b>	<b>263</b>	<b>0</b>	<b>90</b>	—
2211 gasoline	257	207	—	50	—
2330 distillate fuel oil	73	33	0	40	—

PORT OF PORTLAND, OR  
Freight Traffic, 2010 - continued  
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
2410 petro. jelly & waxes	0	0	—	—	—
2429 naphtha & solvents	0	—	0	—	—
2430 asphalt, tar & pitch	23	23	—	—	—
2540 petroleum coke	0	—	0	—	—
2640 hydrocarbon & petrol gases, liquefied and gaseous	0	0	—	—	—
<b>Total chemicals and related products</b>	<b>5,546</b>	<b>368</b>	<b>5,140</b>	<b>15</b>	<b>24</b>
<b>Subtotal fertilizers</b>	<b>2,912</b>	<b>273</b>	<b>2,615</b>	<b>—</b>	<b>24</b>
3110 nitrogenous fert.	272	272	—	—	—
3130 potassic fert.	2,614	—	2,590	—	24
3190 fert. & mixes nec	26	0	25	—	—
<b>Subtotal other chemicals and related products</b>	<b>2,634</b>	<b>95</b>	<b>2,524</b>	<b>15</b>	<b>—</b>
3219 other hydrocarbons	0	0	—	—	—
3220 alcohols	1	1	0	—	—
3230 carboxylic acids	7	1	6	—	—
3240 nitrogen func. comp.	16	1	0	15	—
3250 organo - inorg. comp.	1	1	0	—	—
3260 organic comp. nec	5	2	3	—	—
3272 sulphuric acid	0	0	—	—	—
3273 ammonia	59	59	—	—	—
3274 sodium hydroxide	0	0	—	—	—
3275 inorg. elem., oxides, & halogen salts	56	4	52	—	—
3276 metallic salts	2,458	8	2,450	—	—
3279 inorganic chem. nec	1	1	1	—	—
3281 radioactive material	0	0	0	—	—
3282 pigments & paints	1	1	0	—	—
3283 coloring mat. nec	2	2	—	—	—
3284 medicines	1	1	0	—	—
3285 perfumes & cleansers	2	1	1	—	—
3286 plastics	18	8	10	—	—
3291 pesticides	0	0	0	—	—
3292 starches, gluten, glue	1	1	0	—	—
3293 explosives	1	1	0	—	—
3297 chemical additives	0	0	0	—	—
3298 wood & resin chem.	0	0	—	—	—
3299 chem. products nec	2	2	1	—	—
<b>Total crude materials, inedible except fuels</b>	<b>1,597</b>	<b>89</b>	<b>1,013</b>	<b>495</b>	<b>—</b>
<b>Subtotal forest products, wood and chips</b>	<b>154</b>	<b>82</b>	<b>72</b>	<b>—</b>	<b>—</b>
4110 rubber & gums	0	0	—	—	—
4150 fuel wood	0	0	0	—	—
4170 wood in the rough	12	0	11	—	—
4189 lumber	141	81	60	—	—
4190 forest products nec	1	1	1	—	—
<b>Subtotal pulp and waste paper</b>	<b>66</b>	<b>1</b>	<b>64</b>	<b>—</b>	<b>—</b>
4225 pulp & waste paper	66	1	64	—	—
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>432</b>	<b>5</b>	<b>0</b>	<b>427</b>	<b>—</b>
4310 building stone	4	4	0	—	—
4322 limestone	400	0	—	399	—
4323 gypsum	0	—	0	—	—
4331 sand & gravel	28	1	0	28	—
<b>Subtotal iron ore and scrap</b>	<b>838</b>	<b>0</b>	<b>809</b>	<b>29</b>	<b>—</b>
4410 iron ore	0	0	—	—	—
4420 iron & steel scrap	838	—	809	29	—
<b>Subtotal marine shells</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>—</b>	<b>—</b>
4515 marine shells	0	0	0	—	—
<b>Subtotal non-ferrous ores and scrap</b>	<b>27</b>	<b>0</b>	<b>27</b>	<b>—</b>	<b>—</b>
4650 aluminum ore	0	0	0	—	—
4680 non-ferrous scrap	27	0	27	—	—
<b>Subtotal sulphur, clay and salt</b>	<b>72</b>	<b>0</b>	<b>32</b>	<b>40</b>	<b>—</b>
4782 clay & refrac. mat.	72	0	32	40	—
<b>Subtotal slag</b>	<b>0</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>—</b>
4860 slag	0	0	—	—	—
<b>Subtotal other non-metal. min.</b>	<b>8</b>	<b>1</b>	<b>7</b>	<b>—</b>	<b>—</b>
4900 non-metal. min. nec	8	1	7	—	—
<b>Total primary manufactured goods</b>	<b>1,471</b>	<b>1,373</b>	<b>97</b>	<b>—</b>	<b>—</b>
<b>Subtotal paper products</b>	<b>62</b>	<b>16</b>	<b>46</b>	<b>—</b>	<b>—</b>
5110 newsprint	3	—	3	—	—
5120 paper & paperboard	41	10	30	—	—
5190 paper products nec	19	6	13	—	—
<b>Subtotal lime, cement and glass</b>	<b>348</b>	<b>346</b>	<b>2</b>	<b>—</b>	<b>—</b>
5220 cement & concrete	305	305	—	—	—
5240 glass & glass prod.	19	18	1	—	—
5290 misc. mineral prod.	24	23	1	—	—
<b>Subtotal primary iron and steel products</b>	<b>936</b>	<b>929</b>	<b>8</b>	<b>—</b>	<b>—</b>
5312 pig iron	1	1	0	—	—
5315 ferro alloys	11	11	—	—	—
5320 i&s primary forms	878	875	3	—	—
5330 i&s plates & sheets	3	3	0	—	—
5360 i&s bars & shapes	6	1	4	—	—
5370 i&s pipe & tube	6	6	0	—	—
5390 primary i&s nec	32	32	0	—	—
<b>Subtotal primary non-ferrous metal products</b>	<b>94</b>	<b>54</b>	<b>40</b>	<b>—</b>	<b>—</b>
5421 copper	2	1	2	—	—
5422 aluminum	2	1	0	—	—
5429 smelted prod. nec	37	1	36	—	—
5480 fab. metal products	53	51	2	—	—
<b>Subtotal primary wood products</b>	<b>30</b>	<b>28</b>	<b>2</b>	<b>—</b>	<b>—</b>
5540 primary wood prod.	30	28	2	—	—

PORT OF PORTLAND, OR  
Freight Traffic, 2010 - continued  
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
<b>Total food and farm products</b>	<b>8,089</b>	<b>91</b>	<b>7,985</b>	<b>14</b>	<b>—</b>
<b>Subtotal fish</b>	7	2	6	—	—
6134 fish (not shellfish)	6	0	5	—	—
6136 shellfish	2	1	0	—	—
<b>Subtotal grain</b>	<b>6,500</b>	<b>5</b>	<b>6,494</b>	—	—
6241 wheat	6,347	4	6,343	—	—
6344 corn	142	1	141	—	—
6442 rice	1	1	—	—	—
6443 barley & rye	10	—	10	—	—
6445 oats	0	0	0	—	—
<b>Subtotal oilseeds</b>	<b>927</b>	<b>8</b>	<b>919</b>	—	—
6521 peanuts	0	—	0	—	—
6522 soybeans	912	5	907	—	—
6534 flaxseed	0	0	—	—	—
6590 oilseeds nec	15	2	13	—	—
<b>Subtotal vegetable products</b>	<b>222</b>	<b>22</b>	<b>200</b>	—	—
6653 vegetable oils	2	2	—	—	—
6654 vegetables & prod.	220	20	200	—	—
<b>Subtotal processed grain and animal feed</b>	<b>238</b>	<b>1</b>	<b>223</b>	<b>14</b>	—
6746 wheat flour	0	0	0	—	—
6747 grain mill products	17	0	3	14	—
6781 hay & fodder	199	0	199	—	—
6782 animal feed, prep.	22	0	21	—	—
<b>Subtotal other agricultural products</b>	<b>196</b>	<b>53</b>	<b>142</b>	—	—
6811 meat, fresh, frozen	0	0	0	—	—
6817 meat, prepared	0	—	0	—	—
6822 dairy products	18	0	18	—	—
6835 fish, prepared	1	1	0	—	—
6839 animals & prod. nec	14	0	13	—	—
6857 fruit & nuts nec	25	4	20	—	—
6858 fruit juices	20	15	5	—	—
6861 sugar	2	2	—	—	—
6865 molasses	0	0	—	—	—
6871 coffee	9	9	0	—	—
6872 cocoa beans	0	0	—	—	—
6885 alcoholic beverages	14	13	0	—	—
6888 water & ice	1	1	—	—	—
6889 food products nec	13	6	7	—	—
6891 tobacco & products	0	0	—	—	—
6893 cotton	0	0	0	—	—
6894 natural fibers nec	2	1	1	—	—
6899 farm products nec	78	0	77	—	—
<b>Total all manufactured equipment, machinery and products</b>	<b>692</b>	<b>668</b>	<b>24</b>	<b>0</b>	<b>—</b>
7110 machinery (not elec)	26	16	10	0	—
7120 electrical machinery	22	20	2	—	—
7210 vehicles & parts	426	423	2	0	—
7220 aircraft & parts	0	0	0	—	—
7230 ships & boats	0	0	0	0	—
7300 ordnance & access.	0	0	0	—	—
7400 manufac. wood prod.	13	11	2	—	—
7500 textile products	25	23	2	—	—
7600 rubber & plastic pr.	55	53	1	—	—
7900 manufac. prod. nec	125	120	5	0	—
<b>Total unknown or not elsewhere classified</b>	<b>22</b>	<b>7</b>	<b>15</b>	<b>0</b>	<b>—</b>
9900 unknown or nec	22	7	15	0	—

Commodity	Total	Domestic		
		Coastwise	Internal	Intraport
Receipts	Shipments	Receipts	Shipments	Intraport
<b>Total, all commodities</b>	<b>8,179</b>	<b>2,197</b>	<b>11</b>	<b>4,124</b>
<b>Total petroleum and petroleum products</b>	<b>3,805</b>	<b>2,197</b>	<b>11</b>	<b>78</b>
<b>Subtotal petroleum products</b>	<b>3,805</b>	<b>2,197</b>	<b>11</b>	<b>78</b>
2211 gasoline	2,124	1,416	11	56
2330 distillate fuel oil	735	514	—	22
2340 residual fuel oil	819	140	—	192
2350 lube oil & greases	127	127	—	672
<b>Total chemicals and related products</b>	<b>73</b>	<b>—</b>	<b>—</b>	<b>68</b>
<b>Subtotal fertilizers</b>	<b>7</b>	<b>—</b>	<b>—</b>	<b>2</b>
3110 nitrogenous fert.	7	—	—	2
<b>Subtotal other chemicals and related products</b>	<b>66</b>	<b>—</b>	<b>—</b>	<b>66</b>
3220 alcohols	66	—	—	66
<b>Total crude materials, inedible except fuels</b>	<b>1,416</b>	<b>—</b>	<b>—</b>	<b>1,098</b>
<b>Subtotal forest products, wood and chips</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>0</b>
4189 lumber	0	—	—	0
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>1,310</b>	<b>—</b>	<b>—</b>	<b>992</b>
4331 sand & gravel	1,310	—	—	992
<b>Subtotal iron ore and scrap</b>	<b>106</b>	<b>—</b>	<b>—</b>	<b>106</b>
4420 iron & steel scrap	106	—	—	106
<b>Subtotal sulphur, clay and salt</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>0</b>
4782 clav & refrac. mat.	0	—	—	0
<b>Total primary manufactured goods</b>	<b>7</b>	<b>—</b>	<b>—</b>	<b>7</b>
<b>Subtotal paper products</b>	<b>7</b>	<b>—</b>	<b>—</b>	<b>7</b>
5120 paper & paperboard	6	—	—	6
5190 paper products nec	1	—	—	1

PORT OF PORTLAND, OR  
Freight Traffic, 2010 - continued  
(thousand short tons)

Commodity	Total	Domestic			
		Coastwise		Internal	
		Receipts	Shipments	Receipts	Shipments
<b>Subtotal primary iron and steel products</b>	<b>0</b>	—	—	0	0
5360 i&s bars & shapes	0	—	—	0	0
<b>Total food and farm products</b>	<b>2,846</b>	—	—	<b>2,843</b>	<b>3</b>
<b>Subtotal grain</b>	<b>2,752</b>	—	—	<b>2,750</b>	<b>3</b>
6241 wheat	2,741	—	—	2,739	3
6443 barley & rye	11	—	—	11	—
<b>Subtotal vegetable products</b>	<b>82</b>	—	—	<b>82</b>	—
6654 vegetables & prod.	82	—	—	82	—
<b>Subtotal processed grain and animal feed</b>	<b>12</b>	—	—	<b>12</b>	—
6781 hay & fodder	12	—	—	12	—
<b>Total all manufactured equipment, machinery and products</b>	<b>32</b>	—	—	<b>30</b>	<b>1</b>
7110 machinery (not elec)	4	—	—	4	—
7900 manufac. prod. nec	28	—	—	26	1

WILLAMETTE RIVER ABOVE PORTLAND AND YAMHILL RIVER, OR

Section Included: Willamette River from Portland to Harrisburg, OR, a distance of 159 miles, and Yamhill River from mouth to mile 4.0. Controlling Depth: 8 feet from Portland to Oregon City; 3 feet to Corvallis; 4 feet on Yamhill River from mouth to mile 4.0. Project Depth: Willamette River, 8 feet from Portland to Oregon City; 6 feet from Oregon City to mouth of Santiam River; 5 feet from mouth of Santiam River to Albany; 2.5 feet to 3.5 feet from Albany to Corvallis; no depths prescribed from Corvallis to Harrisburg; Yamhill River, 4 feet from mouth to mile 4.0.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	1,601	2004	1,503	2007	1,585	<b>2010</b>	<b>597</b>
2002	1,623	2005	1,575	2008	1,161		
2003	1,261	2006	1,558	2009	469		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Internal	
		Inbound	Outbound
		Upbound	Downbnd
<b>Total, all commodities</b>	<b>597</b>	<b>302</b>	<b>296</b>
<b>Total crude materials, inedible except fuels</b>	<b>597</b>	<b>302</b>	<b>296</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>597</b>	<b>302</b>	<b>296</b>
4331 sand & gravel	597	302	296
<b>Tons All Traffic (x1000)</b>	<b>597</b>		
<b>Total Trip-ton-miles Internal and Intraport (x1000)</b>	<b>35,565</b>		

COOS BAY, OR

Section Included: From sea to Millington, a distance of 17 miles. (Same section and statistics apply to Port of Coos Bay). Maintained Depth: 47 feet in entrance channel; 37 feet in inner channel to mile 15; 22 feet in Isthmus Slough to Millington. Turning basins of 37 feet deep opposite Coalbank Slough and at the city of North Bend. Anchorage basins 37 feet at mile 3.5 and near mile 7; a channel 22 feet deep from Smith's Mill (mile 15) to Millington; mooring basin for small boats at Charleston, with a connecting channel 16 feet deep, maintained by local interest, to deep water in Coos Bay.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	1,704	2004	2,000	2007	1,934	<b>2010</b>	<b>1,586</b>
2002	1,707	2005	2,244	2008	1,733		
2003	1,883	2006	2,144	2009	1,328		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Foreign	Canadian	Domestic
		Outbound	Inbound	Coastwise
				Shipments
<b>Total, all commodities</b>	<b>1,586</b>	<b>1,409</b>	<b>27</b>	<b>150</b>
<b>Total crude materials, inedible except fuels</b>	<b>1,586</b>	<b>1,409</b>	<b>27</b>	<b>150</b>
<b>Subtotal forest products, wood and chips</b>	<b>1,586</b>	<b>1,409</b>	<b>27</b>	<b>150</b>
4161 wood chips	1,402	1,357	—	45
4170 wood in the rough	172	40	27	105
4189 lumber	12	12	—	—

COLUMBIA RIVER SYSTEM

Section Included: Main channels and all navigable tributaries of the Columbia, Willamette and Snake Rivers.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	51,410	2004	54,648	2007	58,871	2010	55,045
2002	45,982	2005	52,296	2008	55,286		
2003	47,747	2006	53,009	2009	46,372		

Freight Traffic, 2010 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
<b>Total, all commodities</b>	<b>41,457</b>	<b>5,051</b>	<b>35,603</b>	<b>699</b>	<b>104</b>
<b>Total petroleum and petroleum products</b>	<b>1,387</b>	<b>334</b>	<b>872</b>	<b>100</b>	<b>80</b>
<b>Subtotal petroleum products</b>	<b>1,387</b>	<b>334</b>	<b>872</b>	<b>100</b>	<b>80</b>
2211 gasoline	272	221	—	50	—
2330 distillate fuel oil	105	55	0	50	—
2410 petro. jelly & waxes	0	0	—	—	—
2429 naphtha & solvents	0	—	0	—	—
2430 asphalt, tar & pitch	23	23	—	—	—
2540 petroleum coke	986	33	872	—	80
2640 hydrocarbon & petrol gases, liquefied and gaseous	1	1	—	—	—
<b>Total chemicals and related products</b>	<b>6,318</b>	<b>937</b>	<b>5,338</b>	<b>20</b>	<b>24</b>
<b>Subtotal fertilizers</b>	<b>3,037</b>	<b>283</b>	<b>2,730</b>	<b>—</b>	<b>24</b>
3110 nitrogenous fert.	282	282	—	—	—
3130 potassic fert.	2,722	—	2,698	—	24
3190 fert. & mixes nec	32	0	32	—	—
<b>Subtotal other chemicals and related products</b>	<b>3,281</b>	<b>654</b>	<b>2,608</b>	<b>20</b>	<b>—</b>
3212 benzene & toluene	59	59	—	—	—
3219 other hydrocarbons	0	0	—	—	—
3220 alcohols	146	146	0	—	—
3230 carboxylic acids	7	1	6	—	—
3240 nitrogen func. comp.	16	1	0	15	—
3250 organo - inorg. comp.	1	1	0	—	—
3260 organic comp. nec	5	2	3	—	—
3272 sulphuric acid	23	23	—	—	—
3273 ammonia	59	59	—	—	—
3274 sodium hydroxide	323	323	—	—	—
3275 inorg. elem., oxides, & halogen salts	56	4	52	—	—
3276 metallic salts	2,533	8	2,525	—	—
3279 inorganic chem. nec	1	1	1	—	—
3281 radioactive material	0	0	0	—	—
3282 pigments & paints	1	1	0	—	—
3283 coloring mat. nec	2	2	—	—	—
3284 medicines	1	1	0	—	—
3285 perfumes & cleansers	4	1	3	—	—
3286 plastics	18	8	10	—	—
3291 pesticides	0	0	0	—	—
3292 starches, gluten, glue	1	1	0	—	—
3293 explosives	1	1	0	—	—
3297 chemical additives	0	0	0	—	—
3298 wood & resin chem.	0	0	—	—	—
3299 chem. products nec	23	11	7	5	—
<b>Total crude materials, inedible except fuels</b>	<b>6,315</b>	<b>944</b>	<b>4,859</b>	<b>512</b>	<b>—</b>
<b>Subtotal forest products, wood and chips</b>	<b>2,822</b>	<b>83</b>	<b>2,739</b>	<b>—</b>	<b>—</b>
4110 rubber & gums	0	0	—	—	—
4150 fuel wood	0	0	0	—	—
4170 wood in the rough	2,450	0	2,449	—	—
4189 lumber	371	82	289	—	—
4190 forest products nec	1	1	1	—	—
<b>Subtotal pulp and waste paper</b>	<b>229</b>	<b>42</b>	<b>187</b>	<b>—</b>	<b>—</b>
4225 pulp & waste paper	229	42	187	—	—
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>750</b>	<b>306</b>	<b>0</b>	<b>443</b>	<b>—</b>
4310 building stone	4	4	0	—	—
4322 limestone	416	0	—	415	—
4323 gypsum	302	302	0	—	—
4331 sand & gravel	28	1	0	28	—
<b>Subtotal iron ore and scrap</b>	<b>1,386</b>	<b>46</b>	<b>1,311</b>	<b>29</b>	<b>—</b>
4410 iron ore	46	46	—	—	—
4420 iron & steel scrap	1,340	—	1,311	29	—
<b>Subtotal marine shells</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>—</b>	<b>—</b>
4515 marine shells	0	0	0	—	—
<b>Subtotal non-ferrous ores and scrap</b>	<b>669</b>	<b>259</b>	<b>410</b>	<b>—</b>	<b>—</b>
4630 copper ore	382	—	382	—	—
4650 aluminum ore	260	259	0	—	—
4680 non-ferrous scrap	27	0	27	—	—
<b>Subtotal sulphur, clay and salt</b>	<b>245</b>	<b>0</b>	<b>205</b>	<b>40</b>	<b>—</b>
4782 clay & refrac. mat.	245	0	205	40	—
<b>Subtotal slag</b>	<b>0</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>—</b>
4860 slag	0	0	—	—	—
<b>Subtotal other non-metal. min.</b>	<b>214</b>	<b>206</b>	<b>7</b>	<b>—</b>	<b>—</b>
4900 non-metal. min. nec	214	206	7	—	—
<b>Total primary manufactured goods</b>	<b>2,201</b>	<b>1,904</b>	<b>243</b>	<b>54</b>	<b>—</b>
<b>Subtotal paper products</b>	<b>127</b>	<b>17</b>	<b>111</b>	<b>—</b>	<b>—</b>
5110 newsprint	45	—	45	—	—
5120 paper & paperboard	64	10	54	—	—
5190 paper products nec	19	6	13	—	—
<b>Subtotal lime, cement and glass</b>	<b>402</b>	<b>347</b>	<b>2</b>	<b>54</b>	<b>—</b>
5220 cement & concrete	359	305	—	54	—
5240 glass & glass prod.	19	19	1	—	—

COLUMBIA RIVER SYSTEM  
Freight Traffic, 2010 - continued  
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
5290 misc. mineral prod.	24	23	1	—	—
<b>Subtotal primary iron and steel products</b>	<b>1,451</b>	<b>1,414</b>	<b>38</b>	—	—
5312 pig iron	1	1	0	—	—
5315 ferro alloys	11	11	—	—	—
5320 i&s primary forms	1,075	1,043	33	—	—
5330 i&s plates & sheets	267	266	0	—	—
5360 i&s bars & shapes	12	8	4	—	—
5370 i&s pipe & tube	53	53	0	—	—
5390 primary i&s nec	32	32	0	—	—
<b>Subtotal primary non-ferrous metal products</b>	<b>188</b>	<b>97</b>	<b>90</b>	—	—
5421 copper	15	1	14	—	—
5422 aluminum	9	9	0	—	—
5429 smelted prod. nec	37	1	36	—	—
5480 fab. metal products	127	86	41	—	—
<b>Subtotal primary wood products</b>	<b>32</b>	<b>29</b>	<b>3</b>	—	—
5540 primar wood prod.	32	29	3	—	—
<b>Total food and farm products</b>	<b>24,332</b>	<b>92</b>	<b>24,226</b>	<b>14</b>	—
<b>Subtotal fish</b>	<b>8</b>	<b>3</b>	<b>6</b>	—	—
6134 fish (not shellfish)	6	1	5	—	—
6136 shellfish	2	1	0	—	—
<b>Subtotal grain</b>	<b>15,635</b>	<b>5</b>	<b>15,630</b>	—	—
6241 wheat	12,476	4	12,473	—	—
6344 corn	3,120	1	3,120	—	—
6442 rice	1	1	—	—	—
6443 barley & rye	10	—	10	—	—
6445 oats	0	0	0	—	—
6447 sorghum grains	27	—	27	—	—
<b>Subtotal oilseeds</b>	<b>7,629</b>	<b>8</b>	<b>7,621</b>	—	—
6521 peanuts	0	—	0	—	—
6522 soybeans	7,074	5	7,069	—	—
6534 flaxseed	0	0	—	—	—
6590 oilseeds nec	555	2	552	—	—
<b>Subtotal vegetable products</b>	<b>222</b>	<b>22</b>	<b>200</b>	—	—
6653 vegetable oils	2	2	—	—	—
6654 vegetables & prod.	220	20	200	—	—
<b>Subtotal processed grain and animal feed</b>	<b>640</b>	<b>1</b>	<b>625</b>	<b>14</b>	—
6746 wheat flour	0	0	0	—	—
6747 grain mill products	29	0	15	14	—
6781 hay & fodder	199	0	199	—	—
6782 animal feed, prep.	412	0	412	—	—
<b>Subtotal other agricultural products</b>	<b>199</b>	<b>54</b>	<b>145</b>	—	—
6811 meat, fresh, frozen	0	0	0	—	—
6817 meat, prepared	0	—	0	—	—
6822 dairy products	18	0	18	—	—
6835 fish, prepared	1	1	0	—	—
6839 animals & prod. nec	14	0	13	—	—
6857 fruit & nuts nec	25	4	20	—	—
6858 fruit juices	20	15	5	—	—
6861 sugar	2	2	—	—	—
6865 molasses	0	0	—	—	—
6871 coffee	9	9	0	—	—
6872 cocoa beans	0	0	—	—	—
6885 alcoholic beverages	14	14	0	—	—
6888 water & ice	1	1	—	—	—
6889 food products nec	13	6	7	—	—
6891 tobacco & products	0	0	—	—	—
6893 cotton	0	0	0	—	—
6894 natural fibers nec	4	1	3	—	—
6899 farm products nec	78	0	78	—	—
<b>Total all manufactured equipment, machinery and products</b>	<b>861</b>	<b>827</b>	<b>34</b>	<b>0</b>	—
7110 machinery (not elec)	54	43	11	0	—
7120 electrical machinery	39	37	2	—	—
7210 vehicles & parts	537	527	9	0	—
7220 aircraft & parts	0	0	0	—	—
7230 ships & boats	1	0	0	0	—
7300 ordnance & access.	0	0	0	—	—
7400 manufac. wood prod.	13	11	2	—	—
7500 textile products	27	23	3	—	—
7600 rubber & plastic pr.	59	58	1	—	—
7900 manufac. prod. nec	131	127	5	0	—
<b>Total unknown or not elsewhere classified</b>	<b>43</b>	<b>13</b>	<b>30</b>	<b>0</b>	—
9900 unknown or nec	43	13	30	0	—
<b>Ton-miles (x1000)</b>	<b>1,977,899</b>	<b>186,066</b>	<b>1,773,035</b>	<b>13,537</b>	<b>5,261</b>
<b>Foreign &amp; Canadian</b>					

Commodity	Total	Domestic			
		Coastwise		Internal	
		Receipts	Shipments	Intra	
				Upbound	Downbnd
<b>Total, all commodities</b>	<b>13,588</b>	<b>2,876</b>	<b>412</b>	<b>7,235</b>	<b>3,065</b>
<b>Total petroleum and petroleum products</b>	<b>4,155</b>	<b>2,379</b>	<b>26</b>	<b>1,728</b>	<b>22</b>
<b>Subtotal petroleum products</b>	<b>4,155</b>	<b>2,379</b>	<b>26</b>	<b>1,728</b>	<b>22</b>
2211 gasoline	2,344	1,565	20	749	9

COLUMBIA RIVER SYSTEM  
Freight Traffic, 2010 - continued  
(thousand short tons)

Commodity	Total	Domestic			
		Coastwise		Internal	
		Receipts	Shipments	Intra	
				Upbound	Downbnd
2221 kerosene	10	—	—	9	1
2330 distillate fuel oil	771	544	—	224	3
2340 residual fuel oil	900	140	6	746	8
2350 lube oil & greases	127	127	—	—	—
2429 naphtha & solvents	2	2	—	—	—
<b>Total chemicals and related products</b>	<b>119</b>	<b>—</b>	<b>1</b>	<b>118</b>	<b>—</b>
<b>Subtotal fertilizers</b>	<b>52</b>	<b>—</b>	<b>—</b>	<b>52</b>	<b>—</b>
3110 nitrogenous fert.	52	—	—	52	—
<b>Subtotal other chemicals and related products</b>	<b>67</b>	<b>—</b>	<b>1</b>	<b>66</b>	<b>—</b>
3220 alcohols	66	—	—	66	—
3286 plastics	1	—	1	—	—
<b>Total crude materials, inedible except fuels</b>	<b>4,479</b>	<b>498</b>	<b>340</b>	<b>2,291</b>	<b>1,350</b>
<b>Subtotal forest products, wood and chips</b>	<b>2,019</b>	<b>498</b>	<b>338</b>	<b>279</b>	<b>904</b>
4150 fuel wood	22	—	—	21	1
4161 wood chips	1,278	393	—	240	646
4170 wood in the rough	383	105	2	18	257
4189 lumber	336	—	336	0	0
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>2,354</b>	<b>—</b>	<b>2</b>	<b>1,907</b>	<b>445</b>
4331 sand & gravel	2,354	—	2	1,907	445
<b>Subtotal iron ore and scrap</b>	<b>106</b>	<b>—</b>	<b>—</b>	<b>106</b>	<b>—</b>
4420 iron & steel scrap	106	—	—	106	—
<b>Subtotal sulphur, clay and salt</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>0</b>	<b>—</b>
4782 clav & refrac. mat.	0	—	—	0	—
<b>Total primary manufactured goods</b>	<b>50</b>	<b>—</b>	<b>43</b>	<b>7</b>	<b>0</b>
<b>Subtotal paper products</b>	<b>10</b>	<b>—</b>	<b>3</b>	<b>7</b>	<b>—</b>
5120 paper & paperboard	6	—	—	6	—
5190 paper products nec	4	—	3	1	—
<b>Subtotal lime, cement and glass</b>	<b>0</b>	<b>—</b>	<b>0</b>	<b>—</b>	<b>—</b>
5290 misc. mineral prod.	0	—	0	—	—
<b>Subtotal primary iron and steel products</b>	<b>11</b>	<b>—</b>	<b>10</b>	<b>0</b>	<b>0</b>
5360 i&s bars & shapes	11	—	10	0	0
<b>Subtotal primary non-ferrous metal products</b>	<b>8</b>	<b>—</b>	<b>8</b>	<b>—</b>	<b>—</b>
5480 fab. metal products	8	—	8	—	—
<b>Subtotal primary wood products</b>	<b>21</b>	<b>—</b>	<b>21</b>	<b>—</b>	<b>—</b>
5540 primar wood prod.	21	—	21	—	—
<b>Total food and farm products</b>	<b>4,543</b>	<b>—</b>	<b>—</b>	<b>2,849</b>	<b>1,694</b>
<b>Subtotal grain</b>	<b>4,449</b>	<b>—</b>	<b>—</b>	<b>2,755</b>	<b>1,694</b>
6241 wheat	4,433	—	—	2,745	1,689
6344 corn	5	—	—	—	5
6443 barley & rye	11	—	—	11	—
<b>Subtotal vegetable products</b>	<b>82</b>	<b>—</b>	<b>—</b>	<b>82</b>	<b>—</b>
6654 vegetables & prod.	82	—	—	82	—
<b>Subtotal processed grain and animal feed</b>	<b>12</b>	<b>—</b>	<b>—</b>	<b>12</b>	<b>—</b>
6781 hav & fodder	12	—	—	12	—
<b>Total all manufactured equipment, machinery and products</b>	<b>34</b>	<b>—</b>	<b>1</b>	<b>32</b>	<b>0</b>
7110 machinery (not elec)	6	—	1	5	0
7210 vehicles & parts	0	—	0	—	—
7230 ships & boats	0	—	0	—	—
7900 manufac. prod. nec	28	—	0	28	—
<b>Total waste and scrap nec</b>	<b>209</b>	<b>—</b>	<b>—</b>	<b>209</b>	<b>—</b>
8900 waste and scrap nec	209	—	—	209	—
<b>Ton-miles (x1000)</b>	<b>624,861</b>	<b>62,964</b>	<b>27,107</b>	<b>352,339</b>	<b>182,451</b>
<b>Domestic</b>					
Tons All Traffic (x1000)	55,045				
Ton-miles All Traffic (x1000)	2,602,760				
Total Trip-ton-miles Internal and Intraport (x1000)	1,958,004				

Other Harbors and Waterways 2010

Harbor or Waterway Project	Commodity	Thousand Short Tons
ALSEA BAY AND RIVER, OR	No Commerce Reported	
CHETCO RIVER, OR	No Commerce Reported	
CHINOOK CHANNEL, WA	No Commerce Reported	
CLATSCHANIE RIVER, OR	No Commerce Reported	
COLUMBIA RIVER AT BAKERS BAY, WA	No Commerce Reported	
COLUMBIA SLOUGH, OR	No Commerce Reported	
COOS AND MILLICOMA RIVERS, OR	No Commerce Reported	
COQUILLE RIVER, OR	No Commerce Reported	
COWLITZ RIVER, WA	No Commerce Reported	
DEEP RIVER, WA	No Commerce Reported	
DEPOE BAY, OR	No Commerce Reported	
ELOKOMIN SLOUGH, WA	No Commerce Reported	
GRAYS RIVER, WA	No Commerce Reported	
LAKE RIVER, WA	No Commerce Reported	
LEWIS RIVER, WA	No Commerce Reported	
PORT OF ASTORIA, OR	4161 wood chips 4170 wood in the rough 6134 fish (not shellfish)	16 8 1
	<b>Total Tons(x1000)</b>	<b>25</b>
PORt OF ST. HELENS, OR	No Commerce Reported	
PORT ORFORD, OR	No Commerce Reported	
ROGUE RIVER, OR	No Commerce Reported	
SIUSLAW RIVER, OR	No Commerce Reported	
SKAMOKAWA (STEAMBOAT) SLOUGH, WA	No Commerce Reported	
SKAMOKAWA CREEK, WA	No Commerce Reported	
SKIPANON CHANNEL, OR	4161 wood chips	5
	<b>Total Tons(x1000)</b>	<b>5</b>
	<b>Total Ton-miles(x1000)</b>	<b>6</b>
	<b>Total Trip-ton-miles Internal and Intraport (x1000)</b>	<b>848</b>
SMITH RIVER, OR	No Commerce Reported	
TILLAMOOK BAY AND BAR, OR	No Commerce Reported	
UMPQUA RIVER, OR	No Commerce Reported	
WESTPORT SLOUGH, OR	No Commerce Reported	
YAQUINA BAY AND HARBOR, OR	6134 fish (not shellfish)	0
	<b>Total Tons(x1000)</b>	<b>0</b>
	<b>Total Ton-miles(x1000)</b>	<b>0</b>
YAQUINA RIVER, OR	No Commerce Reported	
YOUNGS BAY AND YOUNGS RIVER, OR	No Commerce Reported	

GRAYS HARBOR AND CHEHALIS RIVER, WA

Section Included: Grays Harbor bar channel and Chehalis River to Cosmopolis and extending to Simpson Avenue bridge on the Hoquiam River and the Schafer Bros. wharf at Montesano on the Chehalis River. Controlling Depth: Bar channel, 37.1 feet; 25.5 feet from deep water in Lower Harbor to Upper Cross-Over; 27.0 feet from Upper Cross-Over to Cow Point; 25.6 feet from Cow Point to Cosmopolis; turning basin just downstream of Cow Point, 29.0 feet; turning basin near Elliott Slough, 25.5 feet. 5.5 feet from Cosmopolis to Montesano; Bay City channel, 9.1 feet; Westhaven Channel, 13.9 feet north entrance, 13.0 feet south entrance. Project Depth: 30 feet extending through the bar channel to Cosmopolis; Bay 16 feet to Montesano; Bay City channel, 14 feet; Westhaven channel, 16 feet. All depths refer to mllw.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	1,326	2004	1,654	2007	1,245	2010	1,680
2002	1,666	2005	1,670	2008	1,678		
2003	1,537	2006	1,281	2009	1,162		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic Coastwise Shipments
		Inbound	Outbound	Inbound	Outbound	
<b>Total, all commodities</b>	<b>1,680</b>	<b>15</b>	<b>1,369</b>	<b>1</b>	<b>24</b>	<b>271</b>
<b>Total chemicals and related products</b>	<b>15</b>	<b>15</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>Subtotal other chemicals and related products</b>	<b>15</b>	<b>15</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
3220 alcohols	15	15	—	—	—	—
<b>Total crude materials, inedible except fuels</b>	<b>531</b>	<b>0</b>	<b>236</b>	<b>—</b>	<b>24</b>	<b>271</b>
<b>Subtotal forest products, wood and chips</b>	<b>531</b>	<b>—</b>	<b>236</b>	<b>—</b>	<b>24</b>	<b>271</b>
4161 wood chips	295	—	—	—	24	271
4170 wood in the rough	205	—	205	—	—	—
4189 lumber	31	—	31	—	—	—
<b>Subtotal marine shells</b>	<b>0</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
4515 marine shells	0	0	—	—	—	—
<b>Total primary manufactured goods</b>	<b>5</b>	<b>—</b>	<b>5</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>Subtotal paper products</b>	<b>5</b>	<b>—</b>	<b>5</b>	<b>—</b>	<b>—</b>	<b>—</b>
5120 paper & paperboard	5	—	5	—	—	—
<b>Subtotal primary non-ferrous metal products</b>	<b>0</b>	<b>—</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>—</b>
5480 fab. metal products	0	—	0	—	—	—
<b>Total food and farm products</b>	<b>1,095</b>	<b>—</b>	<b>1,094</b>	<b>1</b>	<b>—</b>	<b>—</b>
<b>Subtotal fish</b>	<b>1</b>	<b>—</b>	<b>—</b>	<b>1</b>	<b>—</b>	<b>—</b>
6134 fish (not shellfish)	1	—	—	1	—	—
<b>Subtotal grain</b>	<b>52</b>	<b>—</b>	<b>52</b>	<b>—</b>	<b>—</b>	<b>—</b>
6344 corn	52	—	52	—	—	—
<b>Subtotal oilseeds</b>	<b>144</b>	<b>—</b>	<b>144</b>	<b>—</b>	<b>—</b>	<b>—</b>
6590 oilseeds nec	144	—	144	—	—	—
<b>Subtotal processed grain and animal feed</b>	<b>898</b>	<b>—</b>	<b>898</b>	<b>—</b>	<b>—</b>	<b>—</b>
6782 animal feed, prep.	898	—	898	—	—	—
<b>Subtotal other agricultural products</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>0</b>	<b>—</b>	<b>—</b>
6835 fish, prepared	0	—	—	0	—	—
<b>Total all manufactured equipment, machinery and products</b>	<b>32</b>	<b>0</b>	<b>32</b>	<b>—</b>	<b>—</b>	<b>—</b>
7110 machinery (not elec)	2	0	2	—	—	—
7120 electrical machinery	0	—	0	—	—	—
7210 vehicles & parts	29	0	29	—	—	—
7220 aircraft & parts	0	0	0	—	—	—
7230 ships & boats	0	—	0	—	—	—
7500 textile products	0	—	0	—	—	—
7600 rubber & plastic pr.	0	—	0	—	—	—
7900 manufac. prod. nec	1	0	0	—	—	—
<b>Total unknown or not elsewhere classified</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>—</b>	<b>—</b>	<b>—</b>
9900 unknown or nec	2	0	2	—	—	—

PORT ANGELES HARBOR, WA

Section Included: Entire harbor from Rayonier, Inc. Wharf westward. Controlling Depth: Unlimited except for 25 feet near Rayonier, Inc. Wharf. All depths refer to mllw.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	2,154	2004	1,617	2007	1,906	2010	720
2002	1,674	2005	1,853	2008	1,245		
2003	1,812	2006	1,196	2009	649		

Freight Traffic, 2010 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
<b>Total, all commodities</b>	<b>239</b>	<b>13</b>	<b>84</b>	<b>142</b>	<b>—</b>
<b>Total petroleum and petroleum products</b>	<b>13</b>	<b>13</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>Subtotal petroleum products</b>	<b>13</b>	<b>13</b>	<b>—</b>	<b>—</b>	<b>—</b>
2211 gasoline	13	13	—	—	—
<b>Total chemicals and related products</b>	<b>1</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>1</b>
<b>Subtotal other chemicals and related products</b>	<b>1</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>1</b>
3240 nitrogen func. comp.	1	—	—	—	1
<b>Total crude materials, inedible except fuels</b>	<b>225</b>	<b>—</b>	<b>84</b>	<b>141</b>	<b>—</b>
<b>Subtotal forest products, wood and chips</b>	<b>149</b>	<b>—</b>	<b>84</b>	<b>65</b>	<b>—</b>
4170 wood in the rough	149	—	84	65	—
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>76</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>76</b>
4331 sand & gravel	76	—	—	—	76
<b>Total primary manufactured goods</b>	<b>0</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>Subtotal paper products</b>	<b>0</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>—</b>
5190 paper products nec	0	0	—	—	—

PORT ANGELES HARBOR, WA  
Freight Traffic, 2010 - continued  
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Inbound
<b>Total unknown or not elsewhere classified</b>	<b>0</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>—</b>
9900 unknown or nec	0	0	—	—	—

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
<b>Total, all commodities</b>	<b>481</b>	<b>97</b>	<b>74</b>	<b>146</b>	<b>160</b>	<b>4</b>
<b>Total petroleum and petroleum products</b>	<b>365</b>	<b>88</b>	<b>74</b>	<b>142</b>	<b>57</b>	<b>4</b>
<b>Subtotal crude petroleum</b>	<b>18</b>	<b>18</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
2100 crude petroleum	18	18	—	—	—	—
<b>Subtotal petroleum products</b>	<b>347</b>	<b>70</b>	<b>74</b>	<b>142</b>	<b>57</b>	<b>4</b>
2211 gasoline	63	—	63	—	—	—
2330 distillate fuel oil	55	43	11	2	—	—
2340 residual fuel oil	220	19	—	140	57	4
2350 lube oil & greases	0	—	—	0	—	—
2429 naptha & solvents	8	8	—	—	—	—
<b>Total chemicals and related products</b>	<b>9</b>	<b>9</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>Subtotal other chemicals and related products</b>	<b>9</b>	<b>9</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
3219 other hydrocarbons	9	9	—	—	—	—
<b>Total crude materials, inedible except fuels</b>	<b>107</b>	<b>—</b>	<b>—</b>	<b>4</b>	<b>103</b>	<b>—</b>
<b>Subtotal forest products, wood and chips</b>	<b>107</b>	<b>—</b>	<b>—</b>	<b>4</b>	<b>103</b>	<b>—</b>
4161 wood chips	2	—	—	—	2	—
4170 wood in the rough	105	—	—	4	101	—

HAMMERSLEY INLET, WA

Section Included: Inlet connecting Puget Sound with Shelton Harbor, a distance of about 7 miles. Controlling Depth: 8.8 feet. Project Depth: 13 feet. All depths refer to mllw.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	554	2004	499	2007	364	<b>2010</b>	<b>420</b>
2002	588	2005	490	2008	450		
2003	442	2006	474	2009	476		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Internal			
		Inbound	Outbound	Upbound	Downbnd
<b>Total, all commodities</b>	<b>420</b>	<b>108</b>	<b>312</b>		
<b>Total crude materials, inedible except fuels</b>	<b>420</b>	<b>108</b>	<b>312</b>		
<b>Subtotal forest products, wood and chips</b>	<b>237</b>	<b>108</b>	<b>128</b>		
4161 wood chips	61	—	61		
4170 wood in the rough	176	108	67		
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>184</b>	<b>—</b>	<b>184</b>		
4331 sand & gravel	184	—	184		
<b>Ton-miles (x1000)</b>	<b>4,205</b>	<b>1,085</b>	<b>3,120</b>		
<b>Tons All Traffic (x1000)</b>	<b>420</b>				
<b>Ton-miles All Traffic (x1000)</b>	<b>4,205</b>				
<b>Total Trip-ton-miles Internal and Intraport (x1000)</b>	<b>17,039</b>				

OLYMPIA HARBOR, WA

Section Included: That portion of Budd Inlet south and west of Priest Point and generally within the city limits of Olympia. Controlling Depth: 29.4 feet in outer channel, 29.4 feet in entrance channel and 27.7 feet in turning basin. Project Depth: 30 feet. All depths refer to mllw.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	1,326	2004	1,701	2007	950	<b>2010</b>	<b>1,269</b>
2002	1,440	2005	1,460	2008	1,026		
2003	1,419	2006	982	2009	995		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic			
		Inbound	Outbound	Inbound		Total	Internal		
						Receipts	Shipments	Intraport	
<b>Total, all commodities</b>	<b>1,269</b>	<b>4</b>	<b>582</b>	<b>67</b>		<b>617</b>	<b>276</b>	<b>129</b>	<b>211</b>
<b>Total petroleum and petroleum products</b>	<b>1</b>	<b>—</b>	<b>—</b>	<b>—</b>		<b>1</b>	<b>1</b>	<b>—</b>	<b>—</b>
<b>Subtotal petroleum products</b>	<b>1</b>	<b>—</b>	<b>—</b>	<b>—</b>		<b>1</b>	<b>1</b>	<b>—</b>	<b>—</b>
2340 residual fuel oil	1	—	—	—		1	1	—	—
<b>Total crude materials, inedible except fuels</b>	<b>1,265</b>	<b>—</b>	<b>582</b>	<b>67</b>		<b>616</b>	<b>276</b>	<b>129</b>	<b>211</b>
<b>Tons All Traffic (x1000)</b>	<b>1,269</b>								
<b>Ton-miles All Traffic (x1000)</b>	<b>4,205</b>								
<b>Total Trip-ton-miles Internal and Intraport (x1000)</b>	<b>17,039</b>								

OLYMPIA HARBOR, WA  
Freight Traffic, 2010 - continued  
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian Inbound	Domestic		
		Inbound	Outbound		Total	Receipts	Shipments
							Intraport
<b>Subtotal forest products, wood and chips</b>	<b>1,265</b>	—	<b>582</b>	<b>67</b>	<b>616</b>	<b>276</b>	<b>129</b>
4170 wood in the rough	1,238	—	555	67	616	276	129
4189 lumber	27	—	27	—	—	—	211
<b>Total primary manufactured goods</b>	<b>0</b>	—	<b>0</b>	—	—	—	—
<b>Subtotal primary non-ferrous metal products</b>	<b>0</b>	—	<b>0</b>	—	—	—	—
5480 fab. metal products	0	—	0	—	—	—	—
<b>Total all manufactured equipment, machinery and products</b>	<b>4</b>	<b>4</b>	<b>0</b>	—	—	—	—
7110 machinery (not elec)	0	—	0	—	—	—	—
7600 rubber & plastic pr.	4	4	0	—	—	—	—

TACOMA HARBOR, WA

Section Included: All of Commencement Bay and tributary waterways east of a line extending from Brown Point to and including the wharves of the Tacoma Smelter. Controlling Depth: City Waterway, 28.9 to 16.2 feet; Hylebos Waterway, 23.4 feet; least depth in turning basin 27.1 feet; Blair (Port Industrial Waterway), 32.8 feet. Project Depth: City Waterway, 29 to 19 feet; Hylebos Waterway, 30 feet; Blair (Port Industrial Waterway), 30 to 35 feet. All depths refer to mllw.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	20,523	2004	26,377	2007	26,944	<b>2010</b>	<b>22,399</b>
2002	20,587	2005	28,289	2008	27,166		
2003	22,966	2006	26,033	2009	23,165		

Freight Traffic, 2010 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
<b>Total, all commodities</b>	<b>17,045</b>	<b>3,836</b>	<b>11,772</b>	<b>1,025</b>	<b>412</b>
<b>Total coal</b>	<b>25</b>	<b>0</b>	<b>0</b>	<b>24</b>	<b>—</b>
1100 coal & lignite	25	0	0	24	—
<b>Total petroleum and petroleum products</b>	<b>586</b>	<b>89</b>	<b>9</b>	<b>409</b>	<b>80</b>
<b>Subtotal crude petroleum</b>	<b>245</b>	—	—	<b>245</b>	—
2100 crude petroleum	245	—	—	245	—
<b>Subtotal petroleum products</b>	<b>341</b>	<b>89</b>	<b>9</b>	<b>164</b>	<b>80</b>
2211 gasoline	241	66	0	140	35
2330 distillate fuel oil	75	22	7	16	30
2340 residual fuel oil	3	—	0	3	—
2350 lube oil & greases	5	—	0	5	—
2410 petro. jelly & waxes	1	0	0	—	—
2429 naphtha & solvents	15	0	0	—	15
2430 asphalt, tar & pitch	0	—	0	—	—
2540 petroleum coke	0	0	0	—	—
2640 hydrocarbon & petrol gases, liquefied and gaseous	1	0	1	—	—
<b>Total chemicals and related products</b>	<b>651</b>	<b>249</b>	<b>174</b>	—	<b>228</b>
<b>Subtotal fertilizers</b>	<b>4</b>	<b>2</b>	<b>2</b>	—	—
3110 nitrogenous fert.	1	1	—	—	—
3120 phosphatic fert.	1	—	1	—	—
3130 potassic fert.	0	0	—	—	—
3190 fert. & mixes nec	2	1	1	—	—
<b>Subtotal other chemicals and related products</b>	<b>647</b>	<b>247</b>	<b>172</b>	—	<b>228</b>
3211 acyclic hydrocarbons	0	0	—	—	—
3212 benzene & toluene	0	0	—	—	—
3219 other hydrocarbons	5	5	0	—	—
3220 alcohols	4	3	1	—	—
3230 carboxylic acids	14	7	7	—	—
3240 nitrogen func. comp.	17	7	10	—	—
3250 organo - inorg. comp.	9	8	0	—	—
3260 organic comp. nec	16	15	1	—	—
3272 sulphuric acid	2	2	0	—	—
3273 ammonia	1	1	—	—	—
3274 sodium hydroxide	2	1	1	—	—
3275 inorg. elem., oxides, & halogen salts	47	10	37	—	—
3276 metallic salts	30	12	8	—	10
3279 inorganic chem. nec	10	6	4	—	—
3281 radioactive material	0	0	0	—	—
3282 pigments & paints	14	12	2	—	—
3283 coloring mat. nec	5	3	1	—	—
3284 medicines	21	8	13	—	—
3285 perfumes & cleansers	21	15	6	—	—
3286 plastics	167	104	63	—	—
3291 pesticides	6	6	0	—	—
3292 starches, gluten, glue	14	5	9	—	—
3293 explosives	1	1	0	—	—
3297 chemical additives	6	5	1	—	—
3298 wood & resin chem.	0	0	—	—	—
3299 chem. products nec	235	10	7	—	219
<b>Total crude materials, inedible except fuels</b>	<b>3,468</b>	<b>201</b>	<b>2,653</b>	<b>589</b>	<b>25</b>
<b>Subtotal forest products, wood and chips</b>	<b>1,154</b>	<b>24</b>	<b>1,130</b>	—	—
4110 rubber & gums	1	1	0	—	—
4150 fuel wood	0	0	—	—	—

TACOMA HARBOR, WA  
Freight Traffic, 2010 - continued  
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
4161 wood chips	0	0	0	—	—
4170 wood in the rough	749	1	748	—	—
4189 lumber	401	20	381	—	—
4190 forest products nec	2	2	1	—	—
<b>Subtotal pulp and waste paper</b>	<b>422</b>	<b>2</b>	<b>415</b>	—	<b>5</b>
4225 pulp & waste paper	422	2	415	—	5
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>407</b>	<b>151</b>	<b>2</b>	<b>235</b>	<b>20</b>
4310 building stone	4	4	0	—	—
4322 limestone	228	0	—	228	—
4323 gypsum	145	145	—	—	—
4331 sand & gravel	29	1	2	6	20
<b>Subtotal iron ore and scrap</b>	<b>1,344</b>	<b>13</b>	<b>984</b>	<b>347</b>	—
4410 iron ore	0	0	—	—	—
4420 iron & steel scrap	1,344	13	984	347	—
<b>Subtotal marine shells</b>	<b>0</b>	<b>0</b>	—	—	—
4515 marine shells	0	0	—	—	—
<b>Subtotal non-ferrous ores and scrap</b>	<b>50</b>	<b>5</b>	<b>37</b>	<b>8</b>	—
4650 aluminum ore	5	5	0	—	—
4670 manganese ore	0	—	0	—	—
4680 non-ferrous scrap	40	0	32	8	—
4690 non-ferrous ores nec	4	1	4	—	—
<b>Subtotal sulphur, clay and salt</b>	<b>71</b>	<b>1</b>	<b>70</b>	—	—
4741 sulphur, (dry)	0	—	0	—	—
4782 clay & refrac. mat.	71	1	70	—	—
<b>Subtotal slag</b>	<b>0</b>	<b>0</b>	—	—	—
4860 slag	0	0	—	—	—
<b>Subtotal other non-metal. min.</b>	<b>19</b>	<b>4</b>	<b>15</b>	—	—
4900 non-metal. min. nec	19	4	15	—	—
<b>Total primary manufactured goods</b>	<b>1,153</b>	<b>725</b>	<b>425</b>	<b>2</b>	—
<b>Subtotal paper products</b>	<b>367</b>	<b>76</b>	<b>291</b>	—	—
5110 newsprint	6	0	6	—	—
5120 paper & paperboard	298	38	260	—	—
5190 paper products nec	62	38	24	—	—
<b>Subtotal lime, cement and glass</b>	<b>153</b>	<b>132</b>	<b>21</b>	—	—
5220 cement & concrete	1	0	0	—	—
5240 glass & glass prod.	64	49	15	—	—
5290 misc. mineral prod.	88	83	5	—	—
<b>Subtotal primary iron and steel products</b>	<b>76</b>	<b>55</b>	<b>21</b>	—	—
5312 pig iron	3	3	1	—	—
5315 ferro alloys	11	0	11	—	—
5320 i&s primary forms	11	4	7	—	—
5330 i&s plates & sheets	4	4	0	—	—
5360 i&s bars & shapes	12	11	1	—	—
5370 i&s pipe & tube	24	24	0	—	—
5390 primary i&s nec	10	10	1	—	—
<b>Subtotal primary non-ferrous metal products</b>	<b>517</b>	<b>429</b>	<b>87</b>	<b>2</b>	—
5421 copper	7	6	2	—	—
5422 aluminum	30	27	3	—	—
5429 smelted prod. nec	70	4	64	2	—
5480 fab. metal products	411	392	18	—	—
<b>Subtotal primary wood products</b>	<b>40</b>	<b>33</b>	<b>7</b>	—	—
5540 primary wood prod.	40	33	7	—	—
<b>Total food and farm products</b>	<b>8,449</b>	<b>125</b>	<b>8,261</b>	—	<b>64</b>
<b>Subtotal fish</b>	<b>35</b>	<b>21</b>	<b>14</b>	—	<b>0</b>
6134 fish (not shellfish)	28	15	12	—	—
6136 shellfish	7	6	2	—	0
<b>Subtotal grain</b>	<b>4,856</b>	<b>3</b>	<b>4,790</b>	—	<b>64</b>
6241 wheat	47	—	47	—	—
6344 corn	4,784	0	4,721	—	64
6442 rice	8	3	6	—	—
6443 barley & rye	6	—	6	—	—
6445 oats	0	—	0	—	—
6447 sorghum grains	10	—	10	—	—
<b>Subtotal oilseeds</b>	<b>1,523</b>	<b>6</b>	<b>1,517</b>	—	—
6521 peanuts	0	0	0	—	—
6522 soybeans	1,501	4	1,497	—	—
6534 flaxseed	0	—	0	—	—
6590 oilseeds nec	21	1	20	—	—
<b>Subtotal vegetable products</b>	<b>408</b>	<b>20</b>	<b>389</b>	—	—
6653 vegetable oils	4	2	1	—	—
6654 vegetables & prod.	405	17	387	—	—
<b>Subtotal processed grain and animal feed</b>	<b>952</b>	<b>6</b>	<b>947</b>	—	—
6746 wheat flour	3	0	3	—	—
6747 grain mill products	37	1	36	—	—
6781 hay & fodder	737	0	736	—	—
6782 animal feed, prep.	176	4	172	—	—
<b>Subtotal other agricultural products</b>	<b>674</b>	<b>70</b>	<b>604</b>	—	<b>0</b>
6811 meat, fresh, frozen	151	0	151	—	0
6817 meat, prepared	5	0	5	—	—
6822 dairy products	66	0	66	—	—
6835 fish, prepared	4	3	1	—	—
6838 tallow, animal oils	42	0	42	—	—
6839 animals & prod. nec	40	2	39	—	—
6856 bananas & plantains	0	0	0	—	—
6857 fruit & nuts nec	63	9	54	—	—
6858 fruit juices	29	21	8	—	—
6861 sugar	0	0	0	—	—

TACOMA HARBOR, WA  
Freight Traffic, 2010 - continued  
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
6865 molasses	4	4	0	—	—
6871 coffee	71	1	70	—	—
6872 cocoa beans	0	0	—	—	—
6885 alcoholic beverages	9	5	4	—	—
6888 water & ice	2	0	2	—	—
6889 food products nec	121	20	100	—	—
6891 tobacco & products	0	0	—	—	—
6893 cotton	1	1	—	—	—
6894 natural fibers nec	3	1	1	—	—
6899 farm products nec	62	1	61	—	—
<b>Total all manufactured equipment, machinery and products</b>	<b>2,516</b>	<b>2,348</b>	<b>162</b>	<b>0</b>	<b>5</b>
7110 machinery (not elec)	325	291	34	0	0
7120 electrical machinery	289	278	11	—	—
7210 vehicles & parts	530	509	20	0	0
7220 aircraft & parts	4	1	2	—	—
7230 ships & boats	2	2	0	—	—
7300 ordnance & access.	1	0	0	—	—
7400 manufac. wood prod.	45	35	11	—	—
7500 textile products	204	193	6	—	5
7600 rubber & plastic pr.	240	211	30	—	—
7900 manufac. prod. nec	876	829	47	0	—
<b>Total unknown or not elsewhere classified</b>	<b>198</b>	<b>100</b>	<b>88</b>	<b>0</b>	<b>10</b>
9900 unknown or nec	198	100	88	0	10

Commodity	Total	Domestic			
		Coastwise		Internal	
		Receipts	Shipments	Receipts	Shipments
<b>Total, all commodities</b>	<b>5,354</b>	<b>1,699</b>	<b>1,810</b>	<b>1,298</b>	<b>355</b>
<b>Total petroleum and petroleum products</b>	<b>3,042</b>	<b>1,469</b>	<b>359</b>	<b>917</b>	<b>131</b>
<b>Subtotal crude petroleum</b>	<b>1,353</b>	<b>1,353</b>	<b>—</b>	<b>—</b>	<b>—</b>
2100 crude petroleum	1,353	1,353	—	—	—
<b>Subtotal petroleum products</b>	<b>1,689</b>	<b>116</b>	<b>359</b>	<b>917</b>	<b>131</b>
2211 gasoline	592	93	35	453	7
2330 distillate fuel oil	564	—	291	225	49
2340 residual fuel oil	504	17	11	239	75
2350 lube oil & greases	28	6	22	0	—
2640 hydrocarbon & petrol gases, liquefied and gaseous	0	—	0	—	—
2990 petro. products nec	0	—	0	—	—
<b>Total chemicals and related products</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>—</b>	<b>—</b>
<b>Subtotal other chemicals and related products</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>—</b>	<b>—</b>
3212 benzene & toluene	0	—	0	—	—
3220 alcohols	0	—	0	—	—
3230 carboxylic acids	0	—	0	—	—
3260 organic comp. nec	0	0	0	—	—
3275 inorg. elem., oxides, & halogen salts	0	—	0	—	—
3282 pigments & paints	0	—	0	—	—
3284 medicines	0	0	0	—	—
3285 perfumes & cleansers	0	—	0	—	—
3286 plastics	0	—	0	—	—
3291 pesticides	0	—	0	—	—
3299 chem. products nec	0	—	0	—	—
<b>Total crude materials, inedible except fuels</b>	<b>640</b>	<b>0</b>	<b>31</b>	<b>370</b>	<b>216</b>
<b>Subtotal forest products, wood and chips</b>	<b>409</b>	<b>0</b>	<b>31</b>	<b>278</b>	<b>99</b>
4161 wood chips	61	—	—	61	—
4170 wood in the rough	316	—	—	216	99
4189 lumber	32	0	31	0	0
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>228</b>	<b>—</b>	<b>—</b>	<b>91</b>	<b>115</b>
4331 sand & gravel	228	—	—	91	115
<b>Subtotal iron ore and scrap</b>	<b>3</b>	<b>—</b>	<b>—</b>	<b>2</b>	<b>2</b>
4420 iron & steel scrap	3	—	—	2	2
<b>Total primary manufactured goods</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Subtotal paper products</b>	<b>0</b>	<b>—</b>	<b>0</b>	<b>—</b>	<b>—</b>
5190 paper products nec	0	—	0	—	—
<b>Subtotal lime, cement and glass</b>	<b>3</b>	<b>—</b>	<b>0</b>	<b>0</b>	<b>0</b>
5290 misc. mineral prod.	3	—	0	0	0
<b>Subtotal primary non-ferrous metal products</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
5422 aluminum	0	—	0	—	—
5480 fab. metal products	1	0	0	0	0
<b>Total food and farm products</b>	<b>278</b>	<b>16</b>	<b>262</b>	<b>—</b>	<b>—</b>
<b>Subtotal fish</b>	<b>14</b>	<b>14</b>	<b>0</b>	<b>—</b>	<b>—</b>
6134 fish (not shellfish)	14	14	0	—	—
<b>Subtotal processed grain and animal feed</b>	<b>0</b>	<b>—</b>	<b>0</b>	<b>—</b>	<b>—</b>
6746 wheat flour	0	—	0	—	—
6747 grain mill products	0	—	0	—	—
6782 animal feed, prep.	0	—	0	—	—
<b>Subtotal other agricultural products</b>	<b>264</b>	<b>2</b>	<b>262</b>	<b>—</b>	<b>—</b>
6822 dairy products	0	—	0	—	—
6835 fish, prepared	2	2	—	—	—
6838 tallow, animal oils	0	—	0	—	—
6885 alcoholic beverages	0	—	0	—	—
6887 groceries	203	0	203	—	—
6889 food products nec	59	—	59	—	—
<b>Total all manufactured equipment, machinery and products</b>	<b>1,373</b>	<b>209</b>	<b>1,145</b>	<b>11</b>	<b>8</b>
7110 machinery (not elec)	18	0	0	10	8

TACOMA HARBOR, WA  
Freight Traffic, 2010 - continued  
(thousand short tons)

Commodity	Total	Domestic					
		Coastwise		Internal			
		Receipts	Shipments	Receipts	Shipments	Intraport	
7120 electrical machinery	0	0	0	—	—	—	—
7210 vehicles & parts	94	19	75	—	—	—	—
7220 aircraft & parts	0	—	—	—	0	—	—
7300 ordnance & access.	2	1	1	—	—	—	—
7400 manufac. wood prod.	1	0	—	0	0	—	—
7600 rubber & plastic pr.	0	—	0	—	—	—	—
7900 manufac. prod. nec	1,259	190	1,069	—	—	—	—
<b>Total unknown or not elsewhere classified</b>	<b>16</b>	<b>3</b>	<b>13</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
9900 unknown or nec	16	3	13	—	—	—	—

SEATTLE HARBOR, WA

Section Included: From Union Oil dock near Edmonds on the North to Fauntleroy Ferry Slip on the south, including Elliott Bay, East, West, and Duwamish Waterway, Lake Washington Ship Canal, Salmon Bay, Lake Union, Lake Washington, and Kenmore Navigation Channel. Controlling Depth: Elliott Bay, unlimited; West Waterway, 28.0 feet; East Waterway, 31.2 feet; Duwamish Waterway, 18.2 feet from head of West Waterway to 1st Avenue So., 11.0 feet from 1st Avenue So. 14th Avenue So. 8.5 feet from 14th Avenue So. to head of waterway; Lake Washington Ship Canal, 29.2 feet below locks; above the locks 26.1 feet, Kenmore Navigation Channel; 13.6 feet. Project Depth: Elliot Bay, unlimited; East and West Waterways, 34 feet; Duwamish Waterway, 30 feet to First Avenue South; 20 feet to 8th Avenue South; and 15 feet from 8th Avenue South to head of waterway; Lake Washington Ship Canal, 34 feet below locks; 30 feet at lower pool level, Kenmore Navigation Channel; 15 feet. All depths refer to mllw except inside Lake Washington Ship Canal which reflects low lake level.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	20,546	2004	23,794	2007	28,169	<b>2010</b>	<b>27,192</b>
2002	19,591	2005	28,081	2008	26,169		
2003	19,448	2006	27,974	2009	24,608		

Freight Traffic, 2010 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
<b>Total, all commodities</b>	<b>22,097</b>	<b>6,710</b>	<b>13,425</b>	<b>1,897</b>	<b>66</b>
<b>Total coal</b>	<b>131</b>	<b>20</b>	<b>56</b>	<b>54</b>	<b>1</b>
1100 coal & lignite	111	0	56	54	1
1200 coal coke	19	19	0	—	—
<b>Total petroleum and petroleum products</b>	<b>38</b>	<b>2</b>	<b>10</b>	<b>12</b>	<b>14</b>
<b>Subtotal petroleum products</b>	<b>38</b>	<b>2</b>	<b>10</b>	<b>12</b>	<b>14</b>
2211 gasoline	12	0	0	12	—
2330 distillate fuel oil	7	1	4	—	2
2340 residual fuel oil	0	0	—	—	—
2350 lube oil & greases	0	—	0	—	—
2410 petro. jelly & waxes	0	0	0	—	—
2429 naphtha & solvents	1	0	1	—	—
2430 asphalt, tar & pitch	0	0	0	—	—
2540 petroleum coke	12	0	1	—	11
2640 hydrocarbon & petrol oases. liquefied and gaseous	4	0	4	—	—
<b>Total chemicals and related products</b>	<b>676</b>	<b>404</b>	<b>238</b>	<b>33</b>	<b>0</b>
<b>Subtotal fertilizers</b>	<b>5</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>—</b>
3110 nitrogenous fert.	2	1	0	0	—
3120 phosphatic fert.	0	0	0	—	—
3190 fert. & mixes nec	3	1	2	—	—
<b>Subtotal other chemicals and related products</b>	<b>670</b>	<b>402</b>	<b>235</b>	<b>33</b>	<b>0</b>
3211 acyclic hydrocarbons	0	0	0	—	—
3212 benzene & toluene	0	0	—	—	—
3219 other hydrocarbons	5	4	1	—	—
3220 alcohols	6	5	1	0	—
3230 carboxylic acids	20	16	5	0	—
3240 nitrogen func. comp.	30	20	10	—	—
3250 organo - inorg. comp.	14	11	2	1	—
3260 organic comp. nec	26	17	8	0	—
3272 sulphuric acid	2	1	1	—	—
3273 ammonia	0	0	0	—	—
3274 sodium hydroxide	2	2	1	—	—
3275 inorg. elem., oxides, & halogen salts	79	34	31	14	0
3276 metallic salts	69	32	27	10	0
3279 inorganic chem. nec	16	8	7	—	—
3281 radioactive material	3	2	1	—	—
3282 pigments & paints	28	25	4	0	—
3283 coloring mat. nec	6	4	1	—	—
3284 medicines	24	15	9	0	—
3285 perfumes & cleansers	39	21	18	0	—
3286 plastics	210	133	77	0	—
3291 pesticides	8	7	1	—	—
3292 starches, gluten, glue	35	20	15	—	0
3293 explosives	10	10	0	—	—
3297 chemical additives	7	2	5	0	—
3298 wood & resin chem.	0	0	0	—	—
3299 chem. products nec	31	11	13	7	—
<b>Total crude materials, inedible except fuels</b>	<b>3,339</b>	<b>394</b>	<b>1,514</b>	<b>1,385</b>	<b>46</b>
<b>Subtotal forest products, wood and chips</b>	<b>684</b>	<b>109</b>	<b>574</b>	<b>1</b>	<b>0</b>
4110 rubber & gums	3	3	0	0	—
4150 fuel wood	2	1	1	—	—
4161 wood chips	1	0	1	—	—

SEATTLE HARBOR, WA  
Freight Traffic, 2010 - continued  
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
4170 wood in the rough	201	7	194	1	—
4189 lumber	468	94	374	1	0
4190 forest products nec	10	5	5	—	—
<b>Subtotal pulp and waste paper</b>	<b>705</b>	<b>1</b>	<b>702</b>	<b>2</b>	<b>—</b>
4225 pulp & waste paper	705	1	702	2	—
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>1,370</b>	<b>196</b>	<b>2</b>	<b>1,145</b>	<b>27</b>
4310 building stone	32	21	1	7	3
4322 limestone	959	0	0	959	—
4323 gypsum	189	170	1	18	—
4331 sand & gravel	189	5	0	160	24
<b>Subtotal iron ore and scrap</b>	<b>287</b>	<b>5</b>	<b>74</b>	<b>208</b>	<b>—</b>
4410 iron ore	6	0	0	6	—
4420 iron & steel scrap	281	5	73	202	—
<b>Subtotal marine shells</b>	<b>0</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>—</b>
4515 marine shells	0	0	—	—	—
<b>Subtotal non-ferrous ores and scrap</b>	<b>61</b>	<b>8</b>	<b>53</b>	<b>0</b>	<b>—</b>
4630 copper ore	0	—	0	—	—
4650 aluminum ore	10	6	4	—	—
4670 manganese ore	0	—	0	—	—
4680 non-ferrous scrap	45	1	44	0	—
4690 non-ferrous ores nec	5	2	4	—	—
<b>Subtotal sulphur, clay and salt</b>	<b>73</b>	<b>3</b>	<b>70</b>	<b>—</b>	<b>0</b>
4741 sulphur, (dry)	9	0	9	—	—
4782 clay & refrac. mat.	63	3	61	—	0
<b>Subtotal slag</b>	<b>71</b>	<b>58</b>	<b>—</b>	<b>7</b>	<b>7</b>
4860 slag	71	58	—	7	7
<b>Subtotal other non-metal. min.</b>	<b>88</b>	<b>13</b>	<b>41</b>	<b>23</b>	<b>12</b>
4900 non-metal. min. nec	88	13	41	23	12
<b>Total primary manufactured goods</b>	<b>2,752</b>	<b>1,534</b>	<b>840</b>	<b>376</b>	<b>2</b>
<b>Subtotal paper products</b>	<b>630</b>	<b>122</b>	<b>480</b>	<b>26</b>	<b>1</b>
5110 newsprint	85	0	62	23	—
5120 paper & paperboard	443	59	379	3	1
5190 paper products nec	102	63	39	0	0
<b>Subtotal lime, cement and glass</b>	<b>1,027</b>	<b>587</b>	<b>90</b>	<b>349</b>	<b>—</b>
5210 lime	20	0	8	11	—
5220 cement & concrete	650	312	0	338	—
5240 glass & glass prod.	149	85	63	—	—
5290 misc. mineral prod.	208	190	18	—	—
<b>Subtotal primary iron and steel products</b>	<b>216</b>	<b>122</b>	<b>93</b>	<b>—</b>	<b>—</b>
5312 pig iron	5	5	1	—	—
5315 ferro alloys	18	17	0	—	—
5320 i&s primary forms	95	8	87	—	—
5330 i&s plates & sheets	13	12	1	—	—
5360 i&s bars & shapes	17	14	2	—	—
5370 i&s pipe & tube	41	40	1	—	—
5390 primary i&s nec	27	26	0	—	—
<b>Subtotal primary non-ferrous metal products</b>	<b>780</b>	<b>623</b>	<b>157</b>	<b>0</b>	<b>0</b>
5421 copper	8	6	2	—	—
5422 aluminum	43	31	12	—	0
5429 smelted prod. nec	125	11	113	0	—
5480 fab. metal products	604	574	30	0	0
<b>Subtotal primary wood products</b>	<b>100</b>	<b>79</b>	<b>20</b>	<b>—</b>	<b>0</b>
5540 primar wood prod.	100	79	20	—	0
<b>Total food and farm products</b>	<b>10,736</b>	<b>487</b>	<b>10,237</b>	<b>10</b>	<b>2</b>
<b>Subtotal fish</b>	<b>316</b>	<b>64</b>	<b>245</b>	<b>5</b>	<b>1</b>
6134 fish (not shellfish)	293	46	240	5	1
6136 shellfish	23	18	5	0	0
<b>Subtotal grain</b>	<b>3,722</b>	<b>24</b>	<b>3,698</b>	<b>—</b>	<b>—</b>
6241 wheat	65	0	65	—	—
6344 corn	3,595	1	3,594	—	—
6442 rice	24	23	0	—	—
6443 barley & rye	1	0	1	—	—
6445 oats	1	0	1	—	—
6447 sorghum grains	37	0	37	—	—
<b>Subtotal oilseeds</b>	<b>2,844</b>	<b>5</b>	<b>2,838</b>	<b>1</b>	<b>—</b>
6521 peanuts	0	0	—	—	—
6522 soybeans	2,764	3	2,761	1	—
6534 flaxseed	1	0	1	—	—
6590 oilseeds nec	78	2	76	—	—
<b>Subtotal vegetable products</b>	<b>952</b>	<b>57</b>	<b>893</b>	<b>2</b>	<b>0</b>
6653 vegetable oils	6	2	4	0	—
6654 vegetables & prod.	946	55	889	2	0
<b>Subtotal processed grain and animal feed</b>	<b>1,339</b>	<b>15</b>	<b>1,323</b>	<b>0</b>	<b>0</b>
6746 wheat flour	2	1	1	—	—
6747 grain mill products	58	6	53	0	0
6781 hay & fodder	1,014	2	1,012	—	—
6782 animal feed, prep.	266	7	258	0	0
<b>Subtotal other agricultural products</b>	<b>1,562</b>	<b>321</b>	<b>1,239</b>	<b>1</b>	<b>1</b>
6811 meat, fresh, frozen	244	20	224	0	0
6817 meat, prepared	5	0	4	—	—
6822 dairy products	140	1	138	—	0
6835 fish, prepared	31	8	22	—	0
6838 tallow, animal oils	2	0	2	0	—
6839 animals & prod. nec	56	7	48	0	0
6856 bananas & plantains	1	1	0	—	—
6857 fruit & nuts nec	426	59	366	—	—
6858 fruit juices	115	86	29	0	—

SEATTLE HARBOR, WA  
Freight Traffic, 2010 - continued  
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
6861 sugar	4	4	0	—	—
6865 molasses	13	13	0	—	—
6871 coffee	119	38	81	—	—
6872 cocoa beans	1	1	0	—	—
6885 alcoholic beverages	40	31	9	—	—
6888 water & ice	2	1	1	—	—
6889 food products nec	264	41	222	0	0
6891 tobacco & products	1	1	0	—	—
6893 cotton	1	1	0	—	—
6894 natural fibers nec	2	2	0	—	—
6899 farm products nec	94	4	89	0	—
<b>Total all manufactured equipment, machinery and products</b>	<b>4,160</b>	<b>3,734</b>	<b>399</b>	<b>26</b>	<b>0</b>
7110 machinery (not elec)	530	422	108	0	0
7120 electrical machinery	563	520	42	0	0
7210 vehicles & parts	399	355	43	0	0
7220 aircraft & parts	11	9	3	0	0
7230 ships & boats	4	3	1	1	—
7300 ordnance & access.	2	1	1	—	—
7400 manufac. wood prod.	81	67	14	—	—
7500 textile products	520	437	60	23	0
7600 rubber & plastic pr.	421	385	35	1	0
7900 manufac. prod. nec	1,627	1,536	91	1	0
<b>Total unknown or not elsewhere classified</b>	<b>267</b>	<b>135</b>	<b>130</b>	<b>1</b>	<b>0</b>
9900 unknown or nec	267	135	130	1	0

Commodity	Total	Domestic			
		Coastwise		Internal	
		Receipts	Shipments	Receipts	Shipments
<b>Total, all commodities</b>	<b>5,094</b>	<b>417</b>	<b>967</b>	<b>2,352</b>	<b>683</b>
<b>Total coal</b>	<b>0</b>	<b>—</b>	<b>0</b>	<b>—</b>	<b>0</b>
1100 coal & lignite	0	—	0	—	0
<b>Total petroleum and petroleum products</b>	<b>2,020</b>	<b>253</b>	<b>30</b>	<b>776</b>	<b>295</b>
<b>Subtotal crude petroleum</b>	<b>3</b>	<b>—</b>	<b>3</b>	<b>—</b>	<b>—</b>
2100 crude petroleum	3	—	3	—	—
<b>Subtotal petroleum products</b>	<b>2,017</b>	<b>253</b>	<b>27</b>	<b>776</b>	<b>295</b>
2211 gasoline	150	38	6	97	9
2330 distillate fuel oil	378	179	7	171	10
2340 residual fuel oil	1,439	20	8	508	250
2350 lube oil & greases	6	0	0	0	5
2429 naphtha & solvents	9	8	0	0	1
2430 asphalt, tar & pitch	2	—	0	0	2
2540 petroleum coke	7	—	0	—	7
2640 hydrocarbon & petrol gases, liquefied and gaseous	10	1	4	—	5
2990 petro. products nec	16	8	2	0	5
<b>Total chemicals and related products</b>	<b>63</b>	<b>2</b>	<b>47</b>	<b>1</b>	<b>13</b>
<b>Subtotal fertilizers</b>	<b>35</b>	<b>0</b>	<b>35</b>	<b>—</b>	<b>0</b>
3110 nitrogenous fert.	0	—	—	—	0
3190 fert. & mixes nec	35	0	35	—	0
<b>Subtotal other chemicals and related products</b>	<b>28</b>	<b>2</b>	<b>12</b>	<b>1</b>	<b>12</b>
3220 alcohols	1	0	1	—	0
3240 nitrogen func. comp.	0	—	—	—	0
3260 organic comp. nec	6	—	0	1	6
3276 metallic salts	1	—	1	—	0
3282 pigments & paints	1	0	0	0	1
3283 coloring mat. nec	0	—	—	—	0
3284 medicines	0	—	—	—	0
3285 perfumes & cleansers	0	—	0	—	—
3286 plastics	8	0	7	0	0
3293 explosives	2	—	0	—	1
3297 chemical additives	0	—	0	—	0
3299 chem. products nec	8	2	3	1	3
<b>Total crude materials, inedible except fuels</b>	<b>1,611</b>	<b>3</b>	<b>174</b>	<b>1,370</b>	<b>63</b>
<b>Subtotal forest products, wood and chips</b>	<b>172</b>	<b>0</b>	<b>154</b>	<b>1</b>	<b>15</b>
4110 rubber & gums	1	—	1	—	—
4150 fuel wood	1	—	0	—	1
4170 wood in the rough	2	0	1	1	1
4189 lumber	159	0	148	1	9
4190 forest products nec	9	—	4	0	5
<b>Subtotal pulp and waste paper</b>	<b>1</b>	<b>0</b>	<b>—</b>	<b>0</b>	<b>—</b>
4225 pulp & waste paper	1	—	0	—	—
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>1,408</b>	<b>1</b>	<b>0</b>	<b>1,363</b>	<b>44</b>
4331 sand & gravel	1,406	—	0	1,362	44
4338 soil & fill dirt	2	1	—	0	—
<b>Subtotal iron ore and scrap</b>	<b>7</b>	<b>1</b>	<b>0</b>	<b>6</b>	<b>—</b>
4410 iron ore	2	—	—	2	—
4420 iron & steel scrap	5	1	0	4	—
<b>Subtotal non-ferrous ores and scrap</b>	<b>6</b>	<b>—</b>	<b>6</b>	<b>—</b>	<b>—</b>
4630 copper ore	6	—	6	—	—
<b>Subtotal slag</b>	<b>0</b>	<b>—</b>	<b>0</b>	<b>—</b>	<b>—</b>
4860 slag	0	—	0	—	—
<b>Subtotal other non-metal. min.</b>	<b>18</b>	<b>0</b>	<b>14</b>	<b>0</b>	<b>4</b>
4900 non-metal. min. nec	18	0	14	0	4

SEATTLE HARBOR, WA  
Freight Traffic, 2010 - continued  
(thousand short tons)

Commodity	Total	Domestic					
		Coastwise		Internal			
		Receipts	Shipments	Receipts	Shipments	Intraport	
<b>Total primary manufactured goods</b>	<b>388</b>	<b>4</b>	<b>277</b>	<b>11</b>	<b>95</b>	<b>1</b>	
<b>Subtotal paper products</b>	<b>71</b>	<b>1</b>	<b>61</b>	<b>2</b>	<b>7</b>	<b>—</b>	
5110 newsprint	3	—	3	—	0	—	
5120 paper & paperboard	2	—	—	2	—	—	
5190 paper products nec	65	1	58	0	6	—	
<b>Subtotal lime, cement and glass</b>	<b>178</b>	<b>1</b>	<b>107</b>	<b>3</b>	<b>66</b>	<b>1</b>	
5210 lime	23	1	20	—	2	—	
5220 cement & concrete	55	—	10	3	42	—	
5240 glass & glass prod.	9	0	4	0	5	—	
5290 misc. mineral prod.	91	0	73	0	18	1	
<b>Subtotal primary iron and steel products</b>	<b>30</b>	<b>0</b>	<b>28</b>	<b>0</b>	<b>2</b>	<b>—</b>	
5330 i&s plates & sheets	1	—	1	—	—	—	
5360 i&s bars & shapes	21	0	20	0	1	—	
5370 i&s pipe & tube	8	—	7	0	1	—	
5390 primary i&s nec	0	—	0	—	0	—	
<b>Subtotal primary non-ferrous metal products</b>	<b>73</b>	<b>1</b>	<b>49</b>	<b>6</b>	<b>17</b>	<b>0</b>	
5421 copper	0	—	0	—	0	—	
5480 fab. metal products	73	1	49	6	17	0	
<b>Subtotal primary wood products</b>	<b>36</b>	<b>0</b>	<b>33</b>	<b>0</b>	<b>4</b>	<b>—</b>	
5540 primarw wood prod.	36	0	33	0	4	—	
<b>Total food and farm products</b>	<b>520</b>	<b>113</b>	<b>172</b>	<b>126</b>	<b>108</b>	<b>2</b>	
<b>Subtotal fish</b>	<b>161</b>	<b>74</b>	<b>4</b>	<b>81</b>	<b>1</b>	<b>—</b>	
6134 fish (not shellfish)	158	74	4	80	1	—	
6136 shellfish	2	0	0	2	0	—	
<b>Subtotal grain</b>	<b>0</b>	<b>—</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>—</b>	
6344 corn	0	—	0	—	—	—	
6442 rice	0	—	0	—	—	—	
<b>Subtotal vegetable products</b>	<b>26</b>	<b>0</b>	<b>25</b>	<b>—</b>	<b>—</b>	<b>—</b>	
6654 vegetables & prod.	26	0	25	—	—	—	
<b>Subtotal processed grain and animal feed</b>	<b>44</b>	<b>1</b>	<b>42</b>	<b>0</b>	<b>0</b>	<b>—</b>	
6747 grain mill products	7	—	7	0	—	—	
6781 hay & fodder	1	—	1	—	0	—	
6782 animal feed, prep.	36	1	35	0	0	—	
<b>Subtotal other agricultural products</b>	<b>290</b>	<b>38</b>	<b>100</b>	<b>44</b>	<b>107</b>	<b>2</b>	
6811 meat, fresh, frozen	2	—	2	—	—	—	
6822 dairy products	1	—	1	—	0	—	
6835 fish, prepared	49	22	0	27	0	—	
6838 tallow, animal oils	2	2	—	0	—	—	
6839 animals & prod. nec	0	0	—	—	—	—	
6857 fruit & nuts nec	0	0	—	—	—	—	
6858 fruit juices	3	—	—	0	3	—	
6865 molasses	14	12	—	—	2	—	
6871 coffee	0	0	—	—	—	—	
6885 alcoholic beverages	47	0	14	16	17	—	
6887 groceries	73	0	10	1	63	—	
6888 water & ice	4	—	4	—	—	—	
6889 food products nec	91	2	65	0	24	—	
6891 tobacco & products	0	—	—	—	0	—	
6899 farm products nec	4	0	4	—	0	—	
<b>Total all manufactured equipment, machinery and products</b>	<b>466</b>	<b>42</b>	<b>266</b>	<b>43</b>	<b>108</b>	<b>8</b>	
7110 machinery (not elec)	55	11	20	5	12	7	
7120 electrical machinery	4	0	1	0	2	0	
7210 vehicles & parts	38	11	15	3	9	—	
7220 aircraft & parts	3	—	—	0	3	0	
7230 ships & boats	3	0	1	0	1	—	
7300 ordnance & access.	0	—	—	—	0	—	
7400 manufac. wood prod.	105	3	87	1	13	1	
7500 textile products	4	0	0	0	3	—	
7600 rubber & plastic pr.	2	0	1	0	1	—	
7900 manufac. prod. nec	252	16	141	32	64	—	
<b>Total waste and scrap nec</b>	<b>25</b>	<b>1</b>	<b>—</b>	<b>25</b>	<b>0</b>	<b>—</b>	
8900 waste and scrap nec	25	1	—	25	0	—	

LAKE WASHINGTON SHIP CANAL, WA (INCLUDED IN TRAFFIC OF SEATTLE HARBOR, WA)

Section Included: As described under Seattle Harbor, WA.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	695	2004	1,057	2007	1,448	<b>2010</b>	<b>603</b>
2002	1,013	2005	1,159	2008	1,537		
2003	1,105	2006	866	2009	585		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Foreign	Domestic			
		Outbound	Coastwise		Internal	
			Receipts	Shipments	Inbound	Outbound
<b>Total, all commodities</b>	<b>603</b>	<b>29</b>	<b>575</b>	<b>36</b>	<b>21</b>	<b>516</b>
<b>Total petroleum and petroleum products</b>	<b>1</b>	<b>—</b>	<b>1</b>	<b>0</b>	<b>—</b>	<b>1</b>
<b>Subtotal petroleum products</b>	<b>1</b>	<b>—</b>	<b>1</b>	<b>0</b>	<b>—</b>	<b>1</b>
2340 residual fuel oil	1	—	1	—	—	1

LAKE WASHINGTON SHIP CANAL, WA (INCLUDED IN TRAFFIC OF SEATTLE HARBOR, WA)  
 Freight Traffic, 2010 - continued  
 (thousand short tons)

Commodity	Grand Total	Foreign Outbound	Domestic			
			Coastwise		Internal	
			Receipts	Shipments	Inbound	Outbound
Upbound	Downbnd					
2640 hydrocarbon & petrol gases, liquefied and gaseous	0	—	0	0	—	—
<b>Total chemicals and related products</b>	<b>1</b>	<b>1</b>	—	—	—	—
<b>Subtotal fertilizers</b>	<b>0</b>	<b>0</b>	—	—	—	—
3190 fert. & mixes nec	0	0	—	—	—	—
<b>Subtotal other chemicals and related products</b>	<b>1</b>	<b>1</b>	—	—	—	—
3283 coloring mat. nec	0	0	—	—	—	—
3284 medicines	0	0	—	—	—	—
3285 perfumes & cleansers	0	0	—	—	—	—
3286 plastics	1	1	—	—	—	—
<b>Total crude materials, inedible except fuels</b>	<b>525</b>	<b>5</b>	<b>520</b>	<b>5</b>	<b>515</b>	<b>0</b>
<b>Subtotal forest products, wood and chips</b>	<b>1</b>	<b>0</b>	<b>1</b>	—	—	<b>0</b>
4189 lumber	1	0	1	—	—	0
<b>Subtotal pulp and waste paper</b>	<b>3</b>	<b>3</b>	—	—	—	—
4225 pulp & waste paper	3	3	—	—	—	—
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>515</b>	<b>0</b>	<b>514</b>	—	—	<b>514</b>
4331 sand & gravel	515	0	514	—	—	514
<b>Subtotal iron ore and scrap</b>	<b>0</b>	<b>0</b>	—	—	—	—
4420 iron & steel scrap	0	0	—	—	—	—
<b>Subtotal non-ferrous ores and scrap</b>	<b>0</b>	<b>0</b>	—	—	—	—
4680 non-ferrous scrap	0	0	—	—	—	—
<b>Subtotal sulphur, clay and salt</b>	<b>0</b>	<b>0</b>	—	—	—	—
4782 clay & refrac. mat.	0	0	—	—	—	—
<b>Subtotal other non-metal. min.</b>	<b>5</b>	<b>0</b>	<b>5</b>	—	<b>5</b>	—
4900 non-metal. min. nec	5	0	5	—	5	—
<b>Total primary manufactured goods</b>	<b>17</b>	<b>6</b>	<b>11</b>	—	<b>0</b>	<b>0</b>
<b>Subtotal paper products</b>	<b>6</b>	<b>1</b>	<b>5</b>	—	<b>5</b>	—
5120 paper & paperboard	0	0	—	—	—	—
5190 paper products nec	5	0	5	—	5	—
<b>Subtotal lime, cement and glass</b>	<b>1</b>	<b>1</b>	<b>1</b>	—	<b>0</b>	<b>0</b>
5240 glass & glass prod.	1	1	—	—	—	—
5290 misc. mineral prod.	1	—	1	—	0	0
<b>Subtotal primary iron and steel products</b>	<b>3</b>	<b>3</b>	—	—	—	—
5320 i&s primary forms	3	3	—	—	—	—
<b>Subtotal primary non-ferrous metal products</b>	<b>7</b>	<b>1</b>	<b>5</b>	—	<b>5</b>	<b>0</b>
5429 smelted prod. nec	1	1	—	—	—	—
5480 fab. metal products	5	0	5	—	5	0
<b>Total food and farm products</b>	<b>53</b>	<b>17</b>	<b>36</b>	<b>36</b>	—	—
<b>Subtotal fish</b>	<b>37</b>	<b>1</b>	<b>36</b>	<b>36</b>	—	—
6134 fish (not shellfish)	37	1	36	36	—	—
<b>Subtotal grain</b>	<b>0</b>	<b>0</b>	—	—	—	—
6344 corn	0	0	—	—	—	—
<b>Subtotal oilseeds</b>	<b>0</b>	<b>0</b>	—	—	—	—
6522 soybeans	0	0	—	—	—	—
<b>Subtotal vegetable products</b>	<b>2</b>	<b>2</b>	—	—	—	—
6654 vegetables & prod.	2	2	—	—	—	—
<b>Subtotal processed grain and animal feed</b>	<b>11</b>	<b>11</b>	—	—	—	—
6781 hay & fodder	8	8	—	—	—	—
6782 animal feed, prep.	2	2	—	—	—	—
<b>Subtotal other agricultural products</b>	<b>3</b>	<b>3</b>	—	—	—	—
6811 meat, fresh, frozen	0	0	—	—	—	—
6817 meat, prepared	0	0	—	—	—	—
6822 dairy products	1	1	—	—	—	—
6839 animals & prod. nec	0	0	—	—	—	—
6857 fruit & nuts nec	0	0	—	—	—	—
6858 fruit juices	0	0	—	—	—	—
6889 food products nec	1	1	—	—	—	—
6899 farm products nec	0	0	—	—	—	—
<b>Total all manufactured equipment, machinery and products</b>	<b>6</b>	<b>0</b>	<b>6</b>	—	<b>5</b>	<b>0</b>
7110 machinery (not elec)	0	0	0	—	0	—
7120 electrical machinery	0	0	—	—	—	—
7210 vehicles & parts	0	0	—	—	—	—
7400 manufac. wood prod.	1	0	1	—	0	0
7600 rubber & plastic pr.	0	0	—	—	—	—
7900 manufac. prod. nec	5	0	5	—	5	—
<b>Total unknown or not elsewhere classified</b>	<b>0</b>	<b>0</b>	—	—	—	—
9900 unknown or nec	0	0	—	—	—	—

Tons All Traffic (x1000)

Total Trip-ton-miles Internal and Intraport (x1000)

603

28,328

EVERETT HARBOR AND SNOHOMISH RIVER, WA

Section Included: Port Gardner Bay from the Weyerhaeuser Company Thermo-Mechanical Mill, on the south to Preston Point on the north and including the Snohomish River and Tributary Waters. Controlling Depth: East Waterway, 33.3 feet; 14.0 feet in Port Gardner Bay to the settling basin; 8.8 feet in the settling basin; 6.1 feet from the settling basin to Burlington Northern Railroad; 4.8 feet from Burlington Northern Railroad to head of waterway at Steamboat Slough. Project Depth: East Waterway, 30 feet; deep water in Port Gardner Bay to settling basin, 15 feet; settling basin, 20 feet; from the settling basin to the gap, 8 feet; from the gap to the upstream settling basin, 8 feet; 40 feet in upstream settling basin; 8 feet to head of waterway. All depths refer to mllw.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	2,868	2004	3,021	2007	2,554	2010	1,380
2002	3,009	2005	2,318	2008	2,837		
2003	2,712	2006	2,070	2009	1,006		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Inbound	Outbound	Inbound	Outbound	Total	Internal	
						Receipts	Shipments	Inraport
<b>Total, all commodities</b>	<b>1,380</b>	<b>83</b>	<b>56</b>	<b>118</b>	<b>212</b>	<b>910</b>	<b>323</b>	<b>583</b>
<b>Total petroleum and petroleum products</b>	<b>2</b>	—	<b>0</b>	—	—	<b>2</b>	<b>2</b>	—
Subtotal petroleum products	2	—	0	—	—	2	2	—
2330 distillate fuel oil	0	—	0	—	—	0	0	—
2340 residual fuel oil	1	—	—	—	—	1	1	—
<b>Total chemicals and related products</b>	<b>15</b>	<b>7</b>	<b>8</b>	—	—	—	—	—
Subtotal fertilizers	0	0	—	—	—	—	—	—
3190 fert. & mixes nec	0	0	—	—	—	—	—	—
Subtotal other chemicals and related products	15	7	8	—	—	—	—	—
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	0	—	—	—	—	—
3272 sulphuric acid	0	0	—	—	—	—	—	—
3275 inorg. elem., oxides, & halogen salts	1	1	—	—	—	—	—	—
3276 metallic salts	1	1	1	—	—	—	—	—
3279 inorganic chem. nec	0	0	—	—	—	—	—	—
3281 radioactive material	1	0	1	—	—	—	—	—
3282 pigments & paints	1	1	—	—	—	—	—	—
3283 coloring mat. nec	0	0	—	—	—	—	—	—
3285 perfumes & cleansers	0	0	—	—	—	—	—	—
3286 plastics	2	2	0	—	—	—	—	—
3292 starches, gluten, glue	0	0	0	—	—	—	—	—
3293 explosives	0	0	0	—	—	—	—	—
3297 chemical additives	0	0	—	—	—	—	—	—
3299 chem. products nec	6	0	6	—	—	—	—	—
<b>Total crude materials, inedible except fuels</b>	<b>1,238</b>	<b>3</b>	<b>4</b>	<b>117</b>	<b>212</b>	<b>902</b>	<b>318</b>	<b>580</b>
<b>Subtotal forest products, wood and chips</b>	<b>1,088</b>	<b>3</b>	<b>4</b>	<b>117</b>	<b>212</b>	<b>752</b>	<b>318</b>	<b>430</b>
4150 fuel wood	21	2	—	18	—	—	—	—
4161 wood chips	275	—	4	5	211	56	4	53
4170 wood in the rough	790	—	—	94	—	696	315	377
4189 lumber	2	0	0	—	2	—	—	4
Subtotal pulp and waste paper	0	—	0	—	—	—	—	—
4225 pulp & waste paper	0	—	0	—	—	—	—	—
Subtotal soil, sand, gravel, rock and stone	150	0	0	—	—	150	—	150
4322 limestone	0	—	0	—	—	—	—	—
4323 gypsum	0	0	—	—	—	—	—	—
4331 sand & gravel	150	0	—	—	—	150	—	150
Subtotal sulphur, clay and salt	0	0	—	—	—	—	—	—
4782 clay & refrac. mat.	0	0	—	—	—	—	—	—
<b>Total primary manufactured goods</b>	<b>34</b>	<b>20</b>	<b>14</b>	—	—	—	—	—
Subtotal paper products	5	5	—	—	—	—	—	—
5120 paper & paperboard	5	5	—	—	—	—	—	—
5190 paper products nec	0	0	—	—	—	—	—	—
Subtotal lime, cement and glass	8	3	5	—	—	—	—	—
5210 lime	5	—	5	—	—	—	—	—
5220 cement & concrete	0	0	—	—	—	—	—	—
5240 glass & glass prod.	0	0	0	—	—	—	—	—
5290 misc. mineral prod.	2	2	—	—	—	—	—	—
Subtotal primary iron and steel products	17	9	7	—	—	—	—	—
5315 ferro alloys	1	1	—	—	—	—	—	—
5320 i&s primary forms	7	0	7	—	—	—	—	—
5330 i&s plates & sheets	1	1	—	—	—	—	—	—
5360 i&s bars & shapes	1	1	—	—	—	—	—	—
5370 i&s pipe & tube	6	6	0	—	—	—	—	—
5390 primary i&s nec	0	0	—	—	—	—	—	—

EVERETT HARBOR AND SNOHOMISH RIVER, WA  
Freight Traffic, 2010 - continued  
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Inbound	Outbound	Inbound	Outbound	Total	Receipts	Internal Shipments
								Intraport
<b>Subtotal primary non-ferrous metal products</b>	<b>5</b>	<b>4</b>	<b>1</b>	—	—	—	—	—
5421 copper	0	0	—	—	—	—	—	—
5422 aluminum	0	0	—	—	—	—	—	—
5429 smelted prod. nec	0	0	—	—	—	—	—	—
5480 fab. metal products	4	3	1	—	—	—	—	—
<b>Subtotal primary wood products</b>	<b>0</b>	<b>0</b>	—	—	—	—	—	—
5540 primary wood prod.	0	0	—	—	—	—	—	—
<b>Total food and farm products</b>	<b>8</b>	<b>0</b>	<b>7</b>	—	—	—	—	—
<b>Subtotal grain</b>	<b>0</b>	<b>0</b>	—	—	—	—	—	—
6241 wheat	0	0	—	—	—	—	—	—
6442 rice	0	0	—	—	—	—	—	—
<b>Subtotal oilseeds</b>	<b>1</b>	—	<b>1</b>	—	—	—	—	—
6522 soybeans	0	—	0	—	—	—	—	—
6590 oilseeds nec	0	—	0	—	—	—	—	—
<b>Subtotal vegetable products</b>	<b>1</b>	<b>0</b>	<b>1</b>	—	—	—	—	—
6653 vegetable oils	1	—	1	—	—	—	—	—
6654 vegetables & prod.	0	0	0	—	—	—	—	—
<b>Subtotal processed grain and animal feed</b>	<b>4</b>	<b>0</b>	<b>4</b>	—	—	—	—	—
6746 wheat flour	0	—	0	—	—	—	—	—
6747 grain mill products	0	0	—	—	—	—	—	—
6781 hay & fodder	4	—	4	—	—	—	—	—
6782 animal feed, prep.	0	—	0	—	—	—	—	—
<b>Subtotal other agricultural products</b>	<b>2</b>	<b>0</b>	<b>2</b>	—	—	—	—	—
6811 meat, fresh, frozen	0	—	0	—	—	—	—	—
6838 tallow, animal oils	0	0	—	—	—	—	—	—
6857 fruit & nuts nec	1	—	1	—	—	—	—	—
6858 fruit juices	0	0	—	—	—	—	—	—
6885 alcoholic beverages	0	—	0	—	—	—	—	—
6889 food products nec	0	0	—	—	—	—	—	—
6899 farm products nec	0	—	0	—	—	—	—	—
<b>Total all manufactured equipment, machinery and products</b>	<b>79</b>	<b>53</b>	<b>22</b>	<b>1</b>	—	<b>3</b>	<b>3</b>	<b>0</b>
7110 machinery (not elec)	28	15	14	—	—	—	—	—
7120 electrical machinery	6	6	0	—	—	—	—	—
7210 vehicles & parts	14	12	2	—	—	—	—	—
7220 aircraft & parts	11	8	0	—	—	3	3	0
7230 ships & boats	0	0	0	—	—	—	—	—
7300 ordnance & access.	0	0	—	—	—	—	—	—
7400 manufac. wood prod.	1	0	0	—	—	—	—	—
7500 textile products	2	1	0	1	—	—	—	—
7600 rubber & plastic pr.	7	7	0	—	—	—	—	—
7900 manufac. prod. nec	9	4	5	—	—	—	—	—
<b>Total unknown or not elsewhere classified</b>	<b>5</b>	<b>0</b>	<b>1</b>	—	—	<b>4</b>	<b>0</b>	<b>3</b>
9900 unknown or nec	5	0	1	—	—	4	0	3

ANACORTES HARBOR, WA

Section Included: Water front of Fidalgo Island from Burrows Bay to and including the oil refinery wharves on Fidalgo Bay. Controlling Depth: Main harbor on Guemes Channel, 33 feet; CapSante Waterway, Outer Waterway 11.4 feet, Inner Waterway 11.8 feet, Anacortes Navigation Channel, 16.2 feet. Project Depth: No project for main harbor; Ca Sante Waterway, 12 feet Anacortes Navigation Channel, 18 feet. All depths refer to mllw.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	16,769	2004	16,562	2007	14,341	<b>2010</b>	<b>8,455</b>
2002	15,363	2005	15,777	2008	11,468		
2003	15,820	2006	15,147	2009	10,431		

Freight Traffic, 2010 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
<b>Total, all commodities</b>	<b>1,787</b>	<b>262</b>	<b>769</b>	<b>175</b>	<b>582</b>
<b>Total coal</b>	<b>7</b>	—	—	<b>7</b>	—
1100 coal & lignite	7	—	—	7	—
<b>Total petroleum and petroleum products</b>	<b>1,609</b>	<b>261</b>	<b>760</b>	<b>27</b>	<b>560</b>
<b>Subtotal crude petroleum</b>	<b>263</b>	<b>261</b>	—	<b>2</b>	—
2100 crude petroleum	263	261	—	2	—
<b>Subtotal petroleum products</b>	<b>1,345</b>	—	<b>760</b>	<b>25</b>	<b>560</b>
2211 gasoline	491	—	118	10	363
2221 kerosene	29	—	—	—	29
2330 distillate fuel oil	440	—	376	16	48
2340 residual fuel oil	92	—	92	—	—
2429 naphtha & solvents	66	—	66	—	—
2540 petroleum coke	228	—	109	—	120

ANACORTES HARBOR, WA  
Freight Traffic, 2010 - continued  
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
<b>Total chemicals and related products</b>	<b>35</b>	—	<b>8</b>	<b>15</b>	<b>12</b>
<b>Subtotal other chemicals and related products</b>	<b>35</b>	—	<b>8</b>	<b>15</b>	<b>12</b>
3211 acyclic hydrocarbons	13	—	8	—	5
3220 alcohols	15	—	—	15	—
3299 chem. products nec	7	—	—	—	7
<b>Total crude materials, inedible except fuels</b>	<b>135</b>	—	—	<b>125</b>	<b>11</b>
<b>Subtotal forest products, wood and chips</b>	<b>106</b>	—	—	<b>106</b>	—
4170 wood in the rough	106	—	—	106	—
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>29</b>	—	—	<b>19</b>	<b>11</b>
4322 limestone	6	—	—	6	—
4331 sand & gravel	23	—	—	13	11
<b>Total all manufactured equipment, machinery and products</b>	<b>1</b>	<b>0</b>	—	<b>1</b>	<b>0</b>
7110 machinery (not elec)	1	0	—	—	0
7230 ships & boats	0	—	—	0	—
7500 textile products	1	—	—	1	—
7900 manufac. prod. nec	0	—	—	0	—

Commodity	Total	Domestic			
		Coastwise		Internal	
		Receipts	Shipments	Receipts	Shipments
<b>Total, all commodities</b>	<b>6,668</b>	<b>5,310</b>	<b>788</b>	<b>99</b>	<b>380</b>
<b>Total petroleum and petroleum products</b>	<b>6,666</b>	<b>5,309</b>	<b>788</b>	<b>99</b>	<b>380</b>
<b>Subtotal crude petroleum</b>	<b>4,758</b>	<b>4,722</b>	<b>36</b>	—	—
2100 crude petroleum	4,758	4,722	36	—	—
<b>Subtotal petroleum products</b>	<b>1,908</b>	<b>586</b>	<b>752</b>	<b>99</b>	<b>380</b>
2211 gasoline	448	167	190	0	74
2330 distillate fuel oil	752	372	194	58	70
2340 residual fuel oil	695	47	356	41	236
2350 lube oil & greases	0	—	—	0	—
2429 naptha & solvents	13	—	13	—	—
<b>Total crude materials, inedible except fuels</b>	<b>0</b>	—	—	<b>0</b>	<b>0</b>
<b>Subtotal forest products, wood and chips</b>	<b>0</b>	—	—	<b>0</b>	<b>0</b>
4189 lumber	0	—	—	0	0
<b>Total primary manufactured goods</b>	<b>0</b>	—	—	<b>0</b>	<b>0</b>
<b>Subtotal lime, cement and glass</b>	<b>0</b>	—	—	<b>0</b>	<b>0</b>
5290 misc. mineral prod.	0	—	—	0	0
<b>Total food and farm products</b>	<b>1</b>	<b>1</b>	—	—	—
<b>Subtotal fish</b>	<b>1</b>	<b>1</b>	—	—	—
6134 fish (not shellfish)	1	1	—	—	—
<b>Total all manufactured equipment, machinery and products</b>	<b>1</b>	—	—	<b>0</b>	<b>1</b>
7210 vehicles & parts	0	—	—	0	0
7400 manufac. wood prod.	0	—	—	0	0

Other Harbors and Waterways 2010

Harbor or Waterway Project	Commodity	Thousand Short Tons
LAKE CROCKETT, WA	No Commerce Reported	
BELLINGHAM BAY AND HARBOR, WA	2211 gasoline	25
	2330 distillate fuel oil	11
	3240 nitrogen func. comp.	2
	4322 limestone	6
	4323 gypsum	7
	5480 fab. metal products	0
	6134 fish (not shellfish)	5
	6136 shellfish	3
	6653 vegetable oils	0
	6654 vegetables & prod.	2
	6747 grain mill products	3
	6811 meat, fresh, frozen	0
	6817 meat, prepared	0
	6822 dairy products	0
	6835 fish, prepared	0
	6857 fruit & nuts nec	0
	6858 fruit juices	0
	6885 alcoholic beverages	0
	7110 machinery (not elec)	0
	7210 vehicles & parts	0
	9900 unknown or nec	0
	<b>Total Tons(x1000)</b>	<b>64</b>
BLAINE HARBOR, WA	No Commerce Reported	
COLUMBIA RIVER BETWEEN WENATCHEE AND KETTLE FALLS, WA	No Commerce Reported	
FLATHEAD LAKE, MT	No Commerce Reported	
HOQUIAM RIVER, WA	No Commerce Reported	
KOOTENAI RIVER, ID AND MT	No Commerce Reported	
NEAH BAY, WA	No Commerce Reported	
PORT GAMBLE HARBOR, WA	No Commerce Reported	
PORT TOWNSEND HARBOR, WA	2340 residual fuel oil	25
	4150 fuel wood	4
	4161 wood chips	59
	4170 wood in the rough	23
	<b>Total Tons(x1000)</b>	<b>111</b>
QUILLAYUTE RIVER, WA	No Commerce Reported	
SKAGIT RIVER, WA	4170 wood in the rough	8
	<b>Total Tons(x1000)</b>	<b>8</b>
	<b>Total Ton-miles(x1000)</b>	<b>115</b>
STILLAGUAMISH RIVER, WA	<b>Total Trip-ton-miles Internal and Intraport (x1000)</b>	<b>169</b>
SWINOMISH CHANNEL, WA	No Commerce Reported	
	4170 wood in the rough	151
	5480 fab. metal products	1
	<b>Total Tons(x1000)</b>	<b>151</b>
	<b>Total Ton-miles(x1000)</b>	<b>627</b>
WATERWAY CONNECTING PORT TOWNSEND BAY AND OAK BAY, WA	<b>Total Trip-ton-miles Internal and Intraport (x1000)</b>	<b>2,654</b>
WILLAPA RIVER AND HARBOR, AND NASELLE RIVER, WA	No Commerce Reported	
	No Commerce Reported	
Non-project		
OTHER PUGET SOUND AREA PORTS, WA (NET)	2100 crude petroleum	14,001
	2211 gasoline	3,686
	2330 distillate fuel oil	949
	2340 residual fuel oil	449
	2350 lube oil & greases	9
	2429 naphtha & solvents	50
	2540 petroleum coke	43
	2640 hydrocarbon & petrol gases, liquefied and gaseous	84
	2990 petro. products nec	16
	4161 wood chips	7
	4170 wood in the rough	292
	4189 lumber	3
	4331 sand & gravel	1,278
	4420 iron & steel scrap	2
	4650 aluminum ore	383
	4900 non-metal. min. nec	63
	5290 misc. mineral prod.	2
	5480 fab. metal products	1
	7110 machinery (not elec)	20
	7210 vehicles & parts	397
	7400 manufac. wood prod.	2
	9900 unknown or nec	4
	<b>Total Tons(x1000)</b>	<b>21,740</b>

KETCHIKAN HARBOR, AK

Section Included: Tongass Narrows from Point Higgins on the north to Mountain Point on the south and including Herring Bay on George Inlet.  
 Controlling Depth: Main Harbor, adequate; small boat basins, Ketchikan Creek, 10.0 feet; Bar Point, 15 feet. Project Depth: No project depth for Main Harbor; small boat basins, 10 and 15 feet. All depths refer to mllw.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	596	2004	651	2007	595	2010	571
2002	753	2005	674	2008	462		
2003	680	2006	632	2009	593		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Foreign	Canadian	Domestic					
		Outbound	Inbound	Total		Coastwise			
				Receipts	Shipments	Receipts	Shipments		
<b>Total, all commodities</b>	<b>571</b>	<b>58</b>	<b>131</b>	<b>381</b>	<b>59</b>	<b>18</b>	<b>119</b>	<b>185</b>	
<b>Total coal</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>0</b>	<b>—</b>	
1100 coal & lignite	0	—	—	0	—	—	0	—	
<b>Total petroleum and petroleum products</b>	<b>314</b>	<b>—</b>	<b>131</b>	<b>183</b>	<b>59</b>	<b>18</b>	<b>9</b>	<b>97</b>	
<b>Subtotal petroleum products</b>	<b>314</b>	<b>—</b>	<b>131</b>	<b>183</b>	<b>59</b>	<b>18</b>	<b>9</b>	<b>97</b>	
2211 gasoline	165	—	59	106	50	9	3	44	
2330 distillate fuel oil	140	—	72	68	9	9	0	50	
2350 lube oil & greases	0	—	—	0	—	—	0	—	
2429 naphtha & solvents	0	—	—	0	—	—	0	0	
2430 asphalt, tar & pitch	0	—	—	0	—	—	0	0	
2540 petroleum coke	0	—	—	0	—	—	0	—	
2640 hydrocarbon & petrol gases, liquefied and gaseous	3	—	—	3	—	—	2	1	
2990 petro. products nec	5	—	—	5	—	0	3	2	
<b>Total chemicals and related products</b>	<b>7</b>	<b>—</b>	<b>—</b>	<b>7</b>	<b>—</b>	<b>—</b>	<b>6</b>	<b>2</b>	
<b>Subtotal other chemicals and related products</b>	<b>7</b>	<b>—</b>	<b>—</b>	<b>7</b>	<b>—</b>	<b>—</b>	<b>6</b>	<b>2</b>	
3220 alcohols	0	—	—	0	—	—	0	0	
3260 organic comp. nec	4	—	—	4	—	—	3	0	
3276 metallic salts	0	—	—	0	—	—	0	0	
3282 pigments & paints	0	—	—	0	—	—	0	0	
3286 plastics	0	—	—	0	—	—	0	0	
3293 explosives	2	—	—	2	—	—	1	1	
3299 chem. products nec	1	—	—	1	—	—	0	0	
<b>Total crude materials, inedible except fuels</b>	<b>71</b>	<b>58</b>	<b>—</b>	<b>13</b>	<b>—</b>	<b>—</b>	<b>8</b>	<b>5</b>	
<b>Subtotal forest products, wood and chips</b>	<b>67</b>	<b>58</b>	<b>—</b>	<b>8</b>	<b>—</b>	<b>—</b>	<b>6</b>	<b>2</b>	
4150 fuel wood	0	—	—	0	—	—	0	0	
4170 wood in the rough	60	58	—	1	—	—	1	1	
4189 lumber	5	—	—	5	—	—	4	1	
4190 forest products nec	2	—	—	2	—	—	1	0	
<b>Subtotal pulp and waste paper</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>0</b>	
4225 pulp & waste paper	0	—	—	0	—	—	0	0	
<b>Subtotal iron ore and scrap</b>	<b>2</b>	<b>—</b>	<b>—</b>	<b>2</b>	<b>—</b>	<b>—</b>	<b>0</b>	<b>2</b>	
4410 iron ore	0	—	—	0	—	—	—	0	
4420 iron & steel scrap	2	—	—	2	—	—	0	2	
<b>Subtotal other non-metal. min.</b>	<b>2</b>	<b>—</b>	<b>—</b>	<b>2</b>	<b>—</b>	<b>—</b>	<b>2</b>	<b>0</b>	
4900 non-metal. min. nec	2	—	—	2	—	—	2	0	
<b>Total primary manufactured goods</b>	<b>27</b>	<b>—</b>	<b>1</b>	<b>27</b>	<b>—</b>	<b>—</b>	<b>21</b>	<b>6</b>	
<b>Subtotal paper products</b>	<b>4</b>	<b>—</b>	<b>—</b>	<b>4</b>	<b>—</b>	<b>—</b>	<b>3</b>	<b>1</b>	
5110 newsprint	0	—	—	0	—	—	0	—	
5120 paper & paperboard	0	—	—	0	—	—	—	0	
5190 paper products nec	4	—	—	4	—	—	2	1	
<b>Subtotal lime, cement and glass</b>	<b>12</b>	<b>—</b>	<b>1</b>	<b>12</b>	<b>—</b>	<b>—</b>	<b>10</b>	<b>2</b>	
5220 cement & concrete	6	—	—	6	—	—	5	1	
5240 glass & glass prod.	0	—	—	0	—	—	0	0	
5290 misc. mineral prod.	6	—	1	5	—	—	5	0	
<b>Subtotal primary iron and steel products</b>	<b>1</b>	<b>—</b>	<b>—</b>	<b>1</b>	<b>—</b>	<b>—</b>	<b>1</b>	<b>0</b>	
5360 i&s bars & shapes	1	—	—	1	—	—	1	0	
5370 i&s pipe & tube	0	—	—	0	—	—	0	0	
5390 primary i&s nec	0	—	—	0	—	—	0	—	
<b>Subtotal primary non-ferrous metal products</b>	<b>9</b>	<b>—</b>	<b>—</b>	<b>9</b>	<b>—</b>	<b>—</b>	<b>6</b>	<b>3</b>	
5480 fab. metal products	9	—	—	9	—	—	6	3	
<b>Subtotal primary wood products</b>	<b>1</b>	<b>—</b>	<b>—</b>	<b>1</b>	<b>—</b>	<b>—</b>	<b>1</b>	<b>0</b>	
5540 primary wood prod.	1	—	—	1	—	—	1	0	
<b>Total food and farm products</b>	<b>88</b>	<b>—</b>	<b>0</b>	<b>88</b>	<b>—</b>	<b>—</b>	<b>44</b>	<b>44</b>	
<b>Subtotal fish</b>	<b>36</b>	<b>—</b>	<b>0</b>	<b>36</b>	<b>—</b>	<b>—</b>	<b>13</b>	<b>23</b>	
6134 fish (not shellfish)	35	—	0	35	—	—	12	22	
6136 shellfish	1	—	—	1	—	—	1	1	
<b>Subtotal other agricultural products</b>	<b>52</b>	<b>—</b>	<b>—</b>	<b>52</b>	<b>—</b>	<b>—</b>	<b>32</b>	<b>21</b>	
6835 fish, prepared	15	—	—	15	—	—	1	14	
6858 fruit juices	2	—	—	2	—	—	2	0	
6885 alcoholic beverages	4	—	—	4	—	—	3	0	
6887 groceries	20	—	—	20	—	—	16	4	
6888 water & ice	0	—	—	0	—	—	—	0	
6889 food products nec	12	—	—	12	—	—	9	2	
6899 farm products nec	0	—	—	0	—	—	0	—	
<b>Total all manufactured equipment, machinery and products</b>	<b>50</b>	<b>—</b>	<b>—</b>	<b>50</b>	<b>0</b>	<b>0</b>	<b>31</b>	<b>19</b>	
7110 machinery (not elec)	7	—	—	7	0	0	4	3	
7120 electrical machinery	1	—	—	1	—	—	1	0	

KETCHIKAN HARBOR, AK  
Freight Traffic, 2010 - continued  
(thousand short tons)

Commodity	Grand Total	Foreign		Domestic					
		Outbound	Inbound	Total		Coastwise		Internal	
				Receipts	Shipments	Receipts	Shipments	Receipts	Shipments
7210 vehicles & parts	6	—	—	6	0	—	—	4	2
7230 ships & boats	1	—	—	1	0	—	—	1	0
7400 manufac. wood prod.	4	—	—	4	—	—	—	3	1
7500 textile products	2	—	—	2	—	—	—	1	0
7600 rubber & plastic pr.	1	—	—	1	—	—	—	0	0
7900 manufac. prod. nec	28	—	—	28	0	0	—	16	12
<b>Total waste and scrap nec</b>	<b>13</b>	—	—	<b>13</b>	—	—	—	<b>0</b>	<b>13</b>
8900 waste and scrap nec	13	—	—	13	—	—	—	0	13

WRANGELL NARROWS, AK

Section Included: Entire 24 mile long waterway. Controlling Depth: 26 feet in the anchorage basin and 24 feet in the authorized channel with exception of the area near Colorado Reef where a depth of 21.6 feet exists. Project Depth: 27 feet through Petersburg Bar; 26 feet in anchorage basin, vicinity of mile 14; all other, 24 feet. All depths refer to mllw.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	530	2004	733	2007	842	<b>2010</b>	<b>964</b>
2002	568	2005	747	2008	617		
2003	766	2006	873	2009	798		

Freight Traffic, 2010 (thousand short tons)

Commodity	Total	Canadian	
		Through	Upbound
<b>Total, all commodities</b>	<b>7</b>	<b>7</b>	<b>7</b>
<b>Total crude materials, inedible except fuels</b>	<b>4</b>	<b>4</b>	<b>4</b>
Subtotal soil, sand, gravel, rock and stone	4	4	4
4331 sand & gravel	4	4	4
<b>Total food and farm products</b>	<b>0</b>	<b>0</b>	<b>0</b>
Subtotal fish	0	0	0
6134 fish (not shellfish)	0	0	0
<b>Total unknown or not elsewhere classified</b>	<b>3</b>	<b>3</b>	<b>3</b>
9900 unknown or nec	3	3	3
Ton-miles (x1000)		171	171
Canadian			

Commodity	Total	Coastwise		
		Receipts	Through	Upbound
<b>Total, all commodities</b>	<b>401</b>	<b>4</b>	<b>369</b>	<b>28</b>
<b>Total coal</b>	<b>0</b>	<b>—</b>	<b>0</b>	<b>—</b>
1100 coal & lignite	0	—	0	—
<b>Total petroleum and petroleum products</b>	<b>121</b>	<b>4</b>	<b>109</b>	<b>8</b>
Subtotal crude petroleum	3	—	3	—
2100 crude petroleum	3	—	3	—
Subtotal petroleum products	118	4	106	8
2211 gasoline	51	2	44	5
2330 distillate fuel oil	62	2	58	2
2350 lube oil & greases	0	—	0	—
2429 naphtha & solvents	0	—	0	—
2430 asphalt, tar & pitch	0	—	0	—
2540 petroleum coke	0	—	0	—
2640 hydrocarbon & petrol gases, liquefied and gaseous	2	—	2	0
2990 petro. products nec	2	—	2	0
<b>Total chemicals and related products</b>	<b>5</b>	<b>—</b>	<b>5</b>	<b>0</b>
Subtotal fertilizers	0	—	0	—
3190 fert. & mixes nec	0	—	0	—
Subtotal other chemicals and related products	5	—	5	0
3220 alcohols	1	—	1	—
3260 organic comp. nec	0	—	0	—
3276 metallic salts	0	—	0	—
3282 pigments & paints	0	—	0	—
3286 plastics	3	—	3	—
3297 chemical additives	0	—	0	—
3299 chem. products nec	1	—	1	0
<b>Total crude materials, inedible except fuels</b>	<b>44</b>	<b>—</b>	<b>42</b>	<b>2</b>
Subtotal forest products, wood and chips	34	—	34	0
4110 rubber & gums	1	—	1	—
4150 fuel wood	0	—	0	—
4170 wood in the rough	1	—	1	—
4189 lumber	29	—	29	0
4190 forest products nec	3	—	3	—
Subtotal pulp and waste paper	0	—	—	0
4225 pulp & waste paper	0	—	0	—
Subtotal soil, sand, gravel, rock and stone	1	—	0	1
4331 sand & gravel	0	—	0	—
4338 soil & fill dirt	1	—	—	1

KETCHIKAN HARBOR, AK  
Freight Traffic, 2010 - continued  
(thousand short tons)

Commodity	Total	Coastwise			
		Receipts	Through		
		Upbound	Downbnd		
<b>Subtotal iron ore and scrap</b>	<b>0</b>	—	0	0	0
4420 iron & steel scrap	0	—	0	0	0
<b>Subtotal slag</b>	<b>0</b>	—	0	—	—
4860 slag	0	—	0	—	—
<b>Subtotal other non-metal. min.</b>	<b>8</b>	—	8	0	0
4900 non-metal. min. nec	8	—	8	0	0
<b>Total primary manufactured goods</b>	<b>80</b>	—	<b>80</b>	0	0
<b>Subtotal paper products</b>	<b>8</b>	—	<b>8</b>	—	—
5110 newsprint	3	—	3	—	—
5190 paper products nec	5	—	5	—	—
<b>Subtotal lime, cement and glass</b>	<b>37</b>	—	<b>37</b>	0	0
5210 lime	0	—	0	—	—
5220 cement & concrete	9	—	9	—	—
5240 glass & glass prod.	3	—	3	0	0
5290 misc. mineral prod.	25	—	25	0	0
<b>Subtotal primary iron and steel products</b>	<b>4</b>	—	<b>4</b>	—	—
5330 i&s plates & sheets	1	—	1	—	—
5360 i&s bars & shapes	3	—	3	—	—
5370 i&s pipe & tube	1	—	1	—	—
5390 primary i&s nec	0	—	0	—	—
<b>Subtotal primary non-ferrous metal products</b>	<b>24</b>	—	<b>24</b>	0	0
5421 copper	0	—	0	—	—
5480 fab. metal products	24	—	24	0	0
<b>Subtotal primary wood products</b>	<b>7</b>	—	<b>7</b>	0	0
5540 primarv wood prod.	7	—	7	0	0
<b>Total food and farm products</b>	<b>63</b>	—	<b>50</b>	<b>13</b>	—
<b>Subtotal fish</b>	<b>9</b>	—	<b>4</b>	<b>5</b>	—
6134 fish (not shellfish)	9	—	4	5	—
6136 shellfish	0	—	0	0	0
<b>Subtotal processed grain and animal feed</b>	<b>8</b>	—	<b>7</b>	<b>0</b>	0
6747 grain mill products	6	—	6	—	—
6781 hay & fodder	0	—	0	—	—
6782 animal feed, prep.	1	—	1	0	0
<b>Subtotal other agricultural products</b>	<b>46</b>	—	<b>39</b>	<b>7</b>	—
6811 meat, fresh, frozen	0	—	0	—	—
6835 fish, prepared	7	—	0	7	0
6838 tallow, animal oils	0	—	—	—	—
6885 alcoholic beverages	6	—	6	—	—
6887 groceries	9	—	9	0	0
6888 water & ice	4	—	4	—	—
6889 food products nec	19	—	19	—	—
6899 farm products nec	2	—	2	—	—
<b>Total all manufactured equipment, machinery and products</b>	<b>87</b>	<b>0</b>	<b>83</b>	<b>4</b>	—
7110 machinery (not elec)	8	—	7	1	—
7120 electrical machinery	0	—	0	0	0
7210 vehicles & parts	7	0	6	1	0
7230 ships & boats	1	—	1	0	0
7400 manufac. wood prod.	9	—	9	0	0
7500 textile products	0	—	0	0	0
7600 rubber & plastic pr.	0	—	0	0	0
7900 manufac. prod. nec	61	0	59	2	—
<b>Total waste and scrap nec</b>	<b>0</b>	—	—	0	0
8900 waste and scrap nec	0	—	—	0	0
<b>Ton-miles (x1000)</b>	<b>9,851</b>	<b>104</b>	<b>9,057</b>	<b>691</b>	—
<b>Coastwise</b>					

Commodity	Total	Internal					
		Inbound		Outbound		Through	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
<b>Total, all commodities</b>	<b>556</b>	<b>61</b>	<b>22</b>	<b>35</b>	<b>43</b>	<b>299</b>	<b>97</b>
<b>Total petroleum and petroleum products</b>	<b>119</b>	<b>14</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>96</b>	<b>4</b>
<b>Subtotal petroleum products</b>	<b>119</b>	<b>14</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>96</b>	<b>4</b>
2211 gasoline	48	4	0	0	0	40	4
2330 distillate fuel oil	46	5	—	—	—	41	—
2350 lube oil & greases	5	3	0	1	0	1	—
2429 naphtha & solvents	1	0	0	0	0	1	0
2430 asphalt, tar & pitch	4	1	—	1	0	2	0
2540 petroleum coke	7	1	0	0	0	6	—
2640 hydrocarbon & petrol gases, liquefied and gaseous	4	1	0	0	0	3	0
2990 petro. products nec	4	1	—	—	—	3	0
<b>Total chemicals and related products</b>	<b>9</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>6</b>	<b>1</b>
<b>Subtotal fertilizers</b>	<b>0</b>	<b>0</b>	<b>—</b>	<b>0</b>	<b>—</b>	<b>0</b>	<b>—</b>
3110 nitrogenous fert.	0	0	—	0	—	0	—
3190 fert. & mixes nec	0	0	—	—	—	—	—
<b>Subtotal other chemicals and related products</b>	<b>8</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>1</b>
3220 alcohols	0	0	—	—	—	0	—
3240 nitrogen func. comp.	0	—	—	—	—	0	—
3260 organic comp. nec	3	1	0	0	0	2	—
3276 metallic salts	0	0	—	—	—	0	—
3282 pigments & paints	1	0	0	0	0	1	0
3283 coloring mat. nec	0	—	—	—	—	0	—

KETCHIKAN HARBOR, AK  
Freight Traffic, 2010 - continued  
(thousand short tons)

Commodity	Total	Internal					
		Inbound		Outbound		Through	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
3284 medicines	0	—	—	—	—	0	—
3286 plastics	0	0	0	0	—	0	0
3293 explosives	0	0	0	0	0	0	0
3297 chemical additives	0	—	—	—	—	—	—
3299 chem. products nec	3	0	0	0	0	3	0
<b>Total crude materials, inedible except fuels</b>	<b>15</b>	<b>3</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>9</b>	<b>3</b>
<b>Subtotal forest products, wood and chips</b>	<b>9</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>0</b>
4150 fuel wood	1	0	—	0	—	1	—
4170 wood in the rough	0	0	0	0	—	0	—
4189 lumber	5	0	—	—	0	4	0
4190 forest products nec	4	1	0	0	0	2	0
<b>Subtotal pulp and waste paper</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>0</b>
4225 pulp & waste paper	0	—	—	—	—	—	—
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>0</b>	<b>0</b>	<b>0</b>
4331 sand & gravel	0	—	—	—	—	0	—
4338 soil & fill dirt	0	—	—	—	0	—	—
<b>Subtotal iron ore and scrap</b>	<b>2</b>	<b>—</b>	<b>0</b>	<b>—</b>	<b>0</b>	<b>—</b>	<b>2</b>
4410 iron ore	2	—	—	—	—	—	2
4420 iron & steel scrap	1	—	0	—	0	—	1
<b>Subtotal other non-metal. min.</b>	<b>3</b>	<b>1</b>	<b>—</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>
4900 non-metal. min. nec	3	1	—	1	0	1	0
<b>Total primary manufactured goods</b>	<b>88</b>	<b>10</b>	<b>1</b>	<b>4</b>	<b>1</b>	<b>65</b>	<b>8</b>
<b>Subtotal paper products</b>	<b>7</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>4</b>	<b>2</b>
5110 newsprint	0	0	—	0	—	0	—
5120 paper & paperboard	2	—	0	—	0	—	2
5190 paper products nec	5	1	0	0	0	3	0
<b>Subtotal lime, cement and glass</b>	<b>60</b>	<b>5</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>50</b>	<b>3</b>
5210 lime	2	—	—	—	—	2	—
5220 cement & concrete	41	1	—	1	0	36	3
5240 glass & glass prod.	4	0	—	0	0	4	0
5290 misc. mineral prod.	13	3	0	1	0	9	0
<b>Subtotal primary iron and steel products</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>
5360 i&s bars & shapes	1	0	—	0	—	0	—
5370 i&s pipe & tube	1	0	0	0	0	1	0
5390 primary i&s nec	0	—	—	—	—	0	—
<b>Subtotal primary non-ferrous metal products</b>	<b>17</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>8</b>	<b>3</b>
5421 copper	0	—	—	—	—	0	—
5480 fab. metal products	17	3	1	1	1	8	3
<b>Subtotal primary wood products</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>—</b>	<b>2</b>	<b>0</b>
5540 primar wood prod.	3	0	0	0	—	2	0
<b>Total food and farm products</b>	<b>172</b>	<b>15</b>	<b>8</b>	<b>10</b>	<b>24</b>	<b>61</b>	<b>53</b>
<b>Subtotal fish</b>	<b>57</b>	<b>1</b>	<b>7</b>	<b>0</b>	<b>16</b>	<b>0</b>	<b>32</b>
6134 fish (not shellfish)	56	1	7	0	16	0	32
6136 shellfish	1	0	0	0	1	0	0
<b>Subtotal processed grain and animal feed</b>	<b>1</b>	<b>0</b>	<b>—</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
6747 grain mill products	0	—	—	—	0	—	—
6781 hay & fodder	0	—	—	—	—	0	—
6782 animal feed, prep.	0	0	—	0	—	0	0
<b>Subtotal other agricultural products</b>	<b>114</b>	<b>15</b>	<b>1</b>	<b>10</b>	<b>8</b>	<b>60</b>	<b>21</b>
6822 dairy products	0	0	—	0	—	—	—
6835 fish, prepared	12	0	1	—	7	—	4
6838 tallow, animal oils	0	—	—	—	0	—	0
6858 fruit juices	1	—	—	—	—	1	0
6885 alcoholic beverages	30	1	0	1	0	12	16
6887 groceries	55	12	0	8	0	34	0
6889 food products nec	16	1	0	1	0	14	0
6891 tobacco & products	0	—	—	—	—	0	—
6899 farm products nec	0	0	—	0	—	0	—
<b>Total all manufactured equipment, machinery and products</b>	<b>135</b>	<b>18</b>	<b>7</b>	<b>16</b>	<b>8</b>	<b>62</b>	<b>25</b>
7110 machinery (not elec)	11	1	1	1	1	5	2
7120 electrical machinery	2	0	0	0	0	1	0
7210 vehicles & parts	9	1	0	1	1	5	2
7220 aircraft & parts	0	—	—	—	—	0	0
7230 ships & boats	1	0	0	0	0	0	0
7300 ordnance & access.	0	0	—	0	—	0	0
7400 manufac. wood prod.	12	3	0	3	0	6	0
7500 textile products	2	0	0	0	0	2	0
7600 rubber & plastic pr.	1	0	0	0	0	1	0
7900 manufac. prod. nec	96	11	5	10	6	43	21
<b>Total waste and scrap nec</b>	<b>18</b>	<b>—</b>	<b>6</b>	<b>—</b>	<b>9</b>	<b>0</b>	<b>3</b>
8900 waste and scrap nec	18	—	6	—	9	0	3
<b>Ton-miles (x1000)</b>	<b>12,331</b>	<b>1,312</b>	<b>88</b>	<b>138</b>	<b>907</b>	<b>7,467</b>	<b>2,420</b>
Internal							
Tons All Traffic (x1000)	964						
Ton-miles All Traffic (x1000)	22,355						
Total Trip-ton-miles Internal and Intraport (x1000)	424,334						

JUNEAU HARBOR, AK

Section Included: The northside of Gastineau Channel including Theaurora Basin small boat harbor. The city dock facility has a 200 foot sea plane and medium draft dock and a 500 foot commercial dock with a 40 foot depth. Three area small boat harbors accomodate 2,700 small boats and have water depths of 12 & 14 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	576	2004	544	2007	417	2010	346
2002	469	2005	372	2008	298		
2003	567	2006	397	2009	302		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Domestic			
		Coastwise		Internal	
		Receipts	Shipments	Inbound	Outbound
Upbound	Downbnd				
<b>Total, all commodities</b>	<b>346</b>	<b>72</b>	<b>2</b>	<b>189</b>	<b>84</b>
<b>Total petroleum and petroleum products</b>	<b>103</b>	<b>44</b>	<b>1</b>	<b>48</b>	<b>10</b>
<b>Subtotal petroleum products</b>	<b>103</b>	<b>44</b>	<b>1</b>	<b>48</b>	<b>10</b>
2211 gasoline	52	28	0	23	0
2330 distillate fuel oil	35	17	—	19	—
2350 lube oil & greases	8	0	0	0	8
2429 naphtha & solvents	0	—	0	0	0
2430 asphalt, tar & pitch	1	—	0	1	1
2540 petroleum coke	4	—	0	2	1
2640 hydrocarbon & petrol gases, liquefied and gaseous	2	—	0	2	0
2990 petro. products nec	1	—	—	1	0
<b>Total chemicals and related products</b>	<b>12</b>	<b>1</b>	<b>0</b>	<b>3</b>	<b>7</b>
<b>Subtotal other chemicals and related products</b>	<b>12</b>	<b>1</b>	<b>0</b>	<b>3</b>	<b>7</b>
3220 alcohols	0	—	—	0	—
3240 nitrogen func. comp.	0	—	—	0	—
3260 organic comp. nec	7	—	—	1	6
3276 metallic salts	1	1	—	—	—
3282 pigments & paints	1	—	0	1	0
3283 coloring mat. nec	0	—	—	0	—
3284 medicines	0	—	—	0	—
3286 plastics	0	—	—	0	—
3293 explosives	2	0	—	1	1
3297 chemical additives	0	—	—	0	—
3299 chem. products nec	1	—	—	1	1
<b>Total crude materials, inedible except fuels</b>	<b>14</b>	<b>6</b>	<b>0</b>	<b>7</b>	<b>1</b>
<b>Subtotal forest products, wood and chips</b>	<b>6</b>	<b>—</b>	<b>—</b>	<b>6</b>	<b>0</b>
4150 fuel wood	1	—	—	1	—
4170 wood in the rough	0	—	—	0	—
4189 lumber	4	—	—	4	0
4190 forest products nec	2	—	—	2	0
<b>Subtotal pulp and waste paper</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>0</b>
4225 pulp & waste paper	0	—	—	—	0
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>0</b>	<b>0</b>
4331 sand & gravel	0	—	—	0	—
4338 soil & fill dirt	0	—	—	0	—
<b>Subtotal iron ore and scrap</b>	<b>0</b>	<b>—</b>	<b>0</b>	<b>—</b>	<b>0</b>
4420 iron & steel scrap	0	—	—	—	0
<b>Subtotal non-ferrous ores and scrap</b>	<b>6</b>	<b>6</b>	<b>—</b>	<b>—</b>	<b>—</b>
4630 copper ore	6	6	—	—	—
<b>Subtotal other non-metal. min.</b>	<b>1</b>	<b>—</b>	<b>0</b>	<b>1</b>	<b>0</b>
4900 non-metal. min. nec	1	—	0	1	0
<b>Total primary manufactured goods</b>	<b>46</b>	<b>11</b>	<b>0</b>	<b>29</b>	<b>5</b>
<b>Subtotal paper products</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>2</b>
5110 newsprint	0	—	—	0	—
5120 paper & paperboard	2	—	—	—	2
5190 paper products nec	3	0	0	3	0
<b>Subtotal lime, cement and glass</b>	<b>30</b>	<b>11</b>	<b>0</b>	<b>18</b>	<b>1</b>
5210 lime	11	11	—	0	0
5220 cement & concrete	7	0	0	6	1
5240 glass & glass prod.	4	0	—	4	0
5290 misc. mineral prod.	8	0	0	8	0
<b>Subtotal primary iron and steel products</b>	<b>1</b>	<b>—</b>	<b>0</b>	<b>1</b>	<b>0</b>
5360 i&s bars & shapes	0	—	0	0	0
5370 i&s pipe & tube	1	—	0	1	0
5390 primary i&s nec	0	—	—	0	—
<b>Subtotal primary non-ferrous metal products</b>	<b>9</b>	<b>—</b>	<b>0</b>	<b>6</b>	<b>3</b>
5421 copper	0	—	—	0	—
5480 fab. metal products	9	—	0	6	3
<b>Subtotal primary wood products</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>
5540 primarv wood prod.	1	0	0	1	0
<b>Total food and farm products</b>	<b>72</b>	<b>—</b>	<b>0</b>	<b>45</b>	<b>27</b>
<b>Subtotal fish</b>	<b>6</b>	<b>—</b>	<b>—</b>	<b>0</b>	<b>6</b>
6134 fish (not shellfish)	6	—	—	0	6
6136 shellfish	0	—	—	0	0
<b>Subtotal processed grain and animal feed</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>0</b>	<b>0</b>
6781 hay & fodder	0	—	—	0	—
6782 animal feed, prep.	0	—	—	0	0
<b>Subtotal other agricultural products</b>	<b>66</b>	<b>—</b>	<b>0</b>	<b>45</b>	<b>21</b>
6835 fish, prepared	2	—	—	—	2
6838 tallow, animal oils	0	—	—	—	0
6858 fruit juices	1	—	—	1	—
6885 alcoholic beverages	21	—	0	4	17
6887 groceries	30	—	0	29	1
6889 food products nec	12	—	0	11	2

JUNEAU HARBOR, AK  
Freight Traffic, 2010 - continued  
(thousand short tons)

Commodity	Grand Total	Domestic			
		Coastwise		Internal	
		Receipts	Shipments	Inbound	Outbound
6891 tobacco & products	0	—	—	0	—
6899 farm products nec	0	—	—	0	—
<b>Total all manufactured equipment, machinery and products</b>	<b>100</b>	<b>9</b>	<b>0</b>	<b>57</b>	<b>34</b>
7110 machinery (not elec)	9	0	0	5	4
7120 electrical machinery	1	—	0	1	0
7210 vehicles & parts	7	0	0	5	2
7220 aircraft & parts	0	—	—	—	0
7230 ships & boats	1	—	0	0	0
7300 ordnance & access.	0	—	—	0	—
7400 manufac. wood prod.	5	—	0	4	0
7500 textile products	4	—	0	2	1
7600 rubber & plastic pr.	1	—	0	0	0
7900 manufac. prod. nec	72	9	0	38	25
<b>Total waste and scrap nec</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>0</b>	<b>0</b>
8900 waste and scrap nec	0	—	—	0	0

Tons All Traffic (x1000) **346**  
Total Trip-ton-miles Internal and Intraport (x1000) **200,326**

VALDEZ HARBOR, AK

NON-CORPS PROJECT

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	50,977	2004	46,820	2007	37,775	<b>2010</b>	<b>31,902</b>
2002	50,513	2005	44,448	2008	35,967		
2003	49,857	2006	36,153	2009	34,473		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Domestic			
		Coastwise		Internal	
		Receipts	Shipments	Outbound	Downbnd
<b>Total, all commodities</b>	<b>31,902</b>	<b>36</b>	<b>31,863</b>	<b>3</b>	<b>—</b>
<b>Total petroleum and petroleum products</b>	<b>31,893</b>	<b>36</b>	<b>31,857</b>	<b>—</b>	<b>—</b>
Subtotal crude petroleum	31,445	—	31,445	—	—
2100 crude petroleum	31,445	—	31,445	—	—
Subtotal petroleum products	448	36	412	—	—
2211 gasoline	361	28	332	—	—
2330 distillate fuel oil	84	4	80	—	—
2340 residual fuel oil	4	4	0	—	—
2640 hydrocarbon & petrol gases. liquefied and gaseous	0	—	0	—	—
<b>Total food and farm products</b>	<b>9</b>	<b>—</b>	<b>6</b>	<b>3</b>	<b>—</b>
Subtotal fish	8	—	5	3	—
6134 fish (not shellfish)	8	—	5	3	—
Subtotal other agricultural products	1	—	0	0	—
6835 fish, prepared	1	—	0	0	—
<b>Total all manufactured equipment, machinery and products</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>0</b>	<b>—</b>
7900 manufac. prod. nec	0	—	—	—	—
<b>Ton-miles (x1000)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Tons All Traffic (x1000) **31,902**  
Ton-miles All Traffic (x1000) **0**  
Total Trip-ton-miles Internal and Intraport (x1000) **226**

SEWARD HARBOR, AK

Section Included: Alaska Railroad Dock, the Seward Boat Basin including the City Dock, and the Dry Bulk Terminal. Controlling Depth: 35 feet below mlw at the Railroad Dock; 15 feet in the 200 foot entrance channel to the boat basin and at the City Dock; 12.5 feet in the boat mooring area. The Dry Bulk Terminal has controlling depth of 58 feet mlw.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	641	2004	599	2007	251	<b>2010</b>	<b>959</b>
2002	392	2005	523	2008	592		
2003	203	2006	429	2009	904		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Foreign		Domestic	
		Outbound		Coastwise	
		Receipts		Receipts	
<b>Total, all commodities</b>	<b>959</b>	<b>949</b>	<b>11</b>	<b>—</b>	<b>—</b>
<b>Total coal</b>	<b>949</b>	<b>949</b>	<b>—</b>	<b>—</b>	<b>—</b>
1100 coal & lignite	949	949	—	—	—
<b>Total petroleum and petroleum products</b>	<b>0</b>	<b>—</b>	<b>0</b>	<b>—</b>	<b>—</b>
Subtotal petroleum products	0	—	0	—	—
2990 petro. products nec	0	—	0	—	0

ANCHORAGE, AK  
Freight Traffic, 2010 - continued  
(thousand short tons)

	Commodity	Grand Total	Foreign	Domestic
			Outbound	Coastwise Receipts
<b>Total chemicals and related products</b>		0	—	0
<b>Subtotal other chemicals and related products</b>		0	—	0
3220   alcohols		0	—	0
3286   plastics		0	—	0
<b>Total crude materials, inedible except fuels</b>		3	—	3
<b>Subtotal forest products, wood and chips</b>		3	—	3
4170   wood in the rough		0	—	—
4189   lumber		80	—	1
4190   forest products nec		3	—	0
<b>Subtotal pulp and waste paper</b>		0	—	—
4225   pulp & waste paper		0	—	—
<b>Subtotal soil, sand, gravel, rock and stone</b>		20	—	20
4331   sand & gravel		20	—	20
<b>Total primary manufactured goods</b>		6	—	6
<b>Subtotal lime, cement and glass</b>		4	—	4
5220   cement & concrete		0	—	0
5240   glass & glass prod.		0	—	0
5290   misc. mineral prod.		4	—	4
<b>Subtotal primary non-ferrous metal products</b>		0	—	0
5480   fab. metal products		0	—	0
<b>Subtotal primary wood products</b>		1	—	1
5540   primarv wood prod.		1	—	1
<b>Total all manufactured equipment, machinery and products</b>		2	—	2
7110   machinery (not elec)		0	—	0
7210   vehicles & parts		0	—	0
7400   manufac. wood prod.		1	—	1
7900   manufac. prod. nec		0	—	0

ANCHORAGE, AK

Section Included: Knik Arm from the Municipal Terminal on the north to and including terminal facilities on Ship Creek. Controlling Depth: 35 feet off the face of the City Dock; the approach channel north of Fire Island, to Point Woronzof, 28.5 feet. Project Depth: 35 feet. All depths refer to mllw.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	2,861	2004	3,320	2007	2,633	2010	2,770
2002	2,983	2005	3,527	2008	2,405		
2003	3,179	2006	2,927	2009	2,193		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Inbound	Outbound	Inbound	Total	Coastwise	Shipments	Internal
					Total	Receipts	Shipments	Receipts
<b>Total, all commodities</b>	<b>2,770</b>	<b>489</b>	<b>32</b>	<b>37</b>	<b>2,212</b>	<b>1,923</b>	<b>254</b>	<b>3</b>
<b>Total coal</b>	<b>1</b>	—	1	—	—	—	—	—
1100 coal & lignite	1	—	1	—	—	—	—	—
<b>Total petroleum and petroleum products</b>	<b>865</b>	<b>364</b>	—	<b>19</b>	<b>482</b>	<b>388</b>	<b>79</b>	<b>3</b>
<b>Subtotal petroleum products</b>	<b>865</b>	<b>364</b>	—	<b>19</b>	<b>482</b>	<b>388</b>	<b>79</b>	<b>3</b>
2211 gasoline	767	341	—	6	420	364	44	3
2330 distillate fuel oil	68	23	—	14	31	—	28	3
2350 lube oil & greases	28	—	—	—	28	22	6	—
2640 hydrocarbon & petrol gases, liquefied and gaseous	0	—	—	0	0	0	0	—
2990 petro. products nec	2	—	—	—	2	1	0	—
<b>Total chemicals and related products</b>	<b>2</b>	<b>0</b>	—	<b>0</b>	<b>2</b>	<b>2</b>	<b>0</b>	—
<b>Subtotal other chemicals and related products</b>	<b>2</b>	<b>0</b>	—	<b>0</b>	<b>2</b>	<b>2</b>	<b>0</b>	—
3212 benzene & toluene	0	—	—	—	0	0	—	—
3220 alcohols	0	—	—	0	0	0	0	—
3230 carboxylic acids	0	—	—	—	0	0	—	—
3260 organic comp. nec	0	—	—	—	0	0	0	—
3275 inorg. elem., oxides, & halogen salts	0	—	—	—	0	0	0	—
3282 pigments & paints	0	—	—	—	0	0	0	—
3284 medicines	0	—	—	—	0	0	0	—
3285 perfumes & cleansers	0	—	—	—	0	0	—	—
3286 plastics	1	—	—	—	1	1	0	—
3291 pesticides	0	—	—	—	0	0	—	—
3299 chem. products nec	0	0	—	—	0	0	—	—
<b>Total crude materials, inedible except fuels</b>	<b>120</b>	—	—	<b>15</b>	<b>105</b>	<b>83</b>	<b>2</b>	<b>20</b>
<b>Subtotal forest products, wood and chips</b>	<b>83</b>	—	—	—	<b>83</b>	<b>81</b>	<b>1</b>	—
4170 wood in the rough	0	—	—	—	0	0	0	—
4189 lumber	80	—	—	—	80	78	1	—
4190 forest products nec	3	—	—	—	3	3	0	—
<b>Subtotal pulp and waste paper</b>	<b>0</b>	—	—	—	<b>0</b>	—	<b>0</b>	—
4225 pulp & waste paper	0	—	—	—	0	—	0	—
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>20</b>	—	—	—	<b>20</b>	—	—	<b>20</b>
4331 sand & gravel	20	—	—	—	20	—	—	20

ANCHORAGE, AK  
Freight Traffic, 2010 - continued  
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian Inbound	Domestic			
		Inbound	Outbound		Total	Coastwise		Internal Receipts
					Receipts	Shipments		
<b>Subtotal iron ore and scrap</b>	<b>0</b>	—	—	—	0	0	0	—
4420 iron & steel scrap	0	—	—	—	0	0	0	—
<b>Subtotal other non-metal. min.</b>	<b>17</b>	—	—	<b>15</b>	<b>2</b>	<b>2</b>	<b>0</b>	—
4900 non-metal. min. nec	17	—	—	15	2	2	0	—
<b>Total primary manufactured goods</b>	<b>191</b>	<b>124</b>	—	<b>0</b>	<b>67</b>	<b>62</b>	<b>5</b>	—
<b>Subtotal paper products</b>	<b>0</b>	<b>0</b>	—	—	0	0	0	—
5190 paper products nec	0	0	—	—	0	0	0	—
<b>Subtotal lime, cement and glass</b>	<b>151</b>	<b>118</b>	—	—	<b>33</b>	<b>32</b>	<b>1</b>	—
5220 cement & concrete	120	118	—	—	2	2	0	—
5240 glass & glass prod.	1	—	—	—	1	1	0	—
5290 misc. mineral prod.	29	—	—	—	29	28	1	—
<b>Subtotal primary iron and steel products</b>	<b>10</b>	<b>6</b>	—	—	<b>4</b>	<b>3</b>	<b>0</b>	—
5360 i&s bars & shapes	3	—	—	—	3	3	0	—
5370 i&s pipe & tube	6	6	—	—	0	0	0	—
<b>Subtotal primary non-ferrous metal products</b>	<b>13</b>	—	—	<b>0</b>	<b>13</b>	<b>10</b>	<b>3</b>	—
5422 aluminum	0	—	—	—	0	0	—	—
5480 fab. metal products	13	—	—	0	13	10	3	—
<b>Subtotal primary wood products</b>	<b>17</b>	—	—	—	<b>17</b>	<b>17</b>	<b>0</b>	—
5540 primary wood prod.	17	—	—	—	17	17	0	—
<b>Total food and farm products</b>	<b>310</b>	—	<b>30</b>	<b>0</b>	<b>280</b>	<b>263</b>	<b>17</b>	—
<b>Subtotal fish</b>	<b>44</b>	—	<b>30</b>	<b>0</b>	<b>14</b>	<b>0</b>	<b>14</b>	—
6134 fish (not shellfish)	44	—	30	0	14	0	14	—
<b>Subtotal processed grain and animal feed</b>	<b>0</b>	—	—	—	<b>0</b>	<b>0</b>	—	—
6746 wheat flour	0	—	—	—	0	0	—	—
6747 grain mill products	0	—	—	—	0	0	—	—
6782 animal feed, prep.	0	—	—	—	0	—	—	—
<b>Subtotal other agricultural products</b>	<b>266</b>	—	<b>0</b>	—	<b>266</b>	<b>263</b>	<b>2</b>	—
6822 dairy products	0	—	—	—	0	0	—	—
6835 fish, prepared	2	—	—	—	2	—	2	—
6838 tallow, animal oils	0	—	0	—	0	0	—	—
6885 alcoholic beverages	2	—	—	—	2	2	0	—
6887 groceries	203	—	—	—	203	203	0	—
6889 food products nec	59	—	—	—	59	59	—	—
<b>Total all manufactured equipment, machinery and products</b>	<b>1,261</b>	<b>0</b>	—	—	<b>1,261</b>	<b>1,113</b>	<b>148</b>	—
7110 machinery (not elec)	12	—	—	—	12	7	4	—
7120 electrical machinery	0	—	—	—	0	0	0	—
7210 vehicles & parts	95	—	—	—	95	75	19	—
7230 ships & boats	0	—	—	—	0	0	0	—
7300 ordnance & access.	1	—	—	—	1	1	0	—
7400 manufac. wood prod.	5	—	—	—	5	4	1	—
7500 textile products	0	—	—	—	0	—	0	—
7600 rubber & plastic pr.	0	—	—	—	0	0	—	—
7900 manufac. prod. nec	1,147	0	—	—	1,147	1,024	123	—
<b>Total waste and scrap nec</b>	<b>0</b>	—	—	—	<b>0</b>	—	<b>0</b>	—
8900 waste and scrap nec	0	—	—	—	0	—	0	—
<b>Total unknown or not elsewhere classified</b>	<b>20</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>17</b>	<b>13</b>	<b>4</b>	—
9900 unknown or nec	20	1	0	2	17	13	4	—

UNALASKA ISLAND, ALASKA (INCLUDING DUTCH & ILIULIUK HARBORS)

Section Included: Entire harbor. Controlling Depth: 25 feet in entrance channel at mean lower low water. Project Depth: 25 feet at mean lower low water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	899	2004	1,731	2007	1,045	<b>2010</b>	<b>1,040</b>
2002	1,166	2005	1,151	2008	1,024		
2003	1,113	2006	1,188	2009	911		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian Inbound	Domestic				
		Inbound	Outbound		Total	Coastwise			
					Receipts	Shipments			
<b>Total, all commodities</b>	<b>1,040</b>	<b>27</b>	<b>500</b>	<b>98</b>	<b>416</b>	<b>239</b>	<b>177</b>	—	
<b>Total petroleum and petroleum products</b>	<b>345</b>	<b>6</b>	—	<b>86</b>	<b>253</b>	<b>180</b>	<b>73</b>	—	
<b>Subtotal petroleum products</b>	<b>345</b>	<b>6</b>	—	<b>86</b>	<b>253</b>	<b>180</b>	<b>73</b>	—	
2211 gasoline	83	—	—	12	71	39	32	—	
2221 kerosene	4	—	—	4	—	—	—	—	
2330 distillate fuel oil	254	6	—	69	178	141	37	—	

UNALASKA ISLAND, ALASKA (INCLUDING DUTCH & ILIULUK HARBORS)  
Freight Traffic, 2010 - continued  
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian Inbound	Domestic		
		Inbound	Outbound		Total	Coastwise Receipts	Shipments
2340 residual fuel oil	2	—	—	—	2	—	2
2640 hydrocarbon & petrol gases, liquefied and gaseous	0	—	—	—	0	0	0
2990 petro. products nec	1	—	—	—	1	0	1
<b>Total chemicals and related products</b>	<b>5</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Subtotal fertilizers</b>	<b>2</b>	<b>—</b>	<b>2</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
3120 phosphatic fert.	2	—	2	—	—	—	—
<b>Subtotal other chemicals and related products</b>	<b>4</b>	<b>1</b>	<b>—</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>
3220 alcohols	0	0	—	—	0	0	—
3260 organic comp. nec	0	—	—	—	0	0	—
3275 inorg. elem., oxides, & halogen salts	0	—	—	—	0	0	—
3282 pigments & paints	0	—	—	—	0	0	0
3286 plastics	0	0	—	—	0	0	—
3292 starches, gluten, glue	0	0	—	—	—	—	—
3299 chem. products nec	3	—	—	3	0	—	0
<b>Total crude materials, inedible except fuels</b>	<b>15</b>	<b>1</b>	<b>0</b>	<b>9</b>	<b>5</b>	<b>5</b>	<b>0</b>
<b>Subtotal forest products, wood and chips</b>	<b>2</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>2</b>	<b>2</b>	<b>0</b>
4170 wood in the rough	0	—	—	—	0	0	—
4189 lumber	2	—	—	—	2	2	0
4190 forest products nec	0	—	—	—	0	0	—
<b>Subtotal pulp and waste paper</b>	<b>0</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
4225 pulp & waste paper	0	0	—	—	—	—	—
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>9</b>	<b>—</b>	<b>0</b>	<b>9</b>	<b>—</b>	<b>—</b>	<b>—</b>
4331 sand & gravel	9	—	0	9	—	—	—
<b>Subtotal iron ore and scrap</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>0</b>	<b>—</b>	<b>0</b>
4420 iron & steel scrap	0	—	—	—	0	—	0
<b>Subtotal other non-metal. min.</b>	<b>4</b>	<b>1</b>	<b>—</b>	<b>0</b>	<b>3</b>	<b>3</b>	<b>—</b>
4900 non-metal. min. nec	4	1	—	0	3	3	—
<b>Total primary manufactured goods</b>	<b>13</b>	<b>2</b>	<b>0</b>	<b>—</b>	<b>11</b>	<b>11</b>	<b>0</b>
<b>Subtotal paper products</b>	<b>5</b>	<b>1</b>	<b>—</b>	<b>—</b>	<b>4</b>	<b>4</b>	<b>—</b>
5120 paper & paperboard	0	0	—	—	—	—	—
5190 paper products nec	5	1	—	—	4	4	—
<b>Subtotal lime, cement and glass</b>	<b>2</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>2</b>	<b>1</b>	<b>0</b>
5220 cement & concrete	1	0	—	—	1	1	—
5240 glass & glass prod.	0	—	—	—	0	0	—
5290 misc. mineral prod.	1	—	—	—	1	1	0
<b>Subtotal primary iron and steel products</b>	<b>0</b>	<b>—</b>	<b>0</b>	<b>—</b>	<b>0</b>	<b>0</b>	<b>—</b>
5330 i&s plates & sheets	0	—	—	—	0	0	—
5360 i&s bars & shapes	0	—	0	—	0	0	—
5370 i&s pipe & tube	0	—	—	—	0	0	—
<b>Subtotal primary non-ferrous metal products</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>—</b>	<b>6</b>	<b>6</b>	<b>0</b>
5480 fab. metal products	6	0	—	—	6	6	0
<b>Subtotal primary wood products</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>0</b>	<b>0</b>	<b>—</b>
5540 primarv wood prod.	0	—	—	—	0	0	—
<b>Total food and farm products</b>	<b>537</b>	<b>5</b>	<b>491</b>	<b>—</b>	<b>41</b>	<b>1</b>	<b>41</b>
<b>Subtotal fish</b>	<b>449</b>	<b>1</b>	<b>410</b>	<b>—</b>	<b>38</b>	<b>—</b>	<b>38</b>
6134 fish (not shellfish)	440	1	401	—	38	—	38
6136 shellfish	9	0	9	—	0	—	0
<b>Subtotal vegetable products</b>	<b>0</b>	<b>—</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
6654 vegetables & prod.	0	—	0	—	—	—	—
<b>Subtotal processed grain and animal feed</b>	<b>5</b>	<b>1</b>	<b>4</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
6746 wheat flour	1	1	—	—	—	—	—
6782 animal feed, prep.	4	—	4	—	—	—	3
<b>Subtotal other agricultural products</b>	<b>83</b>	<b>3</b>	<b>77</b>	<b>—</b>	<b>3</b>	<b>1</b>	<b>3</b>
6811 meat, fresh, frozen	0	—	0	—	—	—	—
6817 meat, prepared	0	—	0	—	—	—	—
6822 dairy products	0	—	0	—	—	—	—
6835 fish, prepared	73	1	71	—	1	—	1
6838 tallow, animal oils	5	—	4	—	1	—	1
6839 animals & prod. nec	1	1	0	—	—	—	—
6857 fruit & nuts nec	0	—	0	—	—	—	—
6861 sugar	0	—	0	—	—	—	—
6885 alcoholic beverages	0	—	—	—	0	0	—
6887 groceries	0	—	—	—	0	0	—
6889 food products nec	1	0	0	—	0	0	—
6894 natural fibers nec	0	—	—	—	—	—	—
6899 farm products nec	0	—	0	—	—	—	—
<b>Total all manufactured equipment, machinery and products</b>	<b>117</b>	<b>12</b>	<b>1</b>	<b>—</b>	<b>104</b>	<b>41</b>	<b>63</b>
7110 machinery (not elec)	4	3	0	—	1	1	0
7120 electrical machinery	2	2	0	—	0	0	—
7210 vehicles & parts	1	0	—	—	1	1	0
7220 aircraft & parts	0	—	0	—	—	—	—
7230 ships & boats	2	2	—	—	0	0	0
7400 manufac. wood prod.	3	2	—	—	1	1	0
7500 textile products	0	0	—	—	0	0	—
7600 rubber & plastic pr.	0	0	—	—	—	—	—
7900 manufac. prod. nec	105	3	1	—	102	39	63
<b>Total unknown or not elsewhere classified</b>	<b>7</b>	<b>0</b>	<b>6</b>	<b>—</b>	<b>0</b>	<b>0</b>	<b>—</b>
9900 unknown or nec	7	0	6	—	0	0	—
Ton-miles (x1000)	33,282	850	16,001	3,129	13,302	7,634	5,668

Tons All Traffic (x1000) 1,040  
Ton-miles All Traffic (x1000) 33,288  
Total Trip-ton-miles Internal and Intraport (x1000) 0

## ILIULIUK HARBOR, UNALASKA

## Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	670	2004	1,467	2007	532	2010	353
2002	948	2005	618	2008	604		
2003	832	2006	274	2009	544		

## Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian Inbound	Domestic		
		Inbound	Outbound		Total	Coastwise	
						Receipts	Shipments
<b>Total, all commodities</b>	<b>353</b>	<b>13</b>	<b>34</b>	<b>63</b>	<b>243</b>	<b>150</b>	<b>92</b>
<b>Total petroleum and petroleum products</b>	<b>250</b>	<b>6</b>	<b>—</b>	<b>63</b>	<b>180</b>	<b>128</b>	<b>52</b>
<b>Subtotal petroleum products</b>	<b>250</b>	<b>6</b>	<b>—</b>	<b>63</b>	<b>180</b>	<b>128</b>	<b>52</b>
2211 gasoline	58	—	—	12	46	26	20
2221 kerosene	4	—	—	4	—	—	—
2330 distillate fuel oil	183	6	—	47	130	102	28
2340 residual fuel oil	2	—	—	—	2	—	2
2640 hydrocarbon & petrol gases, liquefied and gaseous	0	—	—	—	0	0	0
2990 petro. products nec	1	—	—	—	1	0	1
<b>Total chemicals and related products</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Subtotal other chemicals and related products</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>0</b>	<b>0</b>	<b>0</b>
3220 alcohols	0	—	—	—	0	0	—
3282 pigments & paints	0	—	—	—	0	0	0
3286 plastics	0	—	—	—	0	0	—
3299 chem. products nec	0	—	—	—	0	—	0
<b>Total crude materials, inedible except fuels</b>	<b>5</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>5</b>	<b>5</b>	<b>0</b>
<b>Subtotal forest products, wood and chips</b>	<b>2</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>2</b>	<b>2</b>	<b>0</b>
4170 wood in the rough	0	—	—	—	0	0	—
4189 lumber	2	—	—	—	2	2	0
4190 forest products nec	0	—	—	—	0	0	—
<b>Subtotal iron ore and scrap</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>0</b>	<b>—</b>	<b>0</b>
4420 iron & steel scrap	0	—	—	—	0	—	0
<b>Subtotal other non-metal. min.</b>	<b>3</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>3</b>	<b>3</b>	<b>—</b>
4900 non-metal. min. nec	3	—	—	—	3	3	—
<b>Total primary manufactured goods</b>	<b>12</b>	<b>1</b>	<b>—</b>	<b>—</b>	<b>11</b>	<b>11</b>	<b>0</b>
<b>Subtotal paper products</b>	<b>4</b>	<b>1</b>	<b>—</b>	<b>—</b>	<b>3</b>	<b>3</b>	<b>—</b>
5190 paper products nec	4	1	—	—	3	3	—
<b>Subtotal lime, cement and glass</b>	<b>2</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>2</b>	<b>1</b>	<b>0</b>
5220 cement & concrete	1	—	—	—	1	1	—
5240 glass & glass prod.	0	—	—	—	0	0	—
5290 misc. mineral prod.	1	—	—	—	1	1	0
<b>Subtotal primary iron and steel products</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>0</b>	<b>0</b>	<b>—</b>
5330 i&s plates & sheets	0	—	—	—	0	0	—
5360 i&s bars & shapes	0	—	—	—	0	0	—
5370 i&s pipe & tube	0	—	—	—	0	0	—
<b>Subtotal primary non-ferrous metal products</b>	<b>6</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>6</b>	<b>6</b>	<b>0</b>
5480 fab. metal products	6	—	—	—	6	6	0
<b>Subtotal primary wood products</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>0</b>	<b>0</b>	<b>—</b>
5540 primarw wood prod.	0	—	—	—	0	0	—
<b>Total food and farm products</b>	<b>74</b>	<b>0</b>	<b>34</b>	<b>—</b>	<b>40</b>	<b>1</b>	<b>39</b>
<b>Subtotal fish</b>	<b>71</b>	<b>0</b>	<b>34</b>	<b>—</b>	<b>37</b>	<b>—</b>	<b>37</b>
6134 fish (not shellfish)	70	—	34	—	36	—	36
6136 shellfish	0	0	—	—	0	—	0
<b>Subtotal other agricultural products</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>—</b>	<b>3</b>	<b>1</b>	<b>3</b>
6817 meat, prepared	0	—	0	—	—	—	—
6835 fish, prepared	1	—	0	—	1	—	1
6838 tallow, animal oils	1	—	—	—	1	—	1
6839 animals & prod. nec	0	0	—	—	—	—	—
6885 alcoholic beverages	0	—	—	—	0	0	—
6887 groceries	0	—	—	—	0	0	—
6889 food products nec	0	0	—	—	0	0	—
<b>Total all manufactured equipment, machinery and products</b>	<b>12</b>	<b>6</b>	<b>—</b>	<b>—</b>	<b>6</b>	<b>5</b>	<b>0</b>
7110 machinery (not elec)	2	2	—	—	1	1	0
7120 electrical machinery	0	0	—	—	0	0	—
7210 vehicles & parts	1	—	—	—	1	0	0
7230 ships & boats	2	2	—	—	0	0	0
7400 manufac. wood prod.	1	—	—	—	1	1	0
7500 textile products	0	—	—	—	0	0	—
7900 manufac. prod. nec	6	2	—	—	4	3	0
<b>Total unknown or not elsewhere classified</b>	<b>0</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
9900 unknown or nec	0	0	—	—	—	—	—

Other Harbors and Waterways 2010

Other Harbors and Waterways 2010 - continued

Harbor or Waterway	Commodity	Thousand Short Tons
CORDOVA HARBOR, AK - continued		
Project		
7120 electrical machinery	0	
7210 vehicles & parts	0	
7230 ships & boats	0	
7400 manufac. wood prod.	1	
7500 textile products	0	
7600 rubber & plastic pr.	0	
7900 manufac. prod. nec	4	
<b>Total Tons(x1000)</b>	<b>63</b>	
CRAIG HARBOR, AK		
2211 gasoline	9	
2330 distillate fuel oil	6	
<b>Total Tons(x1000)</b>	<b>15</b>	
DILLINGHAM HARBOR, AK		
2211 gasoline	12	
2330 distillate fuel oil	7	
2340 residual fuel oil	0	
2640 hydrocarbon & petrol gases, liquefied and gaseous	0	
2990 petro. products nec	0	
3220 alcohols	0	
3282 pigments & paints	0	
3286 plastics	0	
4170 wood in the rough	0	
4189 lumber	0	
4190 forest products nec	0	
4420 iron & steel scrap	0	
4900 non-metal. min. nec	0	
5190 paper products nec	0	
5220 cement & concrete	0	
5240 glass & glass prod.	0	
5290 misc. mineral prod.	0	
5330 i&s plates & sheets	0	
5360 i&s bars & shapes	0	
5370 i&s pipe & tube	0	
5480 fab. metal products	0	
5540 primary wood prod.	1	
6134 fish (not shellfish)	0	
6835 fish, prepared	1	
6885 alcoholic beverages	2	
6887 groceries	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	
7900 manufac. prod. nec	1	
8900 waste and scrap nec	0	
<b>Total Tons(x1000)</b>	<b>27</b>	
DOUGLAS HARBOR, AK		
7900 manufac. prod. nec	0	
<b>Total Tons(x1000)</b>	<b>0</b>	
DRY PASS, AK		
EGEGIK RIVER, AK		
No Commerce Reported		
2211 gasoline	0	
2330 distillate fuel oil	1	
2340 residual fuel oil	0	
<b>Total Tons(x1000)</b>	<b>1</b>	
ELFIN COVE HARBOR, AK		
GASTINEAU CHANNEL, AK		
HOMER, AK		
No Commerce Reported		
2211 gasoline	71	
2221 kerosene	21	
2330 distillate fuel oil	10	
2340 residual fuel oil	0	
6134 fish (not shellfish)	7	
<b>Total Tons(x1000)</b>	<b>108</b>	
HOONAH HARBOR, AK		
2211 gasoline	1	
2330 distillate fuel oil	16	
2429 naphtha & solvents	0	
2430 asphalt, tar & pitch	1	
2540 petroleum coke	0	
2640 hydrocarbon & petrol gases, liquefied and gaseous	0	
3282 pigments & paints	0	
3299 chem. products nec	0	
4190 forest products nec	0	
5190 paper products nec	0	
5220 cement & concrete	0	
5240 glass & glass prod.	0	
5290 misc. mineral prod.	0	
5360 i&s bars & shapes	0	
5370 i&s pipe & tube	0	
5480 fab. metal products	0	

Harbor or Waterway	Commodity	Thousand Short Tons
HOONAH HARBOR, AK - continued	5540 primary wood prod. 6134 fish (not shellfish) 6885 alcoholic beverages 6887 groceries 6899 farm products nec 7110 machinery (not elec) 7120 electrical machinery 7210 vehicles & parts 7230 ships & boats 7400 manufac. wood prod. 7500 textile products 7600 rubber & plastic pr. 7900 manufac. prod. nec	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0
	<b>Total Tons(x1000)</b>	<b>20</b>
HUMBOLDT HARBOR, AK	2211 gasoline 2330 distillate fuel oil 4900 non-metal. min. nec 5190 paper products nec 5480 fab. metal products 6134 fish (not shellfish) 7900 manufac. prod. nec	3 9 1 1 1 5 1
	<b>Total Tons(x1000)</b>	<b>20</b>
KAKE HARBOR, AK	2211 gasoline 2330 distillate fuel oil 2640 hydrocarbon & petrol gases, liquefied and gaseous 3260 organic comp. nec 3282 pigments & paints 3299 chem. products nec 4190 forest products nec 5190 paper products nec 5220 cement & concrete 5240 glass & glass prod. 5290 misc. mineral prod. 5370 i&s pipe & tube 5480 fab. metal products 5540 primary wood prod. 6885 alcoholic beverages 6887 groceries 6889 food products nec 7110 machinery (not elec) 7120 electrical machinery 7210 vehicles & parts 7230 ships & boats 7400 manufac. wood prod. 7500 textile products 7600 rubber & plastic pr. 7900 manufac. prod. nec	1 1 0
	<b>Total Tons(x1000)</b>	<b>4</b>
KING COVE LAGOON, AK	2211 gasoline 2330 distillate fuel oil 4900 non-metal. min. nec 5190 paper products nec 5480 fab. metal products 6134 fish (not shellfish) 7900 manufac. prod. nec	1 14 1 1 1 1 7 1
	<b>Total Tons(x1000)</b>	<b>24</b>
KODIAK HARBOR, AK	2211 gasoline 2330 distillate fuel oil 4170 wood in the rough 7110 machinery (not elec) 7210 vehicles & parts 7300 ordnance & access. 7900 manufac. prod. nec 9900 unknown or nec	14 31 72 0 0 0 75 0
	<b>Total Tons(x1000)</b>	<b>193</b>
KUSKOKWIM RIVER, AK	2211 gasoline 2330 distillate fuel oil 2340 residual fuel oil 2640 hydrocarbon & petrol gases, liquefied and gaseous 2990 petro. products nec 3220 alcohols 3282 pigments & paints 3286 plastics 4150 fuel wood 4170 wood in the rough 4189 lumber 4190 forest products nec 4331 sand & gravel 4420 iron & steel scrap 4900 non-metal. min. nec 5190 paper products nec 5220 cement & concrete	38 12 2 0 1 0 0 0 0 2 0 13 0 0 0 0 0

Other Harbors and Waterways 2010 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
	5240 glass & glass prod.	0
	5290 misc. mineral prod.	1
	5360 i&s bars & shapes	0
	5370 i&s pipe & tube	0
	5480 fab. metal products	2
	5540 primary wood prod.	0
	6134 fish (not shellfish)	0
	6835 fish, prepared	0
	6887 groceries	1
	7110 machinery (not elec)	3
	7120 electrical machinery	0
	7210 vehicles & parts	0
	7230 ships & boats	0
	7400 manufac. wood prod.	0
	7500 textile products	0
	7900 manufac. prod. nec	1
	8900 waste and scrap nec	0
	<b>Total Tons(x1000)</b>	<b>77</b>
	<b>Total Ton-miles(x1000)</b>	<b>6,315</b>
	<b>Total Trip-ton-miles Internal and Intraport (x1000)</b>	<b>2,942</b>
METLAKATLA HARBOR, AK		
	2211 gasoline	1
	2330 distillate fuel oil	1
	2640 hydrocarbon & petrol gases, liquefied and gaseous	0
	2990 petro. products nec	0
	3282 pigments & paints	0
	3286 plastics	0
	3293 explosives	0
	3299 chem. products nec	0
	4170 wood in the rough	0
	4189 lumber	0
	4190 forest products nec	0
	4420 iron & steel scrap	0
	4900 non-metal. min. nec	0
	5190 paper products nec	0
	5220 cement & concrete	1
	5240 glass & glass prod.	0
	5290 misc. mineral prod.	0
	5360 i&s bars & shapes	0
	5370 i&s pipe & tube	0
	5480 fab. metal products	0
	5540 primary wood prod.	0
	6134 fish (not shellfish)	2
	6136 shellfish	0
	6835 fish, prepared	0
	6858 fruit juices	0
	6887 groceries	1
	6889 food products nec	1
	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
	7900 manufac. prod. nec	1
	<b>Total Tons(x1000)</b>	<b>9</b>
NAKNEK RIVER, AK		
	2211 gasoline	7
	2330 distillate fuel oil	17
	2340 residual fuel oil	0
	2640 hydrocarbon & petrol gases, liquefied and gaseous	1
	2990 petro. products nec	1
	3220 alcohols	0
	3282 pigments & paints	0
	3286 plastics	0
	4170 wood in the rough	0
	4189 lumber	2
	4190 forest products nec	0
	4420 iron & steel scrap	0
	4900 non-metal. min. nec	2
	5190 paper products nec	2
	5220 cement & concrete	1
	5240 glass & glass prod.	0
	5290 misc. mineral prod.	0
	5330 i&s plates & sheets	1
	5360 i&s bars & shapes	0
	5370 i&s pipe & tube	0
	5480 fab. metal products	4
	5540 primary wood prod.	0
	6134 fish (not shellfish)	13
	6782 animal feed, prep.	0
	6835 fish, prepared	15
	6838 tallow, animal oils	0
	6885 alcoholic beverages	0
	6887 groceries	1

Other Harbors and Waterways 2010 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
	6889 food products nec	0
	7110 machinery (not elec)	1
	7120 electrical machinery	0
	7210 vehicles & parts	1
	7230 ships & boats	0
	7400 manufac. wood prod.	1
	7500 textile products	0
	7900 manufac. prod. nec	3
	9900 unknown or nec	0
	<b>Total Tons(x1000)</b>	<b>76</b>
	<b>Total Ton-miles(x1000)</b>	<b>132</b>
	<b>Total Trip-ton-miles Internal and Intraport (x1000)</b>	<b>217</b>
NINILCHIK HARBOR, AK	No Commerce Reported	
NOME, AK	2211 gasoline	20
	2330 distillate fuel oil	9
	2340 residual fuel oil	1
	2640 hydrocarbon & petrol gases, liquefied and gaseous	1
	2990 petro. products nec	4
	3220 alcohols	0
	3282 pigments & paints	0
	3286 plastics	0
	3299 chem. products nec	0
	4170 wood in the rough	0
	4189 lumber	1
	4190 forest products nec	0
	4420 iron & steel scrap	0
	4900 non-metal. min. nec	0
	5190 paper products nec	0
	5220 cement & concrete	1
	5240 glass & glass prod.	0
	5290 misc. mineral prod.	2
	5360 i&s bars & shapes	0
	5370 i&s pipe & tube	0
	5480 fab. metal products	2
	5540 primary wood prod.	0
	6134 fish (not shellfish)	1
	6885 alcoholic beverages	0
	6887 groceries	0
	7110 machinery (not elec)	1
	7120 electrical machinery	0
	7210 vehicles & parts	1
	7230 ships & boats	0
	7400 manufac. wood prod.	1
	7500 textile products	0
	7900 manufac. prod. nec	1
	8900 waste and scrap nec	0
	<b>Total Tons(x1000)</b>	<b>48</b>
OLD HARBOR, AK	2211 gasoline	0
	2330 distillate fuel oil	0
	<b>Total Tons(x1000)</b>	<b>0</b>
PELICAN HARBOR, AK	2211 gasoline	1
	2330 distillate fuel oil	0
	<b>Total Tons(x1000)</b>	<b>1</b>
PETERSBURG HARBOR, AK	2211 gasoline	7
	2330 distillate fuel oil	6
	2350 lube oil & greases	4
	2429 naphtha & solvents	0
	2430 asphalt, tar & pitch	2
	2540 petroleum coke	1
	2640 hydrocarbon & petrol gases, liquefied and gaseous	1
	2990 petro. products nec	1
	3110 nitrogenous fert.	0
	3190 fert. & mixes nec	0
	3220 alcohols	0
	3260 organic comp. nec	1
	3276 metallic salts	0
	3282 pigments & paints	0
	3286 plastics	0
	3293 explosives	0
	3299 chem. products nec	1
	4150 fuel wood	0
	4170 wood in the rough	0
	4189 lumber	0
	4190 forest products nec	1
	4338 soil & fill dirt	0
	4420 iron & steel scrap	0
	4900 non-metal. min. nec	2
	5110 newsprint	0
	5120 paper & paperboard	0
	5190 paper products nec	2

Other Harbors and Waterways 2010 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
PETERSBURG HARBOR, AK - continued	5220 cement & concrete	2
	5240 glass & glass prod.	0
	5290 misc. mineral prod.	4
	5360 i&s bars & shapes	0
	5370 i&s pipe & tube	0
	5480 fab. metal products	5
	5540 primary wood prod.	1
	6134 fish (not shellfish)	24
	6136 shellfish	1
	6747 grain mill products	0
	6782 animal feed, prep.	0
	6822 dairy products	0
	6835 fish, prepared	8
	6838 tallow, animal oils	0
	6885 alcoholic beverages	2
	6887 groceries	21
	6889 food products nec	2
	6899 farm products nec	0
	7110 machinery (not elec)	4
	7120 electrical machinery	1
	7210 vehicles & parts	3
	7230 ships & boats	1
	7300 ordnance & access.	0
	7400 manufac. wood prod.	6
	7500 textile products	1
	7600 rubber & plastic pr.	0
	7900 manufac. prod. nec	32
	8900 waste and scrap nec	15
	<b>Total Tons(x1000)</b>	<b>166</b>
PORT ALEXANDER, AK	No Commerce Reported	
SELDOMA HARBOR, AK	2211 gasoline	1
	2330 distillate fuel oil	0
	<b>Total Tons(x1000)</b>	<b>1</b>
SERGIUS AND WHITESTONE NARROWS, AK	2211 gasoline	13
	2330 distillate fuel oil	12
	2350 lube oil & greases	1
	2429 naphtha & solvents	0
	2430 asphalt, tar & pitch	2
	2540 petroleum coke	1
	2640 hydrocarbon & petrol gases, liquefied and gaseous	1
	2990 petro. products nec	3
	3110 nitrogenous fert.	0
	3220 alcohols	0
	3260 organic comp. nec	0
	3282 pigments & paints	0
	3286 plastics	0
	3293 explosives	0
	3299 chem. products nec	0
	4150 fuel wood	0
	4170 wood in the rough	0
	4189 lumber	0
	4190 forest products nec	1
	4420 iron & steel scrap	0
	4900 non-metal. min. nec	1
	5110 newsprint	0
	5120 paper & paperboard	0
	5190 paper products nec	1
	5220 cement & concrete	2
	5240 glass & glass prod.	0
	5290 misc. mineral prod.	1
	5360 i&s bars & shapes	0
	5370 i&s pipe & tube	0
	5480 fab. metal products	2
	5540 primary wood prod.	1
	6134 fish (not shellfish)	32
	6136 shellfish	0
	6782 animal feed, prep.	0
	6822 dairy products	0
	6835 fish, prepared	3
	6858 fruit juices	0
	6885 alcoholic beverages	1
	6887 groceries	9
	6889 food products nec	1
	6899 farm products nec	0
	7110 machinery (not elec)	2
	7120 electrical machinery	0
	7210 vehicles & parts	1
	7230 ships & boats	0
	7300 ordnance & access.	0
	7400 manufac. wood prod.	3
	7500 textile products	0
	7600 rubber & plastic pr.	0
	7900 manufac. prod. nec	0
	8900 waste and scrap nec	15
	<b>Total Tons(x1000)</b>	<b>8</b>

Other Harbors and Waterways 2010 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
SERGIUS AND WHITESTONE NARROWS, AK - continued	<b>Total Tons(x1000)</b>	<b>120</b>
	<b>Total Ton-miles(x1000)</b>	<b>3,109</b>
	<b>Total Trip-ton-miles Internal and Intraport (x1000)</b>	<b>50,693</b>
SITKA HARBOR, AK	2211 gasoline	10
	2330 distillate fuel oil	11
	2350 lube oil & greases	1
	2429 naphtha & solvents	0
	2430 asphalt, tar & pitch	1
	2540 petroleum coke	1
	2640 hydrocarbon & petrol gases, liquefied and gaseous	1
	2990 petro. products nec	2
	3110 nitrogenous fert.	0
	3220 alcohols	0
	3260 organic comp. nec	0
	3282 pigments & paints	0
	3286 plastics	0
	3293 explosives	0
	3299 chem. products nec	0
	4150 fuel wood	0
	4170 wood in the rough	0
	4189 lumber	0
	4190 forest products nec	0
	4420 iron & steel scrap	0
	4900 non-metal. min. nec	1
	5110 newsprint	0
	5120 paper & paperboard	0
	5190 paper products nec	1
	5220 cement & concrete	1
	5240 glass & glass prod.	0
	5290 misc. mineral prod.	1
	5360 i&s bars & shapes	0
	5370 i&s pipe & tube	0
	5480 fab. metal products	2
	5540 primary wood prod.	0
	6134 fish (not shellfish)	30
	6136 shellfish	0
	6782 animal feed, prep.	0
	6822 dairy products	0
	6835 fish, prepared	2
	6858 fruit juices	0
	6885 alcoholic beverages	1
	6887 groceries	9
	6889 food products nec	1
	6899 farm products nec	0
	7110 machinery (not elec)	0
	7120 electrical machinery	2
	7210 vehicles & parts	0
	7230 ships & boats	1
	7300 ordnance & access.	0
	7400 manufac. wood prod.	3
	7500 textile products	0
	7600 rubber & plastic pr.	0
	7900 manufac. prod. nec	15
	8900 waste and scrap nec	8
	9900 unknown or nec	0
	<b>Total Tons(x1000)</b>	<b>107</b>
SKAGWAY HARBOR, AK	2211 gasoline	8
	2330 distillate fuel oil	10
	2350 lube oil & greases	0
	2429 naphtha & solvents	10
	2430 asphalt, tar & pitch	0
	2540 petroleum coke	4
	2640 hydrocarbon & petrol gases, liquefied and gaseous	0
	3282 pigments & paints	0
	3293 explosives	0
	3299 chem. products nec	0
	4150 fuel wood	0
	4170 wood in the rough	0
	4190 forest products nec	0
	4410 iron ore	0
	4630 copper ore	10
	5190 paper products nec	0
	5210 lime	1
	5220 cement & concrete	7
	5240 glass & glass prod.	0
	5290 misc. mineral prod.	0
	5370 i&s pipe & tube	0
	5480 fab. metal products	0
	5540 primary wood prod.	0
	6134 fish (not shellfish)	0
	6782 animal feed, prep.	0
	6885 alcoholic beverages	7
	6887 groceries	2

#### Other Harbors and Waterways 2010 - continued

Other Harbors and Waterways 2010 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
CHATHAM STRAIT, AK - continued	3282 pigments & paints	0
	3286 plastics	3
	3293 explosives	1
	3297 chemical additives	0
	3299 chem. products nec	3
	4110 rubber & gums	1
	4150 fuel wood	0
	4170 wood in the rough	1
	4189 lumber	30
	4190 forest products nec	4
	4225 pulp & waste paper	0
	4331 sand & gravel	4
	4338 soil & fill dirt	1
	4410 iron ore	1
	4420 iron & steel scrap	1
	4630 copper ore	23
	4690 non-ferrous ores nec	206
	4860 slag	0
	4900 non-metal. min. nec	9
	5110 newsprint	3
	5120 paper & paperboard	0
	5190 paper products nec	6
	5210 lime	2
	5220 cement & concrete	38
	5240 glass & glass prod.	3
	5290 misc. mineral prod.	26
	5330 i&s plates & sheets	1
	5360 i&s bars & shapes	3
	5370 i&s pipe & tube	1
	5390 primary i&s nec	0
	5421 copper	0
	5480 fab. metal products	29
	5540 primary wood prod.	7
	6134 fish (not shellfish)	45
	6136 shellfish	0
	6747 grain mill products	6
	6781 hay & fodder	0
	6782 animal feed, prep.	1
	6811 meat, fresh, frozen	0
	6822 dairy products	0
	6835 fish, prepared	11
	6838 tallow, animal oils	0
	6858 fruit juices	0
	6885 alcoholic beverages	13
	6887 groceries	21
	6888 water & ice	4
	6889 food products nec	22
	6899 farm products nec	2
	7110 machinery (not elec)	12
	7120 electrical machinery	1
	7210 vehicles & parts	9
	7230 ships & boats	1
	7300 ordnance & access.	0
	7400 manufac. wood prod.	13
	7500 textile products	1
	7600 rubber & plastic pr.	0
	7900 manufac. prod. nec	85
	8900 waste and scrap nec	9
	9900 unknown or nec	3
	<b>Total Tons(x1000)</b>	<b>756</b>
	<b>Total Ton-miles(x1000)</b>	<b>44,028</b>
	<b>Total Trip-ton-miles Internal and Intraport (x1000)</b>	<b>140,341</b>
CLARENCE STRAIT, AK	1100 coal & lignite	0
	2100 crude petroleum	3
	2211 gasoline	97
	2330 distillate fuel oil	113
	2350 lube oil & greases	4
	2429 naphtha & solvents	1
	2430 asphalt, tar & pitch	3
	2540 petroleum coke	7
	2640 hydrocarbon & petrol gases, liquefied and gaseous	6
	2990 petro. products nec	8
	3110 nitrogenous fert.	0
	3190 fert. & mixes nec	0
	3220 alcohols	1
	3240 nitrogen func. comp.	0
	3260 organic comp. nec	3
	3276 metallic salts	0
	3282 pigments & paints	1
	3283 coloring mat. nec	0
	3284 medicines	0
	3286 plastics	3
	3293 explosives	1

Other Harbors and Waterways 2010 - continued

Harbor or Waterway Non-project	Commodity	Thousand Short Tons
CLARENCE STRAIT, AK - continued		
	3297 chemical additives	0
	3299 chem. products nec	4
	4110 rubber & gums	1
	4150 fuel wood	1
	4170 wood in the rough	2
	4189 lumber	36
	4190 forest products nec	7
	4225 pulp & waste paper	0
	4331 sand & gravel	4
	4338 soil & fill dirt	2
	4410 iron ore	2
	4420 iron & steel scrap	1
	4860 slag	0
	4900 non-metal. min. nec	11
	5110 newsprint	3
	5120 paper & paperboard	2
	5190 paper products nec	10
	5210 lime	2
	5220 cement & concrete	50
	5240 glass & glass prod.	7
	5290 misc. mineral prod.	38
	5330 i&s plates & sheets	1
	5360 i&s bars & shapes	4
	5370 i&s pipe & tube	1
	5390 primary i&s nec	0
	5421 copper	0
	5480 fab. metal products	40
	5540 primary wood prod.	9
	6134 fish (not shellfish)	72
	6136 shellfish	2
	6747 grain mill products	7
	6781 hay & fodder	0
	6782 animal feed, prep.	1
	6811 meat, fresh, frozen	0
	6822 dairy products	0
	6835 fish, prepared	20
	6838 tallow, animal oils	0
	6858 fruit juices	1
	6885 alcoholic beverages	36
	6887 groceries	58
	6888 water & ice	4
	6889 food products nec	36
	6891 tobacco & products	0
	6899 farm products nec	2
	7110 machinery (not elec)	18
	7120 electrical machinery	3
	7210 vehicles & parts	16
	7220 aircraft & parts	0
	7230 ships & boats	2
	7300 ordnance & access.	0
	7400 manufac. wood prod.	20
	7500 textile products	3
	7600 rubber & plastic pr.	1
	7900 manufac. prod. nec	143
	8900 waste and scrap nec	12
	9900 unknown or nec	3
	<b>Total Tons(x1000)</b>	<b>947</b>
	<b>Total Ton-miles(x1000)</b>	<b>75,909</b>
	<b>Total Trip-ton-miles Internal and Intraport (x1000)</b>	<b>429,839</b>
FREDERICK SOUND, AK		
	1100 coal & lignite	0
	2100 crude petroleum	3
	2211 gasoline	95
	2330 distillate fuel oil	100
	2350 lube oil & greases	3
	2429 naphtha & solvents	1
	2430 asphalt, tar & pitch	3
	2540 petroleum coke	6
	2640 hydrocarbon & petrol gases, liquefied and gaseous	5
	2990 petro. products nec	6
	3110 nitrogenous fert.	0
	3190 fert. & mixes nec	0
	3220 alcohols	1
	3240 nitrogen func. comp.	0
	3260 organic comp. nec	2
	3276 metallic salts	0
	3282 pigments & paints	1
	3283 coloring mat. nec	0
	3284 medicines	0
	3286 plastics	3
	3293 explosives	0
	3297 chemical additives	0
	3299 chem. products nec	4
	4110 rubber & gums	1
	4150 fuel wood	1
	4170 wood in the rough	1
	4189 lumber	34
	4190 forest products nec	6

Other Harbors and Waterways 2010 - continued

Harbor or Waterway	Commodity	Thousand Short Tons
Non-project		
FREDERICK SOUND, AK - continued		
	4225 pulp & waste paper	0
	4331 sand & gravel	4
	4338 soil & fill dirt	1
	4410 iron ore	2
	4420 iron & steel scrap	1
	4860 slag	0
	4900 non-metal. min. nec	10
	5110 newsprint	3
	5120 paper & paperboard	2
	5190 paper products nec	9
	5210 lime	2
	5220 cement & concrete	48
	5240 glass & glass prod.	7
	5290 misc. mineral prod.	35
	5330 i&s plates & sheets	1
	5360 i&s bars & shapes	3
	5370 i&s pipe & tube	1
	5390 primary i&s nec	0
	5421 copper	0
	5480 fab. metal products	37
	5540 primary wood prod.	9
	6134 fish (not shellfish)	49
	6136 shellfish	1
	6747 grain mill products	6
	6781 hay & fodder	0
	6782 animal feed, prep.	1
	6811 meat, fresh, frozen	0
	6822 dairy products	0
	6835 fish, prepared	12
	6838 tallow, animal oils	0
	6858 fruit juices	1
	6885 alcoholic beverages	34
	6887 groceries	52
	6888 water & ice	4
	6889 food products nec	33
	6891 tobacco & products	0
	6899 farm products nec	0
	7110 machinery (not elec)	2
	7120 electrical machinery	17
	7210 vehicles & parts	2
	7220 aircraft & parts	15
	7230 ships & boats	0
	7300 ordnance & access.	2
	7400 manufac. wood prod.	0
	7500 textile products	18
	7600 rubber & plastic pr.	2
	7900 manufac. prod. nec	1
	8900 waste and scrap nec	140
	9900 unknown or nec	9
		3
	<b>Total Tons(x1000)</b>	<b>857</b>
	<b>Total Ton-miles(x1000)</b>	<b>55,078</b>
	<b>Total Trip-ton-miles Internal and Intraport (x1000)</b>	<b>346,830</b>
HYDABURG, AK		
	4170 wood in the rough	266
	<b>Total Tons(x1000)</b>	<b>266</b>
ICY STRAIT, AK		
	1100 coal & lignite	0
	2100 crude petroleum	3
	2211 gasoline	31
	2221 kerosene	2
	2330 distillate fuel oil	42
	2350 lube oil & greases	1
	2429 naphtha & solvents	10
	2430 asphalt, tar & pitch	1
	2540 petroleum coke	0
	2640 hydrocarbon & petrol gases, liquefied and gaseous	2
	2990 petro. products nec	2
	3190 fert. & mixes nec	0
	3220 alcohols	1
	3260 organic comp. nec	0
	3276 metallic salts	1
	3282 pigments & paints	0
	3286 plastics	3
	3293 explosives	0
	3297 chemical additives	0
	3299 chem. products nec	1
	4110 rubber & gums	1
	4150 fuel wood	0
	4170 wood in the rough	1
	4189 lumber	29
	4190 forest products nec	3
	4225 pulp & waste paper	0
	4331 sand & gravel	0
	4338 soil & fill dirt	1
	4420 iron & steel scrap	0
	4630 copper ore	39
	4690 non-ferrous ores nec	206

Other Harbors and Waterways 2010 - continued

Harbor or Waterway Non-project	Commodity	Thousand Short Tons
ICY STRAIT, AK - continued		
	4860 slag	0
	4900 non-metal. min. nec	8
	5110 newsprint	3
	5190 paper products nec	5
	5210 lime	12
	5220 cement & concrete	9
	5240 glass & glass prod.	3
	5290 misc. mineral prod.	25
	5330 i&s plates & sheets	1
	5360 i&s bars & shapes	3
	5370 i&s pipe & tube	1
	5390 primary i&s nec	0
	5421 copper	0
	5480 fab. metal products	25
	5540 primary wood prod.	7
	6134 fish (not shellfish)	14
	6136 shellfish	0
	6747 grain mill products	6
	6781 hay & fodder	0
	6782 animal feed, prep.	1
	6811 meat, fresh, frozen	0
	6835 fish, prepared	8
	6838 tallow, animal oils	0
	6885 alcoholic beverages	6
	6887 groceries	9
	6888 water & ice	4
	6889 food products nec	19
	6899 farm products nec	2
	7110 machinery (not elec)	9
	7120 electrical machinery	0
	7210 vehicles & parts	7
	7230 ships & boats	1
	7400 manufac. wood prod.	10
	7500 textile products	0
	7600 rubber & plastic pr.	0
	7900 manufac. prod. nec	0
	8900 waste and scrap nec	71
	9900 unknown or nec	0
		4
	<b>Total Tons(x1000)</b>	<b>653</b>
	<b>Total Ton-miles(x1000)</b>	<b>34,674</b>
	<b>Total Trip-ton-miles Internal and Intraport (x1000)</b>	<b>7,135</b>
KIVALINA, AK		
	2211 gasoline	13
	2330 distillate fuel oil	77
	3275 inorg. elem., oxides, & halogen salts	66
	4690 non-ferrous ores nec	1,364
	4900 non-metal. min. nec	33
	5429 smelted prod. nec	1,354
	7120 electrical machinery	18
	7900 manufac. prod. nec	2
	9900 unknown or nec	24
	<b>Total Tons(x1000)</b>	<b>2,950</b>
LYNN CANAL, AK		
	2211 gasoline	61
	2221 kerosene	2
	2330 distillate fuel oil	54
	2350 lube oil & greases	9
	2429 naphtha & solvents	10
	2430 asphalt, tar & pitch	2
	2540 petroleum coke	5
	2640 hydrocarbon & petrol gases, liquefied and gaseous	0
	2990 petro. products nec	0
	3110 nitrogenous fert.	0
	3220 alcohols	0
	3260 organic comp. nec	7
	3276 metallic salts	1
	3282 pigments & paints	0
	3286 plastics	0
	3293 explosives	3
	3299 chem. products nec	2
	4150 fuel wood	0
	4170 wood in the rough	0
	4189 lumber	1
	4190 forest products nec	1
	4338 soil & fill dirt	0
	4410 iron ore	2
	4420 iron & steel scrap	0
	4630 copper ore	16
	4900 non-metal. min. nec	0
	5120 paper & paperboard	0
	5190 paper products nec	0
	5210 lime	13
	5220 cement & concrete	30
	5240 glass & glass prod.	0
	5290 misc. mineral prod.	1
	5360 i&s bars & shapes	0
	5370 i&s pipe & tube	0

Other Harbors and Waterways 2010 - continued

Harbor or Waterway	Commodity	Thousand Short Tons
Non-project		
LYNN CANAL, AK - continued	5480 fab. metal products 5540 primary wood prod. 6134 fish (not shellfish) 6136 shellfish 6782 animal feed, prep. 6835 fish, prepared 6885 alcoholic beverages 6887 groceries 6889 food products nec 7110 machinery (not elec) 7120 electrical machinery 7210 vehicles & parts 7230 ships & boats 7300 ordnance & access. 7400 manufac. wood prod. 7500 textile products 7600 rubber & plastic pr. 7900 manufac. prod. nec 8900 waste and scrap nec 9900 unknown or nec	4 1 2 0 0 1 10 5 4 9 0 3 3 0 0 2 0 0 27 0 4
	<b>Total Tons(x1000)</b>	<b>295</b>
	<b>Total Ton-miles(x1000)</b>	<b>13,635</b>
	<b>Total Trip-ton-miles Internal and Intraport (x1000)</b>	<b>104,588</b>
NIKISHKA, AK	2100 crude petroleum 2211 gasoline 2221 kerosene 2330 distillate fuel oil 2340 residual fuel oil 2429 naphtha & solvents 2640 hydrocarbon & petrol gases, liquefied and gaseous 4331 sand & gravel 7500 textile products	2,828 478 44 709 109 28 636 20 0
	<b>Total Tons(x1000)</b>	<b>4,852</b>
REVILLAGIGADO CHANNEL, AK	1100 coal & lignite 2211 gasoline 2330 distillate fuel oil 2350 lube oil & greases 2429 naphtha & solvents 2430 asphalt, tar & pitch 2540 petroleum coke 2640 hydrocarbon & petrol gases, liquefied and gaseous 2990 petro. products nec 3110 nitrogenous fert. 3190 fert. & mixes nec 3220 alcohols 3240 nitrogen func. comp. 3260 organic comp. nec 3276 metallic salts 3282 pigments & paints 3283 coloring mat. nec 3284 medicines 3286 plastics 3293 explosives 3297 chemical additives 3299 chem. products nec 4150 fuel wood 4170 wood in the rough 4189 lumber 4190 forest products nec 4225 pulp & waste paper 4331 sand & gravel 4338 soil & fill dirt 4410 iron ore 4420 iron & steel scrap 4900 non-metal. min. nec 5110 newsprint 5120 paper & paperboard 5190 paper products nec 5210 lime 5220 cement & concrete 5240 glass & glass prod. 5290 misc. mineral prod. 5330 i&s plates & sheets 5360 i&s bars & shapes 5370 i&s pipe & tube 5390 primary i&s nec 5421 copper 5480 fab. metal products 5540 primary wood prod. 6134 fish (not shellfish) 6136 shellfish 6747 grain mill products 6781 hay & fodder 6782 animal feed, prep. 6822 dairy products	0 158 141 4 1 2 7 7 8 0 0 1 0 6 0 1 0 0 0 1 1 0 1 0 4 2 60 36 8 1 4 2 2 3 9 0 2 10 2 51 6 39 1 4 2 0 0 0 42 10 90 2 0 0 0 0

Other Harbors and Waterways 2010 - continued

Harbor or Waterway Non-project	Commodity	Thousand Short Tons
REVILLAGIGADO CHANNEL, AK - continued	6835 fish, prepared	31
	6838 tallow, animal oils	0
	6858 fruit juices	3
	6885 alcoholic beverages	35
	6887 groceries	68
	6889 food products nec	25
	6891 tobacco & products	0
	6899 farm products nec	0
	7110 machinery (not elec)	15
	7120 electrical machinery	3
	7210 vehicles & parts	16
	7220 aircraft & parts	0
	7230 ships & boats	2
	7300 ordnance & access.	0
	7400 manufac. wood prod.	18
	7500 textile products	4
	7600 rubber & plastic pr.	1
	7900 manufac. prod. nec	112
	8900 waste and scrap nec	25
	9900 unknown or nec	3
	<b>Total Tons(x1000)</b>	<b>1,091</b>
	<b>Total Ton-miles(x1000)</b>	<b>48,888</b>
	<b>Total Trip-ton-miles Internal and Intraport (x1000)</b>	<b>522,338</b>
STEPHENS PASSAGE, AK	2211 gasoline	81
	2330 distillate fuel oil	75
	2350 lube oil & greases	9
	2429 naphtha & solvents	1
	2430 asphalt, tar & pitch	2
	2540 petroleum coke	4
	2640 hydrocarbon & petrol gases, liquefied and gaseous	2
	2990 petro. products nec	1
	3110 nitrogenous fert.	0
	3220 alcohols	0
	3240 nitrogen func. comp.	0
	3260 organic comp. nec	7
	3276 metallic salts	1
	3282 pigments & paints	1
	3283 coloring mat. nec	0
	3284 medicines	0
	3286 plastics	0
	3293 explosives	2
	3297 chemical additives	0
	3299 chem. products nec	3
	4150 fuel wood	1
	4170 wood in the rough	0
	4189 lumber	4
	4190 forest products nec	2
	4225 pulp & waste paper	0
	4331 sand & gravel	0
	4338 soil & fill dirt	0
	4410 iron ore	0
	4420 iron & steel scrap	0
	4630 copper ore	6
	4900 non-metal. min. nec	1
	5110 newsprint	0
	5120 paper & paperboard	2
	5190 paper products nec	3
	5210 lime	12
	5220 cement & concrete	29
	5240 glass & glass prod.	4
	5290 misc. mineral prod.	9
	5360 i&s bars & shapes	0
	5370 i&s pipe & tube	1
	5390 primary i&s nec	0
	5421 copper	0
	5480 fab. metal products	11
	5540 primary wood prod.	2
	6134 fish (not shellfish)	6
	6136 shellfish	0
	6781 hay & fodder	0
	6782 animal feed, prep.	0
	6835 fish, prepared	2
	6838 tallow, animal oils	0
	6858 fruit juices	1
	6885 alcoholic beverages	23
	6887 groceries	32
	6889 food products nec	13
	6891 tobacco & products	0
	6899 farm products nec	0

Other Harbors and Waterways 2010 - continued

Harbor or Waterway	Commodity	Thousand Short Tons
Non-project STEPHENS PASSAGE, AK - continued	7110 machinery (not elec) 7120 electrical machinery 7210 vehicles & parts 7220 aircraft & parts 7230 ships & boats 7300 ordnance & access. 7400 manufac. wood prod. 7500 textile products 7600 rubber & plastic pr. 7900 manufac. prod. nec 8900 waste and scrap nec	11 1 8 0 1 0 6 4 1 77 0
	<b>Total Tons(x1000)</b>	<b>460</b>
	<b>Total Ton-miles(x1000)</b>	<b>29,685</b>
	<b>Total Trip-ton-miles Internal and Intraport (x1000)</b>	<b>248,774</b>
SUMNER STRAIT, AK	1100 coal & lignite 2100 crude petroleum 2211 gasoline 2330 distillate fuel oil 2350 lube oil & greases 2429 naphtha & solvents 2430 asphalt, tar & pitch 2540 petroleum coke 2640 hydrocarbon & petrol gases, liquefied and gaseous 2990 petro. products nec 3110 nitrogenous fert. 3190 fert. & mixes nec 3220 alcohols 3240 nitrogen func. comp. 3260 organic comp. nec 3276 metallic salts 3282 pigments & paints 3283 coloring mat. nec 3284 medicines 3286 plastics 3293 explosives 3297 chemical additives 3299 chem. products nec 4110 rubber & gums 4150 fuel wood 4170 wood in the rough 4189 lumber 4190 forest products nec 4225 pulp & waste paper 4331 sand & gravel 4338 soil & fill dirt 4410 iron ore 4420 iron & steel scrap 4860 slag 4900 non-metal. min. nec 5110 newsprint 5120 paper & paperboard 5190 paper products nec 5210 lime 5220 cement & concrete 5240 glass & glass prod. 5290 misc. mineral prod. 5330 i&s plates & sheets 5360 i&s bars & shapes 5370 i&s pipe & tube 5390 primary i&s nec 5421 copper 5480 fab. metal products 5540 primary wood prod. 6134 fish (not shellfish) 6136 shellfish 6747 grain mill products 6781 hay & fodder 6782 animal feed, prep. 6811 meat, fresh, frozen 6822 dairy products 6835 fish, prepared 6838 tallow, animal oils 6858 fruit juices 6885 alcoholic beverages	0 3 99 108 4 1 3 7 5 6 0 0 1 3 0 0 1 0 0 3 0 0 4 1 1 1 1 34 6 0 4 2 2 1 1 1 0 11 3 2 9 2 49 7 38 1 4 1 0 0 39 9 58 1 7 0 1 0 0 0 19 0 1 35

## Other Harbors and Waterways 2010 - continued

Harbor or Waterway Non-project	Commodity	Thousand Short Tons
SUMNER STRAIT, AK - continued	6887 groceries	55
	6888 water & ice	4
	6889 food products nec	34
	6891 tobacco & products	0
	6899 farm products nec	2
	7110 machinery (not elec)	17
	7120 electrical machinery	2
	7210 vehicles & parts	15
	7220 aircraft & parts	0
	7230 ships & boats	1
	7300 ordnance & access.	0
	7400 manufac. wood prod.	19
	7500 textile products	2
	7600 rubber & plastic pr.	1
	7900 manufac. prod. nec	141
	8900 waste and scrap nec	12
	9900 unknown or nec	3
	<b>Total Tons(x1000)</b>	<b>907</b>
	<b>Total Ton-miles(x1000)</b>	<b>18,075</b>
	<b>Total Trip-ton-miles Internal and Intraport (x1000)</b>	<b>413,059</b>
TONGASS NARROWS, AK	1100 coal & lignite	0
	2211 gasoline	210
	2330 distillate fuel oil	197
	2350 lube oil & greases	4
	2429 naphtha & solvents	1
	2430 asphalt, tar & pitch	3
	2540 petroleum coke	7
	2640 hydrocarbon & petrol gases, liquefied and gaseous	8
	2990 petro. products nec	11
	3110 nitrogenous fert.	0
	3190 fert. & mixes nec	0
	3220 alcohols	1
	3240 nitrogen func. comp.	0
	3260 organic comp. nec	6
	3276 metallic salts	0
	3282 pigments & paints	1
	3283 coloring mat. nec	0
	3284 medicines	0
	3286 plastics	1
	3293 explosives	2
	3297 chemical additives	0
	3299 chem. products nec	4
	4150 fuel wood	1
	4170 wood in the rough	61
	4189 lumber	37
	4190 forest products nec	8
	4225 pulp & waste paper	1
	4331 sand & gravel	4
	4338 soil & fill dirt	2
	4410 iron ore	2
	4420 iron & steel scrap	3
	4900 non-metal. min. nec	9
	5110 newsprint	0
	5120 paper & paperboard	2
	5190 paper products nec	11
	5210 lime	2
	5220 cement & concrete	51
	5240 glass & glass prod.	6
	5290 misc. mineral prod.	40
	5330 i&s plates & sheets	1
	5360 i&s bars & shapes	4
	5370 i&s pipe & tube	2
	5390 primary i&s nec	0
	5421 copper	0
	5480 fab. metal products	43
	5540 primary wood prod.	10
	6134 fish (not shellfish)	95
	6136 shellfish	3
	6747 grain mill products	0
	6781 hay & fodder	0
	6782 animal feed, prep.	0
	6822 dairy products	0
	6835 fish, prepared	31
	6838 tallow, animal oils	0
	6858 fruit juices	3
	6885 alcoholic beverages	36
	6887 groceries	71
	6888 water & ice	0
	6889 food products nec	27
	6891 tobacco & products	0
	6899 farm products nec	0

## Other Harbors and Waterways 2010 - continued

Harbor or Waterway Non-project	Commodity	Thousand Short Tons
TONGASS NARROWS, AK - continued	7110 machinery (not elec)	19
	7120 electrical machinery	3
	7210 vehicles & parts	18
	7220 aircraft & parts	0
	7230 ships & boats	3
	7300 ordnance & access.	0
	7400 manufac. wood prod.	19
	7500 textile products	4
	7600 rubber & plastic pr.	2
	7900 manufac. prod. nec	119
	8900 waste and scrap nec	25
	9900 unknown or nec	3
	<b>Total Tons(x1000)</b>	<b>1,236</b>
	<b>Total Ton-miles(x1000)</b>	<b>12,890</b>
	<b>Total Trip-ton-miles Internal and Intraport (x1000)</b>	<b>550,309</b>
WHITTIER HARBOR, AK		
	1100 coal & lignite	0
	2100 crude petroleum	3
	2430 asphalt, tar & pitch	0
	2540 petroleum coke	0
	2640 hydrocarbon & petrol gases, liquefied and gaseous	9
	3110 nitrogenous fert.	1
	3130 potassic fert.	5
	3190 fert. & mixes nec	1
	3220 alcohols	26
	3230 carboxylic acids	0
	3260 organic comp. nec	0
	3275 inorg. elem., oxides, & halogen salts	1
	3276 metallic salts	1
	3282 pigments & paints	0
	3285 perfumes & cleansers	0
	3286 plastics	2
	3293 explosives	0
	3297 chemical additives	0
	3299 chem. products nec	1
	4110 rubber & gums	1
	4150 fuel wood	0
	4170 wood in the rough	1
	4189 lumber	8
	4331 sand & gravel	13
	4860 slag	0
	4900 non-metal. min. nec	7
	5110 newsprint	3
	5120 paper & paperboard	3
	5190 paper products nec	2
	5210 lime	4
	5220 cement & concrete	10
	5240 glass & glass prod.	1
	5290 misc. mineral prod.	4
	5360 i&s bars & shapes	0
	5370 i&s pipe & tube	2
	5390 primary i&s nec	0
	5421 copper	0
	5429 smelted prod. nec	0
	5480 fab. metal products	7
	5540 primary wood prod.	0
	6134 fish (not shellfish)	28
	6445 oats	0
	6747 grain mill products	7
	6781 hay & fodder	0
	6782 animal feed, prep.	1
	6811 meat, fresh, frozen	0
	6835 fish, prepared	12
	6838 tallow, animal oils	0
	6857 fruit & nuts nec	1
	6885 alcoholic beverages	3
	6887 groceries	6
	6888 water & ice	4
	6889 food products nec	19
	6899 farm products nec	2
	7110 machinery (not elec)	9
	7120 electrical machinery	0
	7210 vehicles & parts	3
	7230 ships & boats	0
	7400 manufac. wood prod.	6
	7500 textile products	0
	7600 rubber & plastic pr.	0
	7900 manufac. prod. nec	0
	<b>Total Tons(x1000)</b>	<b>271</b>



## Section 2

### Trips and Drafts of Vessels



Trips and Drafts of Vessels, 2010  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
<b>SAN DIEGO HARBOR, CA</b>												
<b>Grand Total</b>												
7,630	5,956	1	1,468	83	122		7,619	5,949	2	1,464	84	120
<b>FOREIGN</b>												
Total	487	452	1	33	1	—	485	448	2	33	2	—
40	2	2	—	—	—	—	1	1	—	—	—	—
39	1	1	—	—	—	—	1	1	—	—	—	—
38	1	1	—	—	—	—	—	—	—	—	—	—
37	1	1	—	—	—	—	1	1	—	—	—	—
35	2	2	—	—	—	—	1	1	—	—	—	—
34	2	2	—	—	—	—	—	—	—	—	—	—
33	1	1	—	—	—	—	—	—	—	—	—	—
32	120	119	1	—	—	—	2	2	—	—	—	—
31	7	7	—	—	—	—	6	6	—	—	—	—
30	15	15	—	—	—	—	10	9	—	1	—	—
29	26	26	—	—	—	—	25	25	—	—	—	—
28	24	24	—	—	—	—	27	27	—	—	—	—
27	100	100	—	—	—	—	102	102	—	—	—	—
26	61	61	—	—	—	—	68	68	—	—	—	—
25	13	13	—	—	—	—	18	18	—	—	—	—
24	16	16	—	—	—	—	127	125	2	—	—	—
23	7	7	—	—	—	—	7	7	—	—	—	—
22	3	3	—	—	—	—	3	3	—	—	—	—
21	5	5	—	—	—	—	3	3	—	—	—	—
20	1	1	—	—	—	—	5	5	—	—	—	—
19	3	3	—	—	—	—	2	2	—	—	—	—
≤ 18	76	42	—	33	1	—	76	42	—	32	2	—
<b>DOMESTIC</b>												
Total	7,143	5,504	—	1,435	82	122	7,134	5,501	—	1,431	82	120
22	—	—	—	—	—	—	1	—	—	—	—	1
≤ 18	7,143	5,504	—	1,435	82	122	7,133	5,501	—	1,431	82	119
<b>Total trips:</b>												<b>15,249</b>
<b>LONG BEACH HARBOR, CA</b>												
<b>No Vessel Trips Reported</b>												
<b>LOS ANGELES HARBOR, CA</b>												
<b>No Vessel Trips Reported</b>												
<b>PORT HUENEME, CA</b>												
<b>Grand Total</b>												
535	449	8	38	39	1	523	438	8	37	39	1	
<b>FOREIGN</b>												
Total	291	283	8	—	—	—	294	286	8	—	—	—
36	2	—	2	—	—	—	—	—	—	—	—	—
35	5	1	4	—	—	—	—	—	—	—	—	—
34	3	2	1	—	—	—	2	2	—	3	—	—
33	3	3	—	—	—	—	4	1	—	—	—	—
32	29	29	—	—	—	—	4	4	—	—	—	—
31	21	21	—	—	—	—	3	3	—	—	—	—
30	24	23	1	—	—	—	15	14	1	—	—	—
29	22	22	—	—	—	—	18	18	—	—	—	—
28	38	38	—	—	—	—	22	22	—	—	—	—
27	23	23	—	—	—	—	32	31	1	—	—	—
26	28	28	—	—	—	—	28	26	2	—	—	—
25	54	54	—	—	—	—	72	71	1	—	—	—
24	14	14	—	—	—	—	47	47	—	—	—	—
23	9	9	—	—	—	—	19	19	—	—	—	—
22	11	11	—	—	—	—	6	6	—	—	—	—
21	2	2	—	—	—	—	7	7	—	—	—	—
20	1	1	—	—	—	—	5	5	—	—	—	—
19	—	—	—	—	—	—	3	3	—	—	—	—
≤ 18	2	2	—	—	—	—	7	7	—	—	—	—

Trips and Drafts of Vessels, 2010  
(draft in feet)

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

**PORT HUENEME, CA - continued**

			Inbound								Outbound	
<b>DOMESTIC</b>												
Total	244	166	—	38	39	1	229	152	—	37	39	1
≤ 18	244	166	—	38	39	1	229	152	—	37	39	1
												Total trips: 1,058

**MISSION BAY, CA**

(6 feet and less)

			Inbound								Outbound	
Grand Total	5	—	—	4	—	1	5	—	—	4	—	1
												Total trips: 10

**MORRO BAY HARBOR, CA**

No Vessel Trips Reported

**NEWPORT BAY HARBOR, CA**  
(13 feet and less)

			Inbound								Outbound	
Grand Total	72,965	72,962	—	3	—	—	72,962	72,962	—	—	—	Total trips: —
												145,927

**OCEANSIDE HARBOR, CA**

No Vessel Trips Reported

**REDONDO BEACH, CA**  
(10 feet and less)

			Inbound								Outbound	
Grand Total	12	10	—	1	1	—	13	11	—	1	1	—
												25

**SANTA BARBARA HARBOR, CA**  
(19 feet and less)

			Inbound								Outbound	
Grand Total	17	17	—	—	—	—	19	18	—	—	1	—
												36

Trips and Drafts of Vessels, 2010  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels			
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker		
<b>SACRAMENTO RIVER, CA</b>														
<b>Upbound</b>														
<b>Grand Total</b>	<b>345</b>	<b>33</b>	<b>2</b>	<b>155</b>	<b>155</b>	<b>—</b>	<b>351</b>	<b>37</b>	<b>2</b>	<b>157</b>	<b>155</b>	<b>—</b>		
<b>FOREIGN</b>														
Total	21	19	2	—	—	—	25	23	2	—	—	—		
32	3	3	—	—	—	—	—	—	—	—	—	—		
31	1	—	1	—	—	—	—	—	—	—	—	—		
30	3	3	—	—	—	—	7	7	—	—	—	—		
29	1	—	1	—	—	—	1	1	—	—	—	—		
28	1	1	—	—	—	—	3	2	1	—	—	—		
27	—	—	—	—	—	—	2	2	—	—	—	—		
26	—	—	—	—	—	—	4	3	1	—	—	—		
25	—	—	—	—	—	—	1	1	—	—	—	—		
24	—	—	—	—	—	—	4	4	—	—	—	—		
23	—	—	—	—	—	—	3	3	—	—	—	—		
21	4	4	—	—	—	—	—	—	—	—	—	—		
20	3	3	—	—	—	—	—	—	—	—	—	—		
19	5	5	—	—	—	—	—	—	—	—	—	—		
<b>DOMESTIC</b>														
<b>Total</b>	<b>324</b>	<b>14</b>	<b>—</b>	<b>155</b>	<b>155</b>	<b>—</b>	<b>326</b>	<b>14</b>	<b>—</b>	<b>157</b>	<b>155</b>	<b>—</b>		
12	—	—	—	—	—	—	4	—	—	—	4	—		
11	17	—	—	—	17	—	38	—	—	—	38	—		
10	11	—	—	—	11	—	20	—	—	—	20	—		
9	91	—	—	91	—	—	118	—	—	91	27	—		
8	28	—	—	28	—	—	31	—	—	30	1	—		
7	—	—	—	—	—	—	2	—	—	—	2	—		
≤ 6	177	14	—	36	127	—	113	14	—	36	63	—		
<b>Total trips:</b>											<b>696</b>			
<b>SACRAMENTO RIVER DEEPWATER SHIP CHANNEL, CA</b>														
<b>Upbound</b>														
<b>Grand Total</b>	<b>21</b>	<b>19</b>	<b>2</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>25</b>	<b>23</b>	<b>2</b>	<b>—</b>	<b>—</b>	<b>—</b>		
<b>FOREIGN</b>														
Total	21	19	2	—	—	—	25	23	2	—	—	—		
32	3	3	—	—	—	—	—	—	—	—	—	—		
31	1	—	1	—	—	—	7	7	—	—	—	—		
30	3	3	—	—	—	—	1	1	—	—	—	—		
29	1	—	1	—	—	—	3	2	1	—	—	—		
28	1	1	—	—	—	—	2	2	—	—	—	—		
27	—	—	—	—	—	—	4	3	1	—	—	—		
26	—	—	—	—	—	—	1	1	—	—	—	—		
25	—	—	—	—	—	—	4	4	—	—	—	—		
24	—	—	—	—	—	—	3	3	—	—	—	—		
23	—	—	—	—	—	—	—	—	—	—	—	—		
21	4	4	—	—	—	—	—	—	—	—	—	—		
20	3	3	—	—	—	—	—	—	—	—	—	—		
19	5	5	—	—	—	—	—	—	—	—	—	—		
<b>Total trips:</b>											<b>46</b>			
<b>SACRAMENTO, CA</b>														
<b>Inbound</b>														
<b>Grand Total</b>	<b>35</b>	<b>33</b>	<b>2</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>39</b>	<b>37</b>	<b>2</b>	<b>—</b>	<b>—</b>	<b>—</b>		
<b>FOREIGN</b>														
Total	21	19	2	—	—	—	25	23	2	—	—	—		
32	3	3	—	—	—	—	—	—	—	—	—	—		
31	1	—	1	—	—	—	—	—	—	—	—	—		
30	3	3	—	—	—	—	7	7	—	—	—	—		
29	1	—	1	—	—	—	1	1	—	—	—	—		
28	1	1	—	—	—	—	3	2	1	—	—	—		

Trips and Drafts of Vessels, 2010  
(draft in feet)

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

**SACRAMENTO, CA - continued**

Inbound													Outbound							
<b>FOREIGN</b>																				
27	—	—	—	—	—	—	2	2	—	—	—	—	—	—	—	—				
26	—	—	—	—	—	—	4	3	1	—	—	—	—	—	—	—				
25	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—				
24	—	—	—	—	—	—	4	4	—	—	—	—	—	—	—	—				
23	—	—	—	—	—	—	3	3	—	—	—	—	—	—	—	—				
21	4	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
20	3	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
19	5	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
<b>DOMESTIC</b>																				
<b>Total</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>14</b>	<b>14</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>								
$\leq 6$																				
<b>Total trips:</b>																				
<b>74</b>																				

**SAN JOAQUIN RIVER, CA**

Upbound													Downbound			
Grand Total	301	103	34	102	47	15	332	111	37	103	66	15				
<b>FOREIGN</b>																
<b>Total</b>	<b>137</b>	<b>103</b>	<b>34</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>149</b>	<b>111</b>	<b>37</b>	<b>1</b>	<b>—</b>	<b>—</b>				
38	—	—	—	—	—	—	3	1	—	—	—	—				
35	1	—	—	1	—	—	5	5	—	—	—	—				
34	—	—	—	—	—	—	17	17	—	—	—	—				
33	7	5	2	—	—	—	2	2	—	—	—	—				
32	21	16	5	—	—	—	2	2	—	—	—	—				
31	19	11	8	—	—	—	5	3	2	—	—	—				
30	14	8	6	—	—	—	12	9	2	—	—	—				
29	7	3	4	—	—	—	9	4	5	—	—	—				
28	12	8	4	—	—	—	10	3	7	—	—	—				
27	8	6	2	—	—	—	18	12	6	—	—	—				
26	4	3	1	—	—	—	13	10	3	—	—	—				
25	7	7	—	—	—	—	13	9	4	—	—	—				
24	7	6	1	—	—	—	14	11	3	—	—	—				
23	2	2	—	—	—	—	6	4	2	—	—	—				
22	7	7	—	—	—	—	4	3	1	—	—	—				
21	7	7	—	—	—	—	9	9	—	—	—	—				
20	3	3	—	—	—	—	1	1	—	—	—	—				
19	6	6	—	—	—	—	3	3	—	—	—	—				
18	2	2	—	—	—	—	3	3	—	—	—	—				
17	2	2	—	—	—	—	—	—	—	—	—	—				
16	1	1	—	—	—	—	—	—	—	—	—	—				
<b>DOMESTIC</b>																
<b>Total</b>	<b>164</b>	<b>—</b>	<b>—</b>	<b>102</b>	<b>47</b>	<b>15</b>	<b>183</b>	<b>—</b>	<b>—</b>	<b>102</b>	<b>66</b>	<b>15</b>				
$\leq 12$				3	—	—	4	—	—	4	—	—				
$\leq 13$				13	—	—	14	—	—	14	—	—				
$\leq 14$				8	—	1	8	—	—	8	—	—				
$\leq 15$				—	—	—	157	—	—	76	66	15				
<b>Total trips:</b>																
<b>633</b>																

**STOCKTON, CA**

Inbound													Outbound			
Grand Total	130	65	34	15	2	14	135	69	34	14	2	16				
<b>FOREIGN</b>																
<b>Total</b>	<b>99</b>	<b>65</b>	<b>34</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>103</b>	<b>69</b>	<b>34</b>	<b>—</b>	<b>—</b>	<b>—</b>				
38	—	—	—	—	—	—	2	1	—	—	—	—				
35	1	—	—	1	—	—	—	—	—	—	—	—				
34	—	—	—	—	—	—	1	—	—	—	—	—				
33	7	5	2	—	—	—	2	2	—	—	—	—				

Trips and Drafts of Vessels, 2010  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
<b>STOCKTON, CA - continued</b>												
Inbound												
<b>FOREIGN</b>												
32	16	11	5	—	—	—	2	2	—	—	—	—
31	10	2	8	—	—	—	4	2	2	—	—	—
30	10	4	6	—	—	—	7	5	2	—	—	—
29	7	3	4	—	—	—	7	3	4	—	—	—
28	10	6	4	—	—	—	8	2	6	—	—	—
27	7	5	2	—	—	—	17	11	6	—	—	—
26	4	3	1	—	—	—	11	8	3	—	—	—
25	5	5	—	—	—	—	12	8	4	—	—	—
24	5	4	1	—	—	—	12	9	3	—	—	—
23	1	1	—	—	—	—	4	2	2	—	—	—
22	2	2	—	—	—	—	4	3	1	—	—	—
21	6	6	—	—	—	—	5	5	—	—	—	—
20	2	2	—	—	—	—	1	1	—	—	—	—
19	4	4	—	—	—	—	2	2	—	—	—	—
≤ 18	2	2	—	—	—	—	2	2	—	—	—	—
<b>DOMESTIC</b>												
<b>Total</b>	<b>31</b>	—	—	—	<b>15</b>	<b>2</b>	<b>14</b>	<b>32</b>	—	—	<b>14</b>	<b>2</b>
≤ 18	31	—	—	—	15	2	14	32	—	—	14	2
<b>Total trips:</b> <b>265</b>												

**MIDDLE RIVER, CA**  
No Vessel Trips Reported

**MOKELUMNE RIVER, CA**  
No Vessel Trips Reported

<b>Grand Total</b>	78	—	—	Upbound				Downbound				
				39	39	—	78	—	—	39	39	—
												<b>Total trips: 156</b>

Trips and Drafts of Vessels, 2010  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
<b>SAN FRANCISCO BAY ENTRANCE, CA</b>												
Upbound												
<b>Grand Total</b>	<b>3,733</b>	<b>2,434</b>	<b>722</b>	<b>248</b>	<b>7</b>	<b>322</b>	<b>3,735</b>	<b>2,439</b>	<b>710</b>	<b>256</b>	<b>8</b>	<b>322</b>
FOREIGN												
Total	2,731	2,202	502	14	3	10	2,756	2,206	510	27	3	10
56	—	—	—	—	—	—	1	1	—	—	—	—
46	—	—	—	—	—	—	2	2	—	—	—	—
45	11	10	1	—	—	—	5	5	—	—	—	—
44	9	4	5	—	—	—	16	16	—	—	—	—
43	17	14	3	—	—	—	33	33	—	—	—	—
42	57	29	28	—	—	—	49	48	1	—	—	—
41	84	64	20	—	—	—	66	66	—	—	—	—
40	110	92	18	—	—	—	93	90	3	—	—	—
39	122	96	26	—	—	—	114	110	4	—	—	—
38	116	98	18	—	—	—	138	129	9	—	—	—
37	125	93	32	—	—	—	104	94	10	—	—	—
36	102	73	29	—	—	—	111	97	14	—	—	—
35	93	73	20	—	—	—	73	62	11	—	—	—
34	99	89	10	—	—	—	77	66	11	—	—	—
33	102	76	26	—	—	—	67	51	16	—	—	—
32	1,013	979	34	—	—	—	138	36	102	—	—	—
31	78	53	25	—	—	—	80	51	29	—	—	—
30	80	62	16	1	—	1	1,015	952	62	1	—	—
29	104	24	79	—	—	1	121	46	75	—	—	—
28	86	56	29	—	—	—	1	90	48	42	—	—
27	68	38	30	—	—	—	120	43	75	1	—	1
26	50	31	19	—	—	—	53	38	15	—	—	—
25	31	21	9	—	—	—	1	41	33	8	—	—
24	25	19	6	—	—	—	38	27	9	1	—	1
23	23	13	9	1	—	—	19	13	2	—	—	4
22	29	23	5	—	—	1	14	12	2	—	—	—
21	38	35	1	2	—	—	21	14	6	1	—	—
20	11	8	3	—	—	—	7	1	3	—	1	2
19	16	15	—	1	—	—	18	15	—	3	—	—
≤ 18	32	14	1	9	—	3	5	32	7	1	20	2
DOMESTIC												
Total	1,002	232	220	234	4	312	979	233	200	229	5	312
48	1	—	1	—	—	—	—	—	—	—	—	—
44	7	—	7	—	—	—	—	—	—	—	—	—
43	5	—	5	—	—	—	—	—	—	—	—	—
42	9	—	9	—	—	—	2	—	2	—	—	—
41	1	—	1	—	—	—	—	—	—	—	—	—
40	5	—	5	—	—	—	5	—	5	—	—	—
39	3	—	3	—	—	—	3	2	1	—	—	—
38	1	—	1	—	—	—	4	3	1	—	—	—
37	2	—	2	—	—	—	19	15	4	—	—	—
36	18	6	12	—	—	—	26	14	12	—	—	—
35	7	2	5	—	—	—	33	15	18	—	—	—
34	12	6	6	—	—	—	28	15	13	—	—	—
33	38	14	24	—	—	—	31	26	5	—	—	—
32	31	26	5	—	—	—	28	25	3	—	—	—
31	27	19	8	—	—	—	61	11	50	—	—	—
30	32	23	9	—	—	—	8	3	4	—	—	1
29	30	24	6	—	—	—	1	—	1	—	—	—
28	19	8	10	—	—	1	11	1	3	—	—	7
27	17	3	8	—	—	6	24	—	3	—	—	21
26	24	—	5	—	—	19	29	—	4	—	—	25
25	42	1	12	—	—	29	36	1	2	—	—	33
24	17	—	4	—	—	13	47	2	—	—	—	45
23	6	—	4	—	—	2	7	—	3	—	—	4
22	18	—	2	—	—	16	14	—	4	—	—	10
21	41	—	3	—	—	38	12	—	—	—	—	12
20	13	—	10	—	—	3	13	—	—	—	—	13
19	13	—	9	—	—	3	7	—	—	—	—	7
≤ 18	563	99	44	234	4	182	530	100	62	229	5	134
Total trips:												
												7,468

Trips and Drafts of Vessels, 2010  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
<b>SAN FRANCISCO HARBOR, CA</b>												
<b>Grand Total</b>												
FOREIGN												
Total	73	60	9	4	—	—	70	57	5	8	—	—
43	1	1	—	—	—	—	—	—	—	—	—	—
41	1	1	—	—	—	—	—	—	—	—	—	—
38	1	1	—	—	—	—	—	—	—	—	—	—
37	1	1	—	—	—	—	—	—	—	—	—	—
36	—	—	—	—	—	—	3	3	—	—	—	—
35	1	1	—	—	—	—	—	—	—	—	—	—
34	1	1	—	—	—	—	1	1	—	—	—	—
33	1	1	—	—	—	—	—	—	—	—	—	—
32	3	2	1	—	—	—	1	1	—	—	—	—
31	4	1	3	—	—	—	—	—	—	—	—	—
30	1	—	1	—	—	—	2	2	—	—	—	—
29	2	—	2	—	—	—	6	4	2	—	—	—
28	18	18	—	—	—	—	17	17	—	—	—	—
27	9	9	—	—	—	—	7	6	1	—	—	—
26	4	3	1	—	—	—	7	6	1	—	—	—
25	2	2	—	—	—	—	3	3	—	—	—	—
24	5	5	—	—	—	—	3	3	—	—	—	—
23	4	4	—	—	—	—	4	4	—	—	—	—
≤ 22	14	9	1	4	—	—	16	7	1	8	—	—
DOMESTIC												
Total	39,547	38,723	—	692	90	42	39,517	38,725	—	659	90	43
24	360	360	—	692	90	42	89	89	—	659	90	43
≤ 22	39,187	38,363	—	692	90	42	39,428	38,636	—	659	90	43
Total trips:												79,207
<b>REDWOOD CITY HARBOR, CA</b>												
<b>Grand Total</b>												
FOREIGN												
Total	21	19	—	1	1	—	24	20	—	2	1	1
38	4	4	—	—	—	—	1	1	—	—	—	—
37	—	—	—	—	—	—	4	4	—	—	—	—
36	—	—	—	—	—	—	3	3	—	—	—	—
34	—	—	—	—	—	—	3	3	—	—	—	—
33	—	—	—	—	—	—	3	3	—	—	—	—
30	1	1	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	5	5	—	—	—	—
27	1	1	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	1	1	—	—	—	—
25	1	1	—	—	—	—	—	—	—	—	—	—
24	1	1	—	—	—	—	—	—	—	—	—	—
23	2	2	—	—	—	—	—	—	—	—	—	—
≤ 22	11	9	—	1	1	—	4	—	—	2	1	1
DOMESTIC												
Total	92	1	—	71	20	—	94	1	—	71	22	—
≤ 22	92	1	—	71	20	—	94	1	—	71	22	—
Total trips:												231
<b>OAKLAND HARBOR, CA</b>												
<b>Grand Total</b>												
FOREIGN												
Total	1,857	1,841	13	1	1	1	1,861	1,841	11	6	2	1

Trips and Drafts of Vessels, 2010  
(draft in feet)

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

**OAKLAND HARBOR, CA - continued**

	Inbound						Outbound					
<b>FOREIGN</b>												
56	—	—	—	—	—	—	1	1	—	—	—	—
46	—	—	—	—	—	—	2	2	—	—	—	—
45	8	8	—	—	—	—	5	5	—	—	—	—
44	4	4	—	—	—	—	16	16	—	—	—	—
43	12	12	—	—	—	—	33	33	—	—	—	—
42	29	29	—	—	—	—	48	48	—	—	—	—
41	62	62	—	—	—	—	66	66	—	—	—	—
40	93	92	1	—	—	—	89	89	—	—	—	—
39	97	95	2	—	—	—	108	108	—	—	—	—
38	92	92	—	—	—	—	124	124	—	—	—	—
37	93	92	1	—	—	—	86	86	—	—	—	—
36	73	73	—	—	—	—	90	90	—	—	—	—
35	71	71	—	—	—	—	55	55	—	—	—	—
34	86	85	1	—	—	—	44	44	—	—	—	—
33	64	63	1	—	—	—	45	44	1	—	—	—
32	921	921	—	—	—	—	28	28	—	—	—	—
31	34	33	1	—	—	—	47	47	—	—	—	—
30	37	37	—	—	—	—	901	899	2	—	—	—
29	13	9	4	—	—	—	23	18	5	—	—	—
28	19	17	2	—	—	—	13	13	—	—	—	—
27	11	11	—	—	—	—	13	8	3	1	—	1
26	9	9	—	—	—	—	3	3	—	—	—	—
25	4	4	—	—	—	—	2	2	—	—	—	—
24	4	4	—	—	—	—	5	5	—	—	—	—
23	3	3	—	—	—	—	—	—	—	—	—	—
≤ 22	18	15	—	1	1	1	14	7	—	5	2	—

**DOMESTIC**

Total	11,413	9,133	—	1,547	140	593	11,465	9,199	—	1,523	149	594
39	—	—	—	—	—	—	4	4	—	—	—	—
38	1	1	—	—	—	—	5	5	—	—	—	—
37	7	7	—	—	—	—	18	18	—	—	—	—
36	9	9	—	—	—	—	12	12	—	—	—	—
35	11	11	—	—	—	—	21	21	—	—	—	—
34	5	5	—	—	—	—	17	17	—	—	—	—
33	8	8	—	—	—	—	28	28	—	—	—	—
32	18	18	—	—	—	—	23	23	—	—	—	—
31	19	19	—	—	—	—	2	2	—	—	—	—
30	18	18	—	—	—	—	3	3	—	—	—	—
29	20	20	—	—	—	—	—	—	—	—	—	—
28	7	7	—	—	—	—	—	—	—	—	—	—
27	3	3	—	—	—	—	—	—	—	—	—	—
25	1	1	—	—	—	—	—	—	—	—	—	—
24	360	360	—	1,547	140	593	360	360	—	1,523	149	594
≤ 22	10,926	8,646	—	—	—	—	10,972	8,706	—	—	—	—
<b>Total trips:</b>												<b>26,596</b>

**RICHMOND HARBOR, CA**

Grand Total	6,000	65	393	4,374	107	1,061	6,012	71	398	4,373	98	1,072
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**FOREIGN**

Total	291	61	217	5	1	7	297	67	224	4	—	2
45	3	2	1	—	—	—	—	—	—	—	—	—
44	5	—	5	—	—	—	—	—	—	—	—	—
43	4	1	3	—	—	—	—	—	—	—	—	—
42	26	—	26	—	—	—	1	—	1	—	—	—
41	21	1	20	—	—	—	—	—	—	—	—	—
40	17	—	17	—	—	—	3	1	2	—	—	—
39	22	1	21	—	—	—	4	2	2	—	—	—
38	4	1	3	—	—	—	6	3	3	—	—	—
37	1	—	1	—	—	—	5	4	1	—	—	—
36	6	—	6	—	—	—	4	1	3	—	—	—
35	3	—	3	—	—	—	6	2	4	—	—	—
34	1	—	1	—	—	—	3	1	2	—	—	—
33	5	—	5	—	—	—	9	2	7	—	—	—

## Trips and Drafts of Vessels, 2010 (draft in feet)

Draft	(Enter in Tons)										
	Self Propelled Vessels					Non-Self Propelled Vessels		Self Propelled Vessels			Non-Self Propelled Vessels
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo

## RICHMOND HARBOR, CA - continued

## Inbound

## Outbound

## FOREIGN

32	30	23	7	—	—	—	89	2	87	—	—	—
31	3	—	3	—	—	—	6	—	6	—	—	—
30	3	1	2	—	—	—	30	24	6	—	—	—
29	55	2	53	—	—	—	55	7	48	—	—	—
28	5	3	1	—	—	1	7	3	4	—	—	—
27	14	1	13	—	—	—	33	1	32	—	—	—
26	15	9	6	—	—	—	8	7	1	—	—	—
25	6	3	2	—	—	1	7	6	1	—	—	—
24	6	3	3	—	—	—	5	—	5	—	—	—
23	10	1	8	1	—	—	—	—	—	—	—	—
22	26	9	7	4	1	5	16	1	9	4	—	2

## DOMESTIC

## SAN PABLO BAY AND MARE ISLAND STRAIT, CA

Upbound

## Downbound

Grand

	12,346	16,506	337	331	463	273	12,323	16,513	364	377	339	276
IGN												
Total	451	206	240	3	—	2	479	217	249	7	—	6
40	—	—	—	—	—	—	1	—	1	—	—	—
39	2	—	2	—	—	—	1	—	1	—	—	—
38	15	—	15	—	—	—	7	—	6	—	—	—
37	30	—	30	—	—	—	9	—	9	—	—	—
36	20	—	20	—	—	—	8	—	8	—	—	—
35	16	—	16	—	—	—	12	5	7	—	—	—
34	10	3	7	—	—	—	25	17	8	—	—	—
33	31	12	19	—	—	—	10	2	8	—	—	—
32	58	32	26	—	—	—	18	5	13	—	—	—
31	36	19	17	—	—	—	27	4	23	—	—	—
30	38	23	13	1	—	1	80	25	54	1	—	—
29	32	13	18	—	—	1	29	12	17	—	—	—
28	37	18	19	—	—	—	49	15	34	—	—	—
27	30	15	15	—	—	—	61	27	34	—	—	—
26	18	8	10	—	—	—	32	20	12	—	—	—
25	18	11	7	—	—	—	28	22	6	—	—	—
24	9	6	3	—	—	—	25	19	4	1	—	1
23	4	3	1	—	—	—	15	9	2	—	4	4
≤ 22	47	43	2	2	—	—	42	34	2	5	—	1

Trips and Drafts of Vessels, 2010  
(draft in feet)

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

**SAN PABLO BAY AND MARE ISLAND STRAIT, CA - continued**  
Upbound

Downbound

**DOMESTIC**

<b>Total</b>	<b>12,089</b>	<b>10,302</b>	<b>117</b>	<b>988</b>	<b>405</b>	<b>277</b>	<b>12,050</b>	<b>10,302</b>	<b>115</b>	<b>970</b>	<b>399</b>	<b>264</b>
42	1	—	1	—	—	—	2	—	2	—	—	—
40	1	—	1	—	—	—	4	—	4	—	—	—
39	—	—	—	—	—	—	1	—	1	—	—	—
36	6	5	1	—	—	—	1	—	1	—	—	—
35	—	—	—	—	—	—	1	—	1	—	—	—
33	3	—	3	—	—	—	3	—	3	—	—	—
32	2	—	2	—	—	—	—	—	—	—	—	—
31	6	—	6	—	—	—	32	—	32	—	—	—
30	7	—	7	—	—	—	3	—	2	—	—	1
29	5	—	5	—	—	—	1	—	1	—	—	—
28	9	—	8	—	—	—	7	—	1	—	—	6
27	12	—	8	—	—	—	4	22	—	2	—	20
26	16	—	1	—	—	—	15	26	—	4	—	22
25	5	—	3	—	—	—	2	15	—	1	—	14
24	9	—	2	—	—	—	7	3	—	—	3	—
23	5	—	3	—	—	—	2	6	—	2	—	4
≤ 22	12,002	10,297	66	988	405	246	11,923	10,302	58	970	399	194

**Total trips:** 25,069

**CARQUINEZ STRAIT, CA**

Upbound

Downbound

<b>Grand Total</b>	<b>3,195</b>	<b>1,362</b>	<b>329</b>	<b>1,061</b>	<b>165</b>	<b>278</b>	<b>3,130</b>	<b>1,373</b>	<b>333</b>	<b>993</b>	<b>161</b>	<b>270</b>
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**FOREIGN**

<b>Total</b>	<b>433</b>	<b>206</b>	<b>222</b>	<b>3</b>	<b>—</b>	<b>2</b>	<b>457</b>	<b>217</b>	<b>227</b>	<b>7</b>	<b>—</b>	<b>6</b>
40	—	—	2	—	—	—	1	—	1	—	—	—
39	2	—	15	—	—	—	1	—	1	—	—	—
38	15	—	15	—	—	—	6	—	5	—	—	—
37	29	—	29	—	—	—	7	—	7	—	—	—
36	19	—	19	—	—	—	6	—	6	—	—	—
35	15	—	15	—	—	—	10	—	5	—	—	—
34	10	3	7	—	—	—	23	17	6	—	—	—
33	31	12	19	—	—	—	10	2	8	—	—	—
32	58	32	26	—	—	—	16	5	11	—	—	—
31	35	19	16	—	—	—	25	4	21	—	—	—
30	38	23	13	1	—	—	80	25	54	1	—	—
29	31	13	17	—	—	—	28	12	16	—	—	—
28	34	18	16	—	—	—	46	15	31	—	—	—
27	27	15	12	—	—	—	57	27	30	—	—	—
26	15	8	7	—	—	—	32	20	12	—	—	—
25	16	11	5	—	—	—	27	22	5	—	—	—
24	8	6	2	—	—	—	25	19	4	1	—	1
23	4	3	1	—	—	—	15	9	2	—	4	—
≤ 22	46	43	1	2	—	—	42	34	2	5	—	1

**DOMESTIC**

<b>Total</b>	<b>2,762</b>	<b>1,156</b>	<b>107</b>	<b>1,058</b>	<b>165</b>	<b>276</b>	<b>2,673</b>	<b>1,156</b>	<b>106</b>	<b>986</b>	<b>161</b>	<b>264</b>
42	1	—	1	—	—	—	2	—	2	—	—	—
40	1	—	1	—	—	—	4	—	4	—	—	—
39	—	—	—	—	—	—	1	—	1	—	—	—
36	6	5	1	—	—	—	1	—	1	—	—	—
35	—	—	—	—	—	—	1	—	1	—	—	—
33	3	—	3	—	—	—	2	—	2	—	—	—
32	2	—	2	—	—	—	—	—	—	—	—	—
31	6	—	6	—	—	—	20	—	20	—	—	—
30	6	—	6	—	—	—	3	—	2	—	—	1
29	5	—	5	—	—	—	1	—	1	—	—	—
28	9	—	8	—	—	—	1	7	—	1	—	6
27	10	—	6	—	—	—	4	21	—	2	—	19
26	18	—	1	—	—	—	17	29	—	6	—	23
25	5	—	3	—	—	—	2	15	—	1	—	14
24	8	—	1	—	—	—	7	3	—	—	3	—
23	5	—	3	—	—	—	2	6	—	2	—	4
≤ 22	2,677	1,151	60	1,058	165	243	2,557	1,156	60	986	161	194

**Total trips:** 6,325

Trips and Drafts of Vessels, 2010  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels			
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker		
<b>SUISUN BAY CHANNEL, CA</b>														
<b>Grand Total</b>														
830	124	91	365	181	69	845	137	101	358	178	71			
<b>FOREIGN</b>														
<b>Total</b>	<b>169</b>	<b>124</b>	<b>45</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>188</b>	<b>137</b>	<b>50</b>	<b>1</b>	<b>—</b>	<b>—</b>		
38	—	—	—	—	—	—	3	1	2	—	—	—		
37	—	—	—	—	—	—	1	—	1	—	—	—		
36	—	—	—	—	—	—	6	5	1	—	—	—		
35	1	—	1	—	—	—	18	17	1	—	—	—		
34	—	—	—	—	—	—	3	2	1	—	—	—		
33	7	5	2	—	—	—	4	3	1	—	—	—		
32	24	19	5	—	—	—	5	3	2	—	—	—		
31	21	12	9	—	—	—	21	16	4	1	—	—		
30	18	11	7	—	—	—	11	5	6	—	—	—		
29	10	3	7	—	—	—	14	6	8	—	—	—		
28	16	9	7	—	—	—	21	14	7	—	—	—		
27	10	6	4	—	—	—	18	10	4	—	—	—		
26	5	3	2	—	—	—	9	7	2	—	—	—		
25	7	7	—	—	—	—	5	4	1	—	—	—		
24	7	6	1	—	—	—	9	9	—	—	—	—		
23	2	2	—	—	—	—	1	1	—	—	—	—		
22	7	7	—	—	—	—	3	3	—	—	—	—		
21	12	12	—	—	—	—	1	1	—	—	—	—		
20	6	6	—	—	—	—	3	1	—	—	—	—		
19	11	11	—	—	—	—	3	3	—	—	—	—		
≤ 18	5	5	—	—	—	—	3	3	—	—	—	—		
<b>DOMESTIC</b>														
<b>Total</b>	<b>661</b>	<b>—</b>	<b>46</b>	<b>365</b>	<b>181</b>	<b>69</b>	<b>657</b>	<b>—</b>	<b>51</b>	<b>357</b>	<b>178</b>	<b>71</b>		
42	1	—	1	—	—	—	1	—	1	—	—	—		
40	1	—	1	—	—	—	1	—	1	—	—	—		
39	—	—	—	—	—	—	1	—	1	—	—	—		
36	1	—	1	—	—	—	1	—	1	—	—	—		
35	—	—	—	—	—	—	1	—	1	—	—	—		
33	1	—	1	—	—	—	—	—	—	—	—	—		
32	1	—	1	—	—	—	—	—	—	—	—	—		
31	—	—	—	—	—	—	1	—	1	—	—	—		
30	3	—	3	—	—	—	1	—	1	—	—	—		
29	4	—	4	—	—	—	1	—	1	—	—	—		
28	2	—	2	—	—	—	1	—	1	—	—	—		
27	4	—	1	—	—	—	3	2	2	—	—	—		
26	8	—	2	—	—	—	6	3	3	—	—	—		
25	1	—	—	—	—	—	1	—	1	—	—	—		
24	1	—	—	—	—	—	1	—	—	—	—	—		
23	1	—	1	—	—	—	—	3	—	3	—	—		
22	2	—	2	—	—	—	—	6	5	—	1	—		
21	—	—	—	—	—	—	—	3	—	—	3	—		
20	2	—	—	—	—	—	2	3	—	—	—	3		
19	1	—	—	—	—	—	1	2	—	—	—	2		
≤ 18	627	—	26	365	181	55	627	—	30	357	178	62		
<b>Total trips:</b>											<b>1,675</b>			
<b>PETALUMA RIVER, CA</b>														
<b>Grand Total</b>														
248	—	—	124	124	—	—	258	—	—	130	127	1		
<b>DOMESTIC</b>														
<b>Total</b>	<b>248</b>	<b>—</b>	<b>124</b>	<b>124</b>	<b>—</b>	<b>—</b>	<b>258</b>	<b>—</b>	<b>—</b>	<b>130</b>	<b>127</b>	<b>1</b>		
13	26	—	—	124	124	—	—	—	—	130	127	1		
12	41	—	—	—	41	—	—	—	—	—	—	—		
11	17	—	—	—	17	—	—	—	—	—	—	—		
10	17	—	—	—	17	—	—	—	—	—	—	—		
9	46	—	—	46	—	—	46	—	—	46	—	—		
8	55	—	—	55	—	—	57	—	—	57	—	—		
6	23	—	—	23	—	—	27	—	—	27	—	—		
5	20	—	—	—	20	—	—	—	—	—	—	—		
4	3	—	—	—	3	—	—	—	—	—	—	—		

Trips and Drafts of Vessels, 2010  
(draft in feet)

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

**PETALUMA RIVER, CA - continued**

Upbound    Downbound

**DOMESTIC**

3	—	—	—	—	—	—	57	—	—	—	—	57	—
<b>Total trips:</b>													

**HUMBOLDT HARBOR AND BAY, CA**

Inbound

<b>Grand Total</b>	<b>124</b>	<b>2</b>	<b>—</b>	<b>68</b>	<b>17</b>	<b>37</b>	<b>117</b>	<b>1</b>	<b>—</b>	<b>69</b>	<b>18</b>	<b>29</b>
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**FOREIGN**

<b>Total</b>	<b>1</b>	<b>1</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>1</b>	<b>1</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>24</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>1</b>	<b>1</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>

**DOMESTIC**

<b>Total</b>	<b>123</b>	<b>1</b>	<b>—</b>	<b>68</b>	<b>17</b>	<b>37</b>	<b>116</b>	<b>—</b>	<b>—</b>	<b>69</b>	<b>18</b>	<b>29</b>
<b>26</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>68</b>	<b>17</b>	<b>36</b>	<b>116</b>	<b>—</b>	<b>—</b>	<b>69</b>	<b>18</b>	<b>29</b>
<b>Total trips:</b>												

**BERKELEY, CA**

No Vessel Trips Reported

**BODEGA BAY, CA**

No Vessel Trips Reported

**CRESCENT CITY HARBOR, CA**

No Vessel Trips Reported

**MONTEREY HARBOR, CA**

(6 feet and less)

<b>Grand Total</b>	<b>6</b>	<b>4</b>	<b>—</b>	<b>2</b>	<b>—</b>	<b>—</b>	<b>6</b>	<b>4</b>	<b>—</b>	<b>2</b>	<b>—</b>	<b>12</b>
<b>Total trips:</b>												

**MOSS LANDING HARBOR, CA**

No Vessel Trips Reported

**NAPA RIVER, CA**

(14 feet and less)

<b>Grand Total</b>	<b>50</b>	<b>—</b>	<b>—</b>	<b>25</b>	<b>25</b>	<b>—</b>	<b>50</b>	<b>—</b>	<b>—</b>	<b>25</b>	<b>25</b>	<b>100</b>
<b>Total trips:</b>												

**NOYO RIVER, CA**

No Vessel Trips Reported

**PILLAR POINT HARBOR, CA**

No Vessel Trips Reported

Trips and Drafts of Vessels, 2010  
(draft in feet)

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

**SAN LEANDRO MARINA, CA**  
(6 feet and less)

	Inbound						Outbound					
<b>Grand Total</b>	110	—	—	56	54	—	112	—	—	—	56	56
											<b>Total trips:</b>	<b>222</b>

**SAN RAFAEL CREEK, CA**  
No Vessel Trips Reported

**SANTA CRUZ HARBOR, CA**  
No Vessel Trips Reported

**SUISUN CHANNEL, CA**  
No Vessel Trips Reported

**OTHER SAN FRANCISCO BAY AREA PORTS, CA**  
(42 feet and less)

	Upbound						Downbound					
<b>Grand Total</b>	19,450	17,593	35	1,251	373	198	19,443	17,582	33	1,260	370	198
											<b>Total trips:</b>	<b>38,893</b>

Trips and Drafts of Vessels, 2010  
(draft in feet)

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

**HILO HARBOR, HAWAII IS., HI**

Inbound													Outbound		
<b>Grand Total</b>	<b>737</b>	<b>134</b>	<b>8</b>	<b>280</b>	<b>201</b>	<b>114</b>	<b>736</b>	<b>134</b>	<b>8</b>	<b>279</b>	<b>201</b>	<b>114</b>			
FOREIGN															
Total	64	56	8	—	—	—	64	56	8	—	—	—			
33	1	1	—	—	—	—	—	—	—	—	—	—			
31	—	—	—	—	—	—	1	1	—	—	—	—			
28	17	17	—	—	—	—	17	17	—	—	—	—			
27	21	21	—	—	—	—	21	21	—	—	—	—			
26	3	3	—	—	—	—	3	3	—	—	—	—			
25	4	3	1	—	—	—	3	3	—	—	—	—			
24	4	4	—	—	—	—	5	4	1	—	—	—			
23	4	1	3	—	—	—	3	1	2	—	—	—			
22	3	2	1	—	—	—	3	2	1	—	—	—			
21	1	—	1	—	—	—	1	—	1	—	—	—			
20	1	—	1	—	—	—	1	—	1	—	—	—			
19	2	2	—	—	—	—	2	2	—	—	—	—			
≤ 18	3	2	1	—	—	—	4	2	2	—	—	—			
DOMESTIC															
Total	673	78	—	280	201	114	672	78	—	279	201	114			
27	43	43	—	—	—	—	43	43	—	—	—	—			
26	35	35	—	—	—	—	35	35	—	—	—	—			
24	—	—	—	—	—	21	—	—	—	—	—	—			
22	33	—	—	—	—	33	—	—	—	—	—	—			
21	2	—	—	—	—	2	—	—	—	—	—	—			
≤ 18	539	—	—	280	201	58	594	—	—	279	201	114			
													<b>Total trips:</b>	<b>1,473</b>	

**KAWAIHAE HARBOR, HAWAII IS., HI**

Inbound													Outbound		
<b>Grand Total</b>	<b>644</b>	<b>1</b>	<b>—</b>	<b>337</b>	<b>306</b>	<b>—</b>	<b>663</b>	<b>1</b>	<b>—</b>	<b>338</b>	<b>324</b>	<b>—</b>			
FOREIGN															
Total	1	1	—	—	—	—	1	1	—	—	—	—			
33	1	1	—	—	—	—	1	1	—	—	—	—			
28	—	—	—	—	—	—	1	1	—	—	—	—			
DOMESTIC															
Total	643	—	—	337	306	—	662	—	—	338	324	—			
≤ 18	643	—	—	337	306	—	662	—	—	338	324	—			
													<b>Total trips:</b>	<b>1,307</b>	

**KAHULUI HARBOR, MAUI, HI**

Inbound													Outbound		
<b>Grand Total</b>	<b>987</b>	<b>93</b>	<b>8</b>	<b>466</b>	<b>331</b>	<b>89</b>	<b>980</b>	<b>91</b>	<b>8</b>	<b>467</b>	<b>329</b>	<b>85</b>			
FOREIGN															
Total	19	10	8	1	—	—	16	8	8	—	—	—			
32	2	2	—	—	—	—	—	—	—	—	—	—			
31	1	1	—	—	—	—	—	—	—	—	—	—			
28	—	—	—	—	—	—	1	1	—	—	—	—			
27	4	4	—	—	—	—	4	4	—	—	—	—			
25	1	1	—	—	—	—	1	1	—	—	—	—			
24	3	1	1	1	—	—	1	—	1	—	—	—			
23	1	—	1	—	—	—	1	—	1	—	—	—			
22	3	1	2	—	—	—	2	1	1	—	—	—			
21	—	—	—	—	—	—	1	1	—	—	—	—			
20	2	—	2	—	—	—	3	—	3	—	—	—			
≤ 18	2	—	2	—	—	—	2	—	2	—	—	—			

### Trips and Drafts of Vessels, 2010 (draft in feet)

Draft	(Enter in millions)											
	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

**KAHULUI HARBOR, MAUI, HI - continued**

## Inbound

## Outbound

## DOMESTIC

## **BARBERS POINT HARBOR, OAHU, HI**

Inbound

## Outbound

## Grand Total

FOREIGN

Total	127	32	95				132	33	95	2	2
53	1	—	1	—	—	—	—	—	—	—	—
52	3	—	3	—	—	—	—	—	—	—	—
51	2	—	2	—	—	—	—	—	—	—	—
49	5	—	5	—	—	—	—	—	—	—	—
48	4	—	4	—	—	—	—	—	—	—	—
47	12	—	12	—	—	—	—	—	—	—	—
46	13	—	13	—	—	—	—	—	—	—	—
45	7	—	7	—	—	—	—	—	—	—	—
44	7	—	7	—	—	—	1	—	1	—	—
42	6	—	6	—	—	—	—	—	—	—	—
41	1	—	1	—	—	—	—	—	—	—	—
40	1	1	—	—	—	—	—	—	—	—	—
37	7	7	—	—	—	—	1	—	1	—	—
36	13	13	—	—	—	—	3	1	2	—	—
35	5	5	—	—	—	—	3	3	—	2	—
33	2	1	1	—	—	—	4	2	—	1	—
32	1	1	—	—	—	—	3	2	—	1	—
31	1	1	—	—	—	—	2	2	—	—	—
30	—	—	—	—	—	—	11	2	9	—	—
29	2	—	2	—	—	—	16	1	15	—	—
28	—	—	—	—	—	—	24	5	19	—	—
27	1	—	1	—	—	—	15	1	14	—	—
26	1	—	1	—	—	—	4	3	1	—	—
25	—	—	—	—	—	—	6	3	3	—	—
24	1	1	—	—	—	—	5	2	3	—	—
23	1	1	—	—	—	—	5	1	4	—	—
22	—	—	—	—	—	—	6	2	4	—	—
21	—	—	—	—	—	—	7	1	6	—	—
20	—	—	—	—	—	—	5	1	4	—	—
19	5	1	4	—	—	—	5	1	4	—	—
18	4	—	4	—	—	—	1	—	1	—	—
17	5	—	5	—	—	—	—	—	—	—	—
16	9	—	9	—	—	—	1	—	1	—	—
15	4	—	4	—	—	—	—	—	—	—	—
14	1	—	1	—	—	—	1	—	—	1	—
13	1	—	1	—	—	—	—	—	—	—	—
12	1	—	1	—	—	—	3	—	1	—	2

## DOMESTIC

Trips and Drafts of Vessels, 2010  
(draft in feet)

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

**BARBERS POINT HARBOR, OAHU, HI - continued**  
Inbound

Outbound

**DOMESTIC**

25	1	—	—	—	—	1	1	—	—	—	—	1
24	—	—	—	—	—	—	21	—	—	—	—	21
23	4	—	4	—	—	—	4	—	4	—	—	—
22	—	—	—	—	—	—	67	—	1	—	—	66
21	2	—	—	—	—	2	2	—	—	—	—	2
20	—	—	—	—	—	—	1	—	—	—	—	1
19	2	—	—	—	—	2	—	—	—	—	—	—
18	23	—	—	14	7	2	14	—	—	14	—	—
17	9	—	—	2	—	7	78	—	—	2	—	76
16	16	—	—	5	8	3	5	—	—	5	—	—
15	22	—	—	22	—	—	20	—	—	20	—	—
14	165	—	—	165	—	—	161	—	—	161	—	—
13	95	—	—	95	—	—	98	—	2	94	—	2
≤ 12	424	—	2	189	57	176	271	—	2	189	58	22
												<b>Total trips: 1,784</b>

**HONOLULU HARBOR, OAHU, HI**

Inbound

Outbound

<b>Grand Total</b>	<b>3,408</b>	<b>761</b>	<b>40</b>	<b>1,528</b>	<b>1,034</b>	<b>45</b>	<b>3,473</b>	<b>758</b>	<b>55</b>	<b>1,543</b>	<b>1,071</b>	<b>46</b>
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**FOREIGN**

<b>Total</b>	<b>398</b>	<b>350</b>	<b>33</b>	<b>13</b>	<b>2</b>	<b>—</b>	<b>439</b>	<b>366</b>	<b>48</b>	<b>21</b>	<b>1</b>	<b>3</b>
48	1	1	—	1	—	—	1	1	—	—	—	—
40	1	—	1	—	—	—	—	—	—	—	—	—
39	5	4	1	—	—	—	1	1	—	—	—	—
38	18	12	6	—	—	—	4	4	—	—	—	—
37	23	21	2	—	—	—	13	10	3	—	—	—
36	23	19	4	—	—	—	20	19	1	—	—	—
35	19	18	1	—	—	—	10	10	—	—	—	—
34	20	20	—	—	—	—	18	17	1	—	—	—
33	22	22	—	—	—	—	33	32	1	—	—	—
32	18	18	—	—	—	—	23	22	1	—	—	—
31	25	25	—	—	—	—	26	26	—	—	—	—
30	20	19	1	—	—	—	33	28	5	—	—	—
29	13	13	—	—	—	—	29	27	2	—	—	—
28	36	35	1	—	—	—	46	42	4	—	—	—
27	45	45	—	—	—	—	51	46	5	—	—	—
26	21	21	—	—	—	—	25	23	2	—	—	—
25	23	21	2	—	—	—	14	7	6	—	—	1
24	12	11	1	—	—	—	12	12	—	—	—	—
23	1	1	—	—	—	—	5	5	—	—	—	—
22	3	3	—	—	—	—	10	4	6	—	—	—
21	5	5	—	—	—	—	5	4	—	1	—	—
20	5	2	2	1	—	—	8	4	4	—	—	—
19	5	2	3	—	—	—	10	6	4	—	—	—
≤ 18	34	12	8	12	2	—	42	16	3	20	1	2

**DOMESTIC**

<b>Total</b>	<b>3,010</b>	<b>411</b>	<b>7</b>	<b>1,515</b>	<b>1,032</b>	<b>45</b>	<b>3,034</b>	<b>392</b>	<b>7</b>	<b>1,522</b>	<b>1,070</b>	<b>43</b>
40	1	—	1	—	—	—	1	—	1	—	—	—
39	6	—	6	—	—	—	—	—	—	—	—	—
38	15	15	—	—	—	—	—	—	—	—	—	—
37	16	16	—	—	—	—	—	—	—	—	—	—
36	38	37	1	—	—	—	1	—	1	—	—	—
35	31	31	—	—	—	—	5	5	—	—	—	—
34	36	35	1	—	—	—	11	11	—	—	—	—
33	25	25	—	—	—	—	25	24	1	—	—	—
32	12	12	—	—	—	—	36	35	1	—	—	—
31	5	4	1	—	—	—	21	21	—	—	—	—
30	5	5	—	—	—	—	19	17	2	—	—	—
29	1	—	1	—	—	—	8	8	—	—	—	—
28	2	2	—	—	—	—	5	5	—	—	—	—
27	47	47	—	—	—	—	50	50	—	—	—	—
26	35	35	—	—	—	—	56	56	—	—	—	—
25	1	1	—	—	—	—	13	13	—	—	—	—
24	2	2	—	—	—	—	7	7	—	—	—	—

Trips and Drafts of Vessels, 2010  
(draft in feet)

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

**HONOLULU HARBOR, OAHU, HI - continued**  
Inbound

Outbound

DOMESTIC

22	3	—	2	—	—	1	1	—	1	—	—	—
21	1	—	—	—	—	1	—	—	—	—	—	—
20	4	—	—	—	—	4	—	—	—	—	—	—
19	1	—	—	—	—	1	—	—	—	—	—	—
≤ 18	2,723	138	—	1,515	1,032	38	2,775	139	1	1,522	1,070	43
<b>Total trips:</b>												<b>6,881</b>

**NAWILIWILI HARBOR, KAUAI, HI**

Inbound

Outbound

Grand Total	579	108	7	241	189	34	570	112	7	239	179	33
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FOREIGN

Total	37	30	7	—	—	—	39	32	7	—	—	—
36	1	1	—	—	—	—	—	—	—	—	—	—
28	8	8	—	—	—	—	10	10	—	—	—	—
27	13	13	—	—	—	—	12	12	—	—	—	—
26	2	2	—	—	—	—	2	2	—	—	—	—
25	2	1	1	—	—	—	3	2	1	—	—	—
24	3	2	1	—	—	—	3	2	1	—	—	—
22	3	1	2	—	—	—	2	1	1	—	—	—
21	—	—	—	—	—	—	1	—	1	—	—	—
20	1	—	1	—	—	—	—	—	1	—	—	—
19	1	—	1	—	—	—	—	—	—	—	—	—
≤ 18	3	2	1	—	—	—	5	3	2	—	—	—

DOMESTIC

Total	542	78	—	241	189	34	531	80	—	239	179	33
27	43	43	—	—	—	—	45	45	—	—	—	—
26	35	35	—	—	—	—	35	35	—	—	—	—
≤ 18	464	—	—	241	189	34	451	—	—	239	179	33
<b>Total trips:</b>												<b>1,149</b>

**HANA HARBOR, MAUI, HI**  
No Vessel Trips Reported

**KAILUA HARBOR, OAHU, HI**  
No Vessel Trips Reported

**KALAUPAPA HARBOR, MOLOKAI, HI**  
No Vessel Trips Reported

Grand Total	Inbound						Outbound					
	211	—	—	110	101	—	200	—	—	110	90	—
												411

**PORT ALLEN HARBOR, KAUAI, HI**  
(17 feet and less)

Grand Total	Inbound						Outbound					
	25	—	—	25	—	—	25	—	—	25	—	—
												50

Trips and Drafts of Vessels, 2010  
(draft in feet)

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

**WAKE ISLAND HARBOR, WAKE ISLAND**  
(17 feet and less)

	Inbound						Outbound					
<b>Grand Total</b>	1	—	—	1	—	—	1	—	—	—	1	—

**Total trips:** 2

**WELLS HARBOR, MIDWAY ISLAND**  
No Vessel Trips Reported

Trips and Drafts of Vessels, 2010  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
<b>COLUMBIA RIVER AND TRIBUTARIES ABOVE MCNARY LOCK AND DAM TO KENNEWICK, WA</b>												
Upbound												
<b>Grand Total</b>	<b>2,535</b>	—	—	1,008	1,148	379	2,483	—	—	1,008	1,115	360
<b>DOMESTIC</b>												
Total	2,535	—	—	1,008	1,148	379	2,483	—	—	1,008	1,115	360
17	—	—	—	—	—	—	1	—	—	—	1	—
16	—	—	—	—	—	—	168	—	—	—	168	—
15	—	—	—	—	—	—	24	—	—	—	24	—
14	74	—	—	—	3	71	71	—	—	—	68	3
13	111	—	—	1	13	97	517	—	—	1	509	7
≤ 12	2,350	—	—	1,007	1,132	211	1,702	—	—	1,007	345	350
											<b>Total trips:</b>	<b>5,018</b>
<b>SNAKE RIVER, OR, WA AND ID</b>												
Upbound												
<b>Grand Total</b>	<b>2,129</b>	—	—	<b>1,182</b>	<b>809</b>	<b>138</b>	<b>2,183</b>	—	—	<b>1,182</b>	<b>883</b>	<b>118</b>
<b>DOMESTIC</b>												
Total	2,129	—	—	1,182	809	138	2,183	—	—	1,182	883	118
17	—	—	—	—	—	—	1	—	—	—	1	—
16	—	—	—	—	—	—	89	—	—	—	89	—
15	—	—	—	—	—	—	20	—	—	—	20	—
14	77	—	—	—	4	73	164	—	—	—	157	7
13	70	—	—	—	10	60	394	—	—	—	376	18
12	17	—	—	14	3	—	70	—	—	11	59	—
11	90	—	—	90	—	—	114	—	—	89	25	—
10	589	—	—	574	15	—	620	—	—	562	58	—
9	40	—	—	32	8	—	50	—	—	50	—	—
8	362	—	—	351	10	1	362	—	—	336	26	—
7	132	—	—	120	8	4	126	—	—	114	12	—
6	133	—	—	1	132	—	6	—	—	1	5	—
5	4	—	—	—	4	—	30	—	—	19	3	8
4	7	—	—	—	7	—	4	—	—	—	4	—
3	364	—	—	—	364	—	39	—	—	—	26	13
2	244	—	—	—	244	—	94	—	—	—	22	72
											<b>Total trips:</b>	<b>4,312</b>

Trips and Drafts of Vessels, 2010  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
<b>COLUMBIA RIVER ENTRANCE, OR AND WA</b>												
Upbound												
<b>Grand Total</b>	<b>2,044</b>	<b>1,339</b>	<b>114</b>	<b>297</b>	<b>185</b>	<b>109</b>	<b>1,997</b>	<b>1,343</b>	<b>107</b>	<b>278</b>	<b>187</b>	<b>82</b>
FOREIGN												
Total	1,536	1,338	76	60	52	10	1,536	1,340	75	60	56	5
41	2	2	—	—	—	—	99	99	—	—	—	—
40	16	16	—	—	—	—	197	197	—	—	—	—
39	22	22	—	—	—	—	69	69	—	—	—	—
38	12	11	1	—	—	—	31	31	—	—	—	—
37	28	19	9	—	—	—	36	35	1	—	—	—
36	14	11	3	—	—	—	63	63	—	—	—	—
35	23	19	4	—	—	—	60	60	—	—	—	—
34	25	22	3	—	—	—	112	112	—	—	—	—
33	42	28	14	—	—	—	111	106	3	1	—	1
32	77	76	1	—	—	—	62	62	—	—	—	—
31	43	34	9	—	—	—	68	63	5	—	—	—
30	44	38	6	—	—	—	80	72	8	—	—	—
29	45	38	7	—	—	—	54	40	14	—	—	—
28	55	44	11	—	—	—	78	70	8	—	—	—
27	43	39	4	—	—	—	45	38	7	—	—	—
26	49	46	3	—	—	—	62	50	12	—	—	—
25	44	42	1	—	—	—	1	39	35	4	—	—
24	79	79	—	—	—	—	50	46	4	—	—	—
23	164	164	—	—	—	—	24	21	3	—	—	—
22	170	170	—	—	—	—	16	15	—	1	—	—
21	200	192	—	5	1	2	28	19	4	5	—	—
20	149	110	—	—	39	—	16	14	—	—	2	—
19	87	78	—	1	7	1	11	7	2	2	—	4
≤ 18	103	38	—	54	5	6	125	16	—	51	54	4
DOMESTIC												
Total	508	1	38	237	133	99	461	3	32	218	131	77
42	1	—	1	—	—	—	—	—	—	—	—	—
40	1	—	1	—	—	—	—	—	—	—	—	—
37	3	—	3	—	—	—	—	—	—	—	—	—
36	5	—	5	—	—	—	1	—	1	—	—	—
35	13	—	13	—	—	—	—	—	—	—	—	—
34	9	—	9	—	—	—	—	—	—	—	—	—
33	2	—	2	—	—	—	—	—	—	—	—	—
32	1	—	1	—	—	—	—	—	—	—	—	—
30	2	—	2	—	—	—	1	—	1	—	—	—
28	4	—	—	—	—	4	—	—	—	—	—	—
27	13	—	—	—	—	13	—	—	—	—	—	—
26	12	—	—	—	—	12	1	—	—	—	—	1
25	3	—	—	—	—	3	—	—	—	—	—	—
24	21	—	—	—	—	21	1	—	—	—	—	1
23	2	—	—	—	—	2	—	—	—	—	—	—
22	7	—	—	—	—	7	2	—	1	—	—	1
21	4	—	—	—	—	4	—	—	—	—	—	—
20	2	—	—	—	—	2	8	—	8	—	—	—
19	3	—	—	—	—	3	—	—	—	—	—	—
≤ 18	400	1	1	237	133	28	447	3	21	218	131	74
Total trips:												
<b>4,041</b>												
<b>COLUMBIA RIVER, MOUTH TO INTERNATIONAL BOUNDARY</b>												
Upbound												
<b>Grand Total</b>	<b>53,279</b>	<b>40,659</b>	<b>114</b>	<b>8,496</b>	<b>3,422</b>	<b>588</b>	<b>53,396</b>	<b>40,663</b>	<b>107</b>	<b>8,496</b>	<b>3,523</b>	<b>607</b>
FOREIGN												
Total	1,536	1,338	76	60	52	10	1,536	1,340	75	60	56	5
41	2	2	—	—	—	—	99	99	—	—	—	—
40	16	16	—	—	—	—	197	197	—	—	—	—
39	22	22	—	—	—	—	69	69	—	—	—	—
38	12	11	1	—	—	—	31	31	—	—	—	—
37	28	19	9	—	—	—	36	35	1	—	—	—
36	14	11	3	—	—	—	63	63	—	—	—	—
35	23	19	4	—	—	—	60	60	—	—	—	—

Trips and Drafts of Vessels, 2010  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
<b>COLUMBIA RIVER, MOUTH TO INTERNATIONAL BOUNDARY - continued</b>												
Upbound												
FOREIGN												
34	25	22	3	—	—	—	112	112	—	—	—	—
33	42	28	14	—	—	—	111	106	3	1	—	1
32	77	76	1	—	—	—	62	62	—	—	—	—
31	43	34	9	—	—	—	68	63	5	—	—	—
30	44	38	6	—	—	—	80	72	8	—	—	—
29	45	38	7	—	—	—	54	40	14	—	—	—
28	55	44	11	—	—	—	78	70	8	—	—	—
27	43	39	4	—	—	—	45	38	7	—	—	—
26	49	46	3	—	—	—	62	50	12	—	—	—
25	44	42	1	—	—	1	39	35	4	—	—	—
24	79	79	—	—	—	—	50	46	4	—	—	—
23	164	164	—	—	—	—	24	21	3	—	—	—
22	170	170	—	—	—	—	16	15	—	1	—	—
21	200	192	—	5	1	2	28	19	4	5	—	—
20	149	110	—	—	39	—	16	14	—	—	2	—
19	87	78	—	1	7	1	11	7	2	2	—	—
18	22	21	—	1	—	—	6	5	—	1	—	—
17	28	8	—	19	—	1	21	3	—	17	—	1
16	27	2	—	22	—	3	27	1	—	25	—	—
15	8	3	—	3	1	1	9	3	—	4	2	—
14	9	—	—	7	2	—	4	—	—	4	—	—
13	2	1	—	—	1	—	1	1	—	—	—	—
12	5	2	—	2	—	1	2	2	—	—	—	—
11	—	—	—	—	—	—	1	1	—	—	—	—
10	1	—	—	—	1	—	—	2	—	—	—	2
7	1	1	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	1	—	—	1	3	—
5	—	—	—	—	—	—	3	—	—	—	47	—
4	—	—	—	—	—	—	47	—	—	—	47	—
3	—	—	—	—	—	—	1	—	—	—	1	—
DOMESTIC												
Total	<b>51,743</b>	<b>39,321</b>	<b>38</b>	<b>8,436</b>	<b>3,370</b>	<b>578</b>	<b>51,860</b>	<b>39,323</b>	<b>32</b>	<b>8,436</b>	<b>3,467</b>	<b>602</b>
40	2	—	2	—	—	—	—	—	—	—	—	—
37	3	—	3	—	—	—	—	—	—	—	—	—
36	5	—	5	—	—	—	1	—	1	—	—	—
35	13	—	13	—	—	—	—	—	—	—	—	—
34	9	—	9	—	—	—	—	—	—	—	—	—
33	2	—	2	—	—	—	—	—	—	—	—	—
32	1	—	1	—	—	—	—	—	—	—	—	—
30	2	—	2	—	—	—	—	1	—	1	—	—
28	4	—	2	—	—	—	4	—	—	—	—	—
27	13	—	—	—	—	13	—	—	—	—	—	—
26	12	—	—	—	—	12	1	—	—	—	—	1
25	3	—	—	—	—	3	—	—	—	—	—	—
24	21	—	—	—	—	21	1	—	—	—	—	1
23	2	—	—	—	—	2	—	—	1	—	—	—
22	7	—	—	—	—	7	2	—	1	—	—	1
21	4	—	—	—	—	4	—	—	—	—	—	—
20	2	—	—	—	—	2	8	—	8	—	—	—
19	3	—	—	—	—	3	—	—	—	—	—	—
18	10	—	1	2	—	7	17	—	3	1	13	—
17	9	—	—	4	—	5	13	—	4	4	9	—
16	29	—	—	28	—	1	245	—	13	32	200	—
15	50	—	—	42	5	3	76	—	3	39	34	—
14	198	—	—	69	44	85	477	—	—	68	384	25
13	329	—	—	108	108	113	743	—	—	101	632	10
12	829	—	—	694	113	22	972	—	2	750	213	7
11	933	—	—	770	134	29	983	—	—	760	223	—
10	3,435	—	—	3,395	24	16	3,612	1	—	3,406	202	3
9	877	—	—	760	105	12	815	—	—	721	93	1
8	1,038	—	—	750	249	39	804	—	—	663	130	11
7	1,449	—	—	1,244	127	78	1,191	—	1,137	27	27	—
6	33,427	32,858	—	523	38	8	33,409	32,858	—	522	25	4
5	133	—	—	38	39	56	130	—	112	6	12	—
4	499	—	—	—	475	24	727	—	—	478	249	—
3	7,326	6,463	—	8	850	5	6,996	6,464	—	7	368	157
2	1,064	—	—	1	1,059	4	622	—	—	113	416	93
	—	—	—	—	—	14	—	—	—	14	—	—
	<b>Total trips:</b>											<b>106,675</b>

Trips and Drafts of Vessels, 2010  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
<b>COLUMBIA AND LOWER WILLAMETTE RIVERS BELOW VANCOUVER, WA AND PORTLAND, OR</b>												
Upbound												
<b>Grand Total</b>	<b>23,182</b>	<b>7,801</b>	<b>115</b>	<b>10,720</b>	<b>3,834</b>	<b>712</b>	<b>22,962</b>	<b>7,805</b>	<b>109</b>	<b>10,720</b>	<b>3,702</b>	<b>626</b>
<b>FOREIGN</b>												
Total	1,536	1,338	76	60	52	10	1,536	1,340	75	60	56	5
41	2	2	—	—	—	—	99	99	—	—	—	—
40	16	16	—	—	—	—	197	197	—	—	—	—
39	22	22	—	—	—	—	69	69	—	—	—	—
38	12	11	1	—	—	—	31	31	—	—	—	—
37	28	19	9	—	—	—	36	35	1	—	—	—
36	14	11	3	—	—	—	63	63	—	—	—	—
35	23	19	4	—	—	—	60	60	—	—	—	—
34	25	22	3	—	—	—	112	112	—	—	—	—
33	42	28	14	—	—	—	111	106	3	1	—	1
32	77	76	1	—	—	—	62	62	—	—	—	—
31	43	34	9	—	—	—	68	63	5	—	—	—
30	44	38	6	—	—	—	80	72	8	—	—	—
29	45	38	7	—	—	—	54	40	14	—	—	—
28	55	44	11	—	—	—	78	70	8	—	—	—
27	43	39	4	—	—	—	45	38	7	—	—	—
26	49	46	3	—	—	—	62	50	12	—	—	—
25	44	42	1	—	—	—	1	39	35	4	—	—
24	79	79	—	—	—	—	50	46	4	—	—	—
23	164	164	—	—	—	—	24	21	3	—	—	—
22	170	170	—	—	—	—	16	15	—	1	—	—
21	200	192	—	5	1	2	28	19	4	5	—	—
20	149	110	—	—	39	—	16	14	—	—	2	—
19	87	78	—	1	7	1	11	7	2	2	—	—
≤ 18	103	38	—	54	5	6	125	16	—	51	54	4
<b>DOMESTIC</b>												
Total	21,646	6,463	39	10,660	3,782	702	21,426	6,465	34	10,660	3,646	621
42	1	—	1	—	—	—	—	—	—	—	—	—
40	1	—	1	—	—	—	—	—	—	—	—	—
37	3	—	3	—	—	—	—	—	—	—	—	—
36	5	—	5	—	—	—	1	—	1	—	—	—
35	13	—	13	—	—	—	—	—	—	—	—	—
34	9	—	9	—	—	—	—	—	—	—	—	—
33	2	—	2	—	—	—	—	—	—	—	—	—
32	1	—	1	—	—	—	1	—	1	—	—	—
30	2	—	2	—	—	—	1	—	1	—	—	—
28	4	—	—	—	—	4	—	—	—	—	—	—
27	13	—	—	—	—	13	—	—	—	—	—	—
26	12	—	—	—	—	12	1	—	—	—	—	1
25	4	—	1	—	—	3	—	—	—	—	—	—
24	21	—	—	—	—	21	3	—	—	—	—	3
23	2	—	—	—	—	2	—	—	—	—	—	—
22	7	—	—	—	—	7	2	—	1	—	—	1
21	4	—	—	—	—	4	—	—	—	—	—	—
20	2	—	—	—	—	2	8	—	8	—	—	—
19	3	—	—	—	—	3	4,272	—	—	3,491	781	616
≤ 18	21,537	6,463	1	10,660	3,782	631	17,137	6,465	22	7,169	2,865	46,144
<b>Total trips:</b>												

**PORTS OTHER THAN PORTLAND, ASTORIA, ST. HELENS, LONGVIEW, VANCOUVER AND KALAMA**

Grand Total	Inbound						Outbound					
	1,827	—	—	1,613	214	—	1,827	—	—	1,612	215	—
<b>FOREIGN</b>												
Total	—	—	—	—	—	—	2	—	—	1	1	—
≤ 18	—	—	—	—	—	—	2	—	—	1	1	—
<b>DOMESTIC</b>												
Total	1,827	—	—	1,613	214	—	1,825	—	—	1,611	214	—
≤ 18	1,827	—	—	1,613	214	—	1,825	—	—	1,611	214	—
<b>Total trips:</b>												
												3,654

Trips and Drafts of Vessels, 2010  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels			
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker		
<b>PORT OF LONGVIEW, WA</b>														
<b>Inbound</b>														
<b>Grand Total</b>	<b>1,890</b>	<b>244</b>	<b>1</b>	<b>1,051</b>	<b>590</b>	<b>4</b>	<b>1,835</b>	<b>220</b>	<b>—</b>	<b>970</b>	<b>640</b>	<b>5</b>		
<b>FOREIGN</b>														
Total	247	244	1	1	1	—	227	220	—	3	4	—		
41	1	1	—	—	—	—	1	1	—	—	—	—		
40	6	6	—	—	—	—	8	8	—	—	—	—		
39	—	—	—	—	—	—	1	1	—	—	—	—		
38	2	2	—	—	—	—	5	5	—	—	—	—		
37	3	3	—	—	—	—	6	6	—	—	—	—		
36	1	1	—	—	—	—	12	12	—	—	—	—		
35	1	1	—	—	—	—	11	11	—	—	—	—		
34	4	4	—	—	—	—	44	44	—	—	—	—		
33	4	4	—	—	—	—	29	29	—	—	—	—		
32	7	7	—	—	—	—	9	9	—	—	—	—		
31	4	4	—	—	—	—	24	24	—	—	—	—		
30	5	5	—	—	—	—	14	14	—	—	—	—		
29	9	9	—	—	—	—	6	6	—	—	—	—		
28	9	8	1	—	—	—	11	11	—	—	—	—		
27	4	4	—	—	—	—	3	3	—	—	—	—		
26	10	10	—	—	—	—	8	8	—	—	—	—		
25	4	4	—	—	—	—	6	6	—	—	—	—		
24	7	7	—	—	—	—	7	7	—	—	—	—		
23	17	17	—	—	—	—	2	2	—	—	—	—		
22	33	33	—	—	—	—	3	3	—	—	—	—		
21	45	45	—	—	—	—	1	1	—	—	—	—		
20	30	30	—	—	—	—	5	5	—	—	—	—		
19	34	33	—	—	—	1	2	2	—	—	—	—		
18	3	3	—	—	—	—	1	1	—	—	—	—		
17	2	2	—	—	—	—	1	1	—	—	—	—		
16	1	—	—	1	—	—	2	—	—	2	—	—		
15	1	—	—	—	—	—	2	—	—	1	—	—		
≤ 12	—	—	—	—	—	—	3	—	—	3	—	—		
<b>DOMESTIC</b>														
<b>Total</b>	<b>1,643</b>	<b>—</b>	<b>—</b>	<b>1,050</b>	<b>589</b>	<b>4</b>	<b>1,608</b>	<b>—</b>	<b>—</b>	<b>967</b>	<b>636</b>	<b>5</b>		
16	5	—	—	5	—	—	14	—	—	5	9	—		
15	15	—	—	15	—	—	20	—	—	12	8	—		
14	42	—	—	16	26	—	16	—	—	15	1	—		
13	81	—	—	55	26	—	19	—	—	19	—	—		
≤ 12	1,500	—	—	959	537	4	1,539	—	—	916	618	5		
											<b>Total trips: 3,725</b>			
<b>PORT OF KALAMA, WA</b>														
<b>Inbound</b>														
<b>Grand Total</b>	<b>920</b>	<b>144</b>	<b>8</b>	<b>616</b>	<b>150</b>	<b>2</b>	<b>1,051</b>	<b>211</b>	<b>7</b>	<b>727</b>	<b>103</b>	<b>3</b>		
<b>FOREIGN</b>														
Total	152	144	8	—	—	—	218	211	7	—	—	—		
41	—	—	—	—	—	—	75	75	—	—	—	—		
40	—	—	—	—	—	—	71	71	—	—	—	—		
39	—	—	—	—	—	—	8	8	—	—	—	—		
38	—	—	—	—	—	—	1	1	—	—	—	—		
37	2	2	—	—	—	—	4	4	—	—	—	—		
36	—	—	—	—	—	—	8	8	—	—	—	—		
35	2	2	—	—	—	—	4	4	—	—	—	—		
34	5	5	—	—	—	—	9	9	—	—	—	—		
33	10	6	4	—	—	—	7	7	—	—	—	—		
32	4	3	1	—	—	—	3	3	—	—	—	—		
31	6	4	2	—	—	—	6	4	2	—	—	—		
30	—	—	—	—	—	—	3	2	1	—	—	—		
29	—	—	—	—	—	—	2	1	1	—	—	—		
28	2	1	1	—	—	—	2	1	1	—	—	—		
27	—	—	—	—	—	—	2	2	—	—	—	—		
26	1	1	—	—	—	—	3	2	1	—	—	—		
25	4	4	—	—	—	—	1	1	—	—	—	—		
24	17	17	—	—	—	—	1	1	—	—	—	—		

Trips and Drafts of Vessels, 2010  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels			
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker		
<b>PORT OF KALAMA, WA - continued</b>														
Inbound														
<b>FOREIGN</b>														
23	48	48	—	—	—	—	3	3	—	—	—	—		
22	23	23	—	—	—	—	2	2	—	—	—	—		
21	13	13	—	—	—	—	2	1	1	—	—	—		
20	7	7	—	—	—	—	1	1	—	—	—	—		
19	6	6	—	—	—	—	—	—	—	—	—	—		
≤ 18	2	2	—	—	—	—	—	—	—	—	—	—		
<b>DOMESTIC</b>														
<b>Total</b>	<b>768</b>	—	—	<b>616</b>	<b>150</b>	<b>2</b>	<b>833</b>	—	—	<b>727</b>	<b>103</b>	<b>3</b>		
≤ 18	768	—	—	616	150	2	833	—	—	727	103	3		
<b>Total trips:</b>											<b>1,971</b>			
<b>MULTNOMAH CHANNEL, OR</b>														
Upbound														
<b>Grand Total</b>	<b>1,127</b>	—	—	<b>625</b>	<b>502</b>	—	<b>1,227</b>	—	—	<b>725</b>	<b>502</b>	—		
<b>DOMESTIC</b>														
<b>Total</b>	<b>1,127</b>	—	—	<b>625</b>	<b>502</b>	—	<b>1,227</b>	—	—	<b>725</b>	<b>502</b>	—		
11	40	—	—	10	30	—	20	—	—	20	—	—		
10	81	—	—	81	—	—	125	—	—	125	—	—		
9	134	—	—	123	11	—	146	—	—	63	83	—		
8	155	—	—	108	47	—	125	—	—	108	17	—		
7	248	—	—	215	33	—	365	—	—	291	74	—		
6	33	—	—	30	3	—	68	—	—	45	23	—		
5	208	—	—	58	150	—	75	—	—	73	2	—		
4	111	—	—	—	111	—	94	—	—	—	94	—		
3	110	—	—	—	110	—	178	—	—	—	178	—		
2	7	—	—	—	7	—	31	—	—	—	31	—		
<b>Total trips:</b>											<b>2,354</b>			
<b>OREGON SLOUGH (NORTH PORTLAND HARBOR), OR</b>														
Upbound														
<b>Grand Total</b>	<b>992</b>	<b>201</b>	—	<b>634</b>	<b>157</b>	—	<b>1,041</b>	<b>199</b>	—	<b>612</b>	<b>230</b>	—		
<b>FOREIGN</b>														
<b>Total</b>	<b>201</b>	<b>201</b>	—	—	—	—	<b>199</b>	<b>199</b>	—	—	—	—		
41	1	1	—	—	—	—	2	2	—	—	—	—		
40	6	6	—	—	—	—	27	27	—	—	—	—		
39	19	19	—	—	—	—	12	12	—	—	—	—		
38	6	6	—	—	—	—	6	6	—	—	—	—		
37	12	12	—	—	—	—	5	5	—	—	—	—		
36	7	7	—	—	—	—	2	2	—	—	—	—		
35	7	7	—	—	—	—	—	—	—	—	—	—		
34	1	1	—	—	—	—	—	—	—	—	—	—		
33	1	1	—	—	—	—	4	4	—	—	—	—		
32	54	54	—	—	—	—	—	—	—	—	—	—		
31	4	4	—	—	—	—	—	—	—	—	—	—		
30	5	5	—	—	—	—	32	32	—	—	—	—		
29	10	10	—	—	—	—	5	5	—	—	—	—		
28	17	17	—	—	—	—	26	26	—	—	—	—		
27	18	18	—	—	—	—	10	10	—	—	—	—		
26	11	11	—	—	—	—	18	18	—	—	—	—		
25	8	8	—	—	—	—	12	12	—	—	—	—		
24	7	7	—	—	—	—	18	18	—	—	—	—		
23	—	—	—	—	—	—	5	5	—	—	—	—		
22	3	3	—	—	—	—	4	4	—	—	—	—		
21	—	—	—	—	—	—	4	4	—	—	—	—		
20	—	—	—	—	—	—	4	4	—	—	—	—		
19	2	2	—	—	—	—	1	1	—	—	—	—		
17	1	1	—	—	—	—	—	—	—	—	—	—		
15	—	—	—	—	—	—	1	1	—	—	—	—		

Trips and Drafts of Vessels, 2010  
(draft in feet)

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

**OREGON SLOUGH (NORTH PORTLAND HARBOR), OR - continued**  
Upbound

Downbound

FOREIGN

13	—	1	—	1	—	—	—	—	—	1	—	—	—
12	—	—	—	—	—	—	—	—	—	—	—	—	—

DOMESTIC

<b>Total</b>	<b>791</b>	—	—	634	157	—	842	—	—	612	230	—
15	1	—	—	1	—	—	—	—	—	—	—	—
13	32	—	—	6	26	—	10	—	—	8	2	—
12	153	—	—	147	6	—	139	—	—	137	2	—
11	109	—	—	104	5	—	99	—	—	99	—	—
10	217	—	—	210	7	—	208	—	—	208	—	—
9	135	—	—	110	25	—	109	—	—	109	—	—
8	24	—	—	21	3	—	18	—	—	18	—	—
7	33	—	—	27	6	—	27	—	—	27	—	—
6	17	—	—	6	11	—	4	—	—	4	—	—
5	4	—	—	—	4	—	—	—	—	—	—	—
4	5	—	—	—	5	—	7	—	—	—	7	—
3	29	—	—	2	27	—	83	—	—	2	81	—
2	32	—	—	—	32	—	138	—	—	—	138	—

**Total trips:** 2,033

**PORT OF VANCOUVER, WA**

Inbound

<b>Grand Total</b>	<b>3,045</b>	<b>271</b>	<b>56</b>	<b>2,097</b>	<b>577</b>	<b>44</b>	<b>2,966</b>	<b>237</b>	<b>57</b>	<b>2,089</b>	<b>523</b>	<b>60</b>
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FOREIGN

<b>Total</b>	<b>341</b>	<b>271</b>	<b>52</b>	<b>8</b>	<b>9</b>	<b>1</b>	<b>301</b>	<b>237</b>	<b>54</b>	<b>4</b>	<b>5</b>	<b>1</b>
41	—	—	—	—	—	—	2	2	—	—	—	—
40	3	3	—	—	—	—	38	38	—	—	—	—
39	3	3	—	—	—	—	13	13	—	—	—	—
38	3	2	1	—	—	—	2	2	—	—	—	—
37	8	2	6	—	—	—	6	5	1	—	—	—
36	4	1	3	—	—	—	10	10	—	—	—	—
35	2	—	2	—	—	—	12	12	—	—	—	—
34	4	4	—	—	—	—	12	12	—	—	—	—
33	17	8	9	—	—	—	26	23	3	—	—	—
32	6	6	—	—	—	—	21	21	—	—	—	—
31	14	9	5	—	—	—	16	14	2	—	—	—
30	16	11	5	—	—	—	12	6	6	—	—	—
29	16	10	6	—	—	—	28	16	12	—	—	—
28	18	9	9	—	—	—	17	11	6	—	—	—
27	8	6	2	—	—	—	15	10	5	—	—	—
26	10	7	3	—	—	—	16	9	7	—	—	—
25	13	11	1	—	—	1	8	6	2	—	—	—
24	17	17	—	—	—	—	12	10	2	—	—	—
23	26	26	—	—	—	—	7	4	3	—	—	—
22	33	33	—	—	—	—	1	1	—	—	—	—
21	48	48	—	—	—	—	7	4	3	—	—	—
20	30	28	—	—	2	—	—	—	—	—	—	—
19	20	15	—	—	5	—	3	1	2	—	—	—
≤ 18	22	12	—	8	2	—	17	7	4	5	1	—

DOMESTIC

<b>Total</b>	<b>2,704</b>	—	<b>4</b>	<b>2,089</b>	<b>568</b>	<b>43</b>	<b>2,665</b>	—	<b>3</b>	<b>2,085</b>	<b>518</b>	<b>59</b>
37	1	—	1	—	—	—	—	—	—	—	—	—
35	1	—	1	—	—	—	—	—	—	—	—	—
34	1	—	1	—	—	—	—	—	—	—	—	—
33	1	—	1	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	1	—	—	1	—	—	—
26	1	—	—	—	—	1	—	—	1	—	—	—
22	—	—	—	—	—	—	1	—	1	—	518	59
≤ 18	2,699	—	—	2,089	568	42	2,663	—	1	2,085	518	59

**Total trips:** 6,011

Trips and Drafts of Vessels, 2010  
(draft in feet)

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

**COLUMBIA RIVER BETWEEN VANCOUVER, WA AND THE DALLES, OR**  
Upbound

Grand Total	4,093	—	—	1,388	2,265	440	4,096	—	—	1,388	2,259	449
<b>DOMESTIC</b>												
Total	4,093	—	—	1,388	2,265	440	4,096	—	—	1,388	2,259	449
17	—	—	—	—	—	—	1	—	—	—	1	—
16	182	—	—	—	182	—	177	—	—	—	177	—
15	5	—	—	—	5	—	24	—	—	—	24	—
14	112	—	—	—	35	77	408	—	—	22	368	18
13	183	—	—	2	73	108	634	—	—	1	631	2
12	120	—	—	44	54	22	86	—	—	76	10	—
11	215	—	—	93	93	29	172	—	—	93	79	—
10	435	—	—	403	18	14	594	—	—	394	200	—
9	145	—	—	101	34	10	188	—	—	97	90	1
8	418	—	—	290	94	34	420	—	—	290	127	3
7	265	—	—	172	21	72	218	—	—	172	24	22
≤ 6	2,013	—	—	283	1,656	74	1,174	—	—	243	528	403
<b>Total trips:</b>											<b>8,189</b>	

**COLUMBIA RIVER ABOVE THE DALLES DAM, WA AND OR TO MCNARY LOCK AND DAM, OR AND WA**  
Upbound

Grand Total	3,056	—	—	835	1,744	477	3,033	—	—	835	1,742	456
<b>DOMESTIC</b>												
Total	3,056	—	—	835	1,744	477	3,033	—	—	835	1,742	456
17	—	—	—	—	—	—	1	—	—	—	1	—
16	—	—	—	—	—	—	176	—	—	—	176	—
15	233	—	—	—	202	31	24	—	—	—	24	—
14	86	—	—	—	8	78	168	—	—	—	148	20
13	183	—	—	1	69	113	619	—	—	1	610	8
12	102	—	—	32	48	22	209	—	—	35	174	—
11	118	—	—	84	5	29	133	—	—	85	48	—
10	364	—	—	335	15	14	482	—	—	328	154	—
9	82	—	—	60	12	10	129	—	—	60	68	1
8	294	—	—	245	15	34	310	—	—	251	59	—
7	153	—	—	69	12	72	115	—	—	70	22	23
6	12	—	—	5	1	6	26	—	—	4	20	2
5	60	—	—	1	5	54	10	—	—	1	6	3
4	64	—	—	3	50	11	215	—	—	—	9	206
3	617	—	—	—	614	3	216	—	—	—	106	110
2	688	—	—	—	688	—	200	—	—	—	117	83
<b>Total trips:</b>											<b>6,089</b>	

**PORT OF PORTLAND, OR**

Grand Total	Inbound						Outbound					
	10,129	565	50	7,125	1,800	589	10,271	659	45	7,131	1,856	580
<b>FOREIGN</b>												
Total	642	565	15	12	41	9	736	659	14	14	45	4
41	1	1	—	—	—	—	21	21	—	—	—	—
40	7	7	—	—	—	—	80	80	—	—	—	—
39	19	19	—	—	—	—	47	47	—	—	—	—
38	7	7	—	—	—	—	23	23	—	—	—	—
37	15	12	3	—	—	—	20	20	—	—	—	—
36	9	9	—	—	—	—	33	33	—	—	—	—
35	18	16	2	—	—	—	33	33	—	—	—	—
34	11	8	3	—	—	—	46	46	—	—	—	—
33	11	10	1	—	—	—	49	47	—	1	—	1
32	60	60	—	—	—	—	29	29	—	—	—	—
31	19	17	2	—	—	—	22	21	1	—	—	—
30	23	22	1	—	—	—	51	50	1	—	—	—
29	19	18	1	—	—	—	18	17	1	—	—	—
28	26	26	—	—	—	—	48	47	1	—	—	—

Trips and Drafts of Vessels, 2010  
(draft in feet)

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

**PORT OF PORTLAND, OR - continued**

	Inbound							Outbound																
<b>FOREIGN</b>																								
27	28	26	2	—	—	—	22	20	2	—	—	—												
26	28	28	—	—	—	—	35	31	4	—	—	—												
25	20	20	—	—	—	—	23	21	2	—	—	—												
24	27	27	—	—	—	—	27	25	2	—	—	—												
23	37	37	—	—	—	—	11	11	—	—	—	—												
22	58	58	—	—	—	—	7	6	1	—	—	—												
21	71	68	—	—	1	2	13	13	—	—	—	—												
20	70	33	—	—	37	—	10	8	—	—	2	—												
19	21	19	—	—	1	1	5	4	—	1	—	—												
≤ 18	37	17	—	12	2	6	63	6	—	11	43	3												
<b>DOMESTIC</b>																								
<b>Total</b>	<b>9,487</b>	—	<b>35</b>	<b>7,113</b>	<b>1,759</b>	<b>580</b>	<b>9,535</b>	—	<b>31</b>	<b>7,117</b>	<b>1,811</b>	<b>576</b>												
42	1	—	1	—	—	—	—	—	—	—	—	—												
40	1	—	1	—	—	—	—	—	—	—	—	—												
37	2	—	2	—	—	—	—	—	—	—	—	—												
36	5	—	5	—	—	—	1	—	1	—	—	—												
35	12	—	12	—	—	—	—	—	—	—	—	—												
34	8	—	8	—	—	—	—	—	—	—	—	—												
33	1	—	1	—	—	—	—	—	—	—	—	—												
32	2	—	2	—	—	—	—	—	—	—	—	—												
30	2	—	2	—	—	—	—	—	—	—	—	—												
28	4	—	—	—	—	4	—	—	—	—	—	—												
27	13	—	—	—	—	13	—	—	—	—	—	—												
26	11	—	—	—	—	11	1	—	—	—	—	1												
25	3	—	—	—	—	3	1	—	1	—	—	—												
24	22	—	—	—	—	22	2	—	—	—	—	2												
23	2	—	—	—	—	2	—	—	—	—	—	—												
22	7	—	—	—	—	7	1	—	—	—	—	1												
21	4	—	—	—	—	4	1	—	—	—	—	1												
20	2	—	—	—	—	2	8	—	8	—	—	—												
19	3	—	—	—	—	3	—	—	—	—	—	—												
≤ 18	9,382	—	1	7,113	1,759	509	9,520	—	21	7,117	1,811	571												
<b>Total trips:</b>												<b>20,400</b>												

**WILLAMETTE RIVER ABOVE PORTLAND AND YAMHILL RIVER, OR**

Grand Total	Upbound						Downbound					
	1,260	—	—	746	514	—	1,242	—	—	734	508	—
<b>DOMESTIC</b>												
<b>Total</b>	<b>1,260</b>	—	—	<b>746</b>	<b>514</b>	—	<b>1,242</b>	—	—	<b>734</b>	<b>508</b>	—
14	10	—	—	—	10	—	—	—	—	—	—	—
13	20	—	—	—	20	—	—	—	—	—	—	—
12	38	—	—	—	38	—	—	—	—	—	—	—
10	5	—	—	—	5	—	2	—	—	—	2	—
9	47	—	—	39	8	—	33	—	—	27	6	—
8	—	—	—	—	—	—	3	—	—	—	3	—
7	288	—	—	288	—	—	324	—	—	288	36	—
6	415	—	—	415	—	—	557	—	—	415	142	—
5	3	—	—	3	—	—	89	—	—	3	86	—
4	17	—	—	—	17	—	59	—	—	—	59	—
3	26	—	—	1	25	—	127	—	—	1	126	—
2	391	—	—	—	391	—	48	—	—	—	48	—
<b>Total trips:</b>												<b>2,502</b>

**COOS BAY, OR**

Grand Total	Inbound						Outbound					
	326	42	—	261	23	—	340	41	2	264	30	3
<b>FOREIGN</b>												
<b>Total</b>	<b>46</b>	<b>41</b>	—	<b>1</b>	<b>4</b>	—	<b>43</b>	<b>40</b>	—	<b>1</b>	—	<b>2</b>

Trips and Drafts of Vessels, 2010  
(draft in feet)

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

**COOS BAY, OR - continued**

	Inbound						Outbound					
<b>FOREIGN</b>												
38	1	1	—	—	—	—	—	4	4	—	—	—
37	—	—	—	—	—	—	10	10	—	—	—	—
36	—	—	—	—	—	—	7	7	—	—	—	—
35	—	—	—	—	—	—	5	5	—	—	—	—
34	—	—	—	—	—	—	6	6	—	—	—	—
33	—	—	—	—	—	—	3	3	—	—	—	—
32	—	—	—	—	—	—	2	2	—	—	—	—
31	—	—	—	—	—	—	—	—	—	—	—	—
30	3	3	—	—	—	—	—	—	—	—	—	—
29	3	3	—	—	—	—	1	1	—	—	—	—
28	5	5	—	—	—	—	1	1	—	—	—	—
27	4	4	—	—	—	—	—	—	—	—	—	—
26	4	4	—	—	—	—	—	—	—	—	—	—
25	7	7	—	—	—	—	—	—	—	—	—	—
24	3	3	—	—	—	—	1	1	—	—	—	—
23	7	7	—	—	—	—	—	—	—	—	—	—
22	2	2	—	—	—	—	—	—	—	—	—	—
21	1	1	—	—	—	—	—	—	—	—	—	—
20	1	1	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	1	—	—	—	1	—
≤ 12	5	—	—	—	1	4	2	—	—	—	—	2

**DOMESTIC**

<b>Total</b>	<b>280</b>	<b>1</b>	<b>—</b>	<b>260</b>	<b>19</b>	<b>—</b>	<b>297</b>	<b>1</b>	<b>2</b>	<b>263</b>	<b>30</b>	<b>1</b>
16	8	—	—	8	—	—	9	—	2	7	—	—
15	8	—	—	8	—	—	11	—	—	11	—	—
14	18	—	—	18	—	—	16	—	—	15	1	—
13	18	—	—	18	—	—	34	—	—	23	11	—
≤ 12	228	1	—	208	19	—	227	1	—	207	18	1
<b>Total trips:</b>												<b>666</b>

**COLUMBIA RIVER SYSTEM**

Grand Total	Upbound						Downbound					
	29,526	14,263	115	11,693	2,603	852	16,709	1,343	109	11,694	2,695	868

**FOREIGN**

<b>Total</b>	<b>1,536</b>	<b>1,338</b>	<b>76</b>	<b>60</b>	<b>52</b>	<b>10</b>	<b>1,536</b>	<b>1,340</b>	<b>75</b>	<b>60</b>	<b>56</b>	<b>5</b>
41	2	2	—	—	—	—	99	99	—	—	—	—
40	16	16	—	—	—	—	197	197	—	—	—	—
39	22	22	—	—	—	—	69	69	—	—	—	—
38	12	11	1	—	—	—	31	31	—	—	—	—
37	28	19	9	—	—	—	36	35	1	—	—	—
36	14	11	3	—	—	—	63	63	—	—	—	—
35	23	19	4	—	—	—	60	60	—	—	—	—
34	25	22	3	—	—	—	112	112	—	—	—	—
33	42	28	14	—	—	—	111	106	3	1	—	1
32	77	76	1	—	—	—	62	62	—	—	—	—
31	43	34	9	—	—	—	68	63	5	—	—	—
30	44	38	6	—	—	—	80	72	8	—	—	—
29	45	38	7	—	—	—	54	40	14	—	—	—
28	55	44	11	—	—	—	78	70	8	—	—	—
27	43	39	4	—	—	—	45	38	7	—	—	—
26	49	46	3	—	—	—	62	50	12	—	—	—
25	44	42	1	—	—	—	1	39	35	4	—	—
24	79	79	—	—	—	—	50	46	4	—	—	—
23	164	164	—	—	—	—	24	21	3	—	—	—
22	170	170	—	—	—	—	16	15	—	1	—	—
21	200	192	—	5	1	2	28	19	4	5	—	—
20	149	110	—	—	39	—	16	14	—	—	2	—
19	87	78	—	1	7	1	11	7	2	2	—	—
18	22	21	—	1	—	—	6	5	—	1	—	—
17	28	8	—	19	—	3	21	3	—	17	—	1
16	27	2	—	22	—	3	27	1	—	25	—	1
15	8	3	—	3	1	1	9	3	—	4	2	—
14	9	—	—	7	2	—	4	—	—	4	—	—
13	2	1	—	—	1	—	1	1	—	—	—	—

Trips and Drafts of Vessels, 2010  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
<b>COLUMBIA RIVER SYSTEM - continued</b>												
Upbound												
FOREIGN												
12	5	2	—	2	—	1	2	2	—	—	—	—
11	—	—	—	—	—	—	1	1	—	—	—	—
10	1	—	—	—	1	—	—	—	—	—	—	—
7	1	1	—	—	—	—	2	—	—	—	—	2
6	—	—	—	—	—	—	1	—	—	—	1	—
5	—	—	—	—	—	—	3	—	—	—	3	—
4	—	—	—	—	—	—	47	—	—	—	47	—
3	—	—	—	—	—	—	1	—	—	—	1	—
DOMESTIC												
Total	27,990	12,925	39	11,633	2,551	842	15,173	3	34	11,634	2,639	863
42	1	—	1	—	—	—	—	—	—	—	—	—
40	1	—	1	—	—	—	—	—	—	—	—	—
37	3	—	3	—	—	—	—	—	—	—	—	—
36	5	—	5	—	—	—	1	—	1	—	—	—
35	13	—	13	—	—	—	—	—	—	—	—	—
34	9	—	9	—	—	—	—	—	—	—	—	—
33	2	—	2	—	—	—	—	—	—	—	—	—
32	1	—	1	—	—	—	1	—	1	—	—	—
30	2	—	2	—	—	—	1	—	1	—	—	—
28	4	—	—	—	—	4	—	—	—	—	—	—
27	13	—	—	—	—	13	—	—	—	—	—	—
26	12	—	—	—	—	12	1	—	—	—	—	1
25	4	—	1	—	—	3	—	—	—	—	—	—
24	21	—	—	—	—	21	3	—	—	—	—	3
23	2	—	—	—	—	2	—	—	—	—	—	—
22	7	—	—	—	—	7	2	—	1	—	—	1
21	4	—	—	—	—	4	1	—	—	—	—	1
20	2	—	—	—	—	2	8	—	—	—	—	—
19	3	—	—	—	—	3	3,972	—	—	3,972	—	—
18	10	—	1	2	—	7	18	—	4	1	13	—
17	9	—	—	4	—	5	13	—	—	4	9	—
16	142	—	—	28	113	1	132	—	13	32	87	—
15	65	—	—	42	20	3	62	—	3	40	19	—
14	451	—	—	69	273	109	241	—	—	68	156	17
13	247	—	—	124	—	123	380	—	—	108	245	27
12	1,486	—	—	1,238	218	30	767	—	2	656	108	1
11	1,932	—	—	1,654	249	29	1,182	—	—	654	108	420
10	2,096	—	—	1,991	88	17	2,791	1	—	2,647	140	3
9	1,742	—	—	1,567	162	13	698	—	—	656	42	—
8	1,092	—	—	1,050	—	42	820	—	—	702	107	11
7	2,516	—	—	2,416	—	100	1,297	—	—	1,231	56	10
6	1,207	—	—	1,187	9	11	880	—	—	723	155	2
5	328	—	—	226	43	59	215	—	—	118	88	9
4	1,320	—	—	7	1,304	9	398	—	—	7	323	68
3	13,085	12,925	—	27	—	133	515	2	—	15	451	47
2	153	—	—	1	72	80	420	—	—	—	390	30
1	—	—	—	—	—	—	354	—	—	—	142	212
										Total trips:	46,235	

**ALSEA BAY AND RIVER, OR**  
No Vessel Trips Reported

**CHETCO RIVER, OR**  
No Vessel Trips Reported

Grand Total	Upbound				Downbound				Total trips:	145	290
	145	—	—	—	145	—	—	—			
CHINOOK CHANNEL, WA (4 feet and less)											

Trips and Drafts of Vessels, 2010  
(draft in feet)

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

**CLATSASKANIE RIVER, OR**  
No Vessel Trips Reported

**COLUMBIA RIVER AT BAKERS BAY, WA**  
(4 feet and less)

	Upbound						Downbound					
Grand Total	92	—	—	—	92	—	237	—	—	—	237	329

**COLUMBIA SLOUGH, OR**  
No Vessel Trips Reported

**COOS AND MILLICOMA RIVERS, OR**  
No Vessel Trips Reported

**COQUILLE RIVER, OR**  
No Vessel Trips Reported

**COWLITZ RIVER, WA**  
No Vessel Trips Reported

**DEEP RIVER, WA**  
No Vessel Trips Reported

**DEPOE BAY, OR**  
No Vessel Trips Reported

**ELOKOMIN SLOUGH, WA**  
No Vessel Trips Reported

**GRAYS RIVER, WA**  
No Vessel Trips Reported

**LAKE RIVER, WA**  
No Vessel Trips Reported

**LEWIS RIVER, WA**  
No Vessel Trips Reported

	Inbound						Outbound					
Grand Total	399	115	—	271	13	—	300	16	—	270	14	—
Total trips:												699

**PORT OF ST. HELENS, OR**  
(12 feet and less)

	Inbound						Outbound					
Grand Total	—	—	—	—	—	—	1	—	—	—	1	—
Total trips:												1

**PORT ORFORD, OR**  
No Vessel Trips Reported

**ROGUE RIVER, OR**  
No Vessel Trips Reported

Trips and Drafts of Vessels, 2010  
(draft in feet)

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

**SIUSLAW RIVER, OR**  
No Vessel Trips Reported

**SKAMOKAWA (STEAMBOAT) SLOUGH, WA**  
(4 feet and less)

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

**SKAMOKAWA CREEK, WA**  
(4 feet and less)

	Upbound						Downbound					
Grand Total	—	—	—	—	—	—	1	—	—	—	—	Total trips: 1

**SKIPANON CHANNEL, OR**  
(10 feet and less)

	Upbound						Downbound					
Grand Total	107	—	—	103	4	—	106	—	—	—	—	Total trips: 3

**SMITH RIVER, OR**  
No Vessel Trips Reported

**TILLAMOOK BAY AND BAR, OR**  
No Vessel Trips Reported

**UMPQUA RIVER, OR**  
No Vessel Trips Reported

	Upbound						Downbound					
Grand Total	6,462	6,462	—	—	—	—	6,462	6,462	—	—	—	Total trips: —

**YACQUINA BAY AND HARBOR, OR**  
No Vessel Trips Reported

**YACQUINA RIVER, OR**  
No Vessel Trips Reported

	Upbound						Downbound					
Grand Total	12	—	—	12	—	—	9	—	—	—	—	Total trips: 9

Trips and Drafts of Vessels, 2010  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
<b>GRAYS HARBOR AND CHEHALIS RIVER, WA</b>												
Inbound												
<b>Grand Total</b>	<b>189</b>	<b>67</b>	<b>1</b>	<b>63</b>	<b>58</b>	<b>—</b>	<b>209</b>	<b>65</b>	<b>2</b>	<b>74</b>	<b>68</b>	<b>—</b>
FOREIGN												
Total	74	67	1	3	3	—	79	65	2	6	6	—
39	—	—	—	—	—	—	1	1	—	—	—	—
38	—	—	—	—	—	—	5	5	—	—	—	—
37	—	—	—	—	—	—	3	3	—	—	—	—
36	—	—	—	—	—	—	2	2	—	—	—	—
35	—	—	—	—	—	—	1	1	—	—	—	—
34	—	—	—	—	—	—	5	5	—	—	—	—
33	—	—	—	—	—	—	9	9	—	—	—	—
32	—	—	—	—	—	—	13	13	—	—	—	—
31	—	—	—	—	—	—	3	3	—	—	—	—
30	—	—	—	—	—	—	4	4	—	—	—	—
29	4	4	—	—	—	—	1	1	—	—	—	—
28	3	2	1	—	—	—	5	5	—	—	—	—
27	2	2	—	—	—	—	1	1	—	—	—	—
26	4	4	—	—	—	—	5	5	—	—	—	—
25	5	5	—	—	—	—	2	2	—	—	—	—
24	5	5	—	—	—	—	4	3	1	—	—	—
23	5	5	—	—	—	—	1	1	—	—	—	—
22	7	7	—	—	—	—	—	—	—	—	—	—
21	13	13	—	—	—	—	2	1	1	—	—	—
20	6	6	—	—	—	—	—	—	—	—	—	—
19	10	10	—	—	—	—	—	—	—	—	—	—
18	3	3	—	—	—	—	—	—	—	—	—	—
17	1	1	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	6	—	—	6	—	—
≤ 12	6	—	—	3	3	—	6	—	—	6	—	—
DOMESTIC												
<b>Total</b>	<b>115</b>	<b>—</b>	<b>—</b>	<b>60</b>	<b>55</b>	<b>—</b>	<b>130</b>	<b>—</b>	<b>—</b>	<b>68</b>	<b>62</b>	<b>—</b>
17	2	—	—	2	—	—	2	—	—	2	—	—
16	1	—	—	1	—	—	1	—	—	1	—	—
15	7	—	—	7	—	—	6	—	—	6	—	—
14	13	—	—	12	1	—	12	—	—	11	1	—
13	15	—	—	15	—	—	23	—	—	22	1	—
≤ 12	77	—	—	23	54	—	86	—	—	26	60	—
										<b>Total trips:</b>	<b>398</b>	

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
<b>PORT ANGELES HARBOR, WA</b>												
Inbound												
<b>Grand Total</b>	<b>591</b>	<b>16</b>	<b>53</b>	<b>446</b>	<b>18</b>	<b>58</b>	<b>609</b>	<b>25</b>	<b>50</b>	<b>446</b>	<b>23</b>	<b>65</b>
FOREIGN												
Total	68	16	1	29	18	4	99	25	1	37	21	15
47	1	1	—	—	—	—	3	3	—	—	—	—
41	—	—	—	—	—	—	4	4	—	—	—	—
40	1	1	—	—	—	—	2	2	—	—	—	—
39	—	—	—	—	—	—	2	—	—	—	—	—
38	1	1	—	—	—	—	2	—	—	—	—	—
36	—	—	—	—	—	—	2	2	—	—	—	—
34	1	—	1	—	—	—	—	—	—	—	—	—
33	1	1	—	—	—	—	2	2	—	—	—	—
32	1	1	—	—	—	—	2	2	—	—	—	—
30	—	—	—	—	—	—	1	1	—	—	—	—
27	—	—	—	—	—	—	1	1	—	—	—	—
25	1	1	—	—	—	—	—	—	—	—	—	—
24	2	2	—	—	—	—	2	2	—	—	—	—
23	1	1	—	—	—	—	1	1	—	—	—	—
22	—	—	—	—	—	—	1	—	—	—	—	—
21	—	—	—	—	—	—	1	—	—	1	—	—
19	1	—	—	—	—	—	1	—	—	—	—	—
18	57	6	—	29	18	4	77	4	1	36	21	15

Trips and Drafts of Vessels, 2010  
(draft in feet)

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

**PORT ANGELES HARBOR, WA - continued**  
Inbound

Outbound

**DOMESTIC**

<b>Total</b>	<b>523</b>	—	<b>52</b>	<b>417</b>	—	<b>54</b>	<b>510</b>	—	<b>49</b>	<b>409</b>	<b>2</b>	<b>50</b>
53	15	—	15	—	—	—	15	—	15	—	—	—
41	1	—	1	—	—	—	—	—	1	—	—	—
39	1	—	1	—	—	—	1	—	1	—	—	—
36	2	—	2	—	—	—	—	—	—	—	—	—
33	1	—	1	—	—	—	1	—	1	—	—	—
31	—	—	—	—	—	—	10	—	10	—	—	—
30	1	—	1	—	—	—	—	—	—	—	—	—
28	2	—	2	—	—	—	2	—	2	—	—	—
26	—	—	—	—	—	—	3	—	3	—	—	—
22	—	—	—	—	—	—	1	—	1	—	—	—
19	243	—	—	243	—	—	240	—	—	240	—	—
≤ 18	257	—	29	174	—	54	236	—	15	169	2	50
											<b>Total trips:</b>	<b>1,200</b>

**HAMMERSLEY INLET, WA**

Upbound

Downbound

<b>Grand Total</b>	<b>227</b>	—	—	<b>129</b>	<b>91</b>	<b>7</b>	<b>217</b>	—	—	<b>127</b>	<b>83</b>	<b>7</b>
<b>DOMESTIC</b>												
<b>Total</b>	<b>227</b>	—	—	<b>129</b>	<b>91</b>	<b>7</b>	<b>217</b>	—	—	<b>127</b>	<b>83</b>	<b>7</b>
13	5	—	—	—	1	4	—	—	—	127	83	7
10	112	—	—	104	8	—	138	—	—	101	37	—
9	3	—	—	2	1	—	33	—	—	2	31	—
8	23	—	—	23	—	—	24	—	—	24	—	—
≤ 6	84	—	—	—	81	3	3	—	—	—	3	—
										<b>Total trips:</b>		<b>444</b>

**OLYMPIA HARBOR, WA**

Inbound

Outbound

<b>Grand Total</b>	<b>140</b>	<b>22</b>	—	<b>106</b>	<b>11</b>	<b>1</b>	<b>128</b>	<b>22</b>	—	<b>101</b>	<b>4</b>	<b>1</b>

**FOREIGN**

<b>Total</b>	<b>42</b>	<b>22</b>	—	<b>10</b>	<b>10</b>	—	<b>28</b>	<b>22</b>	—	<b>3</b>	<b>3</b>	—
37	—	—	—	—	—	—	1	1	—	—	—	—
35	—	—	—	—	—	—	1	1	—	—	—	—
34	—	—	—	—	—	—	4	4	—	—	—	—
33	—	—	—	—	—	—	7	7	—	—	—	—
32	—	—	—	—	—	—	4	4	—	—	—	—
26	1	1	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	2	2	—	—	—	—
24	—	—	—	—	—	—	1	1	—	—	—	—
23	1	—	—	—	1	—	—	—	—	—	—	—
22	3	3	—	—	—	—	2	2	—	—	—	—
21	17	17	—	—	—	—	—	—	—	—	—	—
20	1	1	—	—	—	—	—	—	—	—	—	—
≤ 18	19	—	—	10	9	—	6	—	—	3	3	—

**DOMESTIC**

<b>Total</b>	<b>98</b>	—	—	<b>96</b>	<b>1</b>	<b>1</b>	<b>100</b>	—	—	<b>98</b>	<b>1</b>	<b>1</b>
≤ 18	98	—	—	96	1	1	100	—	—	98	1	1

**Total trips:** 268

Trips and Drafts of Vessels, 2010  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
<b>TACOMA HARBOR, WA</b>												
Inbound												
<b>Grand Total</b>	<b>6,218</b>	<b>829</b>	<b>68</b>	<b>4,162</b>	<b>679</b>	<b>480</b>	<b>6,216</b>	<b>799</b>	<b>72</b>	<b>4,184</b>	<b>666</b>	<b>495</b>
FOREIGN												
Total	1,138	595	14	260	200	69	1,120	558	16	267	198	81
45	1	1	—	—	—	—	2	2	—	—	—	—
44	3	3	—	—	—	—	6	6	—	—	—	—
43	11	11	—	—	—	—	24	24	—	—	—	—
42	34	34	—	—	—	—	45	45	—	—	—	—
41	28	28	—	—	—	—	43	43	—	—	—	—
40	14	14	—	—	—	—	43	43	—	—	—	—
39	20	20	—	—	—	—	71	71	—	—	—	—
38	11	11	—	—	—	—	13	13	—	—	—	—
37	22	22	—	—	—	—	6	6	—	—	—	—
36	9	8	1	—	—	—	19	19	—	—	—	—
35	67	66	1	—	—	—	26	26	—	—	—	—
34	11	11	—	—	—	—	22	22	—	—	—	—
33	19	18	1	—	—	—	18	17	—	—	1	—
32	56	56	—	—	—	—	10	9	1	—	—	—
31	4	4	—	—	—	—	5	4	1	—	—	—
30	14	14	—	—	—	—	53	53	—	—	—	—
29	15	14	1	—	—	—	13	13	—	—	—	—
28	30	30	—	—	—	—	19	19	—	—	—	—
27	43	43	—	—	—	—	38	37	1	—	—	—
26	32	31	1	—	—	—	36	35	1	—	—	—
25	13	13	—	—	—	—	20	20	—	—	—	—
24	43	15	—	—	—	28	20	14	2	—	—	4
23	37	32	2	—	—	3	12	10	2	—	—	—
22	63	59	1	—	—	3	7	3	4	—	—	—
21	20	17	3	—	—	—	6	2	4	—	—	—
20	8	6	2	—	—	—	—	—	—	—	—	—
19	8	8	—	—	—	—	1	—	—	—	—	1
18	8	3	1	1	—	3	2	—	—	—	1	1
17	2	—	—	1	—	1	2	—	—	2	—	9
16	22	2	—	—	20	—	10	—	—	—	1	1
15	35	—	—	23	11	1	23	—	—	22	—	1
14	75	—	—	5	61	9	89	—	—	6	71	12
13	1	—	—	—	—	1	2	—	—	—	2	—
≤ 12	359	1	—	230	108	20	414	2	—	237	124	51
DOMESTIC												
Total	5,080	234	54	3,902	479	411	5,096	241	56	3,917	468	414
36	1	—	1	—	—	—	—	—	—	—	—	—
35	1	—	1	—	—	—	—	—	—	—	—	—
33	1	—	1	—	—	—	—	—	—	—	—	—
32	1	—	1	—	—	—	—	—	—	—	—	—
31	1	—	1	—	—	—	21	—	21	—	—	—
30	1	—	1	—	—	—	—	—	—	—	—	—
27	6	—	6	—	—	—	1	—	1	—	—	—
26	7	—	2	—	—	5	13	—	—	—	—	13
25	98	97	1	—	—	—	102	101	—	—	—	1
24	6	—	—	—	—	6	15	—	—	—	—	15
23	2	—	2	—	—	—	—	—	—	—	—	—
22	2	—	1	—	—	1	—	—	—	—	—	—
21	3	—	1	—	—	2	1	—	—	—	—	1
20	1	—	—	—	—	1	—	—	—	—	—	—
19	82	—	—	78	—	4	78	—	—	78	—	—
18	50	—	—	49	—	1	49	—	2	47	—	—
17	68	59	—	—	—	9	64	60	—	—	—	4
16	79	66	—	5	—	8	77	70	—	6	—	1
15	192	—	—	177	—	15	186	—	—	175	2	9
14	362	11	14	323	—	14	355	10	10	326	—	9
13	148	—	—	59	—	89	77	—	—	68	—	9
≤ 12	3,968	1	21	3,211	479	256	4,057	—	22	3,217	466	352
Total trips:												12,434

Trips and Drafts of Vessels, 2010  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
<b>SEATTLE HARBOR, WA</b>												
<b>Grand Total</b>												
FOREIGN												
Total	1,627	987	3	338	296	3	1,707	1,066	1	337	296	7
46	2	2	—	—	—	—	3	3	—	—	—	—
45	1	1	—	—	—	—	15	15	—	—	—	—
44	2	2	—	—	—	—	2	2	—	—	—	—
43	6	6	—	—	—	—	41	41	—	—	—	—
42	18	18	—	—	—	—	30	30	—	—	—	—
41	41	41	—	—	—	—	34	34	—	—	—	—
40	27	27	—	—	—	—	22	22	—	—	—	—
39	21	21	—	—	—	—	84	84	—	—	—	—
38	39	39	—	—	—	—	57	57	—	—	—	—
37	19	19	—	—	—	—	18	18	—	—	—	—
36	16	16	—	—	—	—	22	22	—	—	—	—
35	24	23	1	—	—	—	59	59	—	—	—	—
34	14	14	—	—	—	—	4	4	—	—	—	—
33	29	29	—	—	—	—	18	18	—	—	—	—
32	362	362	—	—	—	—	47	47	—	—	—	—
31	6	6	—	—	—	—	12	11	1	—	—	—
30	10	10	—	—	—	—	300	300	—	—	—	—
29	9	9	—	—	—	—	15	15	—	—	—	—
28	44	44	—	—	—	—	51	51	—	—	—	—
27	98	98	—	—	—	—	113	113	—	—	—	—
26	22	22	—	—	—	—	24	24	—	—	—	—
25	20	19	1	—	—	—	21	21	—	—	—	—
24	26	23	1	—	—	2	17	16	—	—	1	—
23	25	25	—	—	—	—	—	—	—	—	—	—
22	132	86	—	—	46	—	22	21	—	—	1	—
21	1	1	—	—	—	—	—	—	—	—	—	—
20	1	1	—	—	—	—	2	2	—	—	—	—
19	1	—	—	—	1	—	1	1	—	—	—	—
≤ 18	611	23	—	338	249	1	673	35	—	337	294	7
DOMESTIC												
Total	4,112	216	79	2,398	801	618	4,145	238	70	2,415	827	595
42	1	—	1	—	—	—	—	—	—	—	—	—
40	1	—	1	—	—	—	—	—	—	—	—	—
37	1	1	—	—	—	—	—	—	—	—	—	—
36	3	—	3	—	—	—	2	2	—	—	—	—
35	—	—	—	—	—	—	1	1	—	—	—	—
34	—	—	—	—	—	—	2	2	—	—	—	—
33	—	—	—	—	—	—	2	2	—	—	—	—
32	—	—	—	—	—	—	7	7	—	—	—	—
31	—	—	—	—	—	—	12	12	—	—	—	—
30	3	—	3	—	—	—	18	18	—	—	—	—
29	—	—	—	—	—	—	19	19	—	—	—	—
28	3	3	—	—	—	—	5	5	—	—	—	—
27	8	6	—	—	—	2	1	1	—	—	—	—
26	14	10	2	—	—	2	4	—	3	—	—	1
25	29	24	1	—	—	4	1	—	—	—	—	1
24	12	12	—	—	—	—	—	—	—	—	—	—
23	5	—	2	—	—	3	3	—	3	—	—	—
22	4	—	4	—	7	—	3	—	3	—	—	—
21	8	1	—	—	7	—	7	—	—	—	7	—
20	36	—	—	36	—	—	39	—	—	39	—	—
19	141	5	1	126	—	9	130	—	61	130	820	593
≤ 18	3,843	154	61	2,236	794	598	3,889	169	—	2,246	—	11,591
<b>LAKE WASHINGTON SHIP CANAL, WA</b>												
<b>Upbound</b>												
Grand Total	492	46	—	236	208	2	506	59	—	235	208	4
FOREIGN												
Total	33	2	—	31	—	—	37	6	—	29	1	1

Trips and Drafts of Vessels, 2010  
(draft in feet)

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

**LAKE WASHINGTON SHIP CANAL, WA - continued**  
Upbound

Downbound

**FOREIGN**

34	—	—	—	—	—	—	1	1	—	—	—	—
33	—	—	—	—	—	—	1	1	—	—	—	—
≤ 22	33	2	—	31	—	—	35	4	—	29	1	1

**DOMESTIC**

Total	459	44	—	205	208	2	469	53	—	206	207	3
≤ 22	459	44	—	205	208	2	469	53	—	206	207	3
<b>Total trips:</b> 998												

**EVERETT HARBOR AND SNOHOMISH RIVER, WA**  
Inbound

Outbound

<b>Grand Total</b>	<b>1,338</b>	<b>604</b>	<b>—</b>	<b>496</b>	<b>235</b>	<b>3</b>	<b>1,328</b>	<b>569</b>	<b>—</b>	<b>510</b>	<b>247</b>	<b>2</b>
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**FOREIGN**

Total	346	80	—	133	133	—	316	45	—	138	133	—
39	—	—	—	—	—	—	1	1	—	—	—	—
35	3	3	—	—	—	—	1	1	—	—	—	—
34	4	4	—	—	—	—	—	—	—	—	—	—
33	4	4	—	—	—	—	—	—	—	—	—	—
32	26	26	—	—	—	—	1	1	—	—	—	—
31	9	9	—	—	—	—	2	2	—	—	—	—
30	5	5	—	—	—	—	16	16	—	—	—	—
29	11	11	—	—	—	—	4	4	—	—	—	—
28	2	2	—	—	—	—	2	2	—	—	—	—
27	3	3	—	—	—	—	—	—	—	—	—	—
26	1	1	—	—	—	—	5	5	—	—	—	—
25	1	1	—	—	—	—	1	1	—	—	—	—
24	2	2	—	—	—	—	1	1	—	—	—	—
23	2	2	—	—	—	—	2	2	—	—	—	—
22	—	—	—	—	—	—	3	3	—	—	—	—
21	—	—	—	—	—	—	1	1	—	—	—	—
19	3	3	—	—	—	—	3	3	—	—	—	—
≤ 18	270	4	—	133	133	—	273	2	—	138	133	—

**DOMESTIC**

Total	992	524	—	363	102	3	1,012	524	—	372	114	2
19	—	—	—	15	—	—	15	—	—	15	—	—
≤ 18	977	524	—	348	102	3	997	524	—	357	114	2
<b>Total trips:</b> 2,666												

**ANACORTES HARBOR, WA**

<b>Grand Total</b>	<b>1,470</b>	<b>327</b>	<b>159</b>	<b>789</b>	<b>14</b>	<b>181</b>	<b>1,544</b>	<b>370</b>	<b>158</b>	<b>767</b>	<b>26</b>	<b>223</b>
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**FOREIGN**

Total	215	14	39	90	12	60	211	10	40	82	26	53
48	1	—	1	—	—	—	1	—	1	—	—	—
42	—	—	—	—	—	—	2	—	2	—	—	—
41	—	—	—	—	—	—	2	—	2	—	—	—
40	2	—	2	—	—	—	5	—	5	—	—	—
39	—	—	—	—	—	—	1	—	1	—	—	—
38	—	—	—	—	—	—	1	—	1	—	—	—
37	4	—	4	—	—	—	1	—	1	—	—	—
36	1	—	1	—	—	—	6	2	4	—	—	—
35	1	—	1	—	—	—	1	—	1	—	—	—
34	1	—	1	—	—	—	2	—	2	—	—	—
32	1	—	1	—	—	—	2	—	2	—	—	—
31	5	3	2	—	—	—	6	2	4	—	—	—
30	—	—	—	—	—	—	5	2	3	—	—	—
29	4	—	4	—	—	—	3	2	1	—	—	—

Trips and Drafts of Vessels, 2010  
(draft in feet)

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

**ANACORTES HARBOR, WA - continued**

Inbound

Outbound

**FOREIGN**

28	5	—	5	—	—	—	6	1	2	1	—	2
27	4	—	4	—	—	—	7	—	4	—	—	3
26	1	—	1	—	—	—	4	—	—	2	—	2
25	9	1	4	4	—	—	7	—	—	5	—	2
24	4	—	3	—	—	1	5	—	1	1	—	3
23	4	—	1	1	—	2	4	—	—	2	—	2
22	5	—	1	4	—	—	8	—	—	4	—	4
21	9	3	—	4	—	2	9	—	1	5	—	3
20	8	2	2	2	—	2	14	—	1	6	—	7
19	2	1	—	1	—	—	5	—	1	2	—	2
≤ 18	144	4	1	74	12	53	105	1	1	54	26	23

**DOMESTIC**

<b>Total</b>	<b>1,255</b>	<b>313</b>	<b>120</b>	<b>699</b>	<b>2</b>	<b>121</b>	<b>1,333</b>	<b>360</b>	<b>118</b>	<b>685</b>	<b>—</b>	<b>170</b>
42	1	—	1	—	—	—	—	—	—	—	—	—
41	8	—	8	—	—	—	—	—	—	—	—	—
40	17	—	17	—	—	—	3	—	3	—	—	—
39	5	—	5	—	—	—	1	—	1	—	—	—
38	3	—	3	—	—	—	—	—	—	—	—	—
36	4	—	4	—	—	—	—	—	—	—	—	—
35	3	—	3	—	—	—	1	—	1	—	—	—
34	1	—	1	—	—	—	—	—	—	—	—	—
33	2	—	2	—	—	—	—	—	—	—	—	—
32	4	—	4	—	—	—	1	—	1	—	—	—
31	4	—	4	—	—	—	17	—	17	—	—	—
30	3	—	2	—	—	1	4	—	4	—	—	—
29	2	—	2	—	—	—	1	—	1	—	—	—
28	5	—	5	—	—	—	6	—	4	—	—	2
27	10	—	10	—	—	—	7	—	5	—	—	2
26	5	—	3	—	—	2	12	—	5	—	—	7
25	7	—	5	—	—	2	2	—	2	—	—	—
24	7	—	2	—	—	5	7	—	2	—	—	5
23	7	—	7	—	—	—	7	—	7	—	—	—
22	8	—	6	—	—	2	13	—	5	—	—	8
21	4	—	—	—	—	4	38	—	—	—	—	38
20	—	—	—	—	—	—	1	—	—	—	—	1
19	486	1	—	485	2	105	482	1	—	478	—	3
≤ 18	659	312	26	214	2	105	730	359	60	207	—	104
<b>Total trips:</b>												<b>3,014</b>

**BELLINGHAM BAY AND HARBOR, WA**  
(30 feet and less)

Inbound

Outbound

<b>Grand Total</b>	<b>448</b>	<b>170</b>	<b>—</b>	<b>266</b>	<b>5</b>	<b>7</b>	<b>458</b>	<b>168</b>	<b>—</b>	<b>273</b>	<b>5</b>	<b>12</b>
										<b>Total trips:</b>		<b>906</b>

**BLAINE HARBOR, WA**  
No Vessel Trips Reported

**COLUMBIA RIVER BETWEEN WENATCHEE AND KETTLE FALLS, WA**  
(8 feet and less)

Upbound

Downbound

<b>Grand Total</b>	<b>32,860</b>	<b>32,858</b>	<b>—</b>	<b>2</b>	<b>—</b>	<b>—</b>	<b>32,860</b>	<b>32,858</b>	<b>—</b>	<b>2</b>	<b>—</b>	<b>65,720</b>
										<b>Total trips:</b>		

**FLATHEAD LAKE, MT**  
No Vessel Trips Reported

**HOQUIAM RIVER, WA**  
No Vessel Trips Reported

Trips and Drafts of Vessels, 2010  
(draft in feet)

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

**KOOTENAI RIVER, ID AND MT**  
No Vessel Trips Reported

**KOOTENAI RIVER, ID AND MT**  
No Vessel Trips Reported

**NEAH BAY, WA**  
(14 feet and less)

	Inbound						Outbound					
<b>Grand Total</b>	3	—	—	3	—	—	2	—	—	2	—	5

**PORT GAMBLE HARBOR, WA**  
(12 feet and less)

	Inbound						Outbound					
<b>Grand Total</b>	7	—	—	7	—	—	7	—	—	7	—	14

**PORT TOWNSEND HARBOR, WA**  
(22 feet and less)

	Inbound						Outbound					
<b>Grand Total</b>	172	—	—	120	42	10	156	—	—	115	33	8

**QUILLAYUTE RIVER, WA**  
No Vessel Trips Reported

**SKAGIT RIVER, WA**  
(4 feet and less)

	Upbound						Downbound					
<b>Grand Total</b>	2	1	—	1	—	—	2	1	—	1	—	4

**STILLAGUAMISH RIVER, WA**  
No Vessel Trips Reported

**SWINOMISH CHANNEL, WA**  
(12 feet and less)

	Upbound						Downbound					
<b>Grand Total</b>	79	—	—	79	—	—	62	—	—	62	—	141

**WATERWAY CONNECTING PORT TOWNSEND BAY AND OAK BAY, WA**  
(17 feet and less)

	Upbound						Downbound					
<b>Grand Total</b>	11	—	—	10	1	—	8	—	—	8	—	19

**WILLAPA RIVER AND HARBOR, AND NASELLE RIVER, WA**  
No Vessel Trips Reported

**OTHER PUGET SOUND AREA PORTS, WA**  
(54 feet and less)

	Inbound						Outbound					
<b>Grand Total</b>	51,610	48,791	312	1,631	425	451	51,618	48,731	323	1,641	429	494

Total trips: 103,228

Trips and Drafts of Vessels, 2010  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
<b>KETCHIKAN HARBOR, AK</b>												
<b>Grand Total</b>												
FOREIGN												
Total	517	444	—	32	14	27	485	436	—	24	12	13
31	1	1	—	—	—	—	1	1	—	—	—	—
30	—	—	—	—	—	—	18	18	—	—	—	—
29	18	18	—	—	—	—	65	65	—	—	—	—
28	66	66	—	—	—	—	154	154	—	—	—	—
27	152	152	—	—	—	—	40	40	—	—	—	—
26	39	39	—	—	—	—	21	21	—	—	—	—
25	22	22	—	—	—	—	65	65	—	—	—	—
24	66	66	—	—	—	—	14	14	—	—	—	—
23	14	14	—	—	—	—	19	19	—	—	—	—
22	20	20	—	—	—	—	18	18	—	—	—	—
21	17	17	—	—	—	—	8	8	—	—	—	—
18	8	8	—	—	—	—	—	—	—	—	—	—
17	1	—	—	1	—	—	—	—	—	—	—	—
16	1	1	—	—	—	—	—	—	—	—	—	—
15	7	1	—	1	—	5	8	2	—	4	—	2
14	10	—	—	2	7	1	6	—	—	1	5	—
13	2	—	—	—	2	—	2	—	—	—	2	—
≤ 12	73	19	—	28	5	21	46	11	—	19	5	11
DOMESTIC												
Total	1,251	672	16	130	393	40	1,250	672	19	122	390	47
21	7	—	—	—	7	—	6	—	—	6	—	—
18	27	—	—	27	—	—	28	—	—	28	—	—
16	44	—	—	43	1	—	40	—	—	39	1	—
15	244	—	1	36	207	—	237	—	—	30	207	—
14	76	—	6	3	64	3	65	—	1	2	62	—
13	58	—	1	—	56	1	77	—	—	—	56	21
≤ 12	795	672	8	21	58	36	797	672	18	23	58	26
										<b>Total trips:</b>	<b>3,503</b>	
<b>WRANGELL NARROWS, AK</b>												
<b>Grand Total</b>												
FOREIGN												
Total	35	29	—	3	2	1	12	8	—	2	2	—
28	4	4	—	—	—	—	1	1	—	—	—	—
27	15	15	—	—	—	—	—	—	—	—	—	—
26	5	5	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	1	1	—	—	—	—
24	2	2	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	2	2	—	—	—	—
19	1	—	—	—	1	—	1	—	—	—	1	—
18	1	—	—	—	1	—	1	—	—	—	1	—
17	1	1	—	—	—	—	1	1	—	—	—	—
16	1	—	—	1	—	—	—	—	—	—	—	—
15	3	2	—	1	—	—	4	2	—	2	—	—
≤ 12	2	—	—	1	—	1	1	1	—	—	—	—
DOMESTIC												
Total	1,137	430	7	220	421	59	1,131	427	5	191	457	51
21	9	—	—	—	9	—	6	—	—	6	—	—
20	1	—	—	—	—	1	—	—	—	—	—	—
19	1	—	—	—	—	1	—	—	—	—	—	—
18	2	—	—	—	2	—	31	—	—	28	3	—
17	—	—	—	—	—	—	2	—	—	2	—	—
16	46	—	—	44	2	—	26	—	—	23	3	—
15	489	—	—	144	344	1	414	—	—	112	302	—
14	16	—	—	4	12	—	46	—	—	4	42	—
13	9	—	—	2	2	5	2	—	—	2	—	—
≤ 12	564	430	7	26	50	51	604	427	5	20	101	51
										<b>Total trips:</b>	<b>2,315</b>	

Trips and Drafts of Vessels, 2010  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
<b>JUNEAU HARBOR, AK</b>												
Upbound												
<b>Grand Total</b>	<b>1,777</b>	<b>1,425</b>	<b>7</b>	<b>86</b>	<b>213</b>	<b>46</b>	<b>1,793</b>	<b>1,427</b>	<b>7</b>	<b>96</b>	<b>214</b>	<b>49</b>
<b>FOREIGN</b>												
Total	448	446	—	1	—	1	461	448	—	6	2	5
29	18	18	—	—	—	—	17	17	—	—	—	—
28	69	69	—	—	—	—	72	72	—	—	—	—
27	152	152	—	—	—	—	153	153	—	—	—	—
26	58	58	—	—	—	—	56	56	—	—	—	—
25	23	23	—	—	—	—	22	22	—	—	—	—
24	68	68	—	—	—	—	68	68	—	—	—	—
23	15	15	—	—	—	—	14	14	—	—	—	—
22	21	21	—	—	—	—	23	23	—	—	—	—
21	13	13	—	—	—	—	12	12	—	—	—	—
20	—	—	—	—	—	—	1	1	—	—	—	—
19	—	—	—	—	—	—	1	—	—	—	1	—
18	8	8	—	—	—	—	8	8	—	—	—	—
15	—	—	—	—	—	—	2	—	—	1	—	1
13	—	—	—	—	—	—	1	—	—	—	1	—
11	—	—	—	—	—	—	1	—	—	1	—	—
10	1	1	—	—	—	—	2	2	—	—	—	—
9	2	—	—	1	—	1	8	—	—	4	—	4
<b>DOMESTIC</b>												
<b>Total</b>	<b>1,329</b>	<b>979</b>	<b>7</b>	<b>85</b>	<b>213</b>	<b>45</b>	<b>1,332</b>	<b>979</b>	<b>7</b>	<b>90</b>	<b>212</b>	<b>44</b>
21	4	—	—	—	4	5	—	—	—	5	—	—
19	1	—	—	—	—	—	—	—	—	—	—	—
18	28	—	—	28	—	—	28	—	—	28	—	—
17	1	—	—	1	—	—	1	—	—	1	—	—
16	23	—	—	23	—	—	24	—	—	23	1	—
15	185	—	—	27	155	3	179	—	—	25	154	—
14	36	—	—	—	36	—	36	—	—	—	36	—
13	2	—	—	—	—	2	—	—	—	1	—	—
12	10	—	1	—	6	3	7	—	—	3	4	—
11	8	—	1	4	—	3	4	—	—	4	—	—
10	6	—	—	—	—	6	2	—	—	1	—	1
9	4	—	—	—	—	4	4	—	—	—	4	—
8	949	944	2	—	—	3	987	979	1	—	—	7
7	38	35	—	—	2	2	3	6	—	1	—	5
6	11	—	—	2	—	7	11	—	—	3	2	6
5	5	—	1	—	—	4	6	—	1	—	—	5
4	6	—	2	—	—	4	14	—	4	—	—	10
3	10	—	—	—	10	—	16	—	1	—	10	5
2	2	—	—	—	—	2	1	—	—	—	—	1
<b>Total trips:</b>											<b>3,570</b>	

**VALDEZ HARBOR, AK**  
No Vessel Trips Reported

Draft	Inbound						Outbound					
	Grand Total	113	77	—	32	3	1	112	75	—	33	3
<b>FOREIGN</b>												
Total	77	77	—	—	—	—	—	75	75	—	—	—
43	—	—	—	—	—	—	—	8	1	—	—	—
40	—	—	—	—	—	—	—	1	1	—	—	—
38	1	1	—	—	—	—	—	1	1	—	—	—
35	1	1	—	—	—	—	—	1	1	—	—	—
34	1	1	—	—	—	—	—	1	1	—	—	—
32	—	—	—	—	—	—	—	1	1	—	—	—
31	1	1	—	—	—	—	—	1	1	—	—	—
30	—	—	—	—	—	—	—	1	1	—	—	—
29	2	2	—	—	—	—	—	—	—	—	—	—
28	11	11	—	—	—	—	—	10	10	—	—	—
27	1	1	—	—	—	—	—	1	1	—	—	—

Trips and Drafts of Vessels, 2010  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
<b>SEWARD HARBOR, AK - continued</b>												
Inbound												
<b>FOREIGN</b>												
26	10	10	—	—	—	—	8	8	—	—	—	—
24	21	21	—	—	—	—	18	18	—	—	—	—
23	8	8	—	—	—	—	6	6	—	—	—	—
22	1	1	—	—	—	—	1	1	—	—	—	—
21	4	4	—	—	—	—	3	3	—	—	—	—
18	11	11	—	—	—	—	8	8	—	—	—	—
15	2	2	—	—	—	—	3	3	—	—	—	—
10	2	2	—	—	—	—	2	2	—	—	—	—
<b>DOMESTIC</b>												
<b>Total</b>	<b>36</b>	—	—	<b>32</b>	<b>3</b>	<b>1</b>	<b>37</b>	—	—	<b>33</b>	<b>3</b>	<b>1</b>
17	1	—	—	1	—	—	1	—	—	1	—	—
15	10	—	—	10	—	—	10	—	—	10	—	—
14	1	—	—	1	—	—	1	—	—	1	—	—
13	—	—	—	—	1	—	—	—	—	—	—	—
12	6	—	—	5	1	—	7	—	—	5	2	—
10	2	—	—	2	—	—	2	—	—	2	—	—
9	11	—	—	11	—	—	11	—	—	11	—	—
8	2	—	—	2	—	—	2	—	—	2	—	—
5	—	—	—	—	—	—	2	—	—	1	—	1
3	2	—	—	—	1	1	1	—	—	1	—	1
<b>Total trips:</b>												<b>225</b>
<b>ANCHORAGE, AK</b>												
Inbound												
<b>Grand Total</b>	<b>2,383</b>	<b>224</b>	<b>11</b>	<b>757</b>	<b>1,326</b>	<b>65</b>	<b>2,383</b>	<b>218</b>	<b>12</b>	<b>758</b>	<b>1,327</b>	<b>68</b>
<b>FOREIGN</b>												
<b>Total</b>	<b>44</b>	<b>30</b>	<b>10</b>	<b>1</b>	<b>3</b>	—	<b>41</b>	<b>28</b>	<b>11</b>	<b>1</b>	<b>1</b>	—
38	5	1	4	—	—	—	2	1	—	—	—	—
37	1	—	1	—	—	—	—	—	—	—	—	—
36	2	—	2	—	—	—	1	—	—	1	—	—
33	2	—	2	—	—	—	1	—	—	1	—	—
31	1	1	—	—	—	—	—	—	—	—	—	—
30	3	3	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	1	—	—	1	—	—
27	2	2	—	—	—	—	4	1	3	—	—	—
26	1	—	1	—	—	—	2	—	2	—	—	—
25	2	2	—	—	—	—	2	1	1	—	—	—
24	11	11	—	—	—	—	8	7	1	—	—	—
23	—	—	—	—	—	—	2	2	—	—	—	—
22	—	—	—	—	—	—	3	3	—	—	—	—
21	2	2	—	—	—	—	2	2	—	—	—	—
20	2	2	—	—	—	—	2	2	—	—	—	—
19	1	—	—	—	1	—	1	1	—	—	—	—
18	1	—	—	—	1	—	3	3	—	—	1	—
17	—	—	—	—	—	—	4	4	—	—	—	—
15	6	6	—	—	—	—	2	1	—	—	—	—
≤ 12	2	—	—	1	1	—	2	1	—	1	—	—
<b>DOMESTIC</b>												
<b>Total</b>	<b>2,339</b>	<b>194</b>	<b>1</b>	<b>756</b>	<b>1,323</b>	<b>65</b>	<b>2,342</b>	<b>190</b>	<b>1</b>	<b>757</b>	<b>1,326</b>	<b>68</b>
28	1	—	—	—	—	1	—	—	—	—	—	—
25	101	101	—	—	—	—	97	97	—	—	—	—
23	1	—	—	—	—	1	—	—	—	—	—	—
22	3	—	—	—	—	3	—	—	—	—	—	—
21	5	—	—	—	4	1	4	—	—	—	4	—
20	20	—	—	—	—	20	1	—	—	—	—	1
19	2	—	—	—	—	2	—	—	—	—	—	—
18	8	—	—	1	6	1	9	—	—	1	7	1
17	81	60	—	19	—	2	84	60	—	23	—	1
16	33	26	—	1	5	1	32	26	—	1	3	2
15	11	—	—	8	2	1	10	—	—	8	2	—
14	22	6	—	4	11	1	14	6	—	5	2	1
13	7	—	1	2	1	3	9	—	1	2	—	6

Trips and Drafts of Vessels, 2010  
(draft in feet)

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

**ANCHORAGE, AK - continued**

	Inbound						Outbound					
<b>DOMESTIC</b>												
≤ 12	2,044	1	—	721	1,294	28	2,082	1	—	717	1,308	56
												<b>Total trips: 4,766</b>

**UNALASKA ISLAND, ALASKA (INCLUDING DUTCH & ILIULIUK HARBORS)**

Grand Total	Upbound						Downbound					
	496	358	5	36	34	63	463	350	5	26	33	49

**FOREIGN**

<b>Total</b>	<b>211</b>	<b>192</b>	<b>5</b>	<b>9</b>	<b>4</b>	<b>1</b>	<b>183</b>	<b>168</b>	<b>5</b>	<b>7</b>	<b>2</b>	<b>1</b>
42	1	1	—	—	—	—	1	1	—	—	—	—
39	2	2	—	—	—	—	7	7	—	—	—	—
38	4	4	—	—	—	—	18	18	—	—	—	—
37	14	14	—	—	—	—	16	16	—	—	—	—
36	15	15	—	—	—	—	14	14	—	—	—	—
35	14	14	—	—	—	—	22	22	—	—	—	—
34	14	13	1	—	—	—	4	3	1	—	—	—
33	15	15	—	—	—	—	4	4	—	—	—	—
32	3	2	1	—	—	—	3	2	1	—	—	—
31	3	3	—	—	—	—	—	—	—	—	—	—
30	1	—	1	—	—	—	—	—	—	—	—	—
29	3	1	2	—	—	—	3	2	1	—	—	—
28	3	3	—	—	—	—	5	3	2	—	—	—
27	2	2	—	—	—	—	8	8	—	—	—	—
25	11	11	—	—	—	—	9	9	—	—	—	—
24	—	—	—	—	—	—	3	3	—	—	—	—
23	2	2	—	—	—	—	15	15	—	—	—	—
22	7	7	—	—	—	—	6	6	—	—	—	—
21	19	15	—	3	—	1	15	11	—	3	—	1
20	2	2	—	—	—	—	4	4	—	—	—	—
19	9	8	—	1	—	—	6	6	—	—	—	—
18	10	10	—	—	—	—	5	5	—	—	—	—
17	12	12	—	—	—	—	2	1	—	1	—	—
16	25	22	—	1	2	—	1	1	—	—	—	—
15	10	10	—	—	—	—	5	4	—	1	—	—
14	4	3	—	1	—	—	5	3	—	2	—	—
13	1	1	—	—	—	—	—	—	—	—	—	—
12	2	—	—	2	—	—	—	—	—	—	—	—
11	2	—	—	1	1	—	1	—	—	—	1	—
6	1	—	—	—	1	—	1	—	—	—	1	—

**DOMESTIC**

<b>Total</b>	<b>285</b>	<b>166</b>	<b>—</b>	<b>27</b>	<b>30</b>	<b>62</b>	<b>280</b>	<b>182</b>	<b>—</b>	<b>19</b>	<b>31</b>	<b>48</b>
28	1	—	—	—	—	2	—	—	—	—	—	—
22	2	—	—	—	—	2	—	—	—	2	—	—
21	2	—	—	—	—	—	2	—	—	—	—	—
20	3	—	—	—	—	3	—	—	—	—	—	—
19	4	1	—	—	—	3	3	2	—	—	—	1
18	21	5	—	—	13	3	23	8	—	—	14	1
17	47	35	—	10	—	2	39	34	—	4	—	1
16	19	15	—	—	1	3	20	18	—	—	1	1
15	17	15	—	—	1	1	17	15	—	—	—	2
14	23	18	—	2	—	3	32	27	—	2	—	3
13	21	14	—	5	1	1	18	13	—	3	1	1
12	28	14	—	3	7	4	35	17	—	4	9	5
11	18	10	—	—	8	12	11	—	—	—	—	1
10	21	12	—	5	—	4	24	11	—	4	—	9
9	13	12	—	—	—	1	16	11	—	—	—	5
8	16	14	—	—	—	2	15	15	—	—	—	—
7	6	1	—	—	—	5	3	—	—	2	1	3
6	6	—	—	2	1	3	8	—	—	—	1	5
5	1	—	—	—	—	1	3	—	—	—	3	3
4	5	—	—	—	3	2	5	—	—	—	3	2
3	6	—	—	—	—	6	5	—	—	—	—	5
2	5	—	—	—	1	4	—	—	—	—	—	—

**Total trips: 959**

Trips and Drafts of Vessels, 2010  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels			
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker		
<b>ILIULIUK HARBOR, UNALASKA</b>														
<b>Inbound</b>														
<b>Grand Total</b>	<b>257</b>	<b>162</b>	<b>4</b>	<b>16</b>	<b>30</b>	<b>45</b>	<b>243</b>	<b>142</b>	<b>4</b>	<b>17</b>	<b>31</b>	<b>49</b>		
<b>FOREIGN</b>														
Total	50	41	4	4	—	1	33	23	4	5	—	1		
34	1	—	1	—	—	—	2	1	1	—	—	—		
30	1	—	1	—	—	—	1	—	1	—	—	—		
29	3	1	2	—	—	—	2	—	2	—	—	—		
28	—	—	—	—	—	—	2	2	—	—	—	—		
27	2	2	—	—	—	—	1	—	2	—	—	—		
25	2	2	—	—	—	—	2	2	—	—	—	—		
24	—	—	—	—	—	—	1	1	—	—	—	—		
23	—	—	—	—	—	—	4	4	—	—	—	—		
22	1	1	—	—	—	—	2	2	—	—	—	—		
21	4	2	—	1	—	1	6	2	—	3	—	1		
19	2	1	—	1	—	—	3	3	—	—	—	—		
18	5	5	—	—	—	—	2	2	—	—	—	—		
17	6	6	—	—	—	—	1	—	—	1	—	—		
16	15	14	—	1	—	—	1	1	—	—	—	—		
15	4	4	—	—	—	—	1	1	—	—	—	—		
14	3	2	—	1	—	—	3	2	—	1	—	—		
13	1	1	—	—	—	—	—	—	—	—	—	—		
<b>DOMESTIC</b>														
<b>Total</b>	<b>207</b>	<b>121</b>	<b>—</b>	<b>12</b>	<b>30</b>	<b>44</b>	<b>210</b>	<b>119</b>	<b>—</b>	<b>12</b>	<b>31</b>	<b>48</b>		
22	1	—	—	—	2	1	1	—	—	—	—	1		
21	2	—	—	—	—	3	2	—	—	—	2	—		
20	3	—	—	—	—	—	—	—	—	—	—	—		
19	5	2	—	—	—	3	3	2	—	—	—	1		
18	22	4	—	—	13	5	24	9	—	—	14	1		
17	9	2	—	4	—	3	11	4	—	6	—	1		
16	9	4	—	—	1	4	7	5	—	—	1	1		
15	18	15	—	—	1	2	17	17	—	—	—	—		
14	22	19	—	2	—	1	27	21	—	2	—	4		
13	20	17	—	1	1	1	14	12	—	—	1	1		
12	28	15	—	3	7	3	31	16	—	1	9	5		
11	9	8	—	—	—	1	18	13	—	—	—	5		
10	17	14	—	1	—	2	21	10	—	1	—	10		
9	16	15	—	—	—	1	12	8	—	—	—	4		
8	6	5	—	—	—	1	2	2	—	—	—	—		
7	3	1	—	—	—	2	2	—	—	2	—	2		
6	3	—	—	1	1	1	9	—	—	—	1	6		
5	1	—	—	—	—	1	1	—	—	—	—	1		
4	5	—	—	—	3	2	6	—	—	—	3	3		
3	3	—	—	—	—	3	2	—	—	—	—	—		
2	5	—	—	—	1	4	—	—	—	—	—	—		
<b>Total trips:</b>											<b>500</b>			
<b>ATKA ISLAND, AK (23 feet and less)</b>														
<b>Inbound</b>														
<b>Grand Total</b>	<b>6</b>	<b>6</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>10</b>	<b>10</b>	<b>—</b>	<b>—</b>	<b>Total trips:</b>	<b>16</b>		
<b>BETHEL HARBOR, AK (18 feet and less)</b>														
<b>Inbound</b>														
<b>Grand Total</b>	<b>113</b>	<b>—</b>	<b>—</b>	<b>52</b>	<b>45</b>	<b>16</b>	<b>118</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>53</b>	<b>48</b>		
<b>Total trips:</b>											<b>231</b>			

Trips and Drafts of Vessels, 2010  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels			Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	
<b>CORDOVA HARBOR, AK</b> (15 feet and less)													
Inbound                          Outbound													
Grand Total	324	288	1	22	3	10	325	288	1	22	5	9	
										Total trips:		649	
<b>CRAIG HARBOR, AK</b> (15 feet and less)													
Inbound                          Outbound													
Grand Total	17	--	--	2	2	13	17	--	--	3	1	13	
										Total trips:		34	
<b>DILLINGHAM HARBOR, AK</b> (18 feet and less)													
Inbound                          Outbound													
Grand Total	44	--	--	14	14	16	37	--	--	14	9	14	
										Total trips:		81	
<b>DOUGLAS HARBOR, AK</b> (12 feet and less)													
Inbound                          Outbound													
Grand Total	1	--	--	1	--	--	1	--	--	1	--	--	
										Total trips:		2	
<b>DRY PASS, AK</b> No Vessel Trips Reported													
<b>EGEGIK RIVER, AK</b> (12 feet and less)													
Inbound                          Outbound													
Grand Total	14	--	--	6	--	8	12	--	--	6	--	6	
										Total trips:		26	
<b>ELFIN COVE HARBOR, AK</b> No Vessel Trips Reported													
<b>GASTINEAU CHANNEL, AK</b> (14 feet and less)													
Upbound                          Downbound													
Grand Total	1	--	--	1	--	1	--	--	--	1	--	2	
										Total trips:			
<b>HOMER, AK</b> (39 feet and less)													
Inbound                          Outbound													
Grand Total	301	263	6	9	1	22	300	267	5	9	2	17	
										Total trips:		601	
<b>HOONAH HARBOR, AK</b> (28 feet and less)													
Inbound                          Outbound													
Grand Total	311	248	--	24	24	15	311	248	--	24	24	15	
										Total trips:		622	

Trips and Drafts of Vessels, 2010  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
<b>HUMBOLDT HARBOR, AK</b> (20 feet and less)												
<b>Grand Total</b>	107	98	—	2	—	7	101	93	—	2	Total trips:	—
Outbound												
<b>Grand Total</b>	107	98	—	2	—	7	101	93	—	2	Total trips:	—
<b>KAKE HARBOR, AK</b> (15 feet and less)												
<b>Grand Total</b>	285	169	—	52	54	10	283	169	—	51	Total trips:	54
Outbound												
<b>Grand Total</b>	285	169	—	52	54	10	283	169	—	51	Total trips:	54
<b>KING COVE LAGOON, AK</b> (23 feet and less)												
<b>Grand Total</b>	122	102	—	6	—	14	114	98	—	5	Total trips:	—
Outbound												
<b>Grand Total</b>	122	102	—	6	—	14	114	98	—	5	Total trips:	—
<b>KODIAK HARBOR, AK</b> (31 feet and less)												
<b>Grand Total</b>	334	288	—	20	1	25	327	291	—	18	Total trips:	—
Outbound												
<b>Grand Total</b>	334	288	—	20	1	25	327	291	—	18	Total trips:	—
<b>KUSKOKWIM RIVER, AK</b> (18 feet and less)												
<b>Grand Total</b>	182	—	—	84	61	37	148	—	—	67	Total trips:	62
Upbound												
<b>Grand Total</b>	182	—	—	84	61	37	148	—	—	67	Total trips:	62
<b>METLAKATLA HARBOR, AK</b> (15 feet and less)												
<b>Grand Total</b>	477	415	—	3	49	10	473	415	—	2	Total trips:	47
Inbound												
<b>Grand Total</b>	477	415	—	3	49	10	473	415	—	2	Total trips:	47
<b>NAKNEK RIVER, AK</b> (28 feet and less)												
<b>Grand Total</b>	71	8	—	18	20	25	67	8	—	18	Total trips:	17
Upbound												
<b>Grand Total</b>	71	8	—	18	20	25	67	8	—	18	Total trips:	17
<b>NINILCHIK HARBOR, AK</b> No Vessel Trips Reported												
<b>NOME, AK</b> (25 feet and less)												
<b>Grand Total</b>	53	6	—	21	23	3	52	4	—	20	Total trips:	25
Inbound												
<b>Grand Total</b>	53	6	—	21	23	3	52	4	—	20	Total trips:	25
Outbound												
<b>Grand Total</b>	53	6	—	21	23	3	52	4	—	20	Total trips:	25
Downbound												
<b>Grand Total</b>	53	6	—	21	23	3	52	4	—	20	Total trips:	25

Trips and Drafts of Vessels, 2010  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
<b>OLD HARBOR, AK</b> (6 feet and less)												
Inbound												
<b>Grand Total</b>	2	—	—	—	—	—	2	2	—	—	—	2
											Total trips:	4
<b>PELICAN HARBOR, AK</b> (10 feet and less)												
Inbound												
<b>Grand Total</b>	24	17	—	—	—	—	7	24	17	—	—	7
											Total trips:	48
<b>PETERSBURG HARBOR, AK</b> (21 feet and less)												
Inbound												
<b>Grand Total</b>	900	417	—	173	298	12	908	418	—	177	301	12
											Total trips:	1,808
<b>PORT ALEXANDER, AK</b> No Vessel Trips Reported												
<b>SELDONIA HARBOR, AK</b> (8 feet and less)												
Inbound												
<b>Grand Total</b>	103	101	—	—	—	—	2	103	101	—	—	2
											Total trips:	206
<b>SERGIUS AND WHITESTONE NARROWS, AK</b> (16 feet and less)												
Upbound												
<b>Grand Total</b>	745	485	—	111	134	15	751	485	—	118	133	15
											Total trips:	1,496
<b>SITKA HARBOR, AK</b> (28 feet and less)												
Inbound												
<b>Grand Total</b>	703	422	—	131	135	15	708	427	—	130	136	15
											Total trips:	1,411
<b>SKAGWAY HARBOR, AK</b> (33 feet and less)												
Inbound												
<b>Grand Total</b>	717	629	1	21	53	13	712	628	1	20	53	10
											Total trips:	1,429
<b>STIKINE RIVER, AK</b> No Vessel Trips Reported												
<b>VALDEZ HARBOR (SMALL BOAT HARBOR), AK</b> (12 feet and less)												
Inbound												
<b>Grand Total</b>	35	4	—	14	—	17	39	4	—	17	—	18
											Total trips:	74

Trips and Drafts of Vessels, 2010  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
<b>WRANGELL HARBOR, AK</b> (25 feet and less)												
<b>Grand Total</b>												
					Inbound							
	482	389	11	5	60	17	480	389	11	5	61	14
											Total trips:	962
<b>CHATHAM STRAIT, AK</b> (32 feet and less)												
<b>Grand Total</b>												
					Upbound							
	1,625	1,109	1	195	278	42	1,648	1,132	—	203	269	44
											Total trips:	3,273
<b>CLARENCE STRAIT, AK</b> (28 feet and less)												
<b>Grand Total</b>												
					Upbound							
	707	245	18	84	316	44	672	222	16	84	307	43
											Total trips:	1,379
<b>FREDERICK SOUND, AK</b> (29 feet and less)												
<b>Grand Total</b>												
					Upbound							
	1,345	751	5	202	332	55	1,482	811	7	210	391	63
											Total trips:	2,827
<b>HYDABURG, AK</b> (27 feet and less)												
<b>Grand Total</b>												
					Inbound							
	20	17	—	2	1	—	22	18	—	3	1	—
											Total trips:	42
<b>ICY STRAIT, AK</b> (33 feet and less)												
<b>Grand Total</b>												
					Upbound							
	917	676	—	75	121	45	938	703	2	64	128	41
											Total trips:	1,855
<b>KIVALINA, AK</b> (28 feet and less)												
<b>Grand Total</b>												
					Inbound							
	1,351	—	—	804	537	10	1,348	1	—	803	536	8
											Total trips:	2,699
<b>LYNN CANAL, AK</b> (33 feet and less)												
<b>Grand Total</b>												
					Upbound							
	1,598	1,345	1	67	142	43	1,617	1,345	2	83	142	45
											Total trips:	3,215
<b>NIKISHKA, AK</b> (40 feet and less)												
<b>Grand Total</b>												
					Inbound							
	248	—	192	20	—	36	256	—	190	21	—	45
											Total trips:	504

Trips and Drafts of Vessels, 2010  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
<b>REVILLAGIGADO CHANNEL, AK</b> (31 feet and less)												
Upbound												
Grand Total	958	537	20	130	218	53	847	505	22	87	206	27
										Total trips:		1,805
<b>STEPHENS PASSAGE, AK</b> (29 feet and less)												
Upbound												
Grand Total	1,793	1,425	7	91	219	51	1,801	1,427	6	96	217	55
										Total trips:		3,594
<b>SUMNER STRAIT, AK</b> (28 feet and less)												
Upbound												
Grand Total	653	236	8	104	243	62	572	216	6	84	224	42
										Total trips:		1,225
<b>TONGASS NARROWS, AK</b> (31 feet and less)												
Upbound												
Grand Total	1,930	1,159	31	179	462	99	1,814	1,126	30	171	431	56
										Total trips:		3,744
<b>WHITTIER HARBOR, AK</b> (29 feet and less)												
Inbound												
Grand Total	555	393	—	76	86	—	546	382	—	73	91	—
										Total trips:		1,101

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