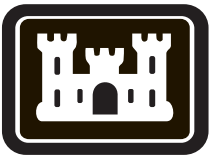

WATERBORNE COMMERCE OF THE UNITED STATES

Calendar Year 2010

Part 3—
Waterways and Harbors
Great Lakes



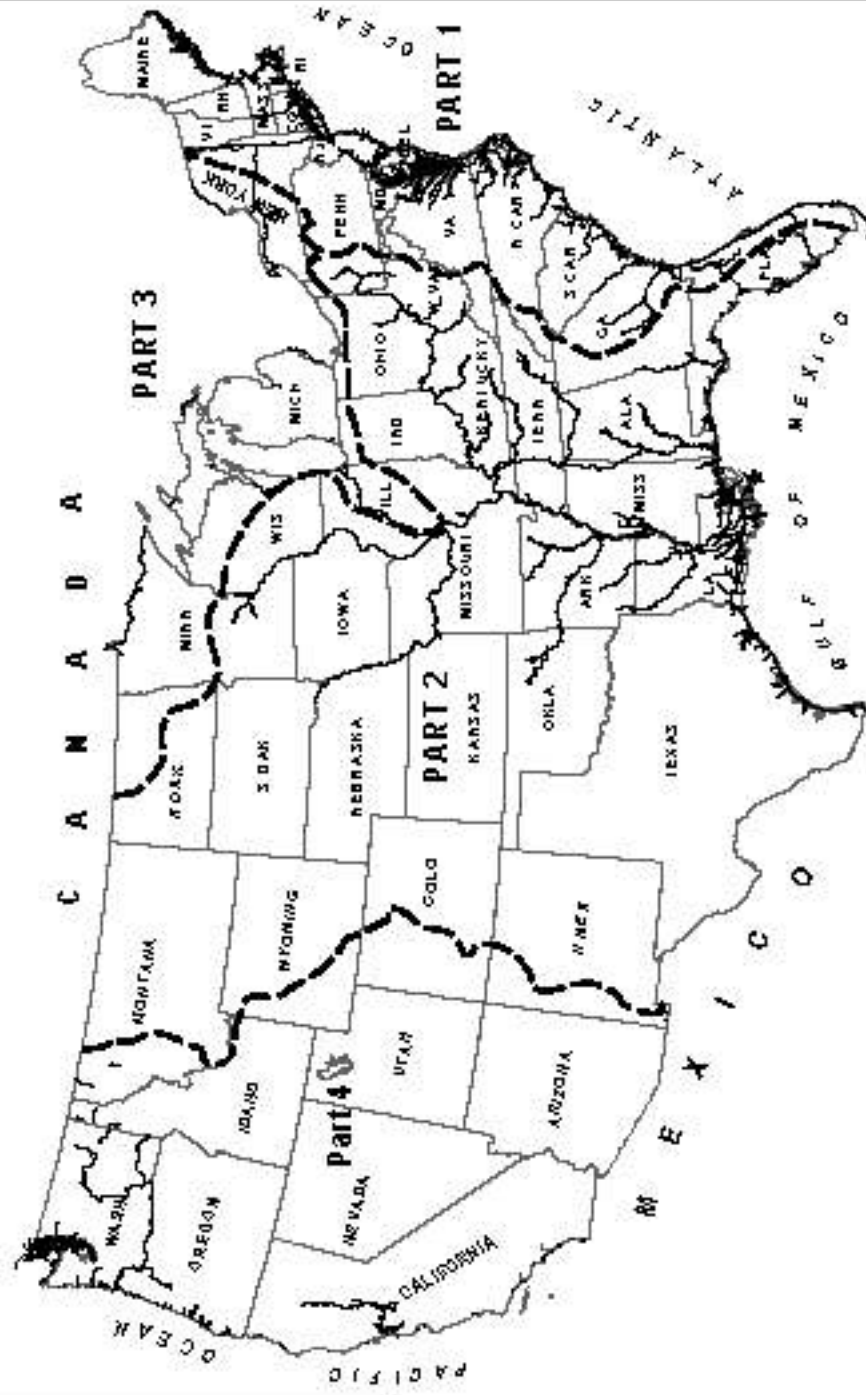
Compiled under the supervision of
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U. S. Army Corps of Engineers
Fort Belvoir, Virginia

IWR-WCUS-10-3

Geographical Areas Covered by
Waterborne Commerce of the
of the

DEPARTMENT OF THE ARMY CORPS OF ENGINEERS

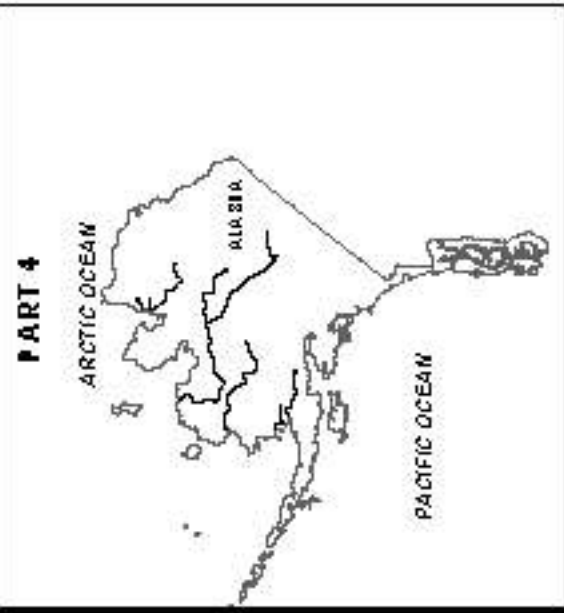
Many books have been published by
each part of the five parts.



WATERBORNE COMMERCE OF THE UNITED STATES

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

PART 5



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Introduction

General

Waterborne Commerce of the United States, **WCUS, Part 3** 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 the vessel moves to improve geographic specificity.

The Republic of Panama is considered a foreign country. However, individual vessel

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

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

Commodity Descriptions

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

Tonnage

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

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

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

Ton-Miles

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

Trips

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

the barge stopped at three fleeting areas in between, then four trips are logged.)

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

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

Special Interest

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

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

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

Terminology

Types of Traffic

Foreign

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

Imports

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

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

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

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

Exports

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

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

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

Domestic

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

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

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

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

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

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

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

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

Traffic Direction

Waterways

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

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

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

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

Ports

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

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

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

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

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

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

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

the Gulf of Mexico.

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

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

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

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

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

Ton-miles are rounded to the nearest thousand.

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

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

Commodity Classification List

Major Grouping

Minor Grouping

Pub Group Pub Name

00 Units

0200 Vehicles
0300 Passengers

10 Coal

1100 Coal & Lignite
1200 Coal Coke

20 Petroleum & Petroleum Products

21 Crude Petroleum

2100 Crude Petroleum

22-29 Petroleum Products

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

30 Chemicals and Related Products

31 Fertilizers

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

32 Other Chemicals and
Related Products

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

Major Grouping

Minor Grouping

Pub Group Pub Name

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

40 Crude Materials, Inedible Except Fuels

41 Forest Products, Wood and Chips

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

42 Pulp and Waste Paper

4225 Pulp & Waste Paper

43 Soil, Sand, Gravel, Rock and Stone

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

44 Iron Ore and Scrap

4410 Iron Ore
4420 Iron & Steel Scrap

45 Marine Shells

4515 Marine Shells

46 Non-Ferrous Ores and Scrap

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

47 Sulphur, Clay and Salt

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

48 Slag

4860 Slag

49 Other Non-Metal. Min.

4900 Non-Metal. Min. NEC

Commodity Classification List (continued)

<u>Major Grouping</u>	<u>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>
50	Primary Manufactured Goods			6822	Dairy Products		
51	Paper Products			6835	Fish, Prepared		
	5110	Newsprint		6838	Tallow, Animal Oils		
	5120	Paper & Paperboard		6839	Animals & Prod. NEC		
	5190	Paper Products NEC		6856	Bananas & Plantains		
52	Lime, Cement and Glass			6857	Fruit & Nuts NEC		
	5210	Lime		6858	Fruit Juices		
	5220	Cement & Concrete		6861	Sugar		
	5240	Glass & Glass Prod.		6865	Molasses		
	5290	Misc. Mineral Prod.		6871	Coffee		
53	Primary Iron and Steel Products			6872	Cocoa Beans		
	5312	Pig Iron		6885	Alcoholic Beverages		
	5315	Ferro Alloys		6887	Groceries		
	5320	I&S Primary Forms		6888	Water & Ice		
	5330	I&S Plates & Sheets		6889	Food Products NEC		
	5360	I&S Bars & Shapes		6891	Tobacco & Products		
	5370	I&S Pipe & Tube		6893	Cotton		
	5390	Primary I&S NEC		6894	Natural Fibers NEC		
54	Primary Non-Ferrous Metal Products			6899	Farm Products NEC		
	5421	Copper					
	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.					
60	Food and Farm Products			7110	Machinery (Not Elec)		
61	Fish			7120	Electrical Machinery		
	6134	Fish (Not Shellfish)		7210	Vehicles & Parts		
	6136	Shellfish		7220	Aircraft & Parts		
62-64	Grain			7230	Ships & Boats		
	6241	Wheat		7300	Ordnance & Access.		
	6344	Corn		7400	Manufac. Wood Prod.		
	6442	Rice		7500	Textile Products		
	6443	Barley & Rye		7600	Rubber & Plastic Pr.		
	6445	Oats		7800	Empty Containers		
	6447	Sorghum Grains		7900	Manufac. Prod. NEC		
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 Clsfd		
	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					
	6817	Meat, Prepared					

TABLE 1-TON-MILEAGE OF UNITED STATES FREIGHT CARRIED ON THE GREAT LAKES BY AREA
(thousand ton-miles)

Area	Area Totals			Foreign			Domestic			Intrajoint			
	Overseas			Canadian			Coastwise			Lakewise		Internal	
	In/Out	Through		In/Out	Through		In/Out	Through		In/Out	Through	In/Out	Through
DETROIT RIVER, MI	1,551,473	3,069	73,468	44,521	604,302	—	—	—	206,869	618,722	428	—	—
*LAKE ERIE	8,773,395	196,209	662,795	2,200,727	3,047,045	1,495	—	—	2,385,952	272,516	4,358	—	2,298
LAKE HURON	19,444,457	—	637,926	514,746	5,245,421	—	—	—	3,230,174	9,815,318	—	—	872
**LAKE MICHIGAN	16,647,039	390,402	—	2,864,652	—	—	—	—	11,621,335	1,704,481	11,153	—	55,016
***LAKE ONTARIO	5,508,379	29	1,323,931	38,036	4,138,661	—	2,091	—	—	—	—	5,631	—
LAKE SUPERIOR	22,436,604	579,819	—	3,779,426	381,729	—	—	—	17,695,581	48	0	—	—
ST. CLAIR RIVER, MI	2,147,067	—	92,428	5,261	811,095	—	—	—	130,354	1,107,810	—	—	119
***ST. LAWRENCE RIVER	1,504,675	—	377,829	26,288	1,098,355	—	597	—	—	—	—	—	1,607
ST. MARYS RIVER, MI	4,162,620	—	96,567	7,116	947,927	—	—	—	21,843	3,089,112	—	—	55
WELLAND CANAL, CANADA	504,400	—	91,892	—	411,972	—	145	—	—	—	—	—	391
NET UNITED STATES TRAFFIC ON THE GREAT LAKES	82,680,109	4,526,364	—	26,167,280	—	4,328	—	—	51,900,116	—	14,630	—	67,392

* Including Upper Niagara River

** Including the Port of Chicago (Chicago Harbor, North Branch, South Branch, Sanitary Ship Canal, Calumet-Sag Channel, Lake Calumet and Calumet Harbor and River); excludes Port of Chicago internal traffic

*** Including Lower Niagara River

**** Between International boundary line and Lake Ontario

TABLE 2-FREIGHT TONS OF UNITED STATES TRAFFIC CARRIED ON THE GREAT LAKES BY AREA
(thousand short tons)

Area	Area Totals	Overseas			Foreign			Canadian			Coastwise			Lakewise			Domestic			Inraport	
		In/Out		Through	In/Out		Through	In/Out		Through	In/Out		Through	In/Out		Through	In/Out		Through	In/Out	In/Out
DETROIT RIVER, MI	55,232	150	2,370	19,494	2,463	19,494	---	---	---	10,726	19,959	---	---	---	67	3	---	---	---	---	---
*LAKE ERIE	56,266	883	2,520	12,717	13,175	12,717	---	---	---	21,618	2,791	---	---	---	18	---	---	---	---	---	2,538
LAKE HURON	88,743	---	2,370	20,785	2,353	20,785	---	---	---	15,025	48,207	---	---	---	---	3	---	---	---	---	---
**LAKE MICHIGAN	46,248	861	---	---	6,230	---	---	---	---	27,916	5,925	---	---	---	1,403	---	---	---	---	---	3,912
***LAKE ONTARIO	19,070	0	3,403	15,188	458	15,188	---	---	---	---	---	5	---	---	---	14	---	---	---	---	---
LAKE SUPERIOR	66,351	1,509	---	2,157	11,180	2,157	---	---	---	51,441	6	---	---	---	0	0	---	---	---	---	58
ST. CLAIR RIVER, MI	60,602	---	2,370	20,797	253	20,797	---	---	---	8,774	28,405	---	---	---	---	3	---	---	---	---	---
****ST. LAWRENCE RIVER	13,402	---	3,404	9,860	118	9,860	---	---	---	---	---	5	---	---	---	14	---	---	---	---	---
ST. MARYS RIVER, MI	68,343	---	1,509	17,408	345	17,408	---	---	---	795	48,267	---	---	---	---	18	---	---	---	---	---
WELLAND CANAL, CANADA	18,611	---	3,403	15,188	---	15,188	---	---	---	---	---	5	---	---	---	14	---	---	---	---	---
NET UNITED STATES TRAFFIC ON THE GREAT LAKES	129,455	3,404	---	37,462	---	37,462	5	---	---	80,571	---	---	---	---	1,178	---	---	---	---	---	6,836

* Including Upper Niagara River
 ** Including the Port of Chicago (Chicago Harbor, North Branch, South Branch, Sanitary Ship Canal, Calumet-Sag Channel, Lake Calumet and Calumet Harbor and River); excludes Port of Chicago internal traffic
 *** Including Lower Niagara River
 **** Between International boundary line and Lake Ontario

TABLE 3 - NET SUMMARY OF FOREIGN AND DOMESTIC FREIGHT CARRIED ON THE GREAT LAKES
BY TYPE OF TRAFFIC AND COMMODITY

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	171,359	2004	178,434	2007	160,959	2010	129,455
2002	167,226	2005	169,411	2008	152,381		
2003	156,484	2006	173,013	2009	108,689		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Foreign				Domestic			
		Inbound		Outbound		Coastwise	Lakewise	Internal	Intraport
		Canadian	Overseas	Canadian	Overseas				
Total, all commodities	129,455	15,296	1,466	22,182	1,937	5	80,572	1,159	6,836
Total coal	30,955	677	—	8,395	144	—	19,145	135	2,459
1100 coal & lignite	30,300	624	—	8,106	56	—	19,013	43	2,459
1200 coal coke	655	53	—	289	88	—	132	9.3	—
Total petroleum and petroleum products	3,744	520	1	1,565	98	5	699	248	608
Subtotal crude petroleum	48	—	—	38	—	—	10	—	—
2100 crude petroleum	48	—	—	38	—	—	10	—	—
Subtotal petroleum products	3,696	520	1	1,527	98	5	688	248	608
2211 gasoline	187	78	—	88	—	—	3	5	13
2330 distillate fuel oil	590	148	—	196	—	5	7	124	110
2340 residual fuel oil	261	98	—	17	—	—	81	40	26
2350 lube oil & greases	18	—	—	0	—	—	—	17	—
2429 naphtha & solvents	22	—	—	14	—	—	—	—	8
2430 asphalt, tar & pitch	649	4	—	—	—	—	488	28	129
2540 petroleum coke	1,969	192	1	1,213	98	—	110	33	322
2640 hydrocarbon & petrol gases, liquefied and gaseous	1	—	—	0	—	—	1	0	0
Total chemicals and related products	566	219	56	203	—	—	0	29	58
Subtotal fertilizers	318	219	55	15	—	—	—	29	—
3110 nitrogenous fert.	82	—	55	15	—	—	—	12	—
3120 phosphatic fert.	2	—	—	—	—	—	—	2	—
3130 potassic fert.	227	219	—	—	—	—	—	7	—
3190 fert. & mixes nec	8	—	—	0	—	—	—	8	—
Subtotal other chemicals and related products	248	—	1	188	—	—	0	—	58
3211 acyclic hydrocarbons	8	—	—	8	—	—	0	—	—
3219 other hydrocarbons	26	—	—	0	—	—	—	—	26
3220 alcohols	40	—	0	9	—	—	—	—	31
3230 carboxylic acids	0	—	—	0	—	—	—	—	—
3240 nitrogen func. comp.	1	—	1	0	—	—	—	—	—
3250 organo - inorg. comp.	0	—	—	0	—	—	—	—	—
3260 organic comp. nec	0	—	0	0	—	—	—	—	—
3272 sulphuric acid	0	—	—	0	—	—	—	—	—
3274 sodium hydroxide	1	—	—	0	—	—	—	—	1
3275 inorg. elem., oxides, & halogen salts	29	—	0	29	—	—	—	—	—
3276 metallic salts	108	—	—	108	—	—	—	—	—
3279 inorganic chem. nec	0	—	—	0	—	—	—	—	—
3281 radioactive material	0	—	—	0	—	—	—	—	—
3282 pigments & paints	16	—	0	16	—	—	—	—	—
3283 coloring mat. nec	0	—	—	0	—	—	—	—	—
3284 medicines	0	—	—	0	—	—	—	—	—
3285 perfumes & cleansers	1	—	—	1	—	—	—	—	—
3286 plastics	1	—	0	0	—	—	—	—	—
3291 pesticides	0	—	—	0	—	—	—	—	—
3292 starches, gluten, glue	0	—	0	0	—	—	—	—	—
3293 explosives	17	—	—	17	—	—	—	—	—
3298 wood & resin chem.	0	—	—	0	—	—	—	—	—
3299 chem. products nec	1	—	—	1	—	—	—	—	—
Total crude materials, inedible except fuels	83,771	10,994	319	10,596	486	—	57,494	298	3,583
Subtotal forest products, wood and chips	81	52	—	28	—	—	1	—	—
4170 wood in the rough	1	—	—	0	—	—	0	—	—
4189 lumber	80	52	—	28	—	—	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	26,284	3,088	—	3,031	96	—	19,103	0	967
4310 building stone	0	—	—	0	—	—	—	—	—
4322 limestone	23,833	2,588	—	2,703	—	—	18,526	—	17
4323 gypsum	112	37	—	0	—	—	76	—	—
4331 sand & gravel	2,300	464	—	328	96	—	474	0	939
4335 waterway improv. mat	38	—	—	—	—	—	27	—	11
4338 soil & fill dirt	0	—	—	—	—	—	0	—	0
Subtotal iron ore and scrap	50,615	3,573	—	7,224	337	—	37,007	103	2,371
4410 iron ore	50,556	3,573	—	7,197	337	—	37,006	80	2,363
4420 iron & steel scrap	59	—	—	27	—	—	2	24	7

TABLE 3 - NET SUMMARY OF FOREIGN AND DOMESTIC FREIGHT CARRIED ON THE GREAT LAKES BY
 BY TYPE OF TRAFFIC AND COMMODITY
 Freight Traffic, 2010 - continued
 (thousand short tons)

Commodity	Grand Total	Foreign				Domestic			
		Inbound		Outbound		Coastwise	Lakewise	Internal	Intraport
		Canadian	Overseas	Canadian	Overseas				
Subtotal non-ferrous ores and scrap	168	114	25	---	---	---	29	---	
4650 aluminum ore	86	86	---	---	---	---	---	---	
4680 non-ferrous scrap	29	---	---	---	---	---	29	---	
4690 non-ferrous ores nec	54	29	25	---	---	---	---	---	
Subtotal sulphur, clay and salt	112	27	11	18	52	---	3	---	
4782 clay & refrac. mat.	112	27	11	18	52	---	3	---	
Subtotal slag	1,385	560	193	131	---	339	163	---	
4860 slag	1,385	560	193	131	---	339	163	---	
Subtotal other non-metal. min.	5,126	3,582	90	164	---	1,045	---	246	
4900 non-metal. min. nec	5,126	3,582	90	164	---	1,045	---	246	
Total primary manufactured goods	6,709	2,368	979	183	15	2,895	144	124	
Subtotal paper products	6	---	---	6	---	---	---	---	
5110 newsprint	2	---	---	2	---	---	---	---	
5120 paper & paperboard	1	---	---	1	---	---	---	---	
5190 paper products nec	3	---	---	3	---	---	---	---	
Subtotal lime, cement and glass	4,730	1,757	---	164	15	2,791	3	---	
5210 lime	30	---	---	6	---	25	---	---	
5220 cement & concrete	4,667	1,757	---	141	---	2,766	3	---	
5240 glass & glass prod.	0	---	---	0	---	---	---	---	
5290 misc. mineral prod.	33	---	---	18	15	0	---	---	
Subtotal primary iron and steel products	1,576	380	851	1	---	89	131	124	
5312 pig iron	381	132	130	---	---	89	30	---	
5315 ferro alloys	28	---	28	---	---	---	---	---	
5320 i&s primary forms	548	242	274	0	---	---	31	---	
5330 i&s plates & sheets	481	6	295	0	---	0	63	116	
5360 i&s bars & shapes	123	---	115	1	---	---	---	7	
5370 i&s pipe & tube	9	---	8	0	---	---	---	---	
5390 primary i&s nec	6	---	0	0	---	---	6	---	
Subtotal primary non-ferrous metal products	395	231	128	10	---	15	10	1	
5421 copper	0	---	0	0	---	---	---	---	
5422 aluminum	164	164	---	0	---	---	---	---	
5480 fab. metal products	231	68	127	10	---	15	10	1	
Subtotal primary wood products	1	---	---	1	---	---	---	---	
5540 primary wood prod.	1	---	---	1	---	---	---	---	
Total food and farm products	3,335	485	---	1,203	1,195	305	146	1	
Subtotal fish	0	---	---	0	---	0	---	---	
6134 fish (not shellfish)	0	---	---	0	---	0	---	---	
6136 shellfish	0	---	---	0	---	---	---	---	
Subtotal grain	2,344	481	---	623	846	305	88	1	
6241 wheat	1,597	228	---	483	772	80	34	---	
6344 corn	247	---	---	140	52	---	54	1	
6442 rice	0	---	---	0	---	---	---	---	
6443 barley & rye	107	84	---	---	22	---	---	---	
6445 oats	169	169	---	---	---	---	---	---	
6447 sorghum grains	224	---	---	---	---	224	---	---	
Subtotal oilseeds	734	---	---	517	165	---	52	---	
6522 soybeans	712	---	---	517	143	---	52	---	
6534 flaxseed	23	---	---	---	23	---	---	---	
6590 oilseeds nec	0	---	---	0	---	---	---	---	
Subtotal vegetable products	47	---	---	16	31	---	---	---	
6653 vegetable oils	45	---	---	14	31	---	---	---	
6654 vegetables & prod.	2	---	---	2	---	---	---	---	
Subtotal processed grain and animal feed	164	4	---	8	152	---	---	---	
6746 wheat flour	0	---	---	0	---	---	---	---	
6747 grain mill products	24	4	---	2	19	---	---	---	
6781 hay & fodder	4	---	---	4	---	---	---	---	
6782 animal feed, prep.	135	---	---	2	133	---	---	---	
Subtotal other agricultural products	46	---	---	39	---	0	6	---	
6811 meat, fresh, frozen	2	---	---	2	---	---	---	---	
6817 meat, prepared	0	---	---	0	---	---	---	---	
6822 dairy products	1	---	---	1	---	---	---	---	
6835 fish, prepared	0	---	---	0	---	---	---	---	
6839 animals & prod. nec	1	---	---	1	---	---	---	---	
6856 bananas & plantains	0	---	---	0	---	---	---	---	
6857 fruit & nuts nec	0	---	---	0	---	---	---	---	
6858 fruit juices	0	---	---	0	---	---	---	---	
6861 sugar	7	---	---	0	---	---	6	---	
6865 molasses	0	---	---	0	---	---	---	---	
6871 coffee	0	---	---	0	---	---	---	---	
6885 alcoholic beverages	10	---	---	10	---	---	---	---	
6888 water & ice	2	---	---	2	---	---	---	---	
6889 food products nec	22	---	---	21	---	0	---	---	
6891 tobacco & products	0	---	---	0	---	---	---	---	

TABLE 3 - NET SUMMARY OF FOREIGN AND DOMESTIC FREIGHT CARRIED ON THE GREAT LAKES BY TYPE OF TRAFFIC AND COMMODITY
 Freight Traffic, 2010 - continued
 (thousand short tons)

Commodity	Grand Total	Foreign				Domestic			
		Inbound		Outbound		Coastwise	Lakewise	Internal	Intraport
		Canadian	Overseas	Canadian	Overseas				
Total all manufactured equipment, machinery and products	280	24	58	20	—	16	160	2	
7110 machinery (not elec)	55	16	30	4	—	0	2	2	
7120 electrical machinery	15	—	13	2	—	—	0	—	
7210 vehicles & parts	6	3	0	2	—	—	—	0	
7220 aircraft & parts	0	—	—	0	—	—	—	—	
7230 ships & boats	1	—	0	0	—	0	—	—	
7400 manufac. wood prod.	2	—	1	1	—	—	0	—	
7500 textile products	2	—	0	0	—	1	—	—	
7600 rubber & plastic pr.	11	5	3	3	—	—	—	—	
7900 manufac. prod. nec	189	0	10	7	—	14	158	—	
Total waste and scrap nec	0	—	—	—	—	—	0	—	
8900 waste and scrap nec	0	—	—	—	—	—	0	—	
Total unknown or not elsewhere classified	96	8	54	16	—	18	—	—	
9900 unknown or nec	96	8	54	16	—	18	—	—	
Tons All Traffic (x1000)		129,455							
Total Trip-ton-miles Internal and Intraport (x1000)		1,471,819							

Section 1

Freight Traffic

CHICAGO RIVER (MAIN AND NORTH BRANCH), IL (INCLUDED IN PORT OF CHICAGO)

Section Included: Main River from Rush Street to junction of North and South Branch; North Branch to North Avenue. Project Depth: 21 feet from Rush Street in the Main River to North Avenue in the North Branch, including the North Branch Canal and the North Turning Branch Basin.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	1,413	2004	1,730	2007	1,666	2010	620
2002	1,269	2005	1,662	2008	1,351		
2003	1,828	2006	1,754	2009	1,019		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Canadian	Domestic		
		Through Upbound	Total	Internal	
				Inbound Upbound	Outbound Downbnd
Total. all commodities	620	10	610	468	142
Total petroleum and petroleum products	10	10	—	—	—
Subtotal petroleum products	10	10	—	—	—
2330 distillate fuel oil	10	10	—	—	—
Total crude materials, inedible except fuels	557	—	557	468	89
Subtotal soil, sand, gravel, rock and stone	468	—	468	468	—
4331 sand & gravel	468	—	468	468	—
Subtotal iron ore and scrap	89	—	89	—	89
4420 iron & steel scrap	89	—	89	—	89
Total primary manufactured goods	52	—	52	—	52
Subtotal lime, cement and glass	52	—	52	—	52
5220 cement & concrete	52	—	52	—	52
Total food and farm products	2	—	2	—	2
Subtotal oilseeds	2	—	2	—	2
6522 soybeans	2	—	2	—	2
Ton-miles (x1000)	258	0	258	163	95

Tons All Traffic (x1000) **620**
 Ton-miles All Traffic (x1000) **258**
 Total Trip-ton-miles Internal and Intraport (x1000) **146,310**

CHICAGO RIVER, SOUTH BRANCH, IL (INCLUDED IN PORT OF CHICAGO, ALSO INCLUDED IN STATISTICS FOR ILLINOIS WATERWAY)

Section Included: Damen Avenue to Lake Street. Maintained Depth: 9 feet at low water stages.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	2,286	2004	3,616	2007	3,534	2010	1,771
2002	2,197	2005	3,515	2008	3,076		
2003	3,946	2006	4,116	2009	2,558		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Canadian	Domestic				
		Through Downbnd	Total	Internal		Through	
				Inbound Upbound	Outbound Downbnd		Upbound Downbnd
Total. all commodities	1,771	10	1,761	1,044	106	468	142
Total coal	852	—	852	852	—	—	—
1100 coal & lignite	852	—	852	852	—	—	—
Total petroleum and petroleum products	10	10	—	—	—	—	—
Subtotal petroleum products	10	10	—	—	—	—	—
2330 distillate fuel oil	10	10	—	—	—	—	—
Total chemicals and related products	1	—	1	1	—	—	—
Subtotal fertilizers	1	—	1	1	—	—	—
3190 fert. & mixes nec	1	—	1	1	—	—	—
Total crude materials, inedible except fuels	845	—	845	191	98	468	89
Subtotal soil, sand, gravel, rock and stone	658	—	658	191	—	468	—
4331 sand & gravel	658	—	658	191	—	468	—
Subtotal iron ore and scrap	187	—	187	—	98	—	89
4420 iron & steel scrap	187	—	187	—	98	—	89
Total primary manufactured goods	60	—	60	—	8	—	52
Subtotal lime, cement and glass	52	—	52	—	—	—	52
5220 cement & concrete	52	—	52	—	—	—	52
Subtotal primary non-ferrous metal products	8	—	8	—	8	—	—
5480 fab. metal products	8	—	8	—	8	—	—
Total food and farm products	2	—	2	—	—	—	2
Subtotal oilseeds	2	—	2	—	—	—	2
6522 soybeans	2	—	2	—	—	—	2
Ton-miles (x1000)	4,335	51	4,284	1,233	0	2,339	712

Tons All Traffic (x1000) **1,771**
 Ton-miles All Traffic (x1000) **4,335**
 Total Trip-ton-miles Internal and Intraport (x1000) **305,696**

LAKE CALUMET, IL (INCLUDED IN PORT OF CHICAGO)

Section Included: Entrance channel from the Calumet River to a harbor area at south end of lake with a channel extending northward for a distance of 3,000 feet and a width of 1,000 feet. Project Depth: 27 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	1,153	2004	1,366	2007	1,469	2010	954
2002	1,078	2005	1,692	2008	1,194		
2003	963	2006	1,804	2009	972		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Canadian		Domestic			Internal	
		Inbound	Outbound	Total	Lakewise		Inbound Upbound	Outbound Downbnd
					Receipts	Shipments		
Total. all commodities	954	42	13	898	416	23	182	277
Total chemicals and related products	4	—	—	4	—	—	—	4
Subtotal other chemicals and related products	4	—	—	4	—	—	—	4
3220 alcohols	4	—	—	4	—	—	—	4
Total crude materials, inedible except fuels	87	—	13	74	—	—	15	59
Subtotal soil, sand, gravel, rock and stone	3	—	—	3	—	—	3	—
4331 sand & gravel	3	—	—	3	—	—	3	—
Subtotal iron ore and scrap	22	—	13	9	—	—	2	7
4420 iron & steel scrap	22	—	13	9	—	—	2	7
Subtotal sulphur, clay and salt	3	—	—	3	—	—	3	—
4782 clay & refrac. mat.	3	—	—	3	—	—	3	—
Subtotal other non-metal. min.	59	—	—	59	—	—	8	51
4900 non-metal. min. nec	59	—	—	59	—	—	8	51
Total primary manufactured goods	819	42	—	777	416	23	124	214
Subtotal lime, cement and glass	612	—	—	612	409	—	—	203
5220 cement & concrete	612	—	—	612	409	—	—	203
Subtotal primary iron and steel products	205	42	—	164	7	23	122	11
5312 pig iron	127	—	—	127	7	23	92	4
5320 i&s primary forms	42	42	—	—	—	—	—	—
5330 i&s plates & sheets	28	—	—	28	—	—	28	—
5370 i&s pipe & tube	1	—	—	1	—	—	—	1
5390 primary i&s nec	7	—	—	7	—	—	2	5
Subtotal primary non-ferrous metal products	1	—	—	1	—	—	1	—
5480 fab. metal products	1	—	—	1	—	—	1	—
Total food and farm products	43	—	—	43	—	—	43	—
Subtotal processed grain and animal feed	2	—	—	2	—	—	2	—
6782 animal feed, prep.	2	—	—	2	—	—	2	—
Subtotal other agricultural products	42	—	—	42	—	—	42	—
6861 sugar	42	—	—	42	—	—	42	—
Ton-miles (x1000)	837	42	0	795	409	0	115	271

Tons All Traffic (x1000) 954
 Ton-miles All Traffic (x1000) 837
 Total Trip-ton-miles Internal and Intraport (x1000) 549,762

CALUMET HARBOR AND RIVER, IL AND IN (INCLUDED IN PORT OF CHICAGO)

Section Included: Calumet Harbor and River to turning basin no. 5 (130th Street Bridge). Project Depth: 29 feet in approach channel, 28 feet in outer harbor anchorage area, 27 feet in river entrance channel to E. J. & E. R. R. Bridge, and 27 feet in river to and including Basin No. 5, (130th Street Bridge).

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	11,481	2004	15,396	2007	14,613	2010	11,041
2002	11,034	2005	14,770	2008	13,769		
2003	11,213	2006	14,596	2009	10,584		

Freight Traffic, 2010 (thousand short tons)

Commodity	Total	Foreign		Canadian			
		Inbound	Outbound	Inbound	Outbound	Through	
						Upbound	Downbnd
Total. all commodities	3,142	352	114	1,676	946	13	42
Total coal	190	—	22	—	168	—	—
1100 coal & lignite	16	—	—	—	16	—	—
1200 coal coke	174	—	22	—	152	—	—
Total petroleum and petroleum products	795	1	91	4	699	—	—
Subtotal petroleum products	795	1	91	4	699	—	—
2430 asphalt, tar & pitch	4	—	—	4	—	—	—
2540 petroleum coke	791	1	91	—	699	—	—
Total chemicals and related products	13	13	—	—	—	—	—
Subtotal fertilizers	12	12	—	—	—	—	—
3110 nitrogenous fert.	12	12	—	—	—	—	—
Subtotal other chemicals and related products	1	1	—	—	—	—	—
3240 nitrogen func. comp.	1	1	—	—	—	—	—

CALUMET HARBOR AND RIVER, IL AND IN (INCLUDED IN PORT OF CHICAGO)
Freight Traffic, 2010 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian			
		Inbound	Outbound	Inbound	Outbound	Through	
						Upbound	Downbnd
Total crude materials, inedible except fuels	1,695	90	---	1,545	47	13	---
Subtotal soil, sand, gravel, rock and stone	26	---	---	26	---	---	---
4322 limestone	26	---	---	26	---	---	---
Subtotal iron ore and scrap	347	---	---	333	---	13	---
4410 iron ore	333	---	---	333	---	---	---
4420 iron & steel scrap	13	---	---	---	---	13	---
Subtotal non-ferrous ores and scrap	86	---	---	86	---	---	---
4650 aluminum ore	86	---	---	86	---	---	---
Subtotal slag	47	---	---	---	47	---	---
4860 slag	47	---	---	---	47	---	---
Subtotal other non-metal. min.	1,190	90	---	1,100	---	---	---
4900 non-metal. min. nec	1,190	90	---	1,100	---	---	---
Total primary manufactured goods	374	224	---	104	4	---	42
Subtotal primary iron and steel products	358	212	---	104	---	---	42
5312 pig iron	36	20	---	16	---	---	---
5315 ferro alloys	24	24	---	---	---	---	---
5320 i&s primary forms	199	74	---	83	---	---	42
5330 i&s plates & sheets	67	62	---	5	---	---	---
5360 i&s bars & shapes	30	30	---	---	---	---	---
5370 i&s pipe & tube	2	2	---	---	---	---	---
Subtotal primary non-ferrous metal products	16	12	---	0	4	---	---
5422 aluminum	0	---	---	0	---	---	---
5480 fab. metal products	16	12	---	---	4	---	---
Total food and farm products	26	---	---	---	26	---	---
Subtotal grain	26	---	---	---	26	---	---
6344 corn	26	---	---	---	26	---	---
Total all manufactured equipment, machinery and products	39	14	---	23	2	---	---
7110 machinery (not elec)	22	5	---	16	2	---	---
7120 electrical machinery	2	2	---	---	---	---	---
7210 vehicles & parts	3	---	---	3	---	---	---
7400 manufac. wood prod.	1	1	---	---	---	---	---
7600 rubber & plastic pr.	4	---	---	4	---	---	---
7900 manufac. prod. nec	6	6	---	0	---	---	---
Total unknown or not elsewhere classified	11	11	---	---	---	---	---
9900 unknown or nec	11	11	---	---	---	---	---
Ton-miles (x1000)	13,820	1,671	537	7,047	4,235	81	250
Foreign & Canadian							

Commodity	Total	Lakewise			
		Receipts	Shipments	Through	
				Upbound	Downbnd
Total. all commodities	3,444	664	2,340	23	416
Total coal	1,880	19	1,861	---	---
1100 coal & lignite	1,807	19	1,788	---	---
1200 coal coke	73	---	73	---	---
Total petroleum and petroleum products	91	---	91	---	---
Subtotal petroleum products	91	---	91	---	---
2540 petroleum coke	91	---	91	---	---
Total crude materials, inedible except fuels	355	353	2	---	---
Subtotal soil, sand, gravel, rock and stone	220	220	---	---	---
4322 limestone	193	193	---	---	---
4335 waterway improv. mat	27	27	---	---	---
Subtotal iron ore and scrap	2	---	2	---	---
4420 iron & steel scrap	2	---	2	---	---
Subtotal other non-metal. min.	133	133	---	---	---
4900 non-metal. min. nec	133	133	---	---	---
Total primary manufactured goods	1,118	292	387	23	416
Subtotal lime, cement and glass	1,025	292	323	---	409
5220 cement & concrete	1,025	292	323	---	409
Subtotal primary iron and steel products	79	---	49	23	7
5312 pig iron	79	---	49	23	7
Subtotal primary non-ferrous metal products	14	---	14	---	---
5480 fab. metal products	14	---	14	---	---
Ton-miles (x1000)	13,180	1,235	9,489	0	2,456
Lakewise					

Commodity	Total	Internal				
		Inbound	Outbound	Through		Intra
				Upbound	Downbnd	
Total. all commodities	4,455	2,027	1,011	498	908	12
Total coal	187	48	3	78	58	---
1100 coal & lignite	93	47	3	43	---	---
1200 coal coke	94	2	---	35	58	---
Total petroleum and petroleum products	1,493	826	299	56	312	---
Subtotal petroleum products	1,493	826	299	56	312	---
2211 gasoline	18	---	---	5	13	---
2330 distillate fuel oil	179	---	---	28	151	---
2340 residual fuel oil	14	---	---	---	14	---

CALUMET HARBOR AND RIVER, IL AND IN (INCLUDED IN PORT OF CHICAGO)
 Freight Traffic, 2010 - continued
 (thousand short tons)

Commodity	Total	Internal				
		Inbound	Outbound	Through		Intra
		Upbound	Downbnd	Upbound	Downbnd	Upbound
2350 lube oil & greases	17	—	—	17	—	—
2430 asphalt, tar & pitch	110	—	3	6	101	—
2540 petroleum coke	1,154	826	295	—	33	—
Total chemicals and related products	191	101	62	29	—	—
Subtotal fertilizers	63	35	—	29	—	—
3110 nitrogenous fert.	44	32	—	12	—	—
3120 phosphatic fert.	2	—	—	2	—	—
3130 potassic fert.	10	3	—	7	—	—
3190 fert. & mixes nec	8	—	—	8	—	—
Subtotal other chemicals and related products	128	66	62	—	—	—
3220 alcohols	75	13	62	—	—	—
3275 inorg. elem., oxides, & halogen salts	42	42	—	—	—	—
3276 metallic salts	1	1	—	—	—	—
3279 inorganic chem. nec	9	9	—	—	—	—
Total crude materials, inedible except fuels	1,053	370	368	127	177	11
Subtotal forest products, wood and chips	3	3	—	—	—	—
4161 wood chips	3	3	—	—	—	—
Subtotal soil, sand, gravel, rock and stone	32	17	4	—	—	11
4331 sand & gravel	17	17	—	—	—	—
4335 waterway improv. mat	15	—	4	—	—	11
Subtotal iron ore and scrap	276	34	133	95	14	—
4410 iron ore	113	34	—	65	14	—
4420 iron & steel scrap	162	—	133	30	—	—
Subtotal non-ferrous ores and scrap	78	47	2	29	—	—
4650 aluminum ore	2	2	—	—	—	—
4670 manganese ore	48	46	2	—	—	—
4680 non-ferrous scrap	29	—	—	29	—	—
Subtotal sulphur, clay and salt	56	53	—	3	—	—
4782 clay & refrac. mat.	56	53	—	3	—	—
Subtotal slag	183	1	19	—	163	—
4860 slag	183	1	19	—	163	—
Subtotal other non-metal. min.	425	215	210	—	—	—
4900 non-metal. min. nec	425	215	210	—	—	—
Total primary manufactured goods	919	623	34	34	228	—
Subtotal lime, cement and glass	12	—	9	2	2	—
5220 cement & concrete	12	—	9	2	2	—
Subtotal primary iron and steel products	841	579	13	23	226	—
5312 pig iron	409	376	3	22	8	—
5315 ferro alloys	131	131	—	—	—	—
5320 i&s primary forms	31	—	—	—	31	—
5330 i&s plates & sheets	249	60	9	1	179	—
5360 i&s bars & shapes	7	5	—	—	2	—
5370 i&s pipe & tube	2	2	—	—	—	—
5390 primary i&s nec	11	4	1	—	6	—
Subtotal primary non-ferrous metal products	66	45	12	10	—	—
5422 aluminum	3	—	3	—	—	—
5480 fab. metal products	63	45	9	10	—	—
Total food and farm products	415	28	240	18	130	—
Subtotal grain	273	15	168	10	79	—
6241 wheat	208	15	159	10	24	—
6344 corn	64	—	9	—	55	—
Subtotal oilseeds	135	11	72	2	50	—
6522 soybeans	135	11	72	2	50	—
Subtotal other agricultural products	8	2	—	6	—	—
6861 sugar	6	—	—	6	—	—
6865 molasses	2	2	—	—	—	—
Total all manufactured equipment, machinery and products	197	30	6	157	3	1
7110 machinery (not elec)	3	—	—	—	2	1
7800 empty containers	36	30	6	—	—	—
7900 manufac. prod. nec	158	—	—	157	1	—
Ton-miles (x1000)	15,361	4,512	2,415	2,987	5,446	0
Internal						
Tons All Traffic (x1000)	11,041					
Ton-miles All Traffic (x1000)	42,360					
Total Trip-ton-miles Internal and Intraport (x1000)	3,950,717					

PORT OF CHICAGO, IL

Section Included: Chicago Harbor, Chicago River, Main and North Branch, Chicago River, South Branch, Chicago Sanitary and Ship Canal, Calumet-Sag Channel and Lake Calumet, IL, Calumet Harbor and River, IL and IN. Project Depth: See Chicago Harbor, Chicago River, Main and North Branch, Chicago River, South Branch, Chicago Sanitary and Ship Canal, Calumet-Sag Channel and Lake Calumet, IL, Calumet Harbor and River, IL and IN.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	21,976	2004	24,602	2007	24,482	2010	18,534
2002	20,403	2005	25,821	2008	22,660		
2003	22,610	2006	25,706	2009	19,228		

Freight Traffic, 2010 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
Total. all commodities	3,152	352	114	1,728	959
Total coal	190	—	22	—	168
1100 coal & lignite	16	—	—	—	16
1200 coal coke	174	—	22	—	152
Total petroleum and petroleum products	806	1	91	14	699
Subtotal petroleum products	806	1	91	14	699
2330 distillate fuel oil	10	—	—	10	—
2430 asphalt, tar & pitch	4	—	—	4	—
2540 petroleum coke	791	1	91	—	699
Total chemicals and related products	13	13	—	—	—
Subtotal fertilizers	12	12	—	—	—
3110 nitrogenous fert.	12	12	—	—	—
Subtotal other chemicals and related products	1	1	—	—	—
3240 nitroden func. comp.	1	1	—	—	—
Total crude materials, inedible except fuels	1,695	90	—	1,545	60
Subtotal soil, sand, gravel, rock and stone	26	—	—	26	—
4322 limestone	26	—	—	26	—
Subtotal iron ore and scrap	347	—	—	333	13
4410 iron ore	333	—	—	333	—
4420 iron & steel scrap	13	—	—	—	13
Subtotal non-ferrous ores and scrap	86	—	—	86	—
4650 aluminum ore	86	—	—	86	—
Subtotal slag	47	—	—	—	47
4860 slag	47	—	—	—	47
Subtotal other non-metal. min.	1,190	90	—	1,100	—
4900 non-metal. min. nec	1,190	90	—	1,100	—
Total primary manufactured goods	374	224	—	146	4
Subtotal primary iron and steel products	358	212	—	146	—
5312 pig iron	36	20	—	16	—
5315 ferro alloys	24	24	—	—	—
5320 i&s primary forms	199	74	—	125	—
5330 i&s plates & sheets	67	62	—	5	—
5360 i&s bars & shapes	30	30	—	—	—
5370 i&s pipe & tube	2	2	—	—	—
Subtotal primary non-ferrous metal products	16	12	—	0	4
5422 aluminum	0	—	—	0	—
5480 fab. metal products	16	12	—	—	4
Total food and farm products	26	—	—	—	26
Subtotal grain	26	—	—	—	26
6344 corn	26	—	—	—	26
Total all manufactured equipment, machinery and products	39	14	—	23	2
7110 machinery (not elec)	22	5	—	16	2
7120 electrical machinery	2	2	—	—	—
7210 vehicles & parts	3	—	—	3	—
7400 manufac. wood prod.	1	1	—	—	—
7600 rubber & plastic pr.	4	—	—	4	—
7900 manufac. prod. nec	6	6	—	0	—
Total unknown or not elsewhere classified	11	11	—	—	—
9900 unknown or nec	11	11	—	—	—

Commodity	Total	Domestic				
		Lakewise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Total. all commodities	15,382	1,080	2,363	4,814	3,225	3,900
Total coal	4,434	19	1,861	50	71	2,433
1100 coal & lignite	4,291	19	1,788	47	3	2,433
1200 coal coke	143	—	73	3	68	—
Total petroleum and petroleum products	3,324	—	91	1,469	1,370	394
Subtotal crude petroleum	6	—	—	6	—	—
2100 crude petroleum	6	—	—	6	—	—
Subtotal petroleum products	3,317	—	91	1,462	1,370	394
2211 gasoline	138	—	—	131	7	—
2330 distillate fuel oil	686	—	—	130	527	30
2340 residual fuel oil	126	—	—	48	72	7
2350 lube oil & greases	29	—	—	25	4	—
2429 naphtha & solvents	120	—	—	96	15	8
2430 asphalt, tar & pitch	480	—	—	419	34	27
2540 petroleum coke	1,738	—	91	613	712	322
Total chemicals and related products	1,347	—	—	953	336	58
Subtotal fertilizers	54	—	—	54	—	—
3110 nitrogenous fert.	47	—	—	47	—	—

PORT OF CHICAGO, IL
Freight Traffic, 2010 - continued
(thousand short tons)

Commodity	Total	Domestic				
		Lakewise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
3130 potassic fert.	3	—	—	3	—	—
3190 fert. & mixes nec	4	—	—	4	—	—
Subtotal other chemicals and related products	1,293	—	—	899	336	58
3212 benzene & toluene	75	—	—	14	61	—
3219 other hydrocarbons	69	—	—	40	3	26
3220 alcohols	512	—	—	214	266	31
3260 organic comp. nec	33	—	—	33	—	—
3274 sodium hydroxide	528	—	—	522	4	1
3275 inorg. elem., oxides, & halogen salts	54	—	—	54	—	—
3276 metallic salts	14	—	—	13	2	—
3279 inorganic chem. nec	9	—	—	9	—	—
Total crude materials, inedible except fuels	3,094	353	2	851	875	1,013
Subtotal forest products, wood and chips	90	—	—	90	—	—
4161 wood chips	90	—	—	90	—	—
Subtotal soil, sand, gravel, rock and stone	1,688	220	—	202	319	947
4322 limestone	193	193	—	—	—	—
4331 sand & gravel	1,452	—	—	202	315	936
4335 waterway improv. mat	43	27	—	—	4	11
Subtotal iron ore and scrap	377	—	2	35	340	—
4410 iron ore	34	—	—	34	—	—
4420 iron & steel scrap	344	—	2	2	340	—
Subtotal non-ferrous ores and scrap	50	—	—	47	2	—
4650 aluminum ore	2	—	—	2	—	—
4670 manganese ore	48	—	—	46	2	—
Subtotal sulphur, clay and salt	56	—	—	56	—	—
4782 clay & refrac. mat.	56	—	—	56	—	—
Subtotal slag	20	—	—	1	19	—
4860 slag	20	—	—	1	19	—
Subtotal other non-metal. min.	814	133	—	419	195	67
4900 non-metal. min. nec	814	133	—	419	195	67
Total primary manufactured goods	2,802	708	410	1,373	311	—
Subtotal lime, cement and glass	1,816	701	323	527	264	—
5220 cement & concrete	1,816	701	323	527	264	—
Subtotal primary iron and steel products	887	7	72	784	24	—
5312 pig iron	557	7	72	470	8	—
5315 ferro alloys	131	—	—	131	—	—
5330 i&s plates & sheets	134	—	—	125	9	—
5360 i&s bars & shapes	47	—	—	47	—	—
5370 i&s pipe & tube	6	—	—	5	1	—
5390 primary i&s nec	13	—	—	7	6	—
Subtotal primary non-ferrous metal products	100	—	14	62	23	—
5422 aluminum	8	—	—	2	6	—
5429 smelted prod. nec	4	—	—	4	—	—
5480 fab. metal products	88	—	14	56	17	—
Total food and farm products	344	—	—	88	255	—
Subtotal grain	185	—	—	15	170	—
6241 wheat	174	—	—	15	159	—
6344 corn	11	—	—	—	11	—
Subtotal oilseeds	86	—	—	11	75	—
6522 soybeans	86	—	—	11	75	—
Subtotal processed grain and animal feed	14	—	—	3	11	—
6782 animal feed, prep.	14	—	—	3	11	—
Subtotal other agricultural products	59	—	—	59	—	—
6861 sugar	57	—	—	57	—	—
6865 molasses	2	—	—	2	—	—
Total all manufactured equipment, machinery and products	37	—	—	30	6	1
7110 machinery (not elec)	1	—	—	—	—	1
7800 empty containers	36	—	—	30	6	—

INDIANA HARBOR, IN

Section Included: Approach channel, outer harbor and canal entrance channel to the first E. J. & E. R. R. Bridge: Indiana Harbor Canal, including the Calumet River Branch to Columbus Drive Bridge and the Lake George Branch to 0.2 miles past Indianapolis Blvd. Project Depth: 29 feet in approach channel, 28 feet in harbor basin, 27 feet in canal entrance channel, and 22 feet in remainder of canal to 0.2 miles past Indianapolis Blvd. on Lake George Branch and Columbus Drive on Calumet River Branch.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	13,579	2004	18,228	2007	15,026	2010	10,169
2002	13,839	2005	14,120	2008	15,381		
2003	14,133	2006	16,164	2009	8,191		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Canadian Outbound	Domestic				
			Total	Lakewise		Internal	
				Receipts	Shipments	Receipts	Shipments
Total, all commodities	10,169	267	9,902	8,719	387	268	527
Total coal	201	—	201	105	—	48	48
1100 coal & lignite	148	—	148	105	—	43	—
1200 coal coke	53	—	53	—	—	5	48
Total petroleum and petroleum products	989	267	722	23	358	56	284
Subtotal crude petroleum	10	—	10	—	10	—	—
2100 crude petroleum	10	—	10	—	10	—	—

INDIANA HARBOR, IN
Freight Traffic, 2010 - continued
(thousand short tons)

Commodity	Grand Total	Canadian Outbound	Domestic				
			Total	Lakewise		Internal	
				Receipts	Shipments	Receipts	Shipments
Subtotal petroleum products	979	267	712	23	348	56	284
2211 gasoline	18	—	18	—	—	5	13
2330 distillate fuel oil	183	—	183	5	—	28	151
2340 residual fuel oil	91	—	91	18	59	—	14
2350 lube oil & greases	17	—	17	—	—	17	—
2430 asphalt, tar & pitch	397	—	397	—	290	6	101
2540 petroleum coke	272	267	5	—	—	—	5
Total crude materials, inedible except fuels	8,681	—	8,681	8,591	19	—	71
Subtotal soil, sand, gravel, rock and stone	716	—	716	716	—	—	—
4322 limestone	716	—	716	716	—	—	—
Subtotal iron ore and scrap	7,890	—	7,890	7,876	—	—	14
4410 iron ore	7,888	—	7,888	7,874	—	—	14
4420 iron & steel scrap	2	—	2	2	—	—	—
Subtotal slag	76	—	76	—	19	—	57
4860 slag	76	—	76	—	19	—	57
Total primary manufactured goods	140	—	140	—	10	8	122
Subtotal primary iron and steel products	132	—	132	—	10	—	122
5312 pig iron	18	—	18	—	10	—	8
5320 i&s primary forms	31	—	31	—	—	—	31
5330 i&s plates & sheets	76	—	76	—	—	—	76
5390 primary i&s nec	6	—	6	—	—	—	6
Subtotal primary non-ferrous metal products	8	—	8	—	—	8	—
5480 fab. metal products	8	—	8	—	—	8	—
Total all manufactured equipment, machinery and products	158	—	158	—	—	157	1
7900 manufac. prod. nec	158	—	158	—	—	157	1

BURNS WATERWAY HARBOR, IN

Section Included: Approach channel, outer harbor, and two harbor arms. Project Depth: 30 feet in approach channel, 28 feet in outer harbor, and 27 feet in the east and west harbor arms.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	8,735	2004	9,802	2007	6,495	2010	6,055
2002	8,621	2005	9,812	2008	6,283		
2003	8,069	2006	8,954	2009	4,026		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Foreign Inbound	Canadian		Domestic				
			Inbound	Outbound	Total	Lakewise		Internal	
						Receipts	Shipments	Receipts	Shipments
Total. all commodities	6,055	68	189	128	5,670	5,059	211	147	252
Total coal	149	—	—	24	124	58	28	30	8
1100 coal & lignite	59	—	—	—	59	52	7	—	—
1200 coal coke	90	—	—	24	66	6	21	30	8
Total petroleum and petroleum products	137	—	—	43	95	70	5	—	20
Subtotal crude petroleum	10	—	—	—	10	10	—	—	—
2100 crude petroleum	10	—	—	—	10	10	—	—	—
Subtotal petroleum products	127	—	—	43	85	60	5	—	20
2330 distillate fuel oil	5	—	—	—	5	—	5	—	—
2340 residual fuel oil	4	—	—	—	4	4	—	—	—
2430 asphalt, tar & pitch	56	—	—	—	56	56	—	—	—
2540 petroleum coke	63	—	—	43	20	—	—	—	20
Total chemicals and related products	34	—	5	—	29	—	—	29	—
Subtotal fertilizers	34	—	5	—	29	—	—	29	—
3110 nitrogenous fert.	12	—	—	—	12	—	—	12	—
3120 phosphatic fert.	2	—	—	—	2	—	—	2	—
3130 potassic fert.	13	—	5	—	7	—	—	7	—
3190 fert. & mixes nec	8	—	—	—	8	—	—	8	—
Total crude materials, inedible except fuels	5,418	—	160	29	5,229	4,930	178	46	74
Subtotal soil, sand, gravel, rock and stone	790	—	—	—	790	790	—	—	—
4322 limestone	790	—	—	—	790	790	—	—	—
Subtotal iron ore and scrap	4,254	—	141	—	4,113	4,070	—	43	—
4410 iron ore	4,224	—	141	—	4,084	4,070	—	13	—
4420 iron & steel scrap	30	—	—	—	30	—	—	30	—
Subtotal sulphur, clay and salt	3	—	—	—	3	—	—	3	—
4782 clay & refrac. mat.	3	—	—	—	3	—	—	3	—
Subtotal slag	301	—	19	29	253	—	178	—	74
4860 slag	301	—	19	29	253	—	178	—	74
Subtotal other non-metal. min.	70	—	—	—	70	70	—	—	—
4900 non-metal. min. nec	70	—	—	—	70	70	—	—	—
Total primary manufactured goods	135	66	23	2	43	—	—	24	19

BURNS WATERWAY HARBOR, IN
 Freight Traffic, 2010 - continued
 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic				
		Inbound	Outbound	Inbound	Outbound	Total	Lakewise		Internal	
							Receipts	Shipments	Receipts	Shipments
Subtotal primary iron and steel products	90	48	---	---	42	---	---	23	19	
5312 pig iron	22	---	---	---	22	---	---	22	---	
5320 i&s primary forms	22	22	---	---	---	---	---	---	---	
5330 i&s plates & sheets	40	22	---	---	18	---	---	1	17	
5360 i&s bars & shapes	6	4	---	---	2	---	---	---	2	
5370 i&s pipe & tube	0	0	---	---	---	---	---	---	---	
Subtotal primary non-ferrous metal products	45	18	23	2	2	---	---	2	---	
5480 fab. metal products	45	18	23	2	2	---	---	2	---	
Total food and farm products	178	---	---	31	147	---	---	18	130	
Subtotal grain	120	---	---	31	89	---	---	10	79	
6241 wheat	34	---	---	---	34	---	---	10	24	
6344 corn	86	---	---	31	55	---	---	---	55	
Subtotal oilseeds	52	---	---	---	52	---	---	2	50	
6522 soybeans	52	---	---	---	52	---	---	2	50	
Subtotal other agricultural products	6	---	---	---	6	---	---	6	---	
6861 sugar	6	---	---	---	6	---	---	6	---	
Total all manufactured equipment, machinery and products	3	0	1	---	2	---	---	---	2	
7110 machinery (not elec)	2	0	---	---	2	---	---	---	2	
7120 electrical machinery	0	0	---	---	---	---	---	---	---	
7600 rubber & plastic or.	1	---	1	---	---	---	---	---	---	
Total unknown or not elsewhere classified	1	1	---	---	---	---	---	---	---	
9900 unknown or nec	1	1	---	---	---	---	---	---	---	

Other Harbors and Waterways 2010

Harbor or Waterway	Commodity	Thousand Short Tons
Project		
CHICAGO HARBOR, IL (INCLUDED IN PORT OF CHICAGO)	2330 distillate fuel oil	10
	Total Tons(x1000)	10
	Total Ton-miles(x1000)	10
MICHIGAN CITY HARBOR, IN	No Commerce Reported	
WAUKEGAN HARBOR, IL	4323 gypsum	71
	5220 cement & concrete	135
	Total Tons(x1000)	206
Non-project		
BUFFINGTON HARBOR, IN	4322 limestone	1,128
	Total Tons(x1000)	1,128
GARY HARBOR, IN	1100 coal & lignite	29
	1200 coal coke	108
	2540 petroleum coke	8
	4322 limestone	174
	4410 iron ore	7,320
	4680 non-ferrous scrap	29
	4860 slag	77
	5312 pig iron	2
	5330 i&s plates & sheets	85
	Total Tons(x1000)	7,831

TWO HARBORS (AGATE BAY), MN

Section Included: Entire harbor. Controlling Depth: 28 feet except for a 26 foot area along the east project line. Project Depth: 28 feet in inner basin and 30 feet near entrance.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	11,875	2004	13,660	2007	13,672	2010	13,877
2002	14,895	2005	10,959	2008	13,433		
2003	13,033	2006	13,420	2009	7,096		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Canadian		Domestic		
		Inbound	Outbound	Total	Lakewise	
					Receipts	Shipments
Total. all commodities	13,877	17	468	13,392	3	13,389
Total crude materials, inedible except fuels	13,877	17	468	13,392	3	13,389
Subtotal iron ore and scrap	13,860	—	468	13,392	3	13,389
4410 iron ore	13,860	—	468	13,392	3	13,389
Subtotal other non-metal. min.	17	17	—	—	—	—
4900 non-metal. min. nec	17	17	—	—	—	—

DULUTH-SUPERIOR HARBOR, MN AND WI

Section Included: Superior Bay and its tributaries, St. Louis Bay and St. Louis River, and Allouez Bay. Controlling Depth: 32 feet in lake approaches, diminishing to a minimum of 20 feet in certain inner channels; there are numerous 1-2 foot shoals scattered in portions of the Duluth and Superior Harbor Basins. Project Depth: 32 feet in lake approaches; 27 feet in Duluth and Superior Harbor Basins, superior front channel, and in ore-channel routes through north and south channels to D. M. & I. R. R.Y. ore docks; 27 feet in Howards Bay and Allouez Bay; 23 feet in remaining portion of south, upper, and Minnesota channels to Hallet Dock No. 6; and 20 feet from thence to northerly end of Clough Island. Navigation Season: April 3 to January 11.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	39,811	2004	45,393	2007	46,498	2010	36,598
2002	44,161	2005	44,722	2008	45,342		
2003	38,295	2006	46,974	2009	30,226		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic			Internal Intraport
		Inbound	Outbound	Inbound	Outbound	Total	Lakewise		
							Receipts	Shipments	
Total. all commodities	36,598	63	1,446	268	7,885	26,936	3,555	23,329	52
Total coal	17,410	—	56	—	3,299	14,055	308	13,722	25
1100 coal & lignite	17,410	—	56	—	3,299	14,055	308	13,722	25
Total petroleum and petroleum products	21	—	—	—	2	19	—	19	—
Subtotal petroleum products	21	—	—	—	2	19	—	19	—
2540 petroleum coke	21	—	—	—	2	19	—	19	—
Total chemicals and related products	0	0	—	—	—	—	—	—	—
Subtotal other chemicals and related products	0	0	—	—	—	—	—	—	—
3220 alcohols	0	0	—	—	—	—	—	—	—
3260 organic comp. nec	0	0	—	—	—	—	—	—	—
3275 inorg. elem., oxides, & halogen salts	0	0	—	—	—	—	—	—	—
3282 pigments & paints	0	0	—	—	—	—	—	—	—
3286 plastics	0	0	—	—	—	—	—	—	—
3292 starches. aluten. alue	0	0	—	—	—	—	—	—	—
Total crude materials, inedible except fuels	17,152	—	390	170	4,177	12,416	3,106	9,284	27
Subtotal soil, sand, gravel, rock and stone	2,982	—	—	—	—	2,982	2,982	—	—
4322 limestone	2,954	—	—	—	—	2,954	2,954	—	—
4331 sand & gravel	28	—	—	—	—	28	28	—	—
Subtotal iron ore and scrap	13,884	—	337	—	4,158	9,388	77	9,284	27
4410 iron ore	13,876	—	337	—	4,150	9,388	77	9,284	27
4420 iron & steel scrap	8	—	—	—	8	—	—	—	—
Subtotal sulphur, clay and salt	70	—	52	—	18	—	—	—	—
4782 clay & refrac. mat.	70	—	52	—	18	—	—	—	—
Subtotal other non-metal. min.	217	—	—	170	—	47	47	—	—
4900 non-metal. min. nec	217	—	—	170	—	47	47	—	—
Total primary manufactured goods	267	24	—	95	7	141	141	—	—
Subtotal lime, cement and glass	243	—	—	95	7	141	141	—	—
5220 cement & concrete	243	—	—	95	7	141	141	—	—
Subtotal primary non-ferrous metal products	24	24	—	—	—	—	—	—	—
5480 fab. metal products	24	24	—	—	—	—	—	—	—
Total food and farm products	1,708	—	1,001	4	399	305	—	305	—
Subtotal grain	1,487	—	795	—	388	305	—	305	—
6241 wheat	1,241	—	772	—	388	80	—	80	—

DULUTH-SUPERIOR HARBOR, MN AND WI
Freight Traffic, 2010 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic			
		Inbound	Outbound	Inbound	Outbound	Total	Lakewise		Internal Intraport
							Receipts	Shipments	
6443 barley & rye	22	—	22	—	—	—	—	—	
6447 sorghum grains	224	—	—	—	224	—	224	—	
Subtotal oilseeds	23	—	23	—	—	—	—	—	
6534 flaxseed	23	—	23	—	—	—	—	—	
Subtotal vegetable products	42	—	31	—	11	—	—	—	
6653 vegetable oils	42	—	31	—	11	—	—	—	
Subtotal processed grain and animal feed	156	—	152	4	—	—	—	—	
6747 grain mill products	23	—	19	4	—	—	—	—	
6782 animal feed, prep.	133	—	133	—	—	—	—	—	
Total all manufactured equipment, machinery and products	26	26	—	—	—	—	—	—	
7110 machinery (not elec)	19	19	—	—	—	—	—	—	
7120 electrical machinery	1	1	—	—	—	—	—	—	
7600 rubber & plastic pr.	3	3	—	—	—	—	—	—	
7900 manufac. prod. nec	3	3	—	—	—	—	—	—	
Total unknown or not elsewhere classified	15	13	—	—	2	—	—	—	
9900 unknown or nec	15	13	—	—	2	—	—	—	

TACONITE HARBOR, MN

NON-CORPS PROJECT

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	2,243	2004	1,022	2007	889	2010	715
2002	645	2005	2,508	2008	773		
2003	852	2006	2,089	2009	577		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Lakewise	
		Receipts	Shipments
Total, all commodities	715	678	37
Total coal	678	678	—
1100 coal & lignite	678	678	—
Total crude materials, inedible except fuels	37	—	37
Subtotal iron ore and scrap	37	—	37
4410 iron ore	37	—	37

PRESQUE ISLE HARBOR, MI

Section Included: Entire harbor. Controlling and Project Depths: 30 feet in approach and 28 feet in basin. Navigation Season: March 31 to January 21.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	9,475	2004	10,134	2007	8,792	2010	8,721
2002	10,592	2005	10,983	2008	8,808		
2003	8,776	2006	9,074	2009	6,990		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Canadian		Domestic		
		Inbound	Outbound	Total	Lakewise	
					Receipts	Shipments
Total, all commodities	8,721	17	2,257	6,447	2,002	4,445
Total coal	1,738	—	—	1,738	1,687	51
1100 coal & lignite	1,738	—	—	1,738	1,687	51
Total crude materials, inedible except fuels	6,983	17	2,257	4,709	315	4,394
Subtotal soil, sand, gravel, rock and stone	283	—	—	283	264	19
4322 limestone	283	—	—	283	264	19
Subtotal iron ore and scrap	6,683	—	2,257	4,427	51	4,375
4410 iron ore	6,683	—	2,257	4,427	51	4,375
Subtotal slag	17	17	—	—	—	—
4860 slag	17	17	—	—	—	—

MARQUETTE HARBOR, MI

Section Included: Entire harbor. Controlling Depth: 26 feet. Project Depth: 27 feet. Navigation Season: May 14 to November 22.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	976	2004	1,538	2007	1,136	2010	1,010
2002	923	2005	1,121	2008	1,222		
2003	1,206	2006	839	2009	626		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Canadian	Domestic		
		Inbound	Total	Lakewise	
			Receipts	Shipments	
Total, all commodities	1,010	216	793	680	113
Total coal	229	42	188	188	—
1100 coal & lignite	229	42	188	188	—
Total crude materials, inedible except fuels	780	175	606	493	113
Subtotal soil, sand, gravel, rock and stone	622	155	468	468	—
4322 limestone	622	155	468	468	—
Subtotal iron ore and scrap	138	—	138	25	113
4410 iron ore	138	—	138	25	113
Subtotal sulphur, clay and salt	20	20	—	—	—
4782 clay & refrac. mat.	20	20	—	—	—

DRUMMOND ISLAND, MI (INCLUDED IN ST. MARYS RIVER)

Section Included: Private loading dock on St. Marys River at Drummond Island, MI. Controlling Depths: 30 feet to and from Lake Huron; 27.0 feet to and from Lake Superior; 27.0 feet to Lake Superior; 23 feet at dock. Project Depth: See St. Marys River.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	1,198	2004	1,716	2007	1,533	2010	1,069
2002	1,221	2005	1,460	2008	1,116		
2003	1,401	2006	1,238	2009	1,040		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Canadian	Domestic	
		Outbound	Lakewise	Shipments
Total, all commodities	1,069	274	795	795
Total crude materials, inedible except fuels	1,069	274	795	795
Subtotal soil, sand, gravel, rock and stone	1,069	274	795	795
4322 limestone	1,059	274	785	785
4331 sand & gravel	10	—	—	10

ST. MARYS RIVER, MI

Name of Canal	Project Depth	Controlling Depth
Gros Cap Reefs	30.0	30.0
Point Iroquois Shoal Channel	30.0	29.4
Point Iroquois Anchorage areas	29.0	21.0
Birch Point Course	28.0-30.0	30.0
Brush Point Course	28.0 -30.0	
Point Louise Channel	28.0	28.0
Point Aux Pins Course	28.0	28.0
Vidal Shoals Channel	28.0	28.0
Locks and Canal(see report for St. Marys Fall Canal)		
Bayfield Channel Course 1	28.0	28.0
Anchorage and maneuver area angle courses 1 and 2	28.5	28.5
Little Rapids Courses 2 and 3	27.0	27.0
Lake Nicolet Channel	29.0	29.0
Lake Nicolet Anchorage	28.0	28.0
Middle Neebish Channel	27.0-28.0	27.0
West Neebish Channel	27.5-28.5	27.5
Lake Munuscong Channel	28.0	28.0
Lime Island Channel	29.0	29.0
Detour Passage	30.0	30.0
Pipe Island Course	29.0	29.0
Watson Reef Course	30.0	30.0
Crab Island	30.0	30.0

ST. MARYS RIVER, M
Freight Traffic, 2010 - continued
(thousand short tons)

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	74,916	2004	83,122	2007	78,558	2010	68,343
2002	80,330	2005	79,910	2008	78,467		
2003	71,921	2006	81,299	2009	49,873		

Freight Traffic, 2010 (thousand short tons)

Commodity	Total	Foreign		Canadian			
		Through		Inbound	Outbound	Through	
		Upbound	Downbnd			Upbound	Downbnd
Total, all commodities	19,262	63	1,446	52	294	2,403	15,005
Total coal	5,104	—	56	—	—	1,167	3,881
1100 coal & lignite	5,104	—	56	—	—	1,167	3,881
Total petroleum and petroleum products	96	—	—	8	—	73	15
Subtotal petroleum products	96	—	—	8	—	73	15
2211 gasoline	9	—	—	—	—	—	9
2330 distillate fuel oil	8	—	—	8	—	—	—
2430 asphalt, tar & pitch	4	—	—	—	—	—	4
2540 petroleum coke	74	—	—	—	—	73	2
Total chemicals and related products	189	0	—	—	—	25	164
Subtotal fertilizers	178	—	—	—	—	15	164
3110 nitrogenous fert.	15	—	—	—	—	15	—
3130 potassic fert.	164	—	—	—	—	—	164
Subtotal other chemicals and related products	11	0	—	—	—	11	—
3220 alcohols	0	0	—	—	—	—	—
3260 organic comp. nec	0	0	—	—	—	—	—
3275 inorg. elem., oxides, & halogen salts	0	0	—	—	—	—	—
3276 metallic salts	11	—	—	—	—	11	—
3282 pigments & paints	0	0	—	—	—	—	—
3286 plastics	0	0	—	—	—	—	—
3292 starches, gluten, glue	0	0	—	—	—	—	—
Total crude materials, inedible except fuels	10,821	—	390	43	294	1,027	9,067
Subtotal forest products, wood and chips	58	—	—	—	—	—	58
4189 lumber	58	—	—	—	—	—	58
Subtotal soil, sand, gravel, rock and stone	2,700	—	—	—	274	734	1,692
4322 limestone	2,435	—	—	—	274	710	1,452
4331 sand & gravel	264	—	—	—	—	25	240
Subtotal iron ore and scrap	7,350	—	337	—	—	19	6,994
4410 iron ore	7,323	—	337	—	—	—	6,986
4420 iron & steel scrap	27	—	—	—	—	19	8
Subtotal sulphur, clay and salt	97	—	52	—	—	20	25
4782 clay & refrac. mat.	97	—	52	—	—	20	25
Subtotal slag	353	—	—	—	—	63	290
4860 slag	353	—	—	—	—	63	290
Subtotal other non-metal. min.	262	—	—	43	20	191	8
4900 non-metal. min. nec	262	—	—	43	20	191	8
Total primary manufactured goods	1,330	24	—	—	—	111	1,195
Subtotal lime, cement and glass	1,070	—	—	—	—	111	959
5220 cement & concrete	1,070	—	—	—	—	111	959
Subtotal primary iron and steel products	211	—	—	—	—	—	211
5320 i&s primary forms	206	—	—	—	—	—	206
5330 i&s plates & sheets	6	—	—	—	—	—	6
Subtotal primary non-ferrous metal products	49	24	—	—	—	—	25
5422 aluminum	0	—	—	—	—	—	0
5480 fab. metal products	49	24	—	—	—	—	25
Total food and farm products	1,671	—	1,001	—	—	—	671
Subtotal grain	1,454	—	795	—	—	—	660
6241 wheat	1,230	—	772	—	—	—	458
6443 barley & rye	95	—	22	—	—	—	72
6445 oats	130	—	—	—	—	—	130
Subtotal oilseeds	23	—	23	—	—	—	—
6534 flaxseed	23	—	23	—	—	—	—
Subtotal vegetable products	42	—	31	—	—	—	11
6653 vegetable oils	42	—	31	—	—	—	11
Subtotal processed grain and animal feed	152	—	152	—	—	—	—
6747 grain mill products	19	—	19	—	—	—	—
6782 animal feed, prep.	133	—	133	—	—	—	—
Total all manufactured equipment, machinery and products	27	26	—	—	—	—	1
7110 machinery (not elec)	19	19	—	—	—	—	—
7120 electrical machinery	1	1	—	—	—	—	—
7210 vehicles & parts	1	—	—	—	—	—	1
7600 rubber & plastic pr.	3	3	—	—	—	—	—
7900 manufac. prod. nec	3	3	—	—	—	—	—
Total unknown or not elsewhere classified	24	13	—	—	—	—	11
9900 unknown or nec	24	13	—	—	—	—	11
Ton-miles (x1000)	1,051,610	4,027	92,540	2,380	4,736	109,120	838,807
Foreign & Canadian							

ST. MARYS RIVER, MI
Freight Traffic, 2010 - continued
(thousand short tons)

Commodity	Total	Domestic				
		Lakewise			Internal	
		Shipments	Through		Through	
			Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	49,081	795	4,440	43,827	17	2
Total coal	11,265	—	495	10,770	—	—
1100 coal & lignite	11,265	—	495	10,770	—	—
Total petroleum and petroleum products	19	—	—	19	—	—
Subtotal petroleum products	19	—	—	19	—	—
2540 petroleum coke	19	—	—	19	—	—
Total chemicals and related products	17	—	—	—	15	2
Subtotal other chemicals and related products	17	—	—	—	15	2
3293 explosives	17	—	—	—	15	2
Total crude materials, inedible except fuels	37,335	795	3,804	32,734	2	—
Subtotal soil, sand, gravel, rock and stone	4,419	795	3,603	19	2	—
4322 limestone	4,381	785	3,576	19	2	—
4331 sand & gravel	37	10	28	—	—	—
Subtotal iron ore and scrap	32,869	—	153	32,716	—	—
4410 iron ore	32,869	—	153	32,716	—	—
Subtotal other non-metal. min.	47	—	47	—	—	—
4900 non-metal. min. nec	47	—	47	—	—	—
Total primary manufactured goods	141	—	141	—	—	—
Subtotal lime, cement and glass	141	—	141	—	—	—
5220 cement & concrete	141	—	141	—	—	—
Total food and farm products	305	—	—	305	—	—
Subtotal grain	305	—	—	305	—	—
6241 wheat	80	—	—	80	—	—
6447 sorghum grains	224	—	—	224	—	—
Ton-miles (x1000)	3,111,010	21,843	284,158	2,804,954	50	5

Tons All Traffic (x1000) 68,343
Ton-miles All Traffic (x1000) 4,162,620
Total Trip-ton-miles Internal and Intraport (x1000) 37

ST. MARYS FALLS CANAL, MI AND SAULT STE. MARIE, ONTARIO SHIP CANAL, CN (INCLUDED IN ST. MARYS RIVER)

Section Included: American and Canadian Navigation Canals and Locks at St. Marys Falls, Sault Ste. Marie, MI. and Ontario. Controlling Depths: Sabin Lock 23.1, Davis Lock 23.1, Macarthur Lock 31.0, Poe Lock 32.0 and 16.8 feet Canadian Canal. Project Depth: See St. Marys River.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	68,179	2004	74,971	2007	72,361	2010	63,286
2002	73,968	2005	72,979	2008	72,034		
2003	65,680	2006	74,218	2009	45,222		

Freight Traffic, 2010 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Through		Through	
		Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	14,835	63	1,446	635	12,691
Total coal	3,993	—	56	56	3,881
1100 coal & lignite	3,993	—	56	56	3,881
Total petroleum and petroleum products	71	—	—	60	11
Subtotal petroleum products	71	—	—	60	11
2211 gasoline	9	—	—	—	9
2540 petroleum coke	61	—	—	60	2
Total chemicals and related products	174	0	—	11	164
Subtotal fertilizers	164	—	—	—	164
3130 potassic fert.	164	—	—	—	164
Subtotal other chemicals and related products	11	0	—	11	—
3220 alcohols	0	0	—	—	—
3260 organic comp. nec	0	0	—	—	—
3275 inorg. elem., oxides, & halogen salts	0	0	—	—	—
3276 metallic salts	11	—	—	11	—
3282 pigments & paints	0	0	—	—	—
3286 plastics	0	0	—	—	—
3292 starches, gluten, glue	0	0	—	—	—
Total crude materials, inedible except fuels	7,822	—	390	398	7,035
Subtotal forest products, wood and chips	58	—	—	—	58
4189 lumber	58	—	—	—	58
Subtotal soil, sand, gravel, rock and stone	178	—	—	155	23
4322 limestone	178	—	—	155	23
Subtotal iron ore and scrap	7,273	—	337	—	6,935
4410 iron ore	7,265	—	337	—	6,927
4420 iron & steel scrap	8	—	—	—	8
Subtotal sulphur, clay and salt	90	—	52	20	18
4782 clay & refrac. mat.	90	—	52	20	18
Subtotal slag	17	—	—	17	—
4860 slag	17	—	—	17	—
Subtotal other non-metal. min.	207	—	—	207	—
4900 non-metal. min. nec	207	—	—	207	—
Total primary manufactured goods	1,094	24	—	111	959
Subtotal lime, cement and glass	1,070	—	—	111	959
5220 cement & concrete	1,070	—	—	111	959

ST. MARYS FALLS CANAL, MI AND SAULT STE. MARIE, ONTARIO SHIP CANAL, CN (INCLUDED IN ST. MARYS RIVER)
 Freight Traffic, 2010 - continued
 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Through		Through	
		Upbound	Downbnd	Upbound	Downbnd
Subtotal primary non-ferrous metal products	24	24	---	---	---
5480 fab. metal products	24	24	---	---	---
Total food and farm products	1,638	---	1,001	---	638
Subtotal grain	1,421	---	795	---	627
6241 wheat	1,230	---	772	---	458
6443 barley & rye	95	---	22	---	72
6445 oats	97	---	---	---	97
Subtotal oilseeds	23	---	23	---	---
6534 flaxseed	23	---	23	---	---
Subtotal vegetable products	42	---	31	---	11
6653 vegetable oils	42	---	31	---	11
Subtotal processed grain and animal feed	152	---	152	---	---
6747 grain mill products	19	---	19	---	---
6782 animal feed, prep.	133	---	133	---	---
Total all manufactured equipment, machinery and products	26	26	---	---	---
7110 machinery (not elec)	19	19	---	---	---
7120 electrical machinery	1	1	---	---	---
7600 rubber & plastic pr.	3	3	---	---	---
7900 manufac. prod. nec	3	3	---	---	---
Total unknown or not elsewhere classified	16	13	---	---	4
9900 unknown or nec	16	13	---	---	4
Ton-miles (x1000)	753,339	3,964	91,094	1,531	656,750
Foreign & Canadian					

Commodity	Total	Domestic			
		Lakewise		Internal	
		Through		Through	
		Upbound	Downbnd	Upbound	Downbnd
Total. all commodities	48,452	4,606	43,827	17	2
Total coal	11,265	495	10,770	---	---
1100 coal & lignite	11,265	495	10,770	---	---
Total petroleum and petroleum products	19	---	19	---	---
Subtotal petroleum products	19	---	19	---	---
2540 petroleum coke	19	---	19	---	---
Total chemicals and related products	17	---	---	15	2
Subtotal other chemicals and related products	17	---	---	15	2
3293 explosives	17	---	---	15	2
Total crude materials, inedible except fuels	36,705	3,970	32,734	2	---
Subtotal soil, sand, gravel, rock and stone	3,789	3,789	19	2	---
4322 limestone	3,762	3,742	19	2	---
4331 sand & gravel	28	28	---	---	---
Subtotal iron ore and scrap	32,869	153	32,716	---	---
4410 iron ore	32,869	153	32,716	---	---
Subtotal other non-metal. min.	47	47	---	---	---
4900 non-metal. min. nec	47	47	---	---	---
Total primary manufactured goods	141	141	---	---	---
Subtotal lime, cement and glass	141	141	---	---	---
5220 cement & concrete	141	141	---	---	---
Total food and farm products	305	---	305	---	---
Subtotal grain	305	---	305	---	---
6241 wheat	80	---	80	---	---
6447 sorghum grains	224	---	224	---	---
Ton-miles (x1000)	2,786,223	25,078	2,761,127	17	2
Domestic					

Tons All Traffic (x1000) 63,286
Ton-miles All Traffic (x1000) 3,539,562
Total Trip-ton-miles Internal and Intraport (x1000) 37

GRAYS REEF PASSAGE, MI

Section Included: East channel, 3,000 feet wide and about 2 miles long. Controlling and project depths: 25 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	13,010	2004	11,848	2007	12,358	2010	7,680
2002	11,799	2005	11,136	2008	10,368		
2003	11,290	2006	10,891	2009	7,443		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Canadian	Domestic				
		Through	Total	Lakewise		Internal	
				Through		Through	
Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	
Total. all commodities	7,680	77	7,604	1,991	5,610	2	2
Total coal	1,838	---	1,838	507	1,331	---	---
1100 coal & lignite	1,758	---	1,758	427	1,331	---	---
1200 coal coke	80	---	80	80	---	---	---

GRAYS REEF PASSAGE, MI
Freight Traffic, 2010 - continued
(thousand short tons)

Commodity	Grand Total	Canadian	Domestic				
		Through	Total	Lakewise		Internal	
		Downbnd		Through		Through	
				Upbound	Downbnd	Upbound	Downbnd
Total petroleum and petroleum products	314	---	314	261	53	---	---
Subtotal petroleum products	314	---	314	261	53	---	---
2340 residual fuel oil	81	---	81	59	22	---	---
2430 asphalt, tar & pitch	141	---	141	129	12	---	---
2540 petroleum coke	92	---	92	73	19	---	---
Total crude materials, inedible except fuels	4,643	77	4,566	1,158	3,408	---	---
Subtotal soil, sand, gravel, rock and stone	3,491	72	3,419	1,112	2,308	---	---
4322 limestone	3,320	8	3,311	1,107	2,205	---	---
4323 gypsum	112	37	76	---	76	---	---
4331 sand & gravel	59	27	32	5	27	---	---
Subtotal iron ore and scrap	724	5	719	---	719	---	---
4410 iron ore	724	5	719	---	719	---	---
Subtotal slag	32	---	32	32	---	---	---
4860 slag	32	---	32	32	---	---	---
Subtotal other non-metal. min.	395	---	395	14	381	---	---
4900 non-metal. min. nec	395	---	395	14	381	---	---
Total primary manufactured goods	885	---	885	65	817	2	2
Subtotal lime, cement and glass	870	---	870	50	817	2	2
5210 lime	7	---	7	---	7	---	---
5220 cement & concrete	863	---	863	50	810	2	2
Subtotal primary non-ferrous metal products	15	---	15	14	1	---	---
5480 fab. metal products	15	---	15	14	1	---	---
Ton-miles (x1000)	1,049,328	7,844	1,041,484	244,873	795,830	391	390

Tons All Traffic (x1000) **7,680**
Ton-miles All Traffic (x1000) **1,049,328**
Total Trip-ton-miles Internal and Intraport (x1000) **6,599**

MANISTEE HARBOR, MI

Section Included: Entrance channel and entire area of Manistee Lake, including Filer City. Controlling Depths: 24 feet over the entrance bar, through the outer basin and in the channel between the piers; thence 23 feet in the river channel, narrowing to a minimum width of about 100 to 140 feet to Manistee Lake. Project Depths: 25 feet in the outer basin and 23 feet in the river to Manistee Lake. Navigation season: March 30 to December 31.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	1,227	2004	940	2007	510	2010	401
2002	1,457	2005	573	2008	511		
2003	1,175	2006	559	2009	531		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Canadian	Domestic	
		Inbound	Lakewise Receipts	
Total. all commodities	401	58	342	
Total coal	342	---	342	
1100 coal & lignite	342	---	---	342
Total crude materials, inedible except fuels	58	58	---	---
Subtotal soil, sand, gravel, rock and stone	6	6	---	---
4331 sand & gravel	6	6	---	---
Subtotal slag	12	12	---	---
4860 slag	12	12	---	---
Subtotal other non-metal. min.	40	40	---	---
4900 non-metal. min. nec	40	40	---	---

MUSKEGON HARBOR, MI

Section Included: Entrance channel and entire area of Muskegon Lake. Controlling Depths: 29.0 feet through the outer portion of project and 27 feet in channel to Muskegon Lake. Project Depth: Varying from 29.0 feet at harbor entrance to 28 feet between breakwaters and 27 feet in inner channel. Navigation season: April 7 to December 31.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	2,324	2004	2,684	2007	2,086	2010	1,479
2002	2,187	2005	2,063	2008	2,116		
2003	2,545	2006	2,230	2009	1,737		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Canadian	Domestic		
		Inbound	Total	Lakewise	
			Receipts	Shipments	
Total. all commodities	1,479	154	1,325	1,239	85
Total coal	870	---	870	870	---
1100 coal & lignite	870	---	870	870	---
Total crude materials, inedible except fuels	558	154	404	319	85
Subtotal soil, sand, gravel, rock and stone	329	20	309	309	---
4322 limestone	284	20	264	264	---

MUSKEGON HARBOR, MI
Freight Traffic, 2010 - continued
(thousand short tons)

Commodity	Grand Total	Canadian Inbound	Domestic		
			Total	Lakewise	
				Receipts	Shipments
4331 sand & gravel	45	—	45	45	—
Subtotal slag	95	—	95	10	85
4860 slag	95	—	95	10	85
Subtotal other non-metal. min.	134	134	—	—	—
4900 non-metal. min. nec	134	134	—	—	—
Total primary manufactured goods	51	—	51	51	—
Subtotal lime, cement and glass	51	—	51	51	—
5220 cement & concrete	51	—	51	51	—

GRAND HAVEN HARBOR AND GRAND RIVER, MI

Section Included: Entire harbor, including Ferrysburg and Spring Lake; and Grand River from Grand Trunk RY. Bridge at Ferrysburg to Bass River about 15 miles. Controlling Depths: 22 feet in entrance channel; 21 feet to the mouth of the south channel; 21 feet to the sag; 20 feet to Grand Trunk RY. Bridge at Ferrysburg; 18 feet in the Turning Basin; 17 feet in channel to Spring Lake; thence 8 feet to mile 17.0 and 5 feet to the end of the project. Project Depths: 23 feet in entrance channel; 21 feet to Ferrysburg; 18 feet in channel to Spring Lake; 8 feet to mouth of Bass River. Navigation season: March 1 to December 31.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	1,794	2004	1,757	2007	1,128	2010	763
2002	883	2005	1,475	2008	1,080		
2003	1,093	2006	988	2009	868		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Canadian	Domestic
		Inbound	Lakewise Receipts
Total. all commodities	763	67	696
Total coal	155	—	155
1100 coal & lignite	155	—	155
Total crude materials, inedible except fuels	539	67	472
Subtotal soil, sand, gravel, rock and stone	389	67	322
4322 limestone	283	32	250
4331 sand & gravel	106	35	72
Subtotal slag	151	—	151
4860 slag	151	—	151
Total primary manufactured goods	68	—	68
Subtotal lime, cement and glass	68	—	68
5210 lime	6	—	6
5220 cement & concrete	62	—	62
Subtotal primary non-ferrous metal products	1	—	1
5480 fab. metal products	1	—	1

ST. JOSEPH HARBOR, MI

Section Included: Entrance channel and lower portion of St. Joseph River to and including Benton Harbor Canal. Controlling Depth: 24 feet at entrance; 21 feet between entrance piers and in the river to the mouth of the Paw Paw River; with miscellaneous shoaling along the channel limits; 17 feet in the Turning Basin; and 16 feet at Benton Harbor Canal. Project Depths: 24 feet at entrance, and 21 feet in channel and river to the mouth of the Paw Paw River; 18 feet in turning basins and the Benton Harbor Canal. Navigation season: March 7 to December 31.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	1,015	2004	748	2007	637	2010	286
2002	602	2005	531	2008	358		
2003	738	2006	541	2009	427		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Canadian Inbound	Domestic			
			Total	Lakewise Receipts	Internal	
					Upbound	Downbnd
Total. all commodities	286	64	222	210	1	11
Total crude materials, inedible except fuels	167	64	102	96	1	5
Subtotal soil, sand, gravel, rock and stone	118	16	101	96	1	5
4322 limestone	113	11	101	96	1	5
4331 sand & gravel	5	5	—	—	—	—
Subtotal iron ore and scrap	1	—	1	—	1	—
4420 iron & steel scrap	1	—	1	—	1	—
Subtotal other non-metal. min.	48	48	—	—	—	—
4900 non-metal. min. nec	48	48	—	—	—	—
Total primary manufactured goods	120	—	120	114	—	6
Subtotal lime, cement and glass	114	—	114	114	—	—
5220 cement & concrete	114	—	114	114	—	—
Subtotal primary iron and steel products	6	—	6	—	—	6
5360 i&s bars & shapes	6	—	6	—	—	6

Tons All Traffic (x1000) 286
Total Trip-ton-miles Internal and Intraport (x1000) 13

MILWAUKEE HARBOR, WI

Section Included: Lake Approach Channel, outer harbor, Milwaukee River to Buffalo Street, lower 2 miles of Menomonee River, lower 2 miles of Kinnickinnic River and South Menomonee and Burnham Canals. Controlling and project depths: 30 feet in Lake Approach Channel, 28 feet in the entrance channel and the south outer harbor, 21 feet in the north outer harbor, 27 feet in the Kinnickinnic River to the Chicago and North Western Railway Bridge at mile 1.0, thence 21 feet to South Kinnickinnic Avenue Bridge; 27 feet in Milwaukee River to the Chicago and North Western Railway Bridge at mile 0.21, thence 21 feet to East Buffalo Street Bridge; 21 feet in Menomonee River and South Menomonee and Burnham Canals.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	3,373	2004	3,156	2007	4,019	2010	2,435
2002	3,127	2005	3,805	2008	3,240		
2003	3,002	2006	4,007	2009	3,381		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Inbound	Outbound	Inbound	Outbound	Total	Lakewise	
							Receipts	Shipments
Total all commodities	2,435	155	52	842	63	1,323	1,260	63
Total coal	491	—	—	—	—	491	491	—
1100 coal & lignite	491	—	—	—	—	491	491	—
Total petroleum and petroleum products	80	—	—	—	—	80	80	—
Subtotal petroleum products	80	—	—	—	—	80	80	—
2430 asphalt, tar & pitch	80	—	—	—	—	80	80	—
Total crude materials, inedible except fuels	1,063	—	—	842	—	221	158	63
Subtotal soil, sand, gravel, rock and stone	150	—	—	—	—	150	87	63
4322 limestone	144	—	—	—	—	144	87	57
4335 waterway improv. mat	6	—	—	—	—	6	—	6
Subtotal other non-metal. min.	912	—	—	842	—	71	71	—
4900 non-metal. min. nec	912	—	—	842	—	71	71	—
Total primary manufactured goods	681	150	—	—	—	531	531	—
Subtotal lime, cement and glass	531	—	—	—	—	531	531	—
5220 cement & concrete	531	—	—	—	—	531	531	—
Subtotal primary iron and steel products	142	142	—	—	—	—	—	—
5315 ferro alloys	4	4	—	—	—	—	—	—
5320 i&s primary forms	53	53	—	—	—	—	—	—
5330 i&s plates & sheets	66	66	—	—	—	—	—	—
5360 i&s bars & shapes	18	18	—	—	—	—	—	—
5370 i&s pipe & tube	1	1	—	—	—	—	—	—
Subtotal primary non-ferrous metal products	8	8	—	—	—	—	—	—
5480 fab. metal products	8	8	—	—	—	—	—	—
Total food and farm products	115	—	52	—	63	—	—	—
Subtotal grain	87	—	52	—	35	—	—	—
6344 corn	87	—	52	—	35	—	—	—
Subtotal oilseeds	28	—	—	—	28	—	—	—
6522 soybeans	28	—	—	—	28	—	—	—
Total all manufactured equipment, machinery and products	0	0	—	—	—	—	—	—
7110 machinery (not elec)	0	0	—	—	—	—	—	—
7120 electrical machinery	0	0	—	—	—	—	—	—
7900 manufac. prod. nec	0	0	—	—	—	—	—	—
Total unknown or not elsewhere classified	5	5	—	—	—	—	—	—
9900 unknown or nec	5	5	—	—	—	—	—	—

GREEN BAY HARBOR, WI

Section Included: Outer channel, channel through the city of Green Bay and upper river channel to city of De Pere. Controlling and project depths: 26 feet in outer channel to Grassy Island; 24 feet in the entrance channel and river channel to a point 1,700 feet upstream from the C. & N. W. R. R. Bridge; 24 feet in the turning basin at the mouth of the East River; 20 feet in the turning basin above the C. & N. W. R. R. Bridge; 18 feet in the upper river channel and turning basin at the city of De Pere.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	2,242	2004	2,361	2007	2,610	2010	1,910
2002	2,078	2005	2,728	2008	2,477		
2003	2,084	2006	2,618	2009	2,104		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Canadian	Domestic		
		Inbound	Total	Lakewise	
				Receipts	Shipments
Total all commodities	1,910	157	1,752	1,748	4
Total coal	663	—	663	663	—
1100 coal & lignite	663	—	663	663	—
Total petroleum and petroleum products	63	—	63	63	—
Subtotal petroleum products	63	—	63	63	—
2430 asphalt, tar & pitch	27	—	27	27	—
2540 petroleum coke	37	—	37	37	—
Total crude materials, inedible except fuels	862	115	748	748	—
Subtotal soil, sand, gravel, rock and stone	652	—	652	652	—
4322 limestone	647	—	647	647	—

GREEN BAY HARBOR, WI
Freight Traffic, 2010 - continued
(thousand short tons)

Commodity	Grand Total	Canadian		Domestic		
		Inbound	Outbound	Total	Lakewise	
				Receipts	Shipments	
4323 gypsum	5	—	—	5	5	—
Subtotal other non-metal. min.	210	115	—	95	95	—
4900 non-metal. min. nec	210	115	—	95	95	—
Total primary manufactured goods	321	43	—	278	274	4
Subtotal lime, cement and glass	278	—	—	278	274	4
5220 cement & concrete	278	—	—	278	274	4
5290 misc. mineral prod.	0	—	—	0	0	—
Subtotal primary iron and steel products	43	43	—	0	0	—
5312 pig iron	43	43	—	—	—	—
5330 i&s plates & sheets	0	—	—	0	0	—

ALPENA HARBOR, MI

Section Included: Lower 4,000 feet of river and private harbors north of mouth of Thunder Bay River. Controlling Depth: 21 feet in the bay section; 17 feet in river; 15 feet in turning basin. Project Depths: channel 21 feet deep from that depth in Thunder Bay to a point 2,500 feet lakeward of the lighthouse; thence 18.5 feet in river narrowing to 100-foot width at a point 700 feet upstream from the lighthouse; thence 100 feet wide and 18.5 feet deep to the Second Ave. Bridge; thence 18.5 feet deep and 75 feet wide to the upper limits of the project; a turning basin 15 feet deep by 3.7 acres at the upper end of project; and a turning basin 18.5 feet deep at the river mouth. Navigation season: March 15 to December 17.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	3,268	2004	3,275	2007	3,477	2010	2,148
2002	3,218	2005	3,229	2008	3,099		
2003	3,000	2006	3,330	2009	2,199		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Canadian		Domestic		
		Inbound	Outbound	Total	Lakewise	
				Receipts	Shipments	
Total. all commodities	2,148	88	132	1,928	376	1,553
Total coal	308	—	—	308	308	—
1100 coal & lignite	249	—	—	249	249	—
1200 coal coke	59	—	—	59	59	—
Total petroleum and petroleum products	54	—	—	54	54	—
Subtotal petroleum products	54	—	—	54	54	—
2540 petroleum coke	54	—	—	54	54	—
Total chemicals and related products	17	17	—	—	—	—
Subtotal fertilizers	17	17	—	—	—	—
3130 potassic fert.	17	17	—	—	—	—
Total crude materials, inedible except fuels	90	71	19	—	—	—
Subtotal soil, sand, gravel, rock and stone	19	—	19	—	—	—
4322 limestone	19	—	19	—	—	—
Subtotal other non-metal. min.	71	71	—	—	—	—
4900 non-metal. min. nec	71	71	—	—	—	—
Total primary manufactured goods	1,680	—	113	1,567	14	1,553
Subtotal lime, cement and glass	1,665	—	113	1,553	—	1,553
5220 cement & concrete	1,665	—	113	1,553	—	1,553
Subtotal primary non-ferrous metal products	14	—	—	14	14	—
5480 fab. metal products	14	—	—	14	14	—

MENOMINEE HARBOR AND RIVER, MI AND WI

Section Included: Entrance channel and lower 2.0 miles of Menominee River. Controlling and project depths: 20 feet controlling depth, 23 feet project depth in the Approach Channel; 18 feet controlling depth, 21 feet project depth in the entrance and river channels, 19 feet in the river adjacent to the Marinette Marine Corp., 12 feet to the end of the project, and 18.5 feet controlling depth, 21 feet project depth in the Turning Basin.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	196	2004	401	2007	308	2010	366
2002	429	2005	342	2008	274		
2003	356	2006	411	2009	267		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Foreign	Canadian	Domestic		
		Inbound	Inbound	Total	Lakewise	
				Receipts	Shipments	
Total. all commodities	366	18	124	224	187	36
Total coal	102	—	—	102	102	—
1100 coal & lignite	102	—	—	102	102	—
Total crude materials, inedible except fuels	60	—	25	35	5	30
Subtotal soil, sand, gravel, rock and stone	35	—	—	35	5	30
4322 limestone	14	—	—	14	5	9
4335 waterway improv. mat	21	—	—	21	—	21
Subtotal other non-metal. min.	25	—	25	—	—	—
4900 non-metal. min. nec	25	—	25	—	—	—
Total primary manufactured goods	204	17	99	87	81	7
Subtotal primary iron and steel products	161	17	56	87	81	7
5312 pig iron	161	17	56	87	81	7

MENOMINEE HARBOR AND RIVER, MI AND WI
Freight Traffic, 2010 - continued
(thousand short tons)

Commodity	Grand Total	Foreign	Canadian	Domestic		
		Inbound	Inbound	Total	Lakewise	
				Receipts	Shipments	
Subtotal primary non-ferrous metal products	43	---	43	---	---	---
5480 fab. metal products	43	---	43	---	---	---
Total all manufactured equipment, machinery and products	0	0	---	---	---	---
7110 machinery (not elec)	0	0	---	---	---	---

SAGINAW RIVER, MI

Section Included: From the mouth of the river up to and including Saginaw, Michigan. Controlling Depths: 27 feet from the 25 foot contour in Saginaw Bay to 26 feet at the river mouth, 4 feet miscellaneous shoaling along channel limits; thence 24 feet to the Grand Trunk R.R. Bridge; thence 22 feet to the C&O R.R. Bridge in Saginaw, Michigan; thence 14 feet to the Holland Street Bridge; thence about 7 feet over a width of 100 feet upstream to Green Point (this section not maintained). Controlling depths in turning basins are: Essexville - 23 feet north side, 22 feet south side; Airport - 21 feet; Carrollton - 19 feet; Sixth Street - 20 feet; basin at 19 mile point - 15 feet. Project Depths: 27 feet from the deep water in Saginaw Bay to the river mouth; thence 26 feet for 0.4 mile; thence 25 feet to the Grand Trunk R.R. Bridge; thence 22 feet to the C&O R.R. Bridge in Saginaw; thence 16.5 feet to the upstream limits at Green Point. 20 and 25 feet in Essexville Turning Basin; 22 feet in the Airport turning basin; 20 feet in the Carrollton Turning Basin; 20 feet in the Sixth Street Turning Basin and 15 feet in the Turning Basin at the 19 mile point. Navigation season: March 24 to December 31.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	5,839	2004	5,516	2007	4,335	2010	2,521
2002	5,819	2005	5,625	2008	3,681		
2003	5,404	2006	4,160	2009	2,915		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Canadian	Domestic		
		Inbound	Total	Lakewise	
			Receipts	Shipments	
Total. all commodities	2,521	409	2,112	2,107	5
Total coal	600	---	600	600	---
1100 coal & lignite	600	---	600	600	---
Total petroleum and petroleum products	69	---	69	69	---
Subtotal petroleum products	69	---	69	69	---
2430 asphalt, tar & pitch	69	---	69	69	---
Total chemicals and related products	64	64	---	---	---
Subtotal fertilizers	64	64	---	---	---
3130 potassic fert.	64	64	---	---	---
Total crude materials, inedible except fuels	1,730	309	1,422	1,417	5
Subtotal soil, sand, gravel, rock and stone	1,575	191	1,384	1,379	5
4322 limestone	1,491	118	1,374	1,374	---
4323 gypsum	5	---	5	---	5
4331 sand & gravel	78	73	5	5	---
Subtotal slag	47	47	---	---	---
4860 slag	47	47	---	---	---
Subtotal other non-metal. min.	108	70	38	38	---
4900 non-metal. min. nec	108	70	38	38	---
Total primary manufactured goods	50	29	21	21	---
Subtotal lime, cement and glass	50	29	21	21	---
5210 lime	2	---	2	2	---
5220 cement & concrete	48	29	19	19	---
Total unknown or not elsewhere classified	8	8	---	---	---
9900 unknown or nec	8	8	---	---	---

ST. CLAIR RIVER, MI

Section Included: Entire length of St. Clair River and Black River up to Washington Avenue in Port Huron. Controlling Depths: 27 to 30 feet in St. Clair River at Port Huron and 20 feet in Black River.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	79,143	2004	78,241	2007	73,087	2010	60,602
2002	79,341	2005	77,321	2008	65,010		
2003	68,067	2006	77,481	2009	46,081		

Freight Traffic, 2010 (thousand short tons)

Commodity	Total	Foreign		Canadian		
		Through		Inbound	Through	
		Upbound	Downbnd		Upbound	Downbnd
Total. all commodities	23,420	659	1,711	253	4,423	16,375
Total coal	5,977	---	78	---	1,784	4,115
1100 coal & lignite	5,679	---	56	---	1,742	3,881
1200 coal coke	298	---	22	---	42	234
Total petroleum and petroleum products	1,781	1	91	---	149	1,540
Subtotal crude petroleum	38	---	---	---	---	38
2100 crude petroleum	38	---	---	---	---	38
Subtotal petroleum products	1,744	1	91	---	149	1,502
2211 gasoline	146	---	---	---	69	77
2330 distillate fuel oil	273	---	---	---	67	206
2340 residual fuel oil	102	---	---	---	---	102

ST. CLAIR RIVER, MI
Freight Traffic, 2010 - continued
(thousand short tons)

Commodity	Total	Foreign		Inbound	Canadian	
		Through			Through	
		Upbound	Downbnd		Upbound	Downbnd
2429 naphtha & solvents	14	—	—	—	14	—
2540 petroleum coke	1,209	1	91	—	—	1,117
Total chemicals and related products	197	13	—	—	32	152
Subtotal fertilizers	138	12	—	—	32	95
3110 nitrogenous fert.	26	12	—	—	15	—
3130 potassic fert.	111	—	—	—	17	95
Subtotal other chemicals and related products	59	1	—	—	0	58
3211 acyclic hydrocarbons	8	—	—	—	—	8
3220 alcohols	0	0	—	—	—	—
3240 nitrogen func. comp.	1	1	—	—	—	—
3260 organic comp. nec	0	0	—	—	—	—
3275 inorg. elem., oxides, & halogen salts	0	0	—	—	—	—
3276 metallic salts	35	—	—	—	—	35
3282 pigments & paints	15	0	—	—	0	15
3286 plastics	0	0	—	—	—	—
3292 starches, gluten, glue	0	0	—	—	—	—
3299 chem. products nec	0	—	—	—	—	0
Total crude materials, inedible except fuels	11,454	90	474	253	2,119	8,519
Subtotal forest products, wood and chips	59	—	—	—	1	58
4189 lumber	59	—	—	—	1	58
Subtotal pulp and waste paper	0	—	—	—	0	—
4225 pulp & waste paper	0	—	—	—	0	—
Subtotal soil, sand, gravel, rock and stone	3,176	—	85	235	167	2,689
4310 building stone	0	—	—	—	—	0
4322 limestone	2,776	—	—	235	64	2,477
4323 gypsum	37	—	—	—	37	—
4331 sand & gravel	363	—	85	—	66	212
Subtotal iron ore and scrap	5,850	—	337	—	604	4,909
4410 iron ore	5,850	—	337	—	604	4,909
Subtotal non-ferrous ores and scrap	86	—	—	—	86	—
4650 aluminum ore	86	—	—	—	86	—
Subtotal sulphur, clay and salt	77	—	52	—	—	25
4782 clay & refrac. mat.	77	—	52	—	—	25
Subtotal slag	239	—	—	—	—	239
4860 slag	239	—	—	—	—	239
Subtotal other non-metal. min.	1,967	90	—	18	1,262	598
4900 non-metal. min. nec	1,967	90	—	18	1,262	598
Total primary manufactured goods	1,901	487	15	—	302	1,097
Subtotal lime, cement and glass	1,127	—	15	—	124	988
5210 lime	6	—	—	—	—	6
5220 cement & concrete	1,093	—	—	—	124	969
5290 misc. mineral prod.	29	—	15	—	0	14
Subtotal primary iron and steel products	661	424	—	—	135	101
5312 pig iron	153	38	—	—	115	—
5315 ferro alloys	28	28	—	—	—	—
5320 i&s primary forms	273	152	—	—	20	101
5330 i&s plates & sheets	151	150	—	—	—	1
5360 i&s bars & shapes	52	52	—	—	—	—
5370 i&s pipe & tube	3	3	—	—	—	—
Subtotal primary non-ferrous metal products	113	63	—	—	43	7
5480 fab. metal products	113	63	—	—	43	7
Total food and farm products	2,007	—	1,052	—	12	942
Subtotal grain	1,762	—	846	—	12	904
6241 wheat	1,448	—	772	—	—	675
6344 corn	144	—	52	—	—	93
6443 barley & rye	34	—	22	—	12	—
6445 oats	136	—	—	—	—	136
Subtotal oilseeds	50	—	23	—	—	28
6522 soybeans	28	—	—	—	—	28
6534 flaxseed	23	—	23	—	—	—
Subtotal vegetable products	42	—	31	—	—	11
6653 vegetable oils	42	—	31	—	—	11
Subtotal processed grain and animal feed	152	—	152	—	—	—
6747 grain mill products	19	—	19	—	—	—
6782 animal feed, prep.	133	—	133	—	—	—
Subtotal other agricultural products	0	—	—	—	0	0
6835 fish, prepared	0	—	—	—	—	0
6857 fruit & nuts nec	0	—	—	—	0	—
6889 food products nec	0	—	—	—	0	—
Total all manufactured equipment, machinery and products	70	40	—	—	24	5
7110 machinery (not elec)	42	24	—	—	16	2
7120 electrical machinery	3	3	—	—	—	—
7210 vehicles & parts	5	—	—	—	3	1
7230 ships & boats	0	0	—	—	—	—
7400 manufac. wood prod.	1	1	—	—	—	—
7600 rubber & plastic pr.	10	3	—	—	5	2
7900 manufac. prod. nec	9	9	—	—	0	—
Total unknown or not elsewhere classified	33	29	—	—	0	4
9900 unknown or nec	33	29	—	—	0	4
Ton-miles (x1000)	908,785	25,709	66,719	5,261	172,481	638,614
Foreign & Canadian						

ST. CLAIR RIVER, MI
Freight Traffic, 2010 - continued
(thousand short tons)

Commodity	Total	Domestic					
		Lakewise				Internal	
		Receipts	Shipments	Through		Through	
Upbound	Downbnd			Upbound	Downbnd		
Total all commodities	37,182	8,594	179	2,429	25,976	2	2
Total coal	11,517	7,894	166	1,640	1,816	---	---
1100 coal & lignite	11,496	7,894	166	1,640	1,795	---	---
1200 coal coke	21	---	---	---	21	---	---
Total petroleum and petroleum products	172	---	---	34	138	---	---
Subtotal petroleum products	172	---	---	34	138	---	---
2340 residual fuel oil	81	---	---	22	59	---	---
2430 asphalt, tar & pitch	72	---	---	12	60	---	---
2540 petroleum coke	19	---	---	---	19	---	---
Total crude materials, inedible except fuels	24,551	700	13	754	23,084	---	---
Subtotal soil, sand, gravel, rock and stone	6,179	689	13	4	5,474	---	---
4322 limestone	5,964	689	13	---	5,263	---	---
4331 sand & gravel	215	---	---	4	211	---	---
Subtotal iron ore and scrap	17,848	---	---	284	17,563	---	---
4410 iron ore	17,848	---	---	284	17,563	---	---
Subtotal slag	44	11	---	---	32	---	---
4860 slag	44	11	---	---	32	---	---
Subtotal other non-metal. min.	480	---	---	466	14	---	---
4900 non-metal. min. nec	480	---	---	466	14	---	---
Total primary manufactured goods	637	---	---	---	634	2	2
Subtotal lime, cement and glass	637	---	---	---	634	2	2
5220 cement & concrete	637	---	---	---	634	2	2
Total food and farm products	305	---	---	---	305	---	---
Subtotal grain	305	---	---	---	305	---	---
6241 wheat	80	---	---	---	80	---	---
6447 sorghum grains	224	---	---	---	224	---	---
Ton-miles (x1000)	1,238,283	125,977	4,377	94,731	1,013,079	59	59
Domestic							
Tons All Traffic (x1000)	60,602						
Ton-miles All Traffic (x1000)	2,147,067						
Total Trip-ton-miles Internal and Intraport (x1000)	6,599						

MARYSVILLE, MI (INCLUDED IN ST. CLAIR RIVER)

Section Included: West bank of St. Clair River at Marysville, MI. Controlling Depth: 27.4 feet. Project Depth: at low-water datum; 27.4 feet to and from Lake Huron; 27.1 feet downbound to Lake St. Clair.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	1,503	2004	1,362	2007	887	2010	435
2002	1,323	2005	1,259	2008	730		
2003	1,213	2006	1,316	2009	528		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Canadian	Domestic
		Inbound	Lakewise Receipts
Total all commodities	435	109	326
Total coal	73	---	73
1100 coal & lignite	73	---	73
Total crude materials, inedible except fuels	363	109	253
Subtotal soil, sand, gravel, rock and stone	351	109	242
4322 limestone	351	109	242
Subtotal slag	11	---	11
4860 slag	11	---	11

ST. CLAIR, MI (INCLUDED IN ST. CLAIR RIVER)

Section Included: West bank of St. Clair River at St. Clair, MI Controlling Depth: 27.3 feet. Project Depth: 27.3 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	4,818	2004	5,281	2007	4,478	2010	7,988
2002	4,506	2005	4,151	2008	7,880		
2003	4,254	2006	4,901	2009	8,074		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Lakewise	
		Receipts	Shipments
Total all commodities	7,988	7,822	166
Total coal	7,988	7,822	166
1100 coal & lignite	7,988	7,822	166

MARINE CITY, MI (INCLUDED IN ST. CLAIR RIVER)

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	3,896	2004	4,077	2007	4,100	2010	585
2002	3,713	2005	4,225	2008	1,010		
2003	3,585	2006	4,019	2009	478		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Canadian		Domestic	
		Inbound	Total	Lakewise	
				Receipts	Shipments
Total. all commodities	585	126	460	447	13
Total crude materials, inedible except fuels	585	126	460	447	13
Subtotal soil, sand, gravel, rock and stone	585	126	460	447	13
4322 limestone	585	126	460	447	13

CHANNELS IN LAKE ST. CLAIR

Section Included: Improved ship channels connecting St. Clair River and Detroit River across Lake St. Clair, entrance channels to mouth of Clinton River and the Canadian channel to the mouth of the Thames River. Controlling Depths: 27.0 feet in the main channel with 8 feet in channel to Clinton River. Project Depths: 27.5 feet in main channel and 8 feet in Clinton River channel.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	68,035	2004	66,558	2007	63,205	2010	51,359
2002	68,697	2005	66,767	2008	54,933		
2003	58,004	2006	67,007	2009	36,465		

Freight Traffic, 2010 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Through		Through	
		Upbound	Downbnd	Upbound	Downbnd
Total. all commodities	22,325	659	1,711	4,361	15,594
Total coal	5,977	—	78	1,784	4,115
1100 coal & lignite	5,679	—	56	1,742	3,881
1200 coal coke	298	—	22	42	234
Total petroleum and petroleum products	1,662	1	91	39	1,531
Subtotal crude petroleum	38	—	—	—	38
2100 crude petroleum	38	—	—	—	38
Subtotal petroleum products	1,624	1	91	39	1,493
2211 gasoline	93	—	—	25	68
2330 distillate fuel oil	206	—	—	—	206
2340 residual fuel oil	102	—	—	—	102
2429 naphtha & solvents	14	—	—	14	—
2540 petroleum coke	1,209	1	91	—	1,117
Total chemicals and related products	197	13	—	32	152
Subtotal fertilizers	138	12	—	32	95
3110 nitrogenous fert.	26	12	—	15	—
3130 potassic fert.	111	—	—	17	95
Subtotal other chemicals and related products	59	1	—	0	58
3211 acyclic hydrocarbons	8	—	—	—	8
3220 alcohols	0	0	—	—	—
3240 nitrogen func. comp.	1	1	—	—	—
3260 organic comp. nec	0	0	—	—	—
3275 inorg. elem., oxides, & halogen salts	0	0	—	—	—
3276 metallic salts	35	—	—	—	35
3282 pigments & paints	15	0	—	0	15
3286 plastics	0	0	—	—	—
3292 starches, gluten, glue	0	0	—	—	—
3299 chem. products nec	0	—	—	—	0
Total crude materials, inedible except fuels	10,479	90	474	2,167	7,748
Subtotal forest products, wood and chips	59	—	—	1	58
4189 lumber	59	—	—	1	58
Subtotal pulp and waste paper	0	—	—	0	—
4225 pulp & waste paper	0	—	—	0	—
Subtotal soil, sand, gravel, rock and stone	2,261	—	85	227	1,949
4310 building stone	0	—	—	—	0
4322 limestone	1,861	—	—	124	1,737
4323 gypsum	37	—	—	37	—
4331 sand & gravel	363	—	85	66	212
Subtotal iron ore and scrap	5,819	—	337	604	4,878
4410 iron ore	5,819	—	337	604	4,878
Subtotal non-ferrous ores and scrap	86	—	—	86	—
4650 aluminum ore	86	—	—	86	—
Subtotal sulphur, clay and salt	77	—	52	—	25
4782 clay & refrac. mat.	77	—	52	—	25
Subtotal slag	239	—	—	—	239
4860 slag	239	—	—	—	239
Subtotal other non-metal. min.	1,938	90	—	1,251	598
4900 non-metal. min. nec	1,938	90	—	1,251	598
Total primary manufactured goods	1,901	487	15	302	1,097
Subtotal lime, cement and glass	1,127	—	15	124	988
5210 lime	6	—	—	—	6
5220 cement & concrete	1,093	—	—	124	969

CHANNELS IN LAKE ST. CLAIR
Freight Traffic, 2010 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Through		Through	
		Upbound	Downbnd	Upbound	Downbnd
5290 misc. mineral prod.	29	—	15	0	14
Subtotal primary iron and steel products	661	424	—	135	101
5312 pig iron	153	38	—	115	—
5315 ferro alloys	28	28	—	—	—
5320 i&s primary forms	273	152	—	20	101
5330 i&s plates & sheets	151	150	—	—	1
5360 i&s bars & shapes	52	52	—	—	—
5370 i&s pipe & tube	3	3	—	—	—
Subtotal primary non-ferrous metal products	113	63	—	43	7
5480 fab. metal products	113	63	—	43	7
Total food and farm products	2,007	—	1,052	12	942
Subtotal grain	1,762	—	846	12	904
6241 wheat	1,448	—	772	—	675
6344 corn	144	—	52	—	93
6443 barley & rye	34	—	22	12	—
6445 oats	136	—	—	—	136
Subtotal oilseeds	50	—	23	—	28
6522 soybeans	28	—	—	—	28
6534 flaxseed	23	—	23	—	—
Subtotal vegetable products	42	—	31	—	11
6653 vegetable oils	42	—	31	—	11
Subtotal processed grain and animal feed	152	—	152	—	—
6747 grain mill products	19	—	19	—	—
6782 animal feed, prep.	133	—	133	—	—
Subtotal other agricultural products	0	—	—	0	0
6835 fish, prepared	0	—	—	—	0
6857 fruit & nuts nec	0	—	—	0	—
6889 food products nec	0	—	—	0	—
Total all manufactured equipment, machinery and products	70	40	—	24	5
7110 machinery (not elec)	42	24	—	16	2
7120 electrical machinery	3	3	—	—	—
7210 vehicles & parts	5	—	—	3	1
7230 ships & boats	0	0	—	—	—
7400 manufac. wood prod.	1	1	—	—	—
7600 rubber & plastic pr.	10	3	—	5	2
7900 manufac. prod. nec	9	9	—	0	—
Total unknown or not elsewhere classified	33	29	—	0	4
9900 unknown or nec	33	29	—	0	4
Ton-miles (x1000)	401,848	11,866	30,793	78,491	280,698
Foreign & Canadian					

Commodity	Total	Domestic			
		Lakewise		Internal	
		Through		Through	
		Upbound	Downbnd	Upbound	Downbnd
Total all commodities	29,034	2,875	26,156	2	2
Total coal	3,753	1,771	1,982	—	—
1100 coal & lignite	3,732	1,771	1,961	—	—
1200 coal coke	21	—	21	—	—
Total petroleum and petroleum products	172	34	138	—	—
Subtotal petroleum products	172	34	138	—	—
2340 residual fuel oil	81	22	59	—	—
2430 asphalt, tar & pitch	72	12	60	—	—
2540 petroleum coke	19	—	19	—	—
Total crude materials, inedible except fuels	24,167	1,070	23,097	—	—
Subtotal soil, sand, gravel, rock and stone	5,795	308	5,487	—	—
4322 limestone	5,580	305	5,276	—	—
4331 sand & gravel	215	4	211	—	—
Subtotal iron ore and scrap	17,848	284	17,563	—	—
4410 iron ore	17,848	284	17,563	—	—
Subtotal slag	44	11	32	—	—
4860 slag	44	11	32	—	—
Subtotal other non-metal. min.	480	466	14	—	—
4900 non-metal. min. nec	480	466	14	—	—
Total primary manufactured goods	637	—	634	2	2
Subtotal lime, cement and glass	637	—	634	2	2
5220 cement & concrete	637	—	634	2	2
Total food and farm products	305	—	305	—	—
Subtotal grain	305	—	305	—	—
6241 wheat	80	—	80	—	—
6447 sorghum grains	224	—	224	—	—
Ton-miles (x1000)	522,610	51,755	470,800	27	27
Domestic					
Tons All Traffic (x1000)	51,359				
Ton-miles All Traffic (x1000)	924,458				
Total Trip-ton-miles Internal and Intraport (x1000)	6,599				

DETROIT RIVER, MI

Section Included: Entire length of Detroit River and Rouge River to head of project. Controlling Depths: 25 to 28.5 feet and 21 to 25 feet, respectively with 5 feet of shoaling along the channel limits of the lower Livingstone and east outer channel and with project depth in the regularly traveled shipping lanes.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	74,278	2004	72,458	2007	68,762	2010	55,232
2002	74,653	2005	71,915	2008	59,741		
2003	63,961	2006	72,729	2009	40,168		

Freight Traffic, 2010 (thousand short tons)

Commodity	Total	Foreign				Canadian			
		Inbound	Outbound	Through		Inbound	Outbound	Through	
				Upbound	Downbnd			Upbound	Downbnd
Total. all commodities	24,477	122	29	659	1,711	2,292	171	5,334	14,160
Total coal	6,329	---	22	---	78	430	17	2,086	3,697
1100 coal & lignite	5,998	---	---	---	56	418	17	2,044	3,463
1200 coal coke	332	---	22	---	22	12	---	42	234
Total petroleum and petroleum products	1,829	---	6	1	91	254	154	45	1,276
Subtotal crude petroleum	38	---	---	---	---	---	---	---	38
2100 crude petroleum	38	---	---	---	---	---	---	---	38
Subtotal petroleum products	1,791	---	6	1	91	254	154	45	1,239
2211 gasoline	93	---	---	---	---	---	---	25	68
2330 distillate fuel oil	206	---	---	---	---	---	---	---	206
2340 residual fuel oil	102	---	---	---	---	87	---	---	14
2429 naphtha & solvents	14	---	---	---	---	---	---	14	---
2540 petroleum coke	1,377	---	6	1	91	167	154	6	950
Total chemicals and related products	197	---	---	13	---	---	---	32	152
Subtotal fertilizers	138	---	---	12	---	---	---	32	95
3110 nitrogenous fert.	26	---	---	12	---	---	---	15	---
3130 potassic fert.	111	---	---	---	---	---	---	17	95
Subtotal other chemicals and related products	59	---	---	1	---	---	---	0	58
3211 acyclic hydrocarbons	8	---	---	---	---	---	---	---	8
3220 alcohols	0	---	---	0	---	---	---	---	---
3240 nitrogen func. comp.	1	---	---	1	---	---	---	---	---
3260 organic comp. nec	0	---	---	0	---	---	---	---	---
3275 inorg. elem., oxides, & halogen salts	0	---	---	0	---	---	---	---	---
3276 metallic salts	35	---	---	---	---	---	---	---	35
3282 pigments & paints	15	---	---	0	---	---	---	0	15
3286 plastics	0	---	---	0	---	---	---	---	---
3292 starches, gluten, glue	0	---	---	0	---	---	---	---	---
3299 chem. products nec	0	---	---	---	---	---	---	---	0
Total crude materials, inedible except fuels	11,850	---	---	90	474	834	---	2,832	7,619
Subtotal forest products, wood and chips	59	---	---	---	---	---	---	1	58
4189 lumber	59	---	---	---	---	---	---	1	58
Subtotal pulp and waste paper	0	---	---	---	---	---	---	0	---
4225 pulp & waste paper	0	---	---	---	---	---	---	0	---
Subtotal soil, sand, gravel, rock and stone	3,015	---	---	---	85	190	---	865	1,875
4310 building stone	0	---	---	---	---	---	---	---	0
4322 limestone	2,416	---	---	---	---	190	---	563	1,663
4323 gypsum	37	---	---	---	---	---	---	37	---
4331 sand & gravel	562	---	---	---	85	---	---	265	212
Subtotal iron ore and scrap	5,843	---	---	---	337	---	---	627	4,878
4410 iron ore	5,843	---	---	---	337	---	---	627	4,878
Subtotal non-ferrous ores and scrap	86	---	---	---	---	---	---	86	---
4650 aluminum ore	86	---	---	---	---	---	---	86	---
Subtotal sulphur, clay and salt	77	---	---	---	52	---	---	---	25
4782 clay & refrac. mat.	77	---	---	---	52	---	---	---	25
Subtotal slag	392	---	---	---	---	363	---	---	29
4860 slag	392	---	---	---	---	363	---	---	29
Subtotal other non-metal. min.	2,378	---	---	90	---	281	---	1,254	754
4900 non-metal. min. nec	2,378	---	---	90	---	281	---	1,254	754
Total primary manufactured goods	2,133	92	---	487	15	773	---	302	464
Subtotal lime, cement and glass	1,160	---	---	---	15	573	---	124	448
5210 lime	6	---	---	---	---	---	---	---	6
5220 cement & concrete	1,126	---	---	---	---	573	---	124	429
5290 misc. mineral prod.	29	---	---	---	15	---	---	0	14
Subtotal primary iron and steel products	759	90	---	424	---	100	---	135	10
5312 pig iron	153	---	---	38	---	---	---	115	---
5315 ferro alloys	28	---	---	28	---	---	---	---	---
5320 i&s primary forms	308	26	---	152	---	100	---	20	10
5330 i&s plates & sheets	175	24	---	150	---	1	---	---	---
5360 i&s bars & shapes	92	39	---	52	---	---	---	---	---

DETROIT RIVER, MI
Freight Traffic, 2010 - continued
(thousand short tons)

Commodity	Total	Foreign				Canadian			
		Inbound	Outbound	Through		Inbound	Outbound	Through	
				Upbound	Downbnd			Upbound	Downbnd
5370 i&s pipe & tube	3	—	—	3	—	—	—	—	—
5390 primary i&s nec	0	0	—	—	—	—	—	—	—
Subtotal primary non-ferrous metal products	213	2	—	63	—	100	—	43	6
5422 aluminum	98	—	—	—	—	98	—	—	—
5480 fab. metal products	115	2	—	63	—	2	—	43	6
Total food and farm products	2,007	—	—	—	1,052	—	—	12	942
Subtotal grain	1,762	—	—	—	846	—	—	12	904
6241 wheat	1,448	—	—	—	772	—	—	—	675
6344 corn	144	—	—	—	52	—	—	—	93
6443 barley & rye	34	—	—	—	22	—	—	12	—
6445 oats	136	—	—	—	—	—	—	—	136
Subtotal oilseeds	50	—	—	—	23	—	—	—	28
6522 soybeans	28	—	—	—	—	—	—	—	28
6534 flaxseed	23	—	—	—	23	—	—	—	—
Subtotal vegetable products	42	—	—	—	31	—	—	—	11
6653 vegetable oils	42	—	—	—	31	—	—	—	11
Subtotal processed grain and animal feed	152	—	—	—	152	—	—	—	—
6747 grain mill products	19	—	—	—	19	—	—	—	—
6782 animal feed, prep.	133	—	—	—	133	—	—	—	—
Subtotal other agricultural products	0	—	—	—	—	—	—	0	0
6835 fish, prepared	0	—	—	—	—	—	—	—	0
6857 fruit & nuts nec	0	—	—	—	—	—	—	0	—
6889 food products nec	0	—	—	—	—	—	—	0	—
Total all manufactured equipment, machinery and products	80	10	—	40	—	0	—	24	5
7110 machinery (not elec)	43	1	—	24	—	0	—	16	2
7120 electrical machinery	12	9	—	3	—	—	—	—	—
7210 vehicles & parts	5	—	—	—	—	—	—	3	1
7230 ships & boats	0	0	—	0	—	—	—	—	—
7400 manufac. wood prod.	1	0	—	1	—	—	—	—	—
7600 rubber & plastic pr.	10	—	—	3	—	—	—	5	2
7900 manufac. prod. nec	9	—	—	9	—	—	—	0	—
Total unknown or not elsewhere classified	53	20	—	29	—	—	—	0	4
9900 unknown or nec	53	20	—	29	—	—	—	0	4
Ton-miles	725,359	2,542	527	20,435	53,033	41,373	3,147	165,350	438,951
Foreign & Canadian (x1000)									

Commodity	Total	Lakewise			
		Receipts	Shipments	Through	
				Upbound	Downbnd
Total. all commodities	30,685	10,253	473	2,674	17,284
Total coal	4,949	1,234	49	1,771	1,896
1100 coal & lignite	4,895	1,234	16	1,771	1,875
1200 coal coke	53	—	32	—	21
Total petroleum and petroleum products	358	6	197	18	138
Subtotal petroleum products	358	6	197	18	138
2340 residual fuel oil	81	—	4	18	59
2430 asphalt, tar & pitch	258	6	193	—	60
2540 petroleum coke	19	—	—	—	19
Total crude materials, inedible except fuels	24,439	8,686	228	886	14,640
Subtotal soil, sand, gravel, rock and stone	5,833	1,025	18	308	4,482
4322 limestone	5,618	1,015	18	305	4,280
4331 sand & gravel	215	10	—	4	201
Subtotal iron ore and scrap	17,994	7,572	210	100	10,112
4410 iron ore	17,994	7,572	210	100	10,112
Subtotal slag	44	—	—	11	32
4860 slag	44	—	—	11	32
Subtotal other non-metal. min.	569	89	—	466	14
4900 non-metal. min. nec	569	89	—	466	14
Total primary manufactured goods	634	328	—	—	306
Subtotal lime, cement and glass	634	328	—	—	306
5220 cement & concrete	634	328	—	—	306
Total food and farm products	305	—	—	—	305
Subtotal grain	305	—	—	—	305
6241 wheat	80	—	—	—	80
6447 sorghum grains	224	—	—	—	224
Ton-miles (x1000)	825,591	199,127	7,742	82,909	535,813
Lakewise					

DETROIT RIVER, MI
Freight Traffic, 2010 - continued
(thousand short tons)

Commodity	Total	Internal			
		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	70	2	2	31	36
Total petroleum and petroleum products	67	—	—	31	36
Subtotal petroleum products	67	—	—	31	36
2330 distillate fuel oil	11	—	—	11	—
2340 residual fuel oil	34	—	—	20	13
2430 asphalt, tar & pitch	22	—	—	—	22
Total primary manufactured goods	3	2	2	—	—
Subtotal lime, cement and glass	3	2	2	—	—
5220 cement & concrete	3	2	2	—	—
Ton-miles (x1000)	522	47	47	31	397
Internal					
Tons All Traffic (x1000)	55,232				
Ton-miles All Traffic (x1000)	1,551,473				
Total Trip-ton-miles Internal and Intraport (x1000)	6,666				

DETROIT HARBOR, MI (INCLUDED IN PORT OF DETROIT)

Section Included: U.S. bank of Detroit River from Lake St. Clair to western extreme of Zug Island. Controlling Depth: Channel north of Belle Isle 21 feet, remainder of river 25-28.5 feet. Project Depth: 28.5 feet except channel north of Belle Isle, 21 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	6,053	2004	4,499	2007	5,812	2010	5,176
2002	5,810	2005	5,705	2008	4,909		
2003	3,770	2006	6,250	2009	2,603		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Foreign	Canadian	Domestic		
		Inbound	Inbound	Total	Lakewise	Internal
				Receipts	Shipments	Shipments
Total, all commodities	5,176	2	506	4,668	4,568	83
Total coal	652	—	339	314	314	—
1100 coal & lignite	640	—	327	314	314	—
1200 coal coke	12	—	12	—	—	—
Total petroleum and petroleum products	45	—	24	20	—	4
Subtotal petroleum products	45	—	24	20	—	4
2340 residual fuel oil	17	—	—	17	—	4
2430 asphalt, tar & pitch	3	—	—	3	—	—
2540 petroleum coke	24	—	24	—	—	3
Total crude materials, inedible except fuels	4,462	—	127	4,334	4,255	79
Subtotal soil, sand, gravel, rock and stone	129	—	30	99	99	—
4322 limestone	129	—	30	99	99	—
Subtotal iron ore and scrap	4,147	—	—	4,147	4,067	79
4410 iron ore	4,147	—	—	4,147	4,067	79
Subtotal slag	61	—	61	—	—	—
4860 slag	61	—	61	—	—	—
Subtotal other non-metal. min.	125	—	36	89	89	—
4900 non-metal. min. nec	125	—	36	89	89	—
Total primary manufactured goods	15	—	15	—	—	—
Subtotal lime, cement and glass	3	—	3	—	—	—
5220 cement & concrete	3	—	3	—	—	—
Subtotal primary iron and steel products	6	—	6	—	—	—
5320 i&s primary forms	6	—	6	—	—	—
Subtotal primary non-ferrous metal products	6	—	6	—	—	—
5422 aluminum	6	—	6	—	—	—
Total all manufactured equipment, machinery and products	2	2	—	—	—	—
7120 electrical machinery	2	2	—	—	—	—

ROUGE RIVER, MI (INCLUDED IN PORT OF DETROIT)

Section Included: From the mouth of the Short Cut Canal to the Ford Motor Company. Controlling Depth: 20 feet for a minimum width of 100 feet from the mouth of the short cut to Dix Avenue Bridge, with the exception of some shoal areas, and 20 feet in the turning basin, except near the shore. Project Depth: 21.0 feet from mouth of Short Cut Canal to and including the turning basin in main channel.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	10,036	2004	11,170	2007	8,374	2010	7,015
2002	10,018	2005	11,020	2008	7,487		
2003	9,740	2006	10,707	2009	5,504		

Freight Traffic, 2010 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
Total, all commodities	1,534	4	6	1,352	171
Total coal	77	—	—	61	17
1100 coal & lignite	77	—	—	61	17
Total petroleum and petroleum products	391	—	6	230	154
Subtotal petroleum products	391	—	6	230	154
2340 residual fuel oil	87	—	—	87	—
2540 petroleum coke	304	—	6	143	154
Total crude materials, inedible except fuels	491	—	—	491	—
Subtotal soil, sand, gravel, rock and stone	81	—	—	81	—
4322 limestone	81	—	—	81	—
Subtotal slag	302	—	—	302	—
4860 slag	302	—	—	302	—
Subtotal other non-metal. min.	107	—	—	107	—
4900 non-metal. min. nec	107	—	—	107	—
Total primary manufactured goods	570	—	—	570	—
Subtotal lime, cement and glass	570	—	—	570	—
5220 cement & concrete	570	—	—	570	—
Total all manufactured equipment, machinery and products	4	4	—	—	—
7120 electrical machinery	4	4	—	—	—

Commodity	Total	Domestic			
		Lakewise		Internal	
		Receipts	Shipments	Receipts	Intraport
Total, all commodities	5,481	5,025	390	17	50
Total coal	835	786	49	—	—
1100 coal & lignite	803	786	16	—	—
1200 coal coke	32	—	32	—	—
Total petroleum and petroleum products	265	6	193	17	50
Subtotal petroleum products	265	6	193	17	50
2330 distillate fuel oil	11	—	—	—	11
2340 residual fuel oil	34	—	—	13	20
2430 asphalt, tar & pitch	221	6	193	3	19
Total crude materials, inedible except fuels	4,381	4,233	148	—	—
Subtotal soil, sand, gravel, rock and stone	810	792	18	—	—
4322 limestone	810	792	18	—	—
Subtotal iron ore and scrap	3,571	3,441	130	—	—
4410 iron ore	3,571	3,441	130	—	—

ECORSE, MI (INCLUDED IN PORT OF DETROIT)

Section Included: U.S. shore of Detroit River from Great Lakes Avenue. to Ecorse River. Controlling Depth: 26.5 feet. Project Depth: 28.5 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	703	2004	971	2007	531	2010	396
2002	1,105	2005	418	2008	373		
2003	564	2006	218	2009	550		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic Lakewise Receipts
		Inbound	Outbound		
Total, all commodities	396	1	22	175	198
Total coal	53	—	22	31	—
1100 coal & lignite	31	—	—	31	—
1200 coal coke	22	—	22	—	—
Total crude materials, inedible except fuels	332	—	—	134	198
Subtotal soil, sand, gravel, rock and stone	191	—	—	57	134
4322 limestone	182	—	—	57	125
4331 sand & gravel	10	—	—	—	10
Subtotal iron ore and scrap	64	—	—	—	64
4410 iron ore	64	—	—	—	64
Subtotal other non-metal. min.	77	—	—	77	—
4900 non-metal. min. nec	77	—	—	77	—
Total primary manufactured goods	11	0	—	10	—
Subtotal primary iron and steel products	10	—	—	10	—
5320 i&s primary forms	10	—	—	10	—
Subtotal primary non-ferrous metal products	0	0	—	0	—
5480 fab. metal products	0	0	—	0	—

ECORSE, MI (INCLUDED IN PORT OF DETROIT)
Freight Traffic, 2010 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic
		Inbound	Outbound	Inbound	Lakewise Receipts
Total all manufactured equipment, machinery and products	1	1	—	0	—
7110 machinery (not elec)	1	1	—	0	—

PORT OF DETROIT, MI

Section Included: Detroit Harbor, Rouge River, Ecorse, Wyandotte, Riverview and Trenton. Controlling and Project Depths: See aforementioned project descriptions.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	16,991	2004	16,858	2007	14,941	2010	12,704
2002	17,306	2005	17,448	2008	12,836		
2003	14,308	2006	17,352	2009	8,824		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic			
		Inbound	Outbound	Inbound	Outbound	Total	Lakewise		Internal Intraport
							Receipts	Shipments	
Total. all commodities	12,704	7	29	2,033	171	10,465	9,925	473	67
Total coal	1,751	—	22	430	17	1,282	1,234	49	—
1100 coal & lignite	1,685	—	—	418	17	1,250	1,234	16	—
1200 coal coke	66	—	22	12	—	32	—	32	—
Total petroleum and petroleum products	684	—	6	254	154	269	6	197	67
Subtotal petroleum products	684	—	6	254	154	269	6	197	67
2330 distillate fuel oil	11	—	—	—	—	11	—	—	11
2340 residual fuel oil	125	—	—	87	—	37	—	4	34
2430 asphalt, tar & pitch	221	—	—	—	—	221	6	193	22
2540 petroleum coke	328	—	6	167	154	—	—	—	—
Total crude materials, inedible except fuels	9,666	—	—	752	—	8,914	8,686	228	—
Subtotal soil, sand, gravel, rock and stone	1,212	—	—	169	—	1,043	1,025	18	—
4322 limestone	1,202	—	—	169	—	1,033	1,015	18	—
4331 sand & gravel	10	—	—	—	—	10	10	—	—
Subtotal iron ore and scrap	7,782	—	—	—	—	7,782	7,572	210	—
4410 iron ore	7,782	—	—	—	—	7,782	7,572	210	—
Subtotal slag	363	—	—	363	—	—	—	—	—
4860 slag	363	—	—	363	—	—	—	—	—
Subtotal other non-metal. min.	309	—	—	220	—	89	89	—	—
4900 non-metal. min. nec	309	—	—	220	—	89	89	—	—
Total primary manufactured goods	596	0	—	596	—	—	—	—	—
Subtotal lime, cement and glass	573	—	—	573	—	—	—	—	—
5220 cement & concrete	573	—	—	573	—	—	—	—	—
Subtotal primary iron and steel products	17	—	—	17	—	—	—	—	—
5320 i&s primary forms	17	—	—	17	—	—	—	—	—
Subtotal primary non-ferrous metal products	6	0	—	6	—	—	—	—	—
5422 aluminum	6	—	—	6	—	—	—	—	—
5480 fab. metal products	0	0	—	0	—	—	—	—	—
Total all manufactured equipment, machinery and products	7	7	—	0	—	—	—	—	—
7110 machinery (not elec)	1	1	—	0	—	—	—	—	—
7120 electrical machinery	6	6	—	—	—	—	—	—	—

MONROE HARBOR, MI

Section Included: Channel in Lake Erie and 16,000 feet above Raisin River. Controlling depth: 20 feet to turning basin over a center width of 150 feet; 16.5 feet in turning basin except near the shore; 5.5 feet in 9 foot channel. Project Depth: 21 feet to the turning basin; 18 feet in the turning basin; 9 feet to lower docks at Monroe. Navigation season: Approximately 20 April to 14 December.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	766	2004	948	2007	1,038	2010	2,413
2002	1,008	2005	1,587	2008	1,059		
2003	1,077	2006	1,379	2009	1,453		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Canadian		Domestic		
		Inbound	Outbound	Total	Lakewise	
				Receipts	Shipments	
Total all commodities	2,413	12		2,401	2,343	58
Total coal	2,190			2,190	2,132	58
1100 coal & lignite	2,190			2,190	2,132	58
Total petroleum and petroleum products	64	12		52	52	
Subtotal petroleum products	64	12		52	52	
2430 asphalt, tar & pitch	52			52	52	
2540 petroleum coke	12	12				
Total crude materials, inedible except fuels	159			159	159	
Subtotal soil, sand, gravel, rock and stone	159			159	159	
4322 limestone	159			159	159	

CALCITE, MI

NON-CORPS PROJECT

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	8,317	2004	8,949	2007	6,622	2010	4,760
2002	8,575	2005	7,288	2008	5,834		
2003	6,832	2006	6,428	2009	4,796		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Canadian		Domestic		
		Inbound	Outbound	Total	Lakewise	
				Receipts	Shipments	
Total all commodities	4,760	10	551	4,199	5	4,194
Total petroleum and petroleum products	20	10	9			
Subtotal petroleum products	20	10	9			
2211 gasoline	9		9			
2330 distillate fuel oil	10	10				
Total crude materials, inedible except fuels	4,735		542	4,193		4,193
Subtotal soil, sand, gravel, rock and stone	4,658		542	4,116		4,116
4322 limestone	4,636		542	4,094		4,094
4331 sand & gravel	22			22		22
Subtotal iron ore and scrap	77			77		77
4410 iron ore	77			77		77
Total primary manufactured goods	6			6	5	1
Subtotal lime, cement and glass	5			5	5	
5210 lime	5			5	5	
Subtotal primary non-ferrous metal products	1			1		1
5480 fab. metal products	1			1		1

ESCANABA, MI

NON-CORPS PROJECT

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	6,980	2004	6,620	2007	5,861	2010	4,736
2002	4,645	2005	5,073	2008	6,340		
2003	4,582	2006	5,689	2009	4,855		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Canadian		Domestic		
		Inbound	Outbound	Total	Lakewise	
				Receipts	Shipments	
Total all commodities	4,736	46	165	4,524	844	3,680
Total coal	176			176	176	
1100 coal & lignite	176			176	176	
Total crude materials, inedible except fuels	4,560	46	165	4,348	668	3,680
Subtotal soil, sand, gravel, rock and stone	668			668	668	
4322 limestone	668			668	668	
Subtotal iron ore and scrap	3,874	29	165	3,680		3,680
4410 iron ore	3,874	29	165	3,680		3,680
Subtotal other non-metal. min.	17	17				
4900 non-metal. min. nec	17	17				

STONEPORT, MI
NON-CORPS PROJECT

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	8,118	2004	7,754	2007	6,670	2010	5,649
2002	7,455	2005	6,785	2008	6,625		
2003	6,445	2006	6,865	2009	4,847		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Canadian		Domestic
		Inbound	Outbound	Lakewise Shipments
Total, all commodities	5,649	3	507	5,138
Total crude materials, inedible except fuels	5,649	3	507	5,138
Subtotal soil, sand, gravel, rock and stone	5,649	3	507	5,138
4322 limestone	5,649	3	507	5,138

Other Harbors and Waterways 2010

Harbor or Waterway Project	Commodity	Thousand Short Tons
ALGOMA HARBOR, WI ALGONAC, MI (INCLUDED IN ST. CLAIR RIVER) ASHLAND HARBOR, WI	No Commerce Reported	
	No Commerce Reported	
	1100 coal & lignite	28
	7230 ships & boats	0
	Total Tons(x1000)	28
AU SABLE HARBOR AND RIVER (OSCODA), MI BAYFIELD HARBOR, WI	No Commerce Reported	
	2211 gasoline	0
	2330 distillate fuel oil	0
	2640 hydrocarbon & petrol gases, liquefied and gaseous	0
	4170 wood in the rough	0
	4331 sand & gravel	0
	4338 soil & fill dirt	0
	7110 machinery (not elec)	0
	7230 ships & boats	0
7900 manufac. prod. nec	4	
	Total Tons(x1000)	5
BIG BAY HARBOR, MI BLACK RIVER HARBOR, MI CASEVILLE, MI CEDAR RIVER HARBOR, MI CHARLEVOIX HARBOR, MI	No Commerce Reported	
	No Commerce Reported	
	No Commerce Reported	
	No Commerce Reported	
	9900 unknown or nec	15
	Total Tons(x1000)	15
CHEBOYGAN HARBOR, MI	2211 gasoline	68
	2330 distillate fuel oil	38
	4322 limestone	12
	7900 manufac. prod. nec	1
	Total Tons(x1000)	119
CHIPPEWA HARBOR (ISLE ROYALE), MI CLINTON RIVER, MICHIGAN CORNUCOPIA HARBOR, WI DETOUR, MI AND VICINITY (INCLUDED IN ST. MARYS RIVER) DETROIT HARBOR, WI	No Commerce Reported	
	No Commerce Reported	
	No Commerce Reported	
	No Commerce Reported	
	2211 gasoline	1
	2330 distillate fuel oil	0
	2640 hydrocarbon & petrol gases, liquefied and gaseous	0
	4170 wood in the rough	0
6134 fish (not shellfish)	0	
9900 unknown or nec	3	
	Total Tons(x1000)	6
EAGLE HARBOR, MI FRANKFORT HARBOR, MI GLADSTONE HARBOR, MI	No Commerce Reported	
	No Commerce Reported	
	1100 coal & lignite	52
	2430 asphalt, tar & pitch	10
	4900 non-metal. min. nec	37
	Total Tons(x1000)	99
GRAND MARAIS HARBOR (HARBOR OF REFUGE), MI GRAND MARAIS HARBOR, MN GRAND TRAVERSE BAY HARBOR, MI HARBOR BEACH, MI (HARBOR OF REFUGE, LAKE HURON)	No Commerce Reported	
	No Commerce Reported	
	No Commerce Reported	
	1100 coal & lignite	64
	Total Tons(x1000)	64
HARRISVILLE HARBOR, MI (HARBOR OF REFUGE, LAKE HURON) HOLLAND HARBOR, MI	No Commerce Reported	
	1100 coal & lignite	84
	4322 limestone	79
	4331 sand & gravel	29
	4420 iron & steel scrap	5
	5210 lime	2
	Total Tons(x1000)	200
KENOSHA HARBOR, WI KEWAUNEE HARBOR, WI KEWEENAW WATERWAY, MI	No Commerce Reported	
	No Commerce Reported	
	2211 gasoline	0
	2330 distillate fuel oil	0
	3211 acyclic hydrocarbons	0
	4189 lumber	0
	4420 iron & steel scrap	0
	5290 misc. mineral prod.	0
	5480 fab. metal products	0
	7110 machinery (not elec)	0
7500 textile products	1	

Other Harbors and Waterways 2010 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
KEWEENAW WATERWAY, MI - continued	7900 manufac. prod. nec	0
	Total Tons(x1000)	2
KNIFE RIVER HARBOR, MN LA POINTE HARBOR, WI	Total Ton-miles(x1000)	21
	No Commerce Reported	
	2211 gasoline	0
	2330 distillate fuel oil	0
	2640 hydrocarbon & petrol gases, liquefied and gaseous	0
	7900 manufac. prod. nec	4
	Total Tons(x1000)	5
LAC LA BELLE HARBOR, MI LELAND HARBOR, MI LIME ISLAND, MI (INCLUDED IN ST. MARYS RIVER) LUDINGTON HARBOR, MI	No Commerce Reported	
	No Commerce Reported	
	No Commerce Reported	
	3276 metallic salts	107
	4322 limestone	67
	4331 sand & gravel	11
	4860 slag	17
	5210 lime	10
	Total Tons(x1000)	212
MACKINAC HARBOR, MI	4322 limestone	10
	6889 food products nec	0
	7900 manufac. prod. nec	8
	Total Tons(x1000)	18
MACKINAW CITY HARBOR, MI MANISTIQUE HARBOR, MI	No Commerce Reported	
	2211 gasoline	1
	2330 distillate fuel oil	0
	Total Tons(x1000)	1
MANITOWOC HARBOR, WI	1100 coal & lignite	26
	4322 limestone	12
	5220 cement & concrete	108
	6443 barley & rye	84
	Total Tons(x1000)	231
NEW BUFFALO HARBOR MI OCONTO HARBOR, WI ONTONAGON HARBOR, MI PENSANKEE HARBOR, WI PENTWATER HARBOR, MI PORT HURON, MI (INCLUDED IN ST. CLAIR RIVER)	No Commerce Reported	
	No Commerce Reported	
	No Commerce Reported	
	No Commerce Reported	
	No Commerce Reported	
	4900 non-metal. min. nec	18
	Total Tons(x1000)	18
PORT SANILAC HARBOR, MI PORT WASHINGTON HARBOR, WI PORT WING HARBOR, WI PUT-IN-BAY HARBOR, OH	No Commerce Reported	
	No Commerce Reported	
	No Commerce Reported	
	2211 gasoline	1
	2330 distillate fuel oil	1
	4322 limestone	6
	7900 manufac. prod. nec	1
	Total Tons(x1000)	9
RACINE HARBOR, WI ROGERS CITY, MI SAUGATUCK HARBOR AND KALAMAZOO RIVER, MI SAULT STE. MARIE, MI (INCLUDED IN ST. MARYS RIVER)	No Commerce Reported	
	No Commerce Reported	
	No Commerce Reported	
	2330 distillate fuel oil	8
	3293 explosives	17
	4322 limestone	2
	4900 non-metal. min. nec	63
	Total Tons(x1000)	90
SEBEWAING, MI SHEBOYGAN HARBOR, WI SOUTH HAVEN HARBOR, MI ST. JAMES (BEAVER ISLAND), MI	No Commerce Reported	
	No Commerce Reported	
	No Commerce Reported	
	2211 gasoline	1
	2330 distillate fuel oil	0
	9900 unknown or nec	15
	Total Tons(x1000)	16
STURGEON BAY AND LAKE MICHIGAN SHIP CANAL, WI	1100 coal & lignite	9
	5320 i&s primary forms	4
	7230 ships & boats	0
	Total Tons(x1000)	13
TRAVERSE CITY HARBOR, MI TRENTON, MI (INCLUDED IN PORT OF DETROIT)	Total Ton-miles(x1000)	52
	No Commerce Reported	
	1100 coal & lignite	41
	Total Tons(x1000)	41

Other Harbors and Waterways 2010 - continued

Harbor or Waterway	Commodity	Thousand Short Tons
Project		
TWO RIVERS HARBOR, WI	No Commerce Reported	
WARROAD HARBOR, MN	No Commerce Reported	
WHITE LAKE HARBOR, MI	No Commerce Reported	
WHITEFISH POINT HARBOR, MI	No Commerce Reported	
WYANDOTTE, MI (INCLUDED IN PORT OF DETROIT)	1100 coal & lignite	92
	Total Tons(x1000)	92
Non-project		
MARBLEHEAD, OH	4322 limestone	2,577
	4331 sand & gravel	11
	Total Tons(x1000)	2,588
PORT DOLOMITE, MI	4322 limestone	3,156
	4331 sand & gravel	29
	4410 iron ore	49
	5210 lime	14
	Total Tons(x1000)	3,249
PORT INLAND, MI	4322 limestone	4,547
	4331 sand & gravel	106
	4860 slag	12
	4900 non-metal. min. nec	14
	5210 lime	16
	Total Tons(x1000)	4,695
SILVER BAY, MN	1100 coal & lignite	563
	4322 limestone	56
	4410 iron ore	5,572
	Total Tons(x1000)	6,191

TOLEDO HARBOR, OH

Section Included: Channel in Lake Erie and 7 miles in lower Maumee River. Controlling Depths: 28 feet in the Bay Channel; 27 feet in The River Channel to the turning basin opposite the Mid-States Terminals, Inc. dock; thence 14 feet to the turning basin at the upper project limits with 13 feet in the turning basin; 20 feet in the turning basin at mile 3 and 27 feet in the turning basin at mile 6.5, project depths: 28 feet in bay and 27 feet in the river channel to the turning basin opposite the Mid-States Terminals, Inc. dock; thence 25 feet to the turning basin at upstream limits of the project with 18 feet in the turning basin; 20 feet in the turning basin at mile 3 and 27 feet in turning basin at mile 6.5. Navigation season: Approximately March 1 to December 31.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	10,535	2004	9,862	2007	12,468	2010	10,720
2002	11,115	2005	10,504	2008	10,955		
2003	9,864	2006	11,162	2009	9,682		

Freight Traffic, 2010 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
Total, all commodities	6,793	144	174	3,659	2,816
Total coal	1,967	—	20	7	1,941
1100 coal & lignite	1,947	—	0	7	1,941
1200 coal coke	20	—	20	—	—
Total petroleum and petroleum products	22	—	—	—	22
Subtotal petroleum products	22	—	—	—	22
2340 residual fuel oil	6	—	—	—	6
2540 petroleum coke	16	—	—	—	16
Total chemicals and related products	156	43	—	69	43
Subtotal fertilizers	127	43	—	69	15
3110 nitrogenous fert.	58	43	—	—	15
3130 potassic fert.	69	—	—	69	—
Subtotal other chemicals and related products	28	—	—	—	28
3275 inorg. elem. oxides & halogen salts	28	—	—	—	28
Total crude materials, inedible except fuels	3,348	—	11	3,035	302
Subtotal forest products, wood and chips	52	—	—	52	—
4189 lumber	52	—	—	52	—
Subtotal soil, sand, gravel, rock and stone	1,065	—	11	752	302
4322 limestone	759	—	—	695	63
4331 sand & gravel	306	—	11	57	238
Subtotal iron ore and scrap	2,093	—	—	2,093	—
4410 iron ore	2,093	—	—	2,093	—
Subtotal other non-metal. min.	138	—	—	138	—
4900 non-metal. min. nec	138	—	—	138	—
Total primary manufactured goods	249	97	—	152	—
Subtotal lime, cement and glass	136	—	—	136	—
5220 cement & concrete	136	—	—	136	—
Subtotal primary iron and steel products	99	97	—	3	—
5312 pig iron	95	92	—	3	—
5320 i&s primary forms	4	4	—	—	—
5330 i&s plates & sheets	0	0	—	—	—
Subtotal primary non-ferrous metal products	14	1	—	13	—
5422 aluminum	13	—	—	13	—
5480 fab. metal products	1	1	—	—	—
Total food and farm products	1,048	—	143	396	509
Subtotal grain	426	—	—	396	29
6241 wheat	257	—	—	228	29
6445 oats	169	—	—	169	—
Subtotal oilseeds	622	—	143	—	479
6522 soybeans	622	—	143	—	479
Total all manufactured equipment, machinery and products	3	3	—	—	—
7110 machinery (not elec)	2	2	—	—	—
7210 vehicles & parts	0	0	—	—	—
7900 manufac. prod. nec	1	1	—	—	—
Total unknown or not elsewhere classified	1	1	—	—	—
9900 unknown or nec	1	1	—	—	—

Commodity	Total	Domestic				
		Coastwise Shipments	Lakewise		Internal	
			Receipts	Shipments	Receipts	Intraport
Total, all commodities	3,927	5	2,063	1,833	14	12
Total coal	1,881	—	67	1,814	—	—
1100 coal & lignite	1,881	—	67	1,814	—	—
Total petroleum and petroleum products	146	5	96	18	14	12
Subtotal petroleum products	146	5	96	18	14	12
2330 distillate fuel oil	20	5	—	—	14	—
2340 residual fuel oil	89	—	59	18	—	12
2430 asphalt, tar & pitch	18	—	18	—	—	—
2540 petroleum coke	19	—	19	—	—	—
Total crude materials, inedible except fuels	1,818	—	1,818	—	—	—
Subtotal soil, sand, gravel, rock and stone	244	—	244	—	—	—
4322 limestone	244	—	244	—	—	—
Subtotal iron ore and scrap	1,374	—	1,374	—	—	—
4410 iron ore	1,374	—	1,374	—	—	—
Subtotal other non-metal. min.	200	—	200	—	—	—
4900 non-metal. min. nec	200	—	200	—	—	—
Total primary manufactured goods	81	—	81	—	—	—
Subtotal lime, cement and glass	81	—	81	—	—	—
5220 cement & concrete	81	—	81	—	—	—

SANDUSKY HARBOR, OH

Section Included: Southeasterly portion of Sandusky Bay to and including passenger docks on Cedar Point. Controlling Depth: Mosely Channel, 26 feet; Bay Channel and Straight Channel from Mosely Channel to junction with Bay Channel, 25.0 feet; turning basin, 24 feet; Dock channel, 21 feet; Straight channel from dock channel to junction with Bay Channel, 21 feet. Project Depths: Mosely Channel, 26 feet; bay channel and Straight Channel from Mosely Channel to junction with Bay Channel, 25 feet; turning basin, 24 feet; Dock channel, 22 feet; and straight channel from dock channel to junction with Bay Channel, 21 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	4,649	2004	3,404	2007	3,880	2010	2,304
2002	4,455	2005	3,555	2008	2,765		
2003	4,183	2006	3,790	2009	1,654		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Canadian		Domestic		
		Inbound	Outbound	Total	Lakewise	
					Receipts	Shipments
Total, all commodities	2,304	36	1,278	990	34	957
Total coal	2,235	—	1,278	957	—	957
1100 coal & lignite	2,235	—	1,278	957	—	957
Total crude materials, inedible except fuels	70	36	—	34	34	—
Subtotal other non-metal. min.	70	36	—	34	34	—
4900 non-metal. min. nec	70	36	—	34	34	—

HURON HARBOR, OH

Section Included: Lake approach channel from deep water to a point opposite the outer end of east breakwater; entrance channel from its junction with the approach channel to its junction with the River Channel; River channel and turning basin to within 1,500 feet of the Penn Central Railroad Bridge. Controlling Depths: Lake approach and entrance channel, 27.5 feet; river channel, 27 feet; turning basin, 21 feet. Project Depths: Lake approach and entrance channels, 29 feet; river channel to Slip No. 1, 28 feet; from Slip No. 1 through eastern portion of the turning basin, 28 feet; turning basin, 22 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	1,260	2004	860	2007	1,143	2010	717
2002	898	2005	1,032	2008	1,002		
2003	1,291	2006	845	2009	472		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Domestic	
		Lakewise	Receipts
Total, all commodities	717	717	717
Total crude materials, inedible except fuels	717	717	717
Subtotal soil, sand, gravel, rock and stone	554	554	554
4322 limestone	554	554	554
Subtotal iron ore and scrap	163	163	163
4410 iron ore	163	163	163

LORAIN HARBOR, OH

Section Included: Outer Harbor and Black River from mouth to and including United States Steel Corp., National Tube Division dock, 3 miles. Controlling Depths: Lake Approach channel, 27.0 feet; A channel 800 feet wide through the Outer Harbor, 27 feet; remainder of Outer Harbor, 25 feet; lower 2,200 feet of River Channel, 25 feet; remainder of River Channel 24 feet except turning basin just downstream of the 21st Street Bridge which is 12 to 19 feet and the returning Basin opposite the U. S. Steel Corp., National Tube Division which is 12 to 20 feet. Project Depths: Lake Approach Channel, 29 feet; a channel 800 feet wide through the Outer Harbor, 28 feet; remainder of Outer Harbor, 25 feet; lower 2,200 feet of River Channel, 28 feet; remainder of River Channel, 27 feet; except turning basin downstream of 21st Street Bridge, 20 feet and turning basin opposite U. S. Steel Corp., National Tube Division Dock, 21 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	7,865	2004	3,007	2007	2,996	2010	853
2002	6,672	2005	3,055	2008	2,186		
2003	2,154	2006	3,617	2009	580		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Foreign Outbound	Canadian		Domestic		
			Inbound	Outbound	Total	Lakewise	
						Receipts	Shipments
Total, all commodities	853	24	128	55	645	420	225
Total coal	56	24	—	22	9	9	—
1100 coal & lignite	22	—	—	22	—	—	—
1200 coal coke	33	24	—	—	9	9	—
Total chemicals and related products	21	—	21	—	—	—	—
Subtotal fertilizers	21	—	21	—	—	—	—
3130 potassic fert.	21	—	21	—	—	—	—
Total crude materials, inedible except fuels	776	—	107	33	636	411	225
Subtotal soil, sand, gravel, rock and stone	478	—	84	10	384	384	—
4322 limestone	470	—	77	10	384	384	—
4331 sand & gravel	8	—	8	—	—	—	—
Subtotal iron ore and scrap	249	—	—	24	225	—	225
4410 iron ore	249	—	—	24	225	—	225

LORAIN HARBOR, OH
Freight Traffic, 2010 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Outbound	Inbound	Outbound	Total	Lakewise		
						Receipts	Shipments	
Subtotal other non-metal. min.	50	—	23	—	27	27	—	—
4900 non-metal. min. nec	50	—	23	—	27	27	—	—

CLEVELAND HARBOR, OH

Section Included: Outer Harbor, Old River and Cuyahoga River from mouth to and including Upper Republic Steel Corp. Dock, immediately downstream from Norfolk & Western Railway Bridge, 5.8 miles. Controlling Depth: Lake Approach Channel, 29 feet; entrance channel, West Basin and westerly 800 feet of East Basin, 28 feet; easterly 3800-foot length of East Basin, 27 feet; 500-foot channel through East Outer Harbor, 25 feet; channel between piers to Conrail Railroad Bridge, 27.0 feet; channel in Cuyahoga River from Penn Central Railroad to upperproject limit, 22 feet; turning basin upstream from E.I. Dupont De Nemours And Company, Inc., Grasselli Chemical Division Dock, 19.5 feet; Old River to Sand Products Corporation Dock, 23 feet; remainder of Old River to upper project limit, 14 feet. Project Depth: Lake Approach Channel, 29 feet; West Basin, entrance channel and west end of East Basin, 28 feet; remaining 3800-foot length of East Basin, 27 feet; 500-foot channel through East Outer Harbor, 25 feet; lower Cuyahoga River from lakeward ends of the piers to immediately above junction with Old River, 27 feet; Old River to upper project limit, 27 feet; remainder of Cuyahoga River, 23 feet; turning basin upstream from E.I. Dupont De Nemours and Company, Inc., Grasselli Chemical Division Dock, 18 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	11,938	2004	15,775	2007	12,793	2010	10,791
2002	11,412	2005	13,641	2008	10,637		
2003	12,621	2006	15,187	2009	6,076		

Freight Traffic, 2010 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
Total, all commodities	1,573	311	—	1,199	64
Total petroleum and petroleum products	89	—	—	89	—
Subtotal petroleum products	89	—	—	89	—
2211 gasoline	10	—	—	10	—
2330 distillate fuel oil	79	—	—	79	—
Total crude materials, inedible except fuels	706	—	—	642	64
Subtotal soil, sand, gravel, rock and stone	614	—	—	614	—
4322 limestone	463	—	—	463	—
4331 sand & gravel	150	—	—	150	—
Subtotal sulphur, clay and salt	7	—	—	7	—
4782 clay & refrac. mat.	7	—	—	7	—
Subtotal slag	15	—	—	15	—
4860 slag	15	—	—	15	—
Subtotal other non-metal. min.	70	—	—	6	64
4900 non-metal. min. nec	70	—	—	6	64
Total primary manufactured goods	771	303	—	467	—
Subtotal lime, cement and glass	458	—	—	458	—
5220 cement & concrete	458	—	—	458	—
Subtotal primary iron and steel products	251	241	—	10	—
5320 i&s primary forms	101	92	—	10	—
5330 i&s plates & sheets	120	120	—	—	—
5360 i&s bars & shapes	24	24	—	—	—
5370 i&s pipe & tube	5	5	—	—	—
Subtotal primary non-ferrous metal products	62	62	—	—	—
5421 copper	0	0	—	—	—
5480 fab. metal products	62	62	—	—	—
Total all manufactured equipment, machinery and products	3	3	—	—	—
7110 machinery (not elec)	3	3	—	—	—
7120 electrical machinery	0	0	—	—	—
7210 vehicles & parts	0	0	—	—	—
7500 textile products	0	0	—	—	—
7600 rubber & plastic pr.	0	0	—	—	—
7900 manufac. brod. nec	0	0	—	—	—
Total unknown or not elsewhere classified	4	4	—	—	—
9900 unknown or nec	4	4	—	—	—

Commodity	Total	Domestic				
		Lakewise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Total, all commodities	9,218	6,022	667	2	2	2,526
Total coal	51	51	—	—	—	—
1100 coal & lignite	7	7	—	—	—	—
1200 coal coke	44	44	—	—	—	—
Total petroleum and petroleum products	83	77	6	—	—	—
Subtotal petroleum products	83	77	6	—	—	—
2430 asphalt, tar & pitch	83	77	6	—	—	—
Total crude materials, inedible except fuels	8,863	5,675	661	—	—	2,526
Subtotal soil, sand, gravel, rock and stone	2,490	2,474	5	—	—	11
4322 limestone	2,342	2,331	—	—	—	11
4331 sand & gravel	147	142	5	—	—	—
Subtotal iron ore and scrap	5,475	3,113	25	—	—	2,336
4410 iron ore	5,475	3,113	25	—	—	2,336
Subtotal slag	44	32	11	—	—	—
4860 slag	44	32	11	—	—	—

CLEVELAND HARBOR, OH
Freight Traffic, 2010 - continued
(thousand short tons)

Commodity	Total	Domestic				
		Lakewise		Internal		
		Receipts	Shipments	Receipts	Shipments	Inraport
Subtotal other non-metal. min.	854	56	620	---	---	179
4900 non-metal. min. nec	854	56	620	---	---	179
Total primary manufactured goods	221	218	---	2	2	---
Subtotal lime, cement and glass	221	218	---	2	2	---
5220 cement & concrete	221	218	---	2	2	---

FAIRPORT HARBOR, OH

Section Included: Outer harbor and Grand River from mouth to and including Diamond Alkali Company Stone Dock, 1.5 miles. Controlling Depths: Entrance Channel, 24 feet; Outer Harbor, 24.0 feet; Grand River to upstream of Republic Steel, 19.0 feet; remaining length of Grand River to the upper project limit, 19 feet; except for 1,000 feet of the upstream end of the west side of the channel, 5 feet; turning basin, 15 feet. Maintenance Depths: Entrance channel and outer harbor, 25 feet; Grand River to upstream of Republic Steel, 24 feet; remaining length of Grand River to the upper project limits, 21 feet; turning basin, 18 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	2,942	2004	2,772	2007	2,107	2010	1,498
2002	2,326	2005	2,452	2008	1,798		
2003	2,526	2006	2,411	2009	1,122		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Canadian		Domestic		
		Inbound	Outbound	Total	Lakewise	
					Receipts	Shipments
Total. all commodities	1,498	192	75	1,232	798	434
Total crude materials, inedible except fuels	1,498	192	75	1,232	798	434
Subtotal soil, sand, gravel, rock and stone	1,020	192	8	820	798	22
4322 limestone	958	145	---	814	798	16
4331 sand & gravel	62	48	8	7	---	7
Subtotal other non-metal. min.	478	---	67	411	---	411
4900 non-metal. min. nec	478	---	67	411	---	411

ASHTABULA HARBOR, OH

Section Included: Outer harbor and Ashtabula River from mouth to and including city of Ashtabula Dock (Former Great Lakes Engineering Works Dock), 1.75 miles. Controlling Depth: Westerly portion of outer harbor to inner breakwater & approach channel to docks east of inner breakwater, 26.0 feet turning basin in front of inner breakwater 21.5 feet; the approach to the Penn. Central Railroad Company's slip and the lower 2,000 feet of the Ashtabula River, 23 feet; thence to car ferry slip, 10 feet; thence to a point 1,550 feet upstream from turning basin and including turning basin, 3 feet. Project Depth: Entrance channel, 29 feet; westerly portion of outer harbor to inner breakwater, 28 feet; Approach Channel to docks east of inner breakwater, 28 feet; turning basin in the easterly portion of the outer harbor, 22 feet; channel from inside the Inner Breakwater to mouth of river and 2,000 feet upstream and approach channel to Penn. Central Railroad Company's slip, 27 feet; thence to car ferry slip, 18 feet; thence to a point 1,550 feet upstream from turning basin and including turning basin, 16 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	10,934	2004	10,938	2007	5,580	2010	6,346
2002	9,838	2005	9,714	2008	6,906		
2003	10,427	2006	6,822	2009	3,448		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Foreign Inbound	Canadian		Domestic		
			Inbound	Outbound	Total	Lakewise	
						Receipts	Shipments
Total. all commodities	6,346	230	1,083	1,222	3,811	3,386	426
Total coal	1,626	---	---	1,222	404	---	404
1100 coal & lignite	1,626	---	---	1,222	404	---	404
Total chemicals and related products	43	---	43	---	---	---	---
Subtotal fertilizers	43	---	43	---	---	---	---
3130 potassic fert.	43	---	43	---	---	---	---
Total crude materials, inedible except fuels	4,655	230	1,019	---	3,407	3,386	22
Subtotal soil, sand, gravel, rock and stone	941	---	87	---	854	854	---
4322 limestone	941	---	87	---	854	854	---
Subtotal iron ore and scrap	3,292	---	848	---	2,444	2,422	22
4410 iron ore	3,292	---	848	---	2,444	2,422	22
Subtotal non-ferrous ores and scrap	54	25	29	---	---	---	---
4690 non-ferrous ores nec	54	25	29	---	---	---	---
Subtotal sulphur, clay and salt	11	11	---	---	---	---	---
4782 clay & refrac. mat.	11	11	---	---	---	---	---
Subtotal slag	248	193	55	---	---	---	---
4860 slag	248	193	55	---	---	---	---
Subtotal other non-metal. min.	109	---	---	---	109	109	---
4900 non-metal. min. nec	109	---	---	---	109	109	---
Total primary manufactured goods	22	---	22	---	---	---	---
Subtotal primary iron and steel products	22	---	22	---	---	---	---
5312 pig iron	14	---	14	---	---	---	---
5320 i&s primary forms	8	---	8	---	---	---	---

CONNEAUT HARBOR, OH

Section Included: Outer harbor and Conneaut River 2,450 feet upstream of the outer end of the West Pier. Controlling Depth: Westerly portion of outer harbor, 20.5 feet; access channel to city dock, 7.5 feet; easterly portion of outer harbor 23 feet. Inner Harbor, 28. feet; Project Depth: Easterly portion of outer harbor, 28 feet; westerly portion of outer harbor, 22 feet; access channel to city dock 8 feet: Inner Harbor, 27 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	10,485	2004	8,027	2007	5,009	2010	3,558
2002	10,474	2005	7,405	2008	4,654		
2003	6,705	2006	7,368	2009	3,122		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Canadian		Domestic
		Inbound	Outbound	Lakewise Receipts
Total, all commodities	3,558	143	143	3,415
Total crude materials, inedible except fuels	3,558	143	143	3,415
Subtotal soil, sand, gravel, rock and stone	300	---	---	300
4322 limestone	300	---	---	300
Subtotal iron ore and scrap	3,115	---	---	3,115
4410 iron ore	3,115	---	---	3,115
Subtotal slag	30	30	---	---
4860 slag	30	30	---	---
Subtotal other non-metal. min.	113	113	---	---
4900 non-metal. min. nec	113	113	---	---

ERIE HARBOR, PA

Section Included: Southerly side of Erie Harbor and Lake Erie water frontage from harbor entrance eastward to and including Sun Oil Co dock, 3.5 miles. Controlling Depth: Entrance channel, 29 feet; channel to easterly coal and ore docks, 27 feet; and 27 feet to the Port Authority Dock; harbor basin, 21 feet; westerly portion of harbor, 18 feet. Project Depth: Entrance channel, 29 feet; Approach Channel to easterly coal and ore docks, 28 feet; approach to Port Authority Docks, 27 feet; Harbor Basin, 21 feet; westerly portion of Harbor Basin, 18 feet. The approach channel from the 28 foot channel to and including turning basin at westerly docks has been authorized, but never completed and considered inactive at the present time.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	1,159	2004	1,100	2007	1,253	2010	582
2002	1,362	2005	1,066	2008	749		
2003	1,121	2006	1,074	2009	590		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Canadian		Domestic
		Inbound	Outbound	Lakewise Receipts
Total, all commodities	582	54	54	528
Total crude materials, inedible except fuels	582	54	54	528
Subtotal soil, sand, gravel, rock and stone	519	54	---	465
4322 limestone	381	---	---	381
4331 sand & gravel	138	54	---	85
Subtotal other non-metal. min.	63	---	---	63
4900 non-metal. min. nec	63	---	---	63

BUFFALO HARBOR, NY (INCLUDED IN PORT OF BUFFALO)

Section Included: Outer harbor, Lackawanna Canal, Union Canal. Buffalo River from mouth to Conrail R. Y. Bridge, 5.5 miles. Buffalo Ship Canal, and Black Rock Canal to the Black Rock Lock. Controlling Depths: Outer area of south entrance channel, 30 feet; south entrance channel 29.0 feet; southern portion of outer harbor, 28 feet; 900 feet wide section adjacent to the south breakwater beginning 2,000 feet north of the south breakwater and proceeding northerly 4,200 feet, 23 feet; thence 27 feet to the International Salt Company and 23 feet in the remainder of the outer harbor to the north; new north entrance channel, 25 feet; Black Rock Canal, 21 feet; Buffalo River Entrance, Buffalo River and Buffalo Ship Canal, 22 feet. Project Depth: Outer area of south entrance channel, 30 feet; south entrance channel 29 feet; southern portion of outer harbor, 28 feet; 900 feet wide section adjacent to the south breakwater beginning 2,000 feet north of the south breakwater and proceeding northerly 4,200 feet, 23 feet. Middle section of the outer harbor, 27 feet; north outer harbor, 23 feet; north entrance channel, 25 feet; Buffalo River entrance, Buffalo River and Buffalo Ship Canal, 22 feet. Black Rock Canal, 21 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	959	2004	1,206	2007	1,492	2010	1,206
2002	1,288	2005	1,386	2008	1,328		
2003	1,117	2006	1,345	2009	1,263		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Canadian		Domestic
		Inbound	Outbound	Lakewise Receipts
Total, all commodities	1,206	376	312	519
Total coal	469	157	312	---
1100 coal & lignite	469	157	312	---
Total crude materials, inedible except fuels	312	105	---	207
Subtotal soil, sand, gravel, rock and stone	207	---	---	207
4322 limestone	134	---	---	134
4331 sand & gravel	73	---	---	73
Subtotal other non-metal. min.	105	105	---	---
4900 non-metal. min. nec	105	105	---	---

BUFFALO HARBOR, NY (INCLUDED IN PORT OF BUFFALO)
Freight Traffic, 2010 - continued
(thousand short tons)

Commodity	Grand Total	Canadian		Domestic
		Inbound	Outbound	Lakewise Receipts
Total primary manufactured goods	120	113	---	7
Subtotal lime, cement and glass	120	113	---	7
5220 cement & concrete	120	113	---	7
Total food and farm products	305	---	---	305
Subtotal grain	305	---	---	305
6241 wheat	80	---	---	80
6447 sorghum grains	224	---	---	224

PORT OF BUFFALO, NY

Section Included: Outer harbor, Lackawanna Canal, Union Canal, Buffalo River from mouth to Conrail RY Bridge 5.5 miles, Buffalo Ship Canal, Black Rock Canal, Black Rock Lock, Black Rock Channel, Niagara River, and Tonawanda to and including Buffalo Oil Terminal, Inc. Dock, located about 2,000 feet north of turning basin, Tonawanda inner Harbor, and Tonawanda Creek Channel from mouth to Main Street Bridge. Controlling and Project Depths: See Buffalo Harbor, Niagara River and Tonawanda.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	1,215	2004	1,592	2007	1,618	2010	1,298
2002	1,686	2005	1,611	2008	1,457		
2003	1,427	2006	1,558	2009	1,367		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Canadian		Domestic
		Inbound	Outbound	Lakewise Receipts
Total. all commodities	1,298	376	312	611
Total coal	469	157	312	---
1100 coal & lignite	469	157	312	---
Total petroleum and petroleum products	92	---	---	92
Subtotal petroleum products	92	---	---	92
2430 asphalt, tar & pitch	92	---	---	92
Total crude materials, inedible except fuels	312	105	---	207
Subtotal soil, sand, gravel, rock and stone	207	---	---	207
4322 limestone	134	---	---	134
4331 sand & gravel	73	---	---	73
Subtotal other non-metal. min.	105	105	---	---
4900 non-metal. min. nec	105	105	---	---
Total primary manufactured goods	120	113	---	7
Subtotal lime, cement and glass	120	113	---	7
5220 cement & concrete	120	113	---	7
Total food and farm products	305	---	---	305
Subtotal grain	305	---	---	305
6241 wheat	80	---	---	80
6447 sorghum grains	224	---	---	224

OSWEGO HARBOR, NY

Section Included: Outer Harbor and Oswego River from mouth to Seneca Street. Controlling Depths: Lake approach channel, 27 feet; channel through outer harbor, 24 feet; east and west side of outer harbor, 21 feet; Oswego River channel, 24 feet. Project Depths: Lake approach channel, 27 feet; channel through outer harbor, 25 feet; lower 1,600 feet of Oswego River channel, 24 feet; remainder of Oswego River channel and Oswego Harbor, 21 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	393	2004	856	2007	558	2010	362
2002	324	2005	670	2008	436		
2003	715	2006	633	2009	303		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Canadian
		Inbound
Total. all commodities	362	362
Total petroleum and petroleum products	26	26
Subtotal petroleum products	26	26
2330 distillate fuel oil	3	3
2340 residual fuel oil	10	10
2540 petroleum coke	13	13
Total crude materials, inedible except fuels	27	27
Subtotal other non-metal. min.	27	27
4900 non-metal. min. nec	27	27
Total primary manufactured goods	308	308
Subtotal lime, cement and glass	256	256
5220 cement & concrete	256	256
Subtotal primary non-ferrous metal products	53	53
5422 aluminum	53	53

Other Harbors and Waterways 2010

Harbor or Waterway Project	Commodity	Thousand Short Tons
BARCELONA HARBOR, NY	No Commerce Reported	
CAPE VINCENT, NY	No Commerce Reported	
DUNKIRK HARBOR, NY	No Commerce Reported	
GREAT SODUS BAY HARBOR, NY	No Commerce Reported	
IRONDEQUOIT BAY HARBOR, NEW YORK	No Commerce Reported	
KELLEYS ISLAND, OH	4322 limestone	54
	Total Tons(x1000)	54
NIAGARA FALLS, NY	No Commerce Reported	
NIAGARA RIVER, NY (INCLUDED IN PORT OF BUFFALO)	2430 asphalt, tar & pitch	92
	Total Tons(x1000)	92
	Total Ton-miles(x1000)	706
OGDENSBURG HARBOR, NY	4900 non-metal. min. nec	118
	Total Tons(x1000)	118
PORT CLINTON HARBOR, OH	No Commerce Reported	
ROCHESTER (CHARLOTTE) HARBOR, NY	5220 cement & concrete	97
	Total Tons(x1000)	97
SACKETS HARBOR, NY	No Commerce Reported	
TONAWANDA HARBOR, NY (INCLUDED IN PORT OF BUFFALO) (PRINT ONLY)	No Commerce Reported	
VERMILION HARBOR, OH	No Commerce Reported	
WADDINGTON HARBOR, NY	No Commerce Reported	

ILLINOIS RIVER, IL (INCLUDED IN THE ILLINOIS WATERWAY CONSOLIDATED)

Section Included: Mouth of Illinois River, Grafton, IL to Lockport, IL, 291.9 miles. Maintained Depth: 9 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	40,333	2004	40,209	2007	35,648	2010	32,042
2002	40,204	2005	38,395	2008	32,647		
2003	39,494	2006	37,550	2009	32,274		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	32,042	5,600	800	1,157	15,770	3,966	3,144	1,425	180
Total coal	2,237	635	—	—	28	128	128	1,317	—
1100 coal & lignite	2,040	628	—	—	2	90	3	1,317	—
1200 coal coke	196	6	—	—	27	38	125	—	—
Total petroleum and petroleum products	5,565	941	159	906	1,676	434	1,339	31	77
Subtotal crude petroleum	6	—	—	—	—	6	—	—	—
2100 crude petroleum	6	—	—	—	—	6	—	—	—
Subtotal petroleum products	5,558	941	159	906	1,676	428	1,339	31	77
2211 gasoline	178	40	—	—	8	123	7	—	—
2221 kerosene	3	—	—	—	3	—	—	—	—
2330 distillate fuel oil	1,208	38	76	49	470	30	524	10	12
2340 residual fuel oil	645	106	—	40	399	—	78	21	—
2350 lube oil & greases	128	63	4	—	18	42	—	1	—
2429 naphtha & solvents	249	138	—	—	—	96	15	—	—
2430 asphalt, tar & pitch	617	102	24	266	124	74	27	—	—
2540 petroleum coke	2,074	19	56	551	632	62	688	—	65
2990 petro. products nec	457	436	—	—	22	—	—	—	—
Total chemicals and related products	4,690	2,456	8	74	865	908	328	1	50
Subtotal fertilizers	1,495	1,381	—	—	26	83	—	—	5
3110 nitrogenous fert.	711	624	—	—	24	59	—	—	5
3120 phosphatic fert.	18	17	—	—	—	2	—	—	—
3130 potassic fert.	213	200	—	—	3	10	—	—	—
3190 fert. & mixes nec	552	540	—	—	—	12	—	—	—
Subtotal other chemicals and related products	3,196	1,075	8	74	839	825	328	1	45
3211 acyclic hydrocarbons	31	31	—	—	—	—	—	—	—
3212 benzene & toluene	90	3	—	—	11	14	61	—	—
3219 other hydrocarbons	588	522	—	—	2	40	3	—	20
3220 alcohols	1,398	68	8	74	823	140	258	1	25
3230 carboxylic acids	3	3	—	—	—	—	—	—	—
3260 organic comp. nec	47	13	—	—	1	33	—	—	—
3273 ammonia	320	320	—	—	—	—	—	—	—
3274 sodium hydroxide	542	16	—	—	—	522	4	—	—
3275 inorg. elem., oxides, & halogen salts	55	1	—	—	—	54	—	—	—
3276 metallic salts	39	25	—	—	—	13	2	—	—
3279 inorganic chem. nec	53	44	—	—	—	9	—	—	—
3299 chem. products nec	29	29	—	—	—	—	—	—	—
Total crude materials, inedible except fuels	2,826	711	512	176	94	798	536	—	—
Subtotal forest products, wood and chips	218	128	—	—	—	90	—	—	—
4150 fuel wood	3	3	—	—	—	—	—	—	—
4161 wood chips	214	124	—	—	—	90	—	—	—
4190 forest products nec	2	2	—	—	—	—	—	—	—
Subtotal pulp and waste paper	1	1	—	—	—	—	—	—	—
4225 pulp & waste paper	1	1	—	—	—	—	—	—	—
Subtotal soil, sand, gravel, rock and stone	697	134	315	174	42	28	4	—	—
4322 limestone	128	126	—	—	2	—	—	—	—
4331 sand & gravel	565	8	315	174	41	28	—	—	—
4335 waterway improv. mat	4	—	—	—	—	—	4	—	—
Subtotal iron ore and scrap	606	80	4	1	50	124	346	—	—
4410 iron ore	113	—	—	—	—	99	14	—	—
4420 iron & steel scrap	493	80	4	1	50	25	331	—	—
Subtotal non-ferrous ores and scrap	100	22	—	—	—	76	2	—	—
4650 aluminum ore	11	10	—	—	—	2	—	—	—
4670 manganese ore	61	13	—	—	—	46	2	—	—
4680 non-ferrous scrap	29	—	—	—	—	29	—	—	—
Subtotal sulphur, clay and salt	62	3	—	—	—	59	—	—	—
4782 clay & refrac. mat.	62	3	—	—	—	59	—	—	—
Subtotal slag	184	—	—	—	2	1	182	—	—
4860 slag	184	—	—	—	2	1	182	—	—
Subtotal other non-metal. min.	956	342	193	—	—	419	2	—	—
4900 non-metal. min. nec	956	342	193	—	—	419	2	—	—
Total primary manufactured goods	2,661	649	119	—	67	1,407	419	—	—
Subtotal lime, cement and glass	795	1	—	—	—	528	265	—	—

ILLINOIS RIVER, IL (INCLUDED IN THE ILLINOIS WATERWAY CONSOLIDATED)
 Freight Traffic, 2010 - continued
 (thousand short tons)

Commodity	Grand Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
5220 cement & concrete	794	—	—	—	—	528	265	—	—
5290 misc. mineral prod.	1	1	—	—	—	—	—	—	—
Subtotal primary iron and steel products	1,751	628	119	—	67	807	131	—	—
5312 pig iron	1,101	593	—	—	—	492	16	—	—
5315 ferro alloys	139	8	—	—	1	131	—	—	—
5320 i&s primary forms	31	—	—	—	—	—	31	—	—
5330 i&s plates & sheets	356	21	116	—	23	126	71	—	—
5360 i&s bars & shapes	95	3	2	—	44	47	—	—	—
5370 i&s pipe & tube	6	—	1	—	—	5	—	—	—
5390 primary i&s nec	22	3	—	—	—	7	12	—	—
Subtotal primary non-ferrous metal products	115	20	—	—	—	72	23	—	—
5422 aluminum	8	—	—	—	—	2	6	—	—
5429 smelted prod. nec	4	—	—	—	—	4	—	—	—
5480 fab. metal products	103	20	—	—	—	66	17	—	—
Total food and farm products	13,839	181	1	2	13,039	105	384	75	54
Subtotal grain	9,449	36	1	—	9,067	25	248	19	54
6241 wheat	242	5	—	—	28	25	183	—	—
6344 corn	9,206	30	1	—	9,038	—	65	19	54
6442 rice	2	2	—	—	—	—	—	—	—
Subtotal oilseeds	2,769	14	—	—	2,616	13	125	—	—
6522 soybeans	2,712	—	—	—	2,575	13	125	—	—
6590 oilseeds nec	56	14	—	—	42	—	—	—	—
Subtotal vegetable products	73	73	—	—	—	—	—	—	—
6653 vegetable oils	73	73	—	—	—	—	—	—	—
Subtotal processed grain and animal feed	1,374	2	—	2	1,302	2	11	56	—
6747 grain mill products	21	—	—	—	21	—	—	—	—
6782 animal feed, prep.	1,352	2	—	2	1,281	2	11	56	—
Subtotal other agricultural products	175	56	—	—	54	65	—	—	—
6861 sugar	64	—	—	—	—	64	—	—	—
6865 molasses	58	56	—	—	—	2	—	—	—
6885 alcoholic beverages	54	—	—	—	54	—	—	—	—
Total all manufactured equipment, machinery and products	223	27	—	—	—	187	10	—	—
7110 machinery (not elec)	2	—	—	—	—	—	2	—	—
7500 textile products	3	3	—	—	—	—	—	—	—
7800 empty containers	36	—	—	—	—	30	6	—	—
7900 manufac. prod. nec	181	23	—	—	—	157	1	—	—
Ton-miles (x1000)	6,139,559	1,056,601	76,171	21,713	2,784,186	1,153,997	914,882	124,952	7,057
Tons All Traffic (x1000)									32,042
Ton-miles All Traffic (x1000)									6,139,559
Total Trip-ton-miles Internal and Intraport (x1000)									33,407,551

CALUMET-SAG CHANNEL, IL (INCLUDED IN PORT OF CHICAGO, ALSO INCLUDED IN STATISTICS FOR ILLINOIS WATERWAY)

Section Included: Calumet-Sag Channel from its junction with Chicago Sanitary and Ship Canal to Blue Island, Little Calumet and Calumet Rivers to Turning Basin No. 5 (130th Street Bridge). Maintained Depth: 9 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	6,022	2004	8,560	2007	6,256	2010	5,074
2002	6,749	2005	8,483	2008	6,093		
2003	6,576	2006	7,716	2009	4,304		

Freight Traffic, 2010 (thousand short tons)

Commodity	Grand Total	Internal			
		Inbound		Through	
		Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	5,074	155	17	2,707	2,195
Total coal	187	—	—	126	61
1100 coal & lignite	93	—	—	90	3
1200 coal coke	94	—	—	37	58
Total petroleum and petroleum products	1,563	70	—	882	611
Subtotal petroleum products	1,563	70	—	882	611
2211 gasoline	82	64	—	5	13
2330 distillate fuel oil	179	—	—	28	151
2340 residual fuel oil	14	—	—	—	14
2350 lube oil & greases	23	6	—	17	—
2430 asphalt, tar & pitch	110	—	—	6	105
2540 petroleum coke	1,154	—	—	826	328
Total chemicals and related products	296	84	17	130	65
Subtotal fertilizers	63	—	—	63	—
3110 nitrogenous fert.	44	—	—	44	—
3120 phosphatic fert.	2	—	—	2	—

CALUMET-SAG CHANNEL, IL (INCLUDED IN PORT OF CHICAGO, ALSO INCLUDED IN STATISTICS FOR ILLINOIS WATERWAY)
 Freight Traffic, 2010 - continued
 (thousand short tons)

Commodity	Grand Total	Internal			
		Inbound	Outbound	Through	
		Upbound	Downbnd	Upbound	Downbnd
3130 potassic fert.	10	—	—	10	—
3190 fert. & mixes nec	8	—	—	8	—
Subtotal other chemicals and related products	233	84	17	66	65
3220 alcohols	180	84	17	13	65
3275 inorg. elem., oxides, & halogen salts	42	—	—	42	—
3276 metallic salts	1	—	—	1	—
3279 inorganic chem. nec	9	—	—	9	—
Total crude materials, inedible except fuels	1,117	2	—	512	604
Subtotal forest products, wood and chips	3	—	—	3	—
4161 wood chips	3	—	—	3	—
Subtotal soil, sand, gravel, rock and stone	26	2	—	20	4
4331 sand & gravel	22	2	—	20	—
4335 waterway improv. mat	4	—	—	—	4
Subtotal iron ore and scrap	284	—	—	130	154
4410 iron ore	113	—	—	99	14
4420 iron & steel scrap	171	—	—	31	140
Subtotal non-ferrous ores and scrap	78	—	—	76	2
4650 aluminum ore	2	—	—	2	—
4670 manganese ore	48	—	—	46	2
4680 non-ferrous scrap	29	—	—	29	—
Subtotal sulphur, clay and salt	59	—	—	59	—
4782 clay & refrac. mat.	59	—	—	59	—
Subtotal slag	183	—	—	1	182
4860 slag	183	—	—	1	182
Subtotal other non-metal. min.	484	—	—	223	261
4900 non-metal. min. nec	484	—	—	223	261
Total primary manufactured goods	1,257	—	—	781	475
Subtotal lime, cement and glass	215	—	—	2	213
5220 cement & concrete	215	—	—	2	213
Subtotal primary iron and steel products	974	—	—	724	250
5312 pig iron	506	—	—	490	16
5315 ferro alloys	131	—	—	131	—
5320 i&s primary forms	31	—	—	—	31
5330 i&s plates & sheets	277	—	—	90	187
5360 i&s bars & shapes	7	—	—	5	2
5370 i&s pipe & tube	4	—	—	2	1
5390 primary i&s nec	18	—	—	5	12
Subtotal primary non-ferrous metal products	67	—	—	56	12
5422 aluminum	3	—	—	—	3
5480 fab. metal products	64	—	—	56	9
Total food and farm products	458	—	—	89	369
Subtotal grain	273	—	—	25	248
6241 wheat	208	—	—	25	183
6344 corn	64	—	—	—	64
Subtotal oilseeds	135	—	—	13	122
6522 soybeans	135	—	—	13	122
Subtotal processed grain and animal feed	2	—	—	2	—
6782 animal feed, prep.	2	—	—	2	—
Subtotal other agricultural products	50	—	—	50	—
6861 sugar	48	—	—	48	—
6865 molasses	2	—	—	2	—
Total all manufactured equipment, machinery and products	196	—	—	187	10
7110 machinery (not elec)	2	—	—	—	2
7800 empty containers	36	—	—	30	6
7900 manufac. prod. nec	158	—	—	157	1
Ton-miles (x1000)	119,853	1,984	222	64,961	52,686

Tons All Traffic (x1000) 5,074
 Ton-miles All Traffic (x1000) 119,853
 Total Trip-ton-miles Internal and Intraport (x1000) 4,621,621

CHICAGO SANITARY AND SHIP CANAL, IL (INCLUDED IN PORT OF CHICAGO, ALSO INCLUDED IN STATISTICS FOR ILLINOIS WATERWAY)

Section Included: Chicago Sanitary and Ship Canal. Damen Avenue, Chicago to Lockport, IL. Maintained Depth: 9 feet at low water stages.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	16,905	2004	20,571	2007	16,929	2010	13,153
2002	17,059	2005	21,044	2008	15,923		
2003	19,465	2006	19,927	2009	13,372		

Freight Traffic, 2010 (thousand short tons)

Commodity	Total	Canadian Inbound
Total, all commodities	10	10
Total petroleum and petroleum products	10	10
Subtotal petroleum products	10	10
2330 distillate fuel oil	10	10
Ton-miles (x1000)	101	101
Canadian		

Commodity	Total
Total, all commodities	0
Ton-miles (x1000)	0

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	13,143	2,762	86	1,806	1,776	2,541	2,195	1,908	69
Total coal	2,690	1	—	852	68	126	61	1,581	—
1100 coal & lignite	2,526	—	—	852	—	90	3	1,581	—
1200 coal coke	163	1	—	—	68	37	58	—	—
Total petroleum and petroleum products	3,417	881	18	317	1,079	628	425	28	41
Subtotal crude petroleum	6	6	—	—	—	—	—	—	—
2100 crude petroleum	6	6	—	—	—	—	—	—	—
Subtotal petroleum products	3,411	875	18	317	1,079	628	425	28	41
2211 gasoline	143	54	13	—	7	69	—	—	—
2330 distillate fuel oil	787	130	—	—	527	21	79	13	17
2340 residual fuel oil	133	48	—	—	72	—	7	7	—
2350 lube oil & greases	46	19	—	—	4	23	—	—	—
2429 naphtha & solvents	120	96	—	—	15	—	—	8	—
2430 asphalt, tar & pitch	503	422	—	—	34	6	17	—	24
2540 petroleum coke	1,679	105	5	317	421	508	323	—	—
Total chemicals and related products	1,376	795	1	—	284	200	68	—	28
Subtotal fertilizers	83	18	—	—	—	65	—	—	—
3110 nitrogenous fert.	59	15	—	—	—	44	—	—	—
3120 phosphatic fert.	2	—	—	—	—	2	—	—	—
3130 potassic fert.	10	—	—	—	—	10	—	—	—
3190 fert. & mixes nec	12	3	—	—	—	9	—	—	—
Subtotal other chemicals and related products	1,293	777	1	—	284	135	68	—	28
3212 benzene & toluene	75	14	—	—	61	—	—	—	—
3219 other hydrocarbons	69	40	—	—	3	—	—	—	26
3220 alcohols	512	145	1	—	214	82	68	—	1
3260 organic comp. nec	33	33	—	—	—	—	—	—	—
3274 sodium hydroxide	528	522	—	—	4	—	—	—	1
3275 inorg. elem., oxides, & halogen salts	54	11	—	—	—	42	—	—	—
3276 metallic salts	14	11	—	—	2	1	—	—	—
3279 inorganic chem. nec	9	0	—	—	—	9	—	—	—
Total crude materials, inedible except fuels	3,028	442	67	636	328	531	724	299	—
Subtotal forest products, wood and chips	90	87	—	—	—	3	—	—	—
4161 wood chips	90	87	—	—	—	3	—	—	—
Subtotal soil, sand, gravel, rock and stone	1,457	158	—	636	315	44	4	299	—
4331 sand & gravel	1,452	158	—	636	315	44	—	299	—
4335 waterway improv. mat	4	—	—	—	—	—	4	—	—
Subtotal iron ore and scrap	480	—	—	—	14	126	341	—	—
4410 iron ore	113	—	—	—	—	99	14	—	—
4420 iron & steel scrap	367	—	—	—	14	27	327	—	—
Subtotal non-ferrous ores and scrap	78	—	—	—	—	76	2	—	—
4650 aluminum ore	2	—	—	—	—	2	—	—	—
4670 manganese ore	48	—	—	—	—	46	2	—	—
4680 non-ferrous scrap	29	—	—	—	—	29	—	—	—
Subtotal sulphur, clay and salt	59	—	—	—	—	59	—	—	—
4782 clay & refrac. mat.	59	—	—	—	—	59	—	—	—

CHICAGO SANITARY AND SHIP CANAL, IL (INCLUDED IN PORT OF CHICAGO, ALSO INCLUDED IN STATISTICS FOR ILLINOIS WATERWAY)
Freight Traffic, 2010 - continued
(thousand short tons)

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Subtotal slag	183	---	---	---	---	1	182	---	---
4860 slag	183	---	---	---	---	1	182	---	---
Subtotal other non-metal. min.	681	197	67	---	---	223	195	---	---
4900 non-metal. min. nec	681	197	67	---	---	223	195	---	---
Total primary manufactured goods	1,945	626	---	---	3	781	536	---	---
Subtotal lime, cement and glass	794	527	---	---	---	2	265	---	---
5220 cement & concrete	794	527	---	---	---	2	265	---	---
Subtotal primary iron and steel products	1,057	83	---	---	---	724	250	---	---
5312 pig iron	508	2	---	---	---	490	16	---	---
5315 ferro alloys	131	---	---	---	---	131	---	---	---
5320 i&s primary forms	31	---	---	---	---	---	31	---	---
5330 i&s plates & sheets	313	36	---	---	---	90	187	---	---
5360 i&s bars & shapes	48	41	---	---	---	5	2	---	---
5370 i&s pipe & tube	6	2	---	---	---	2	1	---	---
5390 primary i&s nec	20	2	---	---	---	5	12	---	---
Subtotal primary non-ferrous metal products	95	16	---	---	3	56	20	---	---
5422 aluminum	8	2	---	---	3	---	3	---	---
5429 smelted prod. nec	4	4	---	---	---	---	---	---	---
5480 fab. metal products	83	10	---	---	---	56	17	---	---
Total food and farm products	491	17	---	---	14	89	371	---	---
Subtotal grain	274	---	---	---	2	25	248	---	---
6241 wheat	208	---	---	---	---	25	183	---	---
6344 corn	66	---	---	---	2	---	64	---	---
Subtotal oilseeds	138	---	---	---	1	13	124	---	---
6522 soybeans	138	---	---	---	1	13	124	---	---
Subtotal processed grain and animal feed	14	2	---	---	11	2	---	---	---
6782 animal feed, prep.	14	2	---	---	11	2	---	---	---
Subtotal other agricultural products	65	16	---	---	---	50	---	---	---
6861 sugar	64	16	---	---	---	48	---	---	---
6865 molasses	2	---	---	---	---	2	---	---	---
Total all manufactured equipment, machinery and products	196	---	---	---	---	187	10	---	---
7110 machinery (not elec)	2	---	---	---	---	---	2	---	---
7800 empty containers	36	---	---	---	---	30	6	---	---
7900 manufac. prod. nec	158	---	---	---	---	157	1	---	---
Ton-miles	180,958	31,770	354	40,384	12,569	25,858	26,621	42,714	688
Internal (x1000)									
Tons All Traffic (x1000)			13,153						
Ton-miles All Traffic (x1000)			181,059						
Total Trip-ton-miles Internal and Intraport (x1000)			8,792,301						

ILLINOIS WATERWAY, IL (CONSOLIDATED REPORT FOR ENTIRE WATERWAY)

Section Included: Illinois River, Grafton, IL to confluence of Desplaines and Kankakee Rivers thence Desplaines River to Lockport, IL; Chicago Sanitary and Ship Canal, Lockport, IL to Damen Avenue in Chicago; Chicago River (South Branch), Damen Avenue to Lake Street; Calumet-Sag Channel from its junction with the Chicago Sanitary and Ship Canal to Blue Island; and the Little Calumet River and Calumet River to Turning Basin No. 5 (130th Street Bridge). See reports for Illinois River, Chicago Sanitary and Ship Canal, Calumet-Sag Channel, and Chicago River, South Branch. Maintained Depth: 9 feet at low water stages.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
2001	43,490	2004	45,235	2007	41,122	2010	36,128
2002	43,032	2005	44,018	2008	37,302		
2003	45,009	2006	43,583	2009	36,417		

Freight Traffic, 2010 (thousand short tons)

Commodity	Total	Canadian Inbound
Total, all commodities	10	10
Total petroleum and petroleum products	10	10
Subtotal petroleum products	10	10
2330 distillate fuel oil	10	10
Ton-miles (x1000)	152	152
Canadian		

Commodity	Total
Total, all commodities	0
Ton-miles (x1000)	0

ILLINOIS WATERWAY, IL (CONSOLIDATED REPORT FOR ENTIRE WATERWAY)
 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	36,118	7,861	462	1,275	17,233	1,888	1,692	5,034	673
Total coal	4,670	636	---	---	96	126	61	3,751	---
1100 coal & lignite	4,474	628	---	---	2	90	3	3,751	---
1200 coal coke	196	8	---	---	94	37	58	---	---
Total petroleum and petroleum products	6,143	1,468	67	800	2,647	75	376	483	226
Subtotal crude petroleum	6	6	---	---	---	---	---	---	---
2100 crude petroleum	6	6	---	---	---	---	---	---	---
Subtotal petroleum products	6,136	1,462	67	800	2,647	75	376	483	226
2211 gasoline	191	157	13	---	15	5	---	---	---
2221 kerosene	3	---	---	---	3	---	---	---	---
2330 distillate fuel oil	1,316	121	---	1	921	20	79	70	104
2340 residual fuel oil	659	114	---	---	471	---	7	67	---
2350 lube oil & greases	128	88	---	---	18	17	---	1	4
2429 naphtha & solvents	258	234	---	---	15	---	---	8	---
2430 asphalt, tar & pitch	729	258	17	---	152	6	---	266	31
2540 petroleum coke	2,396	54	38	799	1,030	27	290	70	88
2990 petro. products nec	457	436	---	---	22	---	---	---	---
Total chemicals and related products	4,749	3,259	9	9	1,153	116	45	79	78
Subtotal fertilizers	1,495	1,400	---	---	26	63	---	---	5
3110 nitrogenous fert.	711	639	---	---	24	44	---	---	5
3120 phosphatic fert.	18	17	---	---	---	2	---	---	---
3130 potassic fert.	213	200	---	---	3	10	---	---	---
3190 fert. & mixes nec	552	544	---	---	---	8	---	---	---
Subtotal other chemicals and related products	3,254	1,859	9	9	1,127	53	45	79	73
3211 acyclic hydrocarbons	31	31	---	---	---	---	---	---	---
3212 benzene & toluene	90	17	---	---	72	---	---	---	---
3219 other hydrocarbons	614	562	---	---	6	---	---	---	46
3220 alcohols	1,429	220	9	9	1,041	---	45	79	26
3230 carboxylic acids	3	3	---	---	---	---	---	---	---
3260 organic comp. nec	47	46	---	---	1	---	---	---	---
3273 ammonia	320	320	---	---	---	---	---	---	---
3274 sodium hydroxide	544	538	---	---	4	---	---	---	1
3275 inorg. elem., oxides, & halogen salts	55	13	---	---	---	42	---	---	---
3276 metallic salts	39	36	---	---	2	1	---	---	---
3279 inorganic chem. nec	53	44	---	---	---	9	---	---	---
3299 chem. products nec	29	29	---	---	---	---	---	---	---
Total crude materials, inedible except fuels	3,834	998	264	465	206	515	424	647	315
Subtotal forest products, wood and chips	218	216	---	---	---	3	---	---	---
4150 fuel wood	3	3	---	---	---	---	---	---	---
4161 wood chips	214	211	---	---	---	3	---	---	---
4190 forest products nec	2	2	---	---	---	---	---	---	---
Subtotal pulp and waste paper	1	1	---	---	---	---	---	---	---
4225 pulp & waste paper	1	1	---	---	---	---	---	---	---
Subtotal soil, sand, gravel, rock and stone	1,633	137	---	463	42	25	4	647	315
4322 limestone	128	126	---	---	2	---	---	---	---
4331 sand & gravel	1,501	11	---	463	41	25	---	647	315
4335 waterway improv. mat	4	---	---	---	---	---	4	---	---
Subtotal iron ore and scrap	611	80	4	1	162	129	234	---	---
4410 iron ore	113	---	---	---	---	99	14	---	---
4420 iron & steel scrap	498	80	4	1	162	30	219	---	---
Subtotal non-ferrous ores and scrap	100	22	---	---	---	76	2	---	---
4650 aluminum ore	11	10	---	---	---	2	---	---	---
4670 manganese ore	61	13	---	---	---	46	2	---	---
4680 non-ferrous scrap	29	---	---	---	---	29	---	---	---
Subtotal sulphur, clay and salt	62	3	---	---	---	59	---	---	---
4782 clay & refrac. mat.	62	3	---	---	---	59	---	---	---
Subtotal slag	184	---	---	---	2	1	182	---	---
4860 slag	184	---	---	---	2	1	182	---	---
Subtotal other non-metal. min.	1,023	539	260	---	---	223	2	---	---
4900 non-metal. min. nec	1,023	539	260	---	---	223	2	---	---
Total primary manufactured goods	2,661	1,275	119	---	78	781	408	---	---
Subtotal lime, cement and glass	795	528	---	---	---	2	265	---	---
5220 cement & concrete	794	527	---	---	---	2	265	---	---
5290 misc. mineral prod.	1	1	---	---	---	---	---	---	---
Subtotal primary iron and steel products	1,751	710	119	---	67	724	131	---	---
5312 pig iron	1,101	595	---	---	---	490	16	---	---
5315 ferro alloys	139	8	---	---	1	131	---	---	---
5320 i&s primary forms	31	---	---	---	---	---	31	---	---

ILLINOIS WATERWAY, IL (CONSOLIDATED REPORT FOR ENTIRE WATERWAY)
 Freight Traffic, 2010 - continued
 (thousand short tons)

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
5330 i&s plates & sheets	356	57	116	—	23	90	71	—	—
5360 i&s bars & shapes	95	45	2	—	44	5	—	—	—
5370 i&s pipe & tube	6	2	1	—	—	2	—	—	—
5390 primary i&s nec	22	4	—	—	—	5	12	—	—
Subtotal primary	115	36	—	—	11	56	12	—	—
non-ferrous metal products									
5422 aluminum	8	2	—	—	3	—	3	—	—
5429 smelted prod. nec	4	4	—	—	—	—	—	—	—
5480 fab. metal products	103	30	—	—	8	56	9	—	—
Total food and farm products	13,839	198	1	2	13,053	87	370	75	54
Subtotal grain	9,449	36	1	—	9,068	25	246	19	54
6241 wheat	242	5	—	—	28	25	183	—	—
6344 corn	9,206	30	1	—	9,040	—	63	19	54
6442 rice	2	2	—	—	—	—	—	—	—
Subtotal oilseeds	2,769	14	—	—	2,618	13	124	—	—
6522 soybeans	2,712	—	—	—	2,576	13	124	—	—
6590 oilseeds nec	56	14	—	—	42	—	—	—	—
Subtotal vegetable products	73	73	—	—	—	—	—	—	—
6653 vegetable oils	73	73	—	—	—	—	—	—	—
Subtotal processed grain and animal feed	1,374	3	—	2	1,313	—	—	56	—
6747 grain mill products	21	—	—	—	21	—	—	—	—
6782 animal feed, prep.	1,352	3	—	2	1,292	—	—	56	—
Subtotal other agricultural products	175	72	—	—	54	50	—	—	—
6861 sugar	64	16	—	—	—	48	—	—	—
6865 molasses	58	56	—	—	—	2	—	—	—
6885 alcoholic beverages	54	—	—	—	54	—	—	—	—
Total all manufactured equipment, machinery and products	223	27	—	—	—	187	10	—	—
7110 machinery (not elec)	2	—	—	—	—	—	2	—	—
7500 textile products	3	3	—	—	—	—	—	—	—
7800 empty containers	36	—	—	—	—	30	6	—	—
7900 manufac. prod. nec	181	23	—	—	—	157	1	—	—
Ton-miles Internal (x1000)	6,444,655	1,692,561	46,370	48,259	3,221,730	612,384	549,791	219,560	54,000
Tons All Traffic (x1000)			36,128						
Ton-miles All Traffic (x1000)			6,444,807						
Total Trip-ton-miles Internal and Intraport (x1000)			33,495,352						

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
CHICAGO RIVER (MAIN AND NORTH BRANCH), IL												
	Upbound						Downbound					
Grand Total	671	---	1	274	396	---	716	---	1	284	428	3
FOREIGN												
Total ≤ 12	1	---	1	---	---	---	1	---	1	---	---	---
DOMESTIC												
Total ≤ 12	670	---	---	274	396	---	715	---	---	284	428	3
	670	---	---	274	396	---	715	---	---	284	428	3
										Total trips:		1,387
CHICAGO RIVER, SOUTH BRANCH, IL												
	Upbound						Downbound					
Grand Total	1,475	---	1	283	1,189	2	1,491	---	1	278	1,211	1
FOREIGN												
Total ≤ 12	1	---	1	---	---	---	1	---	1	---	---	---
DOMESTIC												
Total ≤ 12	1,474	---	---	283	1,189	2	1,490	---	---	278	1,211	1
	1,474	---	---	283	1,189	2	1,490	---	---	278	1,211	1
										Total trips:		2,966
LAKE CALUMET, IL												
	Upbound						Downbound					
Grand Total	387	32	---	54	293	8	409	34	---	64	304	7
FOREIGN												
Total	11	1	---	4	1	5	15	3	---	5	3	4
21	1	---	---	---	---	1	1	---	---	---	---	1
20	---	---	---	---	---	---	1	---	---	---	1	---
19	1	---	---	---	---	1	---	---	---	---	---	---
18	2	---	---	---	---	2	1	---	---	---	---	1
17	1	---	---	---	---	1	2	---	---	---	---	2
16	1	---	---	---	1	---	1	1	---	---	---	---
15	1	1	---	---	---	---	2	2	---	---	---	---
14	2	---	---	2	---	---	1	---	---	1	---	---
13	2	---	---	2	---	---	2	---	---	2	---	---
≤ 12	---	---	---	---	---	---	4	---	---	2	2	---
DOMESTIC												
Total	376	31	---	50	292	3	394	31	---	59	301	3
22	15	15	---	---	---	---	---	---	---	---	---	---
21	9	9	---	---	---	---	---	---	---	---	---	---
20	15	1	---	---	14	---	---	---	---	---	---	---
18	1	---	---	---	1	---	3	---	---	---	3	---
17	4	3	---	---	1	---	13	11	---	---	2	---
16	2	---	---	---	2	---	---	---	---	---	---	---
15	2	2	---	---	---	---	---	---	---	---	---	---
14	18	---	---	18	---	---	13	---	---	13	---	---
13	8	1	---	5	2	---	43	20	---	8	15	---
≤ 12	302	---	---	27	272	3	322	---	---	38	281	3
										Total trips:		796

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

CALUMET HARBOR AND RIVER, IL AND IN
Upbound

Downbound

Grand Total	4,888	323	1	1,741	2,643	180	4,809	355	1	1,726	2,557	170
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FOREIGN

Total	208	164	1	19	13	11	218	180	1	14	11	12
31	—	—	—	—	—	—	1	1	—	—	—	—
27	32	32	—	—	—	—	38	38	—	—	—	—
26	6	6	—	—	—	—	16	16	—	—	—	—
25	7	7	—	—	—	—	23	23	—	—	—	—
24	14	12	—	—	2	—	15	13	—	—	2	—
23	16	14	—	—	2	—	33	31	1	—	1	—
22	14	12	—	2	—	—	17	16	—	1	—	—
21	43	40	—	2	—	1	29	26	—	1	—	2
20	18	17	—	—	1	—	5	3	—	—	—	2
19	4	4	—	—	—	—	3	1	—	—	—	2
18	8	5	—	1	—	2	5	1	—	—	—	4
17	10	2	1	1	—	6	4	2	—	1	—	1
16	8	7	—	1	—	—	7	4	—	—	3	—
15	8	5	—	1	—	2	8	4	—	1	3	—
14	3	—	—	3	—	—	4	1	—	2	—	1
13	5	—	—	5	—	—	9	—	—	7	2	—
≤ 12	12	1	—	3	8	—	1	—	—	1	—	—

DOMESTIC

Total	4,680	159	—	1,722	2,630	169	4,591	175	—	1,712	2,546	158
26	1	1	—	—	—	—	—	—	—	—	—	—
25	15	4	—	—	11	—	4	—	—	2	2	—
24	6	6	—	—	—	—	9	7	—	1	1	—
23	15	8	—	—	7	—	21	4	—	1	16	—
22	18	16	—	—	2	—	29	24	—	—	5	—
21	29	21	—	1	7	—	16	14	—	—	2	—
20	45	37	—	2	6	—	25	10	—	—	15	—
19	28	19	—	1	8	—	57	52	—	—	5	—
18	18	5	—	1	12	—	40	24	—	—	16	—
17	83	14	—	58	11	—	100	28	—	58	14	—
16	9	—	—	—	9	—	29	2	—	7	20	—
15	3	—	—	—	3	—	7	2	—	—	5	—
14	13	—	—	13	—	—	19	1	—	18	—	—
13	107	20	—	72	15	—	66	2	—	62	2	—
≤ 12	4,290	8	—	1,574	2,539	169	4,169	5	—	1,563	2,443	158
										Total trips:		9,697

PORT OF CHICAGO, IL

Inbound

Outbound

Grand Total	11,577	1,362	2	3,033	5,958	1,222	11,584	1,342	2	3,069	5,989	1,182
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FOREIGN

Total	219	180	2	14	11	12	209	164	2	19	13	11
31	1	1	—	—	—	—	—	—	—	—	—	—
27	38	38	—	—	—	—	32	32	—	—	—	—
26	16	16	—	—	—	—	6	6	—	—	—	—
25	23	23	—	—	—	—	7	7	—	—	—	—
24	15	13	—	—	2	—	14	12	—	—	2	—
23	33	31	1	—	1	—	16	14	—	—	2	—
22	17	16	—	1	—	—	14	12	—	2	—	—
21	29	26	—	1	—	2	43	40	—	2	—	1
20	5	3	—	—	—	2	18	17	—	—	1	—
19	3	1	—	—	—	2	4	4	—	—	—	—
18	5	1	—	—	—	4	8	5	—	1	—	2
17	4	2	—	1	—	1	10	2	1	1	—	6
16	7	4	—	—	3	—	8	7	—	1	—	—
15	8	4	—	1	3	—	8	5	—	1	—	2
14	4	1	—	2	—	1	3	—	—	3	—	—
13	9	—	—	7	2	—	5	—	—	5	—	—
≤ 12	2	—	1	1	—	—	13	1	1	3	8	—

DOMESTIC

Total	11,358	1,182	—	3,019	5,947	1,210	11,375	1,178	—	3,050	5,976	1,171
26	—	—	—	—	—	—	1	1	—	—	—	—
25	4	—	—	2	2	—	15	4	—	—	11	—

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 CHICAGO, IL - continued

	Inbound						Outbound					
DOMESTIC												
24	9	7	—	1	1	—	6	6	—	—	—	—
23	21	4	—	1	16	—	15	8	—	—	7	—
22	29	24	—	—	5	—	18	16	—	—	2	—
21	25	23	—	—	2	—	29	21	—	1	7	—
20	24	6	—	—	18	—	45	37	—	2	6	—
19	48	46	—	—	2	—	29	20	—	1	8	—
18	38	22	—	—	16	—	20	7	—	1	12	—
17	95	25	—	57	13	—	88	17	—	59	12	—
16	27	2	—	6	19	—	11	—	—	1	10	—
15	7	2	—	—	5	—	3	—	—	—	3	—
14	19	1	—	18	—	—	13	—	—	13	—	—
13	65	2	—	61	2	—	108	20	—	73	15	—
≤ 12	10,947	1,018	—	2,873	5,846	1,210	10,974	1,021	—	2,899	5,883	1,171
										Total trips:		23,161

INDIANA HARBOR, IN

	Inbound						Outbound					
Grand Total												
	999	224	—	330	271	174	999	219	—	322	278	180
FOREIGN												
Total	20	—	—	9	—	11	19	—	—	10	—	9
20	—	—	—	—	—	—	1	—	—	—	—	1
19	—	—	—	—	—	—	7	—	—	—	—	7
16	8	—	—	8	—	—	9	—	—	8	—	1
13	—	—	—	—	—	—	2	—	—	2	—	—
≤ 12	12	—	—	1	—	11	—	—	—	—	—	—
DOMESTIC												
Total	979	224	—	321	271	163	980	219	—	312	278	171
31	11	—	—	—	11	—	—	—	—	—	—	—
30	30	30	—	—	—	—	—	—	—	—	—	—
29	15	15	—	—	—	—	—	—	—	—	—	—
28	21	19	—	1	1	—	—	—	—	—	—	—
27	99	99	—	—	—	—	—	—	—	—	—	—
26	36	25	—	11	—	—	11	—	—	11	—	—
25	18	17	—	—	1	—	7	7	—	—	—	—
24	11	10	—	—	1	—	—	—	—	—	—	—
23	1	1	—	—	—	—	31	31	—	—	—	—
22	1	1	—	—	—	—	14	3	—	—	11	—
21	4	4	—	—	—	—	15	15	—	—	—	—
20	3	3	—	—	—	—	38	38	—	—	—	—
19	2	—	—	—	—	2	90	89	—	—	1	—
18	10	—	—	—	—	10	40	23	—	—	3	14
17	3	—	—	—	—	3	6	3	—	—	—	3
16	50	—	—	40	—	10	68	10	—	46	—	12
15	15	—	—	—	—	15	12	—	—	—	—	12
14	4	—	—	—	—	4	8	—	—	—	—	8
13	14	—	—	14	—	—	11	—	—	11	—	—
≤ 12	631	—	—	255	257	119	629	—	—	244	263	122
										Total trips:		1,998

BURNS WATERWAY HARBOR, IN

	Inbound						Outbound					
Grand Total												
	621	132	—	219	251	19	642	137	—	214	273	18
FOREIGN												
Total	28	25	—	1	2	—	28	27	—	—	1	—
27	5	5	—	—	—	—	3	3	—	—	—	—
26	5	3	—	—	2	—	1	1	—	—	—	—
25	3	3	—	—	—	—	4	4	—	—	—	—
24	3	3	—	—	—	—	5	4	—	—	1	—
23	3	3	—	—	—	—	3	3	—	—	—	—
22	4	4	—	—	—	—	—	—	—	—	—	—
21	4	3	—	1	—	—	8	8	—	—	—	—
20	1	1	—	—	—	—	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

BURNS WATERWAY HARBOR, IN - continued
Inbound

Outbound

FOREIGN

18	—	—	—	—	—	—	1	1	—	—	—	—
----	---	---	---	---	---	---	---	---	---	---	---	---

DOMESTIC

Total	593	107	—	218	249	19	614	110	—	214	272	18
29	1	1	—	—	—	—	—	—	—	—	—	—
28	2	2	—	—	—	—	—	—	—	—	—	—
27	63	63	—	—	—	—	3	3	—	—	—	—
26	15	15	—	—	—	—	—	—	—	—	—	—
25	11	9	—	1	1	—	3	3	—	—	—	—
24	13	9	—	2	2	—	6	6	—	—	—	—
23	5	4	—	—	1	—	28	28	—	—	—	—
22	1	1	—	—	—	—	1	1	—	—	—	—
21	—	—	—	—	—	—	9	5	—	2	2	—
20	3	3	—	—	—	—	15	14	—	—	1	—
19	—	—	—	—	—	—	46	40	—	—	6	—
18	2	—	—	—	2	—	14	8	—	—	6	—
17	—	—	—	—	—	—	2	2	—	—	—	—
16	13	—	—	11	2	—	14	—	—	11	3	—
14	8	—	—	—	—	8	8	—	—	—	—	8
13	23	—	—	23	—	—	25	—	—	25	—	—
≤ 12	433	—	—	181	241	11	440	—	—	176	254	10
Total trips:											1,263	

CHICAGO HARBOR, IL
(12 feet and less)

Upbound

Downbound

Grand Total	1,066	1,013	1	41	11	—	1,084	1,013	1	46	22	2
Total trips:											2,150	

MICHIGAN CITY HARBOR, IN
(9 feet and less)

Inbound

Outbound

Grand Total	—	—	—	—	—	—	1	—	—	1	—	1
Total trips:											1	

WAUKEGAN HARBOR, IL
(25 feet and less)

Inbound

Outbound

Grand Total	89	7	—	51	31	—	88	7	—	53	28	—
Total trips:											177	

BUFFINGTON HARBOR, IN
(30 feet and less)

Inbound

Outbound

Grand Total	64	19	—	22	23	—	55	15	—	19	21	—
Total trips:											119	

GARY HARBOR, IN
(31 feet and less)

Inbound

Outbound

Grand Total	425	163	—	105	157	—	426	169	—	105	152	—
Total trips:											851	

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
TWO HARBORS (AGATE BAY), MN												
	Inbound						Outbound					
Grand Total	345	272	---	35	38	---	324	252	---	35	37	---
FOREIGN												
Total	44	43	---	1	---	---	17	17	---	---	---	---
27	1	1	---	---	---	---	14	14	---	---	---	---
26	---	---	---	---	---	---	2	2	---	---	---	---
25	1	1	---	---	---	---	---	---	---	---	---	---
24	20	20	---	---	---	---	1	1	---	---	---	---
23	11	10	---	1	---	---	---	---	---	---	---	---
22	3	3	---	---	---	---	---	---	---	---	---	---
21	3	3	---	---	---	---	---	---	---	---	---	---
20	3	3	---	---	---	---	---	---	---	---	---	---
15	1	1	---	---	---	---	---	---	---	---	---	---
14	1	1	---	---	---	---	---	---	---	---	---	---
DOMESTIC												
Total	301	229	---	34	38	---	307	235	---	35	37	---
30	---	---	---	---	---	---	1	1	---	---	---	---
29	1	1	---	---	---	---	5	4	---	---	1	---
27	1	1	---	---	---	---	103	101	---	1	1	---
26	15	14	---	---	---	---	172	114	---	28	30	---
25	6	4	---	---	2	---	20	11	---	4	5	---
24	3	2	---	---	1	---	1	1	---	---	---	---
23	89	89	---	---	---	---	1	1	---	---	---	---
22	68	4	---	32	32	---	1	---	---	1	---	---
21	17	17	---	---	---	---	1	1	---	---	---	---
20	11	9	---	1	1	---	1	---	---	1	---	---
19	64	64	---	---	---	---	---	---	---	---	---	---
18	12	12	---	---	---	---	1	1	---	---	---	---
17	1	1	---	---	---	---	---	---	---	---	---	---
16	11	11	---	---	---	---	---	---	---	---	---	---
≤ 12	2	---	---	1	1	---	---	---	---	---	---	---
											Total trips:	669
DULUTH-SUPERIOR HARBOR, MN AND WI												
	Inbound						Outbound					
Grand Total	1,036	976	---	31	29	---	1,009	946	---	31	32	---
FOREIGN												
Total	405	403	---	2	---	---	373	370	---	3	---	---
29	1	1	---	---	---	---	---	---	---	---	---	---
28	1	1	---	---	---	---	1	1	---	---	---	---
27	1	1	---	---	---	---	290	289	---	1	---	---
26	12	12	---	---	---	---	33	33	---	---	---	---
25	24	24	---	---	---	---	14	14	---	---	---	---
24	98	98	---	---	---	---	9	9	---	---	---	---
23	133	132	---	1	---	---	9	9	---	---	---	---
22	64	64	---	---	---	---	6	6	---	---	---	---
21	19	19	---	---	---	---	2	2	---	---	---	---
20	30	30	---	---	---	---	2	2	---	---	---	---
19	3	3	---	---	---	---	---	---	---	---	---	---
18	4	4	---	---	---	---	1	---	---	1	---	---
17	3	3	---	---	---	---	---	---	---	---	---	---
15	3	3	---	---	---	---	---	---	---	---	---	---
≤ 12	9	8	---	1	---	---	6	5	---	1	---	---
DOMESTIC												
Total	631	573	---	29	29	---	636	576	---	28	32	---
31	---	---	---	---	---	---	1	1	---	---	---	---
30	---	---	---	---	---	---	4	---	---	---	4	---
29	2	2	---	---	---	---	3	3	---	---	---	---
28	3	3	---	---	---	---	8	8	---	---	---	---
27	3	3	---	---	---	---	249	249	---	---	---	---
26	19	8	---	9	2	---	141	109	---	18	14	---
25	49	41	---	3	5	---	21	20	---	---	1	---
24	50	43	---	4	3	---	17	17	---	---	---	---
23	214	211	---	---	3	---	12	11	---	---	1	---
22	45	26	---	7	12	---	38	26	---	5	7	---
21	9	9	---	---	---	---	38	38	---	---	---	---

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

DULUTH-SUPERIOR HARBOR, MN AND WI - continued
Inbound

Outbound

DOMESTIC

20	12	12	—	—	—	—	13	12	—	1	—	—
19	169	168	—	—	1	—	43	43	—	—	—	—
18	28	26	—	—	2	—	17	15	—	—	—	—
17	10	3	—	6	1	—	18	13	—	4	1	—
16	14	14	—	—	—	—	3	3	—	—	—	—
15	1	1	—	—	—	—	—	—	—	—	—	—
14	1	1	—	—	—	—	—	—	—	—	—	—
≤ 12	2	2	—	—	—	—	10	8	—	—	2	—
											Total trips:	2,045

TACONITE HARBOR, MN

Inbound

Outbound

Grand Total	18	17	—	—	1	—	19	17	—	1	1	—
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DOMESTIC

Total	18	17	—	—	1	—	19	17	—	1	1	—
27	4	4	—	—	—	—	—	—	—	—	—	—
26	5	5	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	2	—	—	1	1	—
24	3	3	—	—	—	—	1	1	—	—	—	—
23	2	2	—	—	—	—	9	9	—	—	—	—
22	2	2	—	—	—	—	—	—	—	—	—	—
18	1	—	—	—	1	—	7	7	—	—	—	—
17	1	1	—	—	—	—	—	—	—	—	—	—
											Total trips:	37

PRESQUE ISLE HARBOR, MI

Inbound

Outbound

Grand Total	377	302	—	38	37	—	366	298	—	34	34	—
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FOREIGN

Total	144	139	—	3	2	—	124	122	—	1	1	—
25	—	—	—	—	—	—	1	1	—	—	—	—
24	1	1	—	—	—	—	26	26	—	—	—	—
23	79	79	—	—	—	—	90	89	—	—	1	—
22	16	16	—	—	—	—	4	4	—	—	—	—
21	14	14	—	—	—	—	1	—	—	1	—	—
20	27	24	—	3	—	—	2	2	—	—	—	—
19	1	1	—	—	—	—	—	—	—	—	—	—
18	1	1	—	—	—	—	—	—	—	—	—	—
17	2	—	—	—	2	—	—	—	—	—	—	—
≤ 12	3	3	—	—	—	—	—	—	—	—	—	—

DOMESTIC

Total	233	163	—	35	35	—	242	176	—	33	33	—
29	—	—	—	—	—	—	1	1	—	—	—	—
28	1	1	—	—	—	—	—	—	—	—	—	—
27	17	17	—	—	—	—	123	111	—	6	6	—
26	11	8	—	2	1	—	41	30	—	6	5	—
25	8	1	—	3	4	—	9	1	—	4	4	—
24	8	2	—	3	3	—	—	—	—	—	—	—
23	64	48	—	8	8	—	35	27	—	4	4	—
22	6	2	—	2	2	—	2	1	—	—	1	—
21	3	3	—	—	—	—	—	—	—	—	—	—
19	19	15	—	2	2	—	—	—	—	—	—	—
18	88	64	—	12	12	—	13	5	—	4	4	—
17	8	2	—	3	3	—	12	—	—	6	6	—
≤ 12	—	—	—	—	—	—	6	—	—	3	3	—
											Total trips:	743

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
MARQUETTE HARBOR, MI												
				Inbound						Outbound		
Grand Total	67	24	---	21	22	---	58	19	---	19	20	---
FOREIGN												
Total	12	5	---	3	4	---	---	---	---	---	---	---
22	6	3	---	---	3	---	---	---	---	---	---	---
21	2	2	---	---	---	---	---	---	---	---	---	---
20	3	---	---	3	---	---	---	---	---	---	---	---
17	1	---	---	---	1	---	---	---	---	---	---	---
DOMESTIC												
Total	55	19	---	18	18	---	58	19	---	19	20	---
27	7	---	---	---	7	---	2	---	---	1	1	---
26	3	---	---	3	---	---	11	---	---	7	4	---
23	4	---	---	2	2	---	10	4	---	3	3	---
22	18	10	---	4	4	---	12	---	---	4	8	---
21	8	4	---	4	---	---	1	1	---	---	---	---
20	3	3	---	---	---	---	---	---	---	---	---	---
19	2	2	---	---	---	---	5	5	---	---	---	---
18	---	---	---	---	---	---	16	8	---	4	4	---
17	2	---	---	1	1	---	1	1	---	---	---	---
≤ 12	8	---	---	4	4	---	---	---	---	---	---	---
										Total trips:		125
DRUMMOND ISLAND, MI												
				Inbound						Outbound		
Grand Total	17,565	17,501	---	31	33	---	17,575	17,504	---	35	36	---
FOREIGN												
Total	16	13	---	2	1	---	23	18	---	3	2	---
26	---	---	---	---	---	---	6	6	---	---	---	---
25	---	---	---	---	---	---	10	9	---	---	1	---
24	1	1	---	---	---	---	1	---	---	---	1	---
23	1	1	---	---	---	---	1	1	---	---	---	---
22	2	---	---	2	---	---	2	---	---	2	---	---
21	---	---	---	---	---	---	1	---	---	1	---	---
20	3	3	---	---	---	---	2	2	---	---	---	---
19	4	4	---	---	---	---	---	---	---	---	---	---
18	2	2	---	---	---	---	---	---	---	---	---	---
17	1	---	---	---	1	---	---	---	---	---	---	---
15	1	1	---	---	---	---	---	---	---	---	---	---
≤ 12	1	1	---	---	---	---	---	---	---	---	---	---
DOMESTIC												
Total	17,549	17,488	---	29	32	---	17,552	17,486	---	32	34	---
27	---	---	---	---	---	---	2	---	---	---	2	---
26	1	---	---	1	---	---	1	---	---	1	---	---
25	---	---	---	---	---	---	5	---	---	1	4	---
24	2	---	---	1	1	---	26	2	---	12	12	---
23	2	---	---	1	1	---	17	4	---	6	7	---
22	13	---	---	11	2	---	16	3	---	9	4	---
21	---	---	---	---	---	---	7	2	---	3	2	---
19	5	5	---	---	---	---	1	---	---	---	1	---
18	11	3	---	4	4	---	---	---	---	---	---	---
17	5	5	---	---	---	---	---	---	---	---	---	---
16	8	---	---	4	4	---	---	---	---	---	---	---
≤ 12	17,502	17,475	---	7	20	---	17,477	17,475	---	---	2	---
										Total trips:		35,140
ST. MARYS RIVER, MI												
				Upbound						Downbound		
Grand Total	80,110	79,270	3	450	363	24	44,742	44,168	1	355	199	19
FOREIGN												
Total	1,082	915	3	80	60	24	851	742	1	48	41	19

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

ST. MARYS RIVER, MI - continued

Upbound

Downbound

FOREIGN

30	2	2	—	—	—	—	—	—	—	—	—	—
29	1	1	—	—	—	—	1	1	—	—	—	—
28	3	1	2	—	—	—	1	1	—	—	—	—
27	7	6	1	—	—	—	377	377	—	1	1	—
26	22	22	—	—	—	—	71	69	—	—	2	—
25	53	52	—	—	1	—	25	25	—	—	—	—
24	157	155	—	—	2	—	48	47	1	—	—	—
23	289	284	—	2	3	—	124	120	—	—	4	—
22	133	123	—	5	5	—	40	32	—	8	—	—
21	88	79	—	6	2	1	22	13	—	6	1	2
20	114	96	—	12	6	—	45	35	—	4	4	2
19	47	25	—	19	2	1	9	4	—	2	2	1
18	33	21	—	7	3	2	13	2	—	5	4	2
17	27	8	—	5	8	6	11	1	—	—	9	1
16	13	6	—	—	3	4	16	5	—	—	4	7
15	32	9	—	6	14	3	16	7	—	3	5	1
14	4	2	—	2	—	—	5	—	—	1	2	2
13	8	3	—	5	—	—	11	—	—	8	2	1
≤ 12	49	20	—	11	11	7	14	3	—	10	1	—

DOMESTIC

Total	79,028	78,355	—	370	303	—	43,891	43,426	—	307	158	—
31	—	—	—	—	—	—	1	1	—	—	—	—
30	—	—	—	—	—	—	9	1	—	—	8	—
29	3	3	—	—	—	—	9	8	—	—	1	—
28	3	3	—	—	—	—	3	3	—	—	—	—
27	10	3	—	—	7	—	544	527	—	8	9	—
26	22	7	—	13	2	—	405	264	—	73	68	—
25	68	43	—	9	16	—	54	32	—	10	12	—
24	83	45	—	19	19	—	12	10	—	1	1	—
23	353	321	—	14	18	—	15	8	—	3	4	—
22	146	31	—	62	53	—	9	7	—	1	1	—
21	25	15	—	7	3	—	40	40	—	—	—	—
20	18	16	—	1	1	—	7	5	—	2	—	—
19	278	272	—	2	4	—	14	14	—	—	—	—
18	118	91	—	12	15	—	21	11	—	4	6	—
17	52	37	—	10	5	—	22	5	—	10	7	—
16	39	31	—	4	4	—	—	—	—	—	—	—
15	1	1	—	—	—	—	—	—	—	—	—	—
14	1	1	—	—	—	—	—	—	—	—	—	—
≤ 12	77,808	77,435	—	217	156	—	42,726	42,490	—	195	41	—

Total trips: 124,852

ST. MARYS FALLS CANAL, MI AND SAULT STE. MARIE, ONTARIO SHIP CANAL, CN (INCLUDED IN ST. MARYS RIVER)

Upbound

Downbound

Grand Total	1,996	1,578	3	223	187	5	1,904	1,556	1	188	159	—
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FOREIGN

Total	757	679	3	38	32	5	626	614	1	6	5	—
29	1	1	—	—	—	—	—	—	—	—	—	—
28	3	1	2	—	—	—	1	1	—	—	—	—
27	6	5	1	—	—	—	364	363	—	1	—	—
26	14	14	—	—	—	—	50	50	—	—	—	—
25	36	36	—	—	—	—	20	20	—	—	—	—
24	141	141	—	—	—	—	41	40	1	—	—	—
23	238	236	—	2	—	—	111	108	—	—	3	—
22	94	89	—	1	4	—	10	10	—	—	—	—
21	51	50	—	1	—	—	5	4	—	1	—	—
20	81	71	—	6	4	—	15	14	—	—	1	—
19	25	7	—	17	—	1	1	—	—	1	—	—
18	12	6	—	4	2	—	3	1	—	2	—	—
17	18	6	—	5	5	2	1	1	—	—	—	—
16	6	2	—	—	3	1	2	1	—	—	1	—
15	20	5	—	1	13	1	—	—	—	—	—	—
14	1	1	—	—	—	—	—	—	—	—	—	—
≤ 12	10	8	—	1	1	—	2	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

ST. MARYS FALLS CANAL, MI AND SAULT STE. MARIE, ONTARIO SHIP CANAL, CN (INCLUDED IN ST. MARYS RIVER) - continued
Upbound Downbound

DOMESTIC

Total	1,239	899	---	185	155	---	1,278	942	---	182	154	---
31	---	---	---	---	---	---	1	1	---	---	---	---
30	---	---	---	---	---	---	9	1	---	---	8	---
29	3	3	---	---	---	---	9	8	---	---	1	---
28	3	3	---	---	---	---	3	3	---	---	---	---
27	10	3	---	---	7	---	544	527	---	8	9	---
26	21	7	---	12	2	---	405	264	---	73	68	---
25	63	43	---	8	12	---	54	32	---	10	12	---
24	58	44	---	7	7	---	12	10	---	1	1	---
23	334	317	---	7	10	---	15	8	---	3	4	---
22	126	30	---	45	51	---	9	7	---	1	1	---
21	19	13	---	5	1	---	40	40	---	---	---	---
20	18	16	---	1	1	---	7	5	---	2	---	---
19	273	268	---	2	3	---	14	14	---	---	---	---
18	107	88	---	8	11	---	21	11	---	4	6	---
17	45	30	---	10	5	---	22	5	---	10	7	---
16	31	31	---	---	---	---	---	---	---	---	---	---
15	1	1	---	---	---	---	---	---	---	---	---	---
14	1	1	---	---	---	---	---	---	---	---	---	---
≤ 12	126	1	---	80	45	---	113	6	---	70	37	---
										Total trips:		3,900

GRAYS REEF PASSAGE, MI

	Upbound						Downbound					
Grand Total	927	540	---	174	181	32	587	216	---	177	168	26

FOREIGN

Total	33	23	---	5	5	---	22	9	---	7	6	---
25	1	1	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	1	1	---	---	---	---
23	3	3	---	---	---	---	3	1	---	---	2	---
22	---	---	---	---	---	---	5	3	---	2	---	---
21	10	10	---	---	---	---	4	3	---	1	---	---
20	3	3	---	---	---	---	---	---	---	---	---	---
19	2	2	---	---	---	---	3	1	---	---	2	---
18	---	---	---	---	---	---	2	---	---	---	2	---
17	1	1	---	---	---	---	---	---	---	---	---	---
14	1	1	---	---	---	---	---	---	---	---	---	---
≤ 12	12	2	---	5	5	---	4	---	---	4	---	---

DOMESTIC

Total	894	517	---	169	176	32	565	207	---	170	162	26
25	28	11	---	7	10	---	60	39	---	10	11	---
24	17	10	---	3	4	---	70	43	---	12	15	---
23	153	145	---	3	5	---	53	21	---	---	32	---
22	76	37	---	19	20	---	50	27	---	10	13	---
21	45	34	---	2	9	---	30	16	---	2	12	---
20	68	62	---	1	5	---	30	18	---	3	9	---
19	144	131	---	---	13	---	33	20	---	3	10	---
18	58	39	---	1	12	6	23	6	---	1	10	6
17	88	17	---	63	4	4	79	6	---	66	4	3
16	65	14	---	30	14	7	35	2	---	24	5	4
15	33	1	---	---	22	10	9	1	---	---	---	8
14	7	---	---	---	5	2	6	2	---	---	---	4
13	8	---	---	8	---	---	13	1	---	12	---	---
≤ 12	104	16	---	32	53	3	74	5	---	27	41	1
										Total trips:		1,514

MANISTEE HARBOR, MI

	Inbound						Outbound					
Grand Total	41	29	---	6	6	---	35	27	---	4	4	---

FOREIGN

Total	10	6	---	2	2	---	6	6	---	---	---	---
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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

MANISTEE HARBOR, MI - continued

	Inbound						Outbound					
FOREIGN												
24	2	2	—	—	—	—	—	—	—	—	—	—
22	1	—	—	1	—	—	—	—	—	—	—	—
21	3	3	—	—	—	—	—	—	—	—	—	—
20	2	1	—	—	1	—	—	—	—	—	—	—
19	—	—	—	—	—	—	2	2	—	—	—	—
18	1	—	—	—	1	—	—	—	—	—	—	—
17	—	—	—	—	—	—	1	1	—	—	—	—
14	—	—	—	—	—	—	1	1	—	—	—	—
≤ 12	1	—	—	1	—	—	2	2	—	—	—	—
DOMESTIC												
Total	31	23	—	4	4	—	29	21	—	4	4	—
22	1	1	—	—	—	—	—	—	—	—	—	—
21	7	7	—	—	—	—	—	—	—	—	—	—
20	10	8	—	1	1	—	1	1	—	—	—	—
19	12	6	—	3	3	—	8	8	—	—	—	—
18	1	1	—	—	—	—	5	5	—	—	—	—
17	—	—	—	—	—	—	7	7	—	—	—	—
16	—	—	—	—	—	—	8	—	—	4	4	—
											Total trips:	76

MUSKEGON HARBOR, MI

	Inbound						Outbound					
Grand Total	125	36	—	39	50	—	118	33	—	38	47	—
FOREIGN												
Total	9	9	—	—	—	—	7	7	—	—	—	—
26	1	1	—	—	—	—	—	—	—	—	—	—
25	4	4	—	—	—	—	—	—	—	—	—	—
24	4	4	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	1	1	—	—	—	—
20	—	—	—	—	—	—	1	1	—	—	—	—
19	—	—	—	—	—	—	3	3	—	—	—	—
18	—	—	—	—	—	—	2	2	—	—	—	—
DOMESTIC												
Total	116	27	—	39	50	—	111	26	—	38	47	—
27	9	9	—	—	—	—	—	—	—	—	—	—
26	8	1	—	—	7	—	—	—	—	—	—	—
25	2	1	—	—	1	—	—	—	—	—	—	—
24	8	3	—	1	4	—	—	—	—	—	—	—
23	5	4	—	—	1	—	1	—	—	—	1	—
22	4	4	—	—	—	—	—	—	—	—	—	—
21	1	1	—	—	—	—	—	—	—	—	—	—
20	6	—	—	—	6	—	—	—	—	—	—	—
19	4	1	—	—	3	—	26	18	—	—	8	—
18	4	—	—	—	4	—	20	2	—	—	18	—
17	14	—	—	11	3	—	16	—	—	11	5	—
16	3	—	—	—	3	—	8	3	—	1	4	—
15	1	—	—	—	1	—	2	—	—	—	2	—
14	—	—	—	—	—	—	1	—	—	—	1	—
13	22	—	—	22	—	—	25	—	—	25	—	—
≤ 12	25	3	—	5	17	—	12	3	—	1	8	—
											Total trips:	243

GRAND HAVEN HARBOR AND GRAND RIVER, MI

	Upbound						Downbound					
Grand Total	108	46	—	30	32	—	94	41	—	25	28	—
FOREIGN												
Total	7	7	—	—	—	—	4	4	—	—	—	—
22	4	4	—	—	—	—	—	—	—	—	—	—
20	2	2	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	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
GRAND HAVEN HARBOR AND GRAND RIVER, MI - continued												
Upbound						Downbound						
FOREIGN												
17	1	1	—	—	—	—	1	1	—	—	—	—
≤ 12	—	—	—	—	—	—	1	1	—	—	—	—
DOMESTIC												
Total	101	39	—	30	32	—	90	37	—	25	28	—
25	1	1	—	—	—	—	—	—	—	—	—	—
24	4	4	—	—	—	—	—	—	—	—	—	—
22	2	2	—	—	—	—	1	1	—	—	—	—
21	19	11	—	4	4	—	—	—	—	—	—	—
20	20	16	—	1	3	—	6	6	—	—	—	—
19	13	1	—	—	12	—	13	13	—	—	—	—
18	1	—	—	—	1	—	7	7	—	—	—	—
17	—	—	—	—	—	—	7	7	—	—	—	—
16	1	1	—	—	—	—	10	—	—	5	5	—
14	4	—	—	4	—	—	2	—	—	2	—	—
13	16	3	—	12	1	—	16	3	—	10	3	—
≤ 12	20	—	—	9	11	—	28	—	—	8	20	—
											Total trips:	202
ST. JOSEPH HARBOR, MI												
Upbound						Downbound						
Grand Total	66	14	—	28	24	—	174	15	—	99	60	—
FOREIGN												
Total	7	5	—	1	1	—	4	4	—	—	—	—
24	1	1	—	—	—	—	—	—	—	—	—	—
21	1	1	—	—	—	—	—	—	—	—	—	—
20	4	3	—	—	1	—	—	—	—	—	—	—
≤ 12	1	—	—	1	—	—	4	4	—	—	—	—
DOMESTIC												
Total	59	9	—	27	23	—	170	11	—	99	60	—
25	4	—	—	—	4	—	—	—	—	—	—	—
21	1	—	—	—	1	—	1	—	—	—	1	—
20	5	3	—	—	2	—	2	—	—	—	2	—
19	4	4	—	—	—	—	6	6	—	—	—	—
17	18	—	—	18	—	—	20	3	—	17	—	—
16	3	—	—	—	3	—	4	—	—	—	4	—
15	7	—	—	—	7	—	10	—	—	—	10	—
14	1	—	—	—	1	—	1	—	—	—	1	—
13	2	—	—	2	—	—	2	—	—	2	—	—
≤ 12	14	2	—	7	5	—	124	2	—	80	42	—
											Total trips:	240
MILWAUKEE HARBOR, WI												
Inbound						Outbound						
Grand Total	851	603	—	143	94	11	833	601	—	132	90	10
FOREIGN												
Total	78	77	—	1	—	—	76	75	—	1	—	—
27	15	15	—	—	—	—	6	6	—	—	—	—
26	15	15	—	—	—	—	5	5	—	—	—	—
25	8	8	—	—	—	—	5	5	—	—	—	—
24	9	9	—	—	—	—	6	6	—	—	—	—
23	7	7	—	—	—	—	8	8	—	—	—	—
22	7	7	—	—	—	—	12	12	—	—	—	—
21	6	6	—	—	—	—	21	21	—	—	—	—
20	7	7	—	—	—	—	8	8	—	—	—	—
19	1	1	—	—	—	—	2	2	—	—	—	—
18	2	2	—	—	—	—	—	—	—	—	—	—
13	1	—	—	1	—	—	1	—	—	1	—	—
≤ 12	—	—	—	—	—	—	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

MILWAUKEE HARBOR, WI - continued

	Inbound						Outbound					
DOMESTIC												
Total	773	526	---	142	94	11	757	526	---	131	90	10
26	1	1	---	---	---	---	---	---	---	---	---	---
25	11	7	---	1	3	---	---	---	---	---	---	---
24	14	9	---	2	3	---	1	---	---	---	1	---
23	23	4	---	---	19	---	25	3	---	2	20	---
22	5	4	---	---	1	---	1	---	---	---	1	---
21	16	9	---	---	7	---	6	---	---	---	6	---
20	11	1	---	---	10	---	2	---	---	---	2	---
19	4	---	---	---	4	---	23	19	---	---	4	---
18	11	---	---	---	3	8	22	2	---	1	12	7
17	50	---	---	46	4	---	55	7	---	42	6	---
16	16	1	---	11	2	2	15	---	---	10	3	2
15	5	1	---	---	3	1	4	---	---	---	3	1
14	14	1	---	12	1	---	9	---	---	9	---	---
13	30	3	---	25	2	---	48	8	---	29	11	---
≤ 12	562	485	---	45	32	---	546	487	---	38	21	---
										Total trips:		1,684

GREEN BAY HARBOR, WI

	Upbound						Downbound					
Grand Total	971	100	---	427	439	5	940	90	---	417	429	4
FOREIGN												
Total	28	28	---	---	---	---	18	18	---	---	---	---
26	2	2	---	---	---	---	---	---	---	---	---	---
25	2	2	---	---	---	---	1	1	---	---	---	---
24	8	8	---	---	---	---	---	---	---	---	---	---
23	4	4	---	---	---	---	3	3	---	---	---	---
22	4	4	---	---	---	---	2	2	---	---	---	---
21	4	4	---	---	---	---	5	5	---	---	---	---
20	2	2	---	---	---	---	---	---	---	---	---	---
19	2	2	---	---	---	---	3	3	---	---	---	---
18	---	---	---	---	---	---	4	4	---	---	---	---
DOMESTIC												
Total	943	72	---	427	439	5	922	72	---	417	429	4
26	9	---	---	---	9	---	---	---	---	---	---	---
25	2	1	---	---	1	---	---	---	---	---	---	---
23	7	4	---	---	3	---	6	1	---	1	4	---
22	30	26	---	---	4	---	13	13	---	---	---	---
21	22	15	---	---	7	---	16	9	---	---	7	---
20	11	10	---	---	1	---	13	12	---	---	1	---
19	13	11	---	---	2	---	20	11	---	---	9	---
18	9	4	---	1	3	1	14	7	---	---	6	1
17	16	---	---	11	4	1	24	11	---	11	1	1
16	15	---	---	3	9	3	5	---	---	3	---	2
15	4	---	---	---	4	---	---	---	---	---	---	---
14	18	---	---	18	---	---	15	---	---	15	---	---
13	4	---	---	3	1	---	22	---	---	5	17	---
≤ 12	783	1	---	391	391	---	774	8	---	382	384	---
										Total trips:		1,911

ALPENA HARBOR, MI

	Inbound						Outbound					
Grand Total	297	80	---	108	109	---	310	74	---	118	118	---
FOREIGN												
Total	38	24	---	7	7	---	22	14	---	3	5	---
24	---	---	---	---	---	---	1	1	---	---	---	---
22	3	2	---	1	---	---	1	1	---	---	---	---
21	2	1	---	---	1	---	---	---	---	---	---	---
20	12	12	---	---	---	---	8	8	---	---	---	---
19	6	6	---	---	---	---	2	1	---	---	1	---
18	7	2	---	4	1	---	6	1	---	3	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
ALPENA HARBOR, MI - continued												
	Inbound						Outbound					
FOREIGN												
17	3	1	—	1	1	—	1	—	—	—	1	—
16	4	—	—	—	4	—	1	—	—	—	1	—
15	1	—	—	1	—	—	—	—	—	—	—	—
≤ 12	—	—	—	—	—	—	2	2	—	—	—	—
DOMESTIC												
Total	259	56	—	101	102	—	288	60	—	115	113	—
26	1	1	—	—	—	—	—	—	—	—	—	—
24	3	—	—	—	3	—	3	—	—	—	3	—
23	46	—	—	—	46	—	55	1	—	—	54	—
22	18	—	—	—	18	—	22	3	—	—	19	—
21	9	1	—	—	8	—	12	2	—	—	10	—
20	25	17	—	1	7	—	8	2	—	—	6	—
19	10	6	—	—	4	—	27	21	—	—	6	—
18	8	1	—	—	7	—	13	6	—	1	6	—
17	104	2	—	99	3	—	125	8	—	113	4	—
16	4	—	—	—	4	—	5	1	—	—	4	—
15	1	—	—	—	1	—	3	3	—	—	—	—
14	—	—	—	—	—	—	4	4	—	—	—	—
13	—	—	—	—	—	—	2	2	—	—	—	—
≤ 12	30	28	—	1	1	—	9	7	—	1	1	—
										Total trips:	607	
MENOMINEE HARBOR AND RIVER, MI AND WI												
	Inbound						Outbound					
Grand Total	133	47	—	29	57	—	125	45	—	28	52	—
FOREIGN												
Total	44	44	—	—	—	—	42	42	—	—	—	—
27	1	1	—	—	—	—	—	—	—	—	—	—
25	5	5	—	—	—	—	2	2	—	—	—	—
24	14	14	—	—	—	—	1	1	—	—	—	—
23	8	8	—	—	—	—	2	2	—	—	—	—
22	10	10	—	—	—	—	6	6	—	—	—	—
21	3	3	—	—	—	—	9	9	—	—	—	—
20	1	1	—	—	—	—	9	9	—	—	—	—
19	2	2	—	—	—	—	13	13	—	—	—	—
DOMESTIC												
Total	89	3	—	29	57	—	83	3	—	28	52	—
20	3	3	—	—	—	—	—	—	—	—	—	—
19	7	—	—	—	7	—	—	—	—	—	—	—
18	8	—	—	—	8	—	3	1	—	—	2	—
17	2	—	—	—	2	—	3	2	—	—	1	—
13	21	—	—	21	—	—	13	—	—	12	1	—
≤ 12	48	—	—	8	40	—	64	—	—	16	48	—
										Total trips:	258	
SAGINAW RIVER, MI												
	Upbound						Downbound					
Grand Total	142	87	—	19	29	7	222	118	—	22	72	10
FOREIGN												
Total	32	26	—	3	3	—	38	32	—	3	3	—
26	—	—	—	—	—	—	2	2	—	—	—	—
25	—	—	—	—	—	—	1	1	—	—	—	—
24	—	—	—	—	—	—	4	4	—	—	—	—
23	1	1	—	—	—	—	—	—	—	—	—	—
22	1	1	—	—	—	—	8	8	—	—	—	—
21	—	—	—	—	—	—	6	6	—	—	—	—
20	6	6	—	—	—	—	11	9	—	1	1	—
19	7	7	—	—	—	—	3	2	—	—	1	—
18	5	4	—	—	1	—	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

SAGINAW RIVER, MI - continued

	Upbound						Downbound					
FOREIGN												
14	2	2	—	—	—	—	—	—	—	—	—	—
13	3	2	—	1	—	—	—	—	—	—	—	—
≤ 12	6	3	—	1	2	—	2	—	—	2	—	—
DOMESTIC												
Total	110	61	—	16	26	7	184	86	—	19	69	10
27	—	—	—	—	—	—	10	10	—	—	—	—
26	—	—	—	—	—	—	6	—	—	—	6	—
25	—	—	—	—	—	—	4	2	—	—	2	—
24	—	—	—	—	—	—	25	13	—	5	7	—
23	1	—	—	—	1	—	14	2	—	1	11	—
22	3	—	—	2	1	—	8	1	—	1	6	—
21	—	—	—	—	—	—	16	13	—	—	3	—
20	3	3	—	—	—	—	15	7	—	—	8	—
19	39	27	—	—	12	—	37	15	—	—	22	—
18	19	8	—	1	6	4	6	3	—	—	—	3
17	20	19	—	1	—	—	19	17	—	1	—	1
16	14	—	—	9	3	2	12	—	—	9	1	2
15	1	—	—	—	—	1	2	—	—	—	—	2
14	1	1	—	—	—	—	1	1	—	—	—	—
13	1	—	—	1	—	—	2	—	—	2	—	—
≤ 12	8	3	—	2	3	—	7	2	—	—	3	2
Total trips:											364	

ST. CLAIR RIVER, MI

	Upbound						Downbound					
Grand Total	3,179	2,404	50	358	281	86	2,762	1,949	71	364	265	113
FOREIGN												
Total	1,936	1,609	50	138	73	66	1,375	1,055	71	121	38	90
31	1	1	—	—	—	—	—	—	—	—	—	—
30	3	3	—	—	—	—	—	—	—	—	—	—
29	1	1	—	—	—	—	1	1	—	—	—	—
28	19	17	2	—	—	—	1	—	—	—	—	—
27	108	105	3	—	—	—	446	433	12	1	—	—
26	57	57	—	—	—	—	128	118	10	—	—	—
25	97	93	2	—	2	—	130	123	2	—	5	—
24	317	311	2	—	3	1	48	42	1	—	5	—
23	394	383	1	6	4	—	102	85	6	2	3	6
22	259	240	2	9	2	6	62	50	4	4	—	4
21	137	125	—	9	3	—	88	77	2	3	2	4
20	138	110	11	9	8	—	72	55	10	4	2	1
19	102	61	7	23	6	5	54	30	—	6	1	17
18	51	25	2	13	7	4	35	12	10	9	2	2
17	47	14	2	17	9	5	14	1	3	5	1	4
16	50	10	6	22	4	8	80	5	1	58	1	15
15	41	13	—	8	17	3	36	7	—	6	4	19
14	15	5	8	1	—	1	16	2	8	1	2	3
13	26	8	—	12	—	6	30	1	—	16	—	13
≤ 12	73	27	2	9	8	27	32	12	2	6	10	2
DOMESTIC												
Total	1,243	795	—	220	208	20	1,387	894	—	243	227	23
30	2	—	—	—	2	—	8	—	—	—	8	—
29	—	—	—	—	—	—	2	1	—	—	1	—
28	—	—	—	—	—	—	2	2	—	—	—	—
27	15	15	—	—	—	—	428	409	—	9	10	—
26	23	10	—	13	—	—	303	173	—	67	63	—
25	11	6	—	1	4	—	104	72	—	13	19	—
24	28	23	—	2	3	—	137	59	—	38	40	—
23	222	190	—	16	16	—	94	33	—	19	42	—
22	162	48	—	60	54	—	57	35	—	9	13	—
21	41	36	—	2	3	—	66	57	—	4	5	—
20	42	33	—	5	4	—	20	18	—	1	1	—
19	235	222	—	6	7	—	9	9	—	—	—	—
18	161	116	—	20	22	3	21	15	—	1	2	3
17	115	66	—	36	10	3	70	6	—	51	10	3
16	69	22	—	26	17	4	27	—	—	20	2	5
15	25	1	—	—	18	6	10	1	—	—	—	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
ST. CLAIR RIVER, MI - continued												
	Upbound						Downbound					
DOMESTIC												
14	5	—	—	—	2	3	2	—	—	—	—	2
13	3	—	—	3	—	—	3	1	—	2	—	—
≤ 12	84	7	—	30	46	1	24	3	—	9	11	1
										Total trips:		5,941
MARYSVILLE, MI												
	Inbound						Outbound					
Grand Total	42	22	—	10	10	—	34	22	—	6	6	—
FOREIGN												
Total	12	8	—	2	2	—	9	9	—	—	—	—
30	—	—	—	—	—	—	2	2	—	—	—	—
29	1	1	—	—	—	—	—	—	—	—	—	—
27	1	1	—	—	—	—	—	—	—	—	—	—
26	3	3	—	—	—	—	—	—	—	—	—	—
25	1	1	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	1	1	—	—	—	—
23	1	1	—	—	—	—	2	2	—	—	—	—
21	1	1	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	2	2	—	—	—	—
19	1	—	—	—	1	—	—	—	—	—	—	—
15	1	—	—	1	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	1	1	—	—	—	—
≤ 12	2	—	—	1	1	—	1	1	—	—	—	—
DOMESTIC												
Total	30	14	—	8	8	—	25	13	—	6	6	—
25	1	—	—	—	1	—	—	—	—	—	—	—
24	8	4	—	2	2	—	—	—	—	—	—	—
23	3	1	—	1	1	—	—	—	—	—	—	—
22	4	1	—	3	—	—	1	—	—	1	—	—
21	2	2	—	—	—	—	—	—	—	—	—	—
20	5	3	—	1	1	—	—	—	—	—	—	—
19	3	1	—	1	1	—	7	7	—	—	—	—
18	—	—	—	—	—	—	1	1	—	—	—	—
17	1	1	—	—	—	—	7	5	—	1	1	—
16	1	1	—	—	—	—	8	—	—	4	4	—
≤ 12	2	—	—	—	2	—	1	—	—	—	1	—
										Total trips:		76
ST. CLAIR, MI												
	Inbound						Outbound					
Grand Total	154	154	—	—	—	—	161	161	—	—	—	—
FOREIGN												
Total	—	—	—	—	—	—	15	15	—	—	—	—
24	—	—	—	—	—	—	4	4	—	—	—	—
23	—	—	—	—	—	—	8	8	—	—	—	—
21	—	—	—	—	—	—	1	1	—	—	—	—
20	—	—	—	—	—	—	2	2	—	—	—	—
DOMESTIC												
Total	154	154	—	—	—	—	146	146	—	—	—	—
28	2	2	—	—	—	—	—	—	—	—	—	—
27	119	119	—	—	—	—	47	47	—	—	—	—
26	30	30	—	—	—	—	7	7	—	—	—	—
23	2	2	—	—	—	—	42	42	—	—	—	—
21	1	1	—	—	—	—	3	3	—	—	—	—
20	—	—	—	—	—	—	2	2	—	—	—	—
19	—	—	—	—	—	—	38	38	—	—	—	—
18	—	—	—	—	—	—	1	1	—	—	—	—
16	—	—	—	—	—	—	6	6	—	—	—	—
										Total trips:		315

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
MARINE CITY, MI												
	Inbound						Outbound					
Grand Total	53	22	---	16	15	---	49	21	---	14	14	---
FOREIGN												
Total	11	8	---	2	1	---	9	9	---	---	---	---
30	---	---	---	---	---	---	1	1	---	---	---	---
27	3	3	---	---	---	---	---	---	---	---	---	---
26	2	2	---	---	---	---	---	---	---	---	---	---
25	2	2	---	---	---	---	1	1	---	---	---	---
24	2	1	---	---	1	---	---	---	---	---	---	---
23	1	---	---	1	---	---	3	3	---	---	---	---
20	---	---	---	---	---	---	2	2	---	---	---	---
19	---	---	---	---	---	---	1	1	---	---	---	---
17	---	---	---	---	---	---	1	1	---	---	---	---
13	1	---	---	1	---	---	---	---	---	---	---	---
DOMESTIC												
Total	42	14	---	14	14	---	40	12	---	14	14	---
25	5	---	---	2	3	---	---	---	---	---	---	---
24	19	7	---	6	6	---	2	---	---	1	1	---
23	9	3	---	3	3	---	4	---	---	2	2	---
22	3	1	---	2	---	---	3	---	---	3	---	---
21	1	1	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	5	5	---	---	---	---
18	2	2	---	---	---	---	12	4	---	4	4	---
17	2	---	---	1	1	---	4	2	---	1	1	---
16	---	---	---	---	---	---	7	1	---	3	3	---
15	1	---	---	---	1	---	---	---	---	---	---	---
9	---	---	---	---	---	---	3	---	---	---	3	---
											Total trips:	102
CHANNELS IN LAKE ST. CLAIR												
	Upbound						Downbound					
Grand Total	2,374	1,718	17	313	260	66	2,326	1,652	28	316	252	78
FOREIGN												
Total	1,282	1,044	17	108	67	46	1,125	922	28	84	36	55
31	1	1	---	---	---	---	---	---	---	---	---	---
29	1	1	---	---	---	---	---	---	---	---	---	---
28	11	9	2	---	---	---	1	1	---	---	---	---
27	81	79	2	---	---	---	424	417	6	1	---	---
26	40	40	---	---	---	---	92	87	5	---	---	---
25	77	74	1	---	2	---	65	61	1	---	3	---
24	183	179	---	---	3	1	48	42	1	---	5	---
23	231	223	1	3	4	---	85	76	2	1	3	3
22	175	166	---	7	2	---	56	50	2	2	---	2
21	103	93	---	7	3	---	82	74	1	3	2	2
20	100	81	2	9	8	---	61	50	4	4	2	1
19	64	32	2	21	6	3	43	25	---	4	1	13
18	40	17	1	12	7	3	26	12	2	9	2	1
17	28	6	---	13	5	4	12	1	1	5	1	4
16	33	6	2	15	4	6	50	5	1	34	1	9
15	40	12	---	8	17	3	27	7	---	6	4	10
14	7	1	4	1	---	1	9	2	2	1	2	2
13	13	5	---	5	---	3	16	1	---	8	---	7
≤ 12	54	19	---	7	6	22	28	11	---	6	10	1
DOMESTIC												
Total	1,092	674	---	205	193	20	1,201	730	---	232	216	23
30	2	---	---	---	2	---	8	---	---	---	8	---
29	---	---	---	---	---	---	2	1	---	---	1	---
27	5	5	---	---	---	---	301	282	---	9	10	---
26	22	9	---	13	---	---	271	141	---	67	63	---
25	11	6	---	1	4	---	102	72	---	12	18	---
24	28	23	---	2	3	---	113	51	---	30	32	---
23	183	153	---	15	15	---	87	28	---	18	41	---
22	158	48	---	56	54	---	56	34	---	9	13	---
21	40	35	---	2	3	---	64	55	---	4	5	---
20	40	31	---	5	4	---	23	21	---	1	1	---
19	185	172	---	6	7	---	19	19	---	---	---	---

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

CHANNELS IN LAKE ST. CLAIR - continued
Upbound

Downbound

DOMESTIC

18	149	110	—	17	19	3	21	15	—	1	2	3
17	106	59	—	35	9	3	68	6	—	50	9	3
16	50	15	—	20	11	4	27	—	—	20	2	5
15	25	1	—	—	18	6	10	1	—	—	—	9
14	5	—	—	—	2	3	2	—	—	—	—	2
13	3	—	—	3	—	—	3	1	—	2	—	—
≤ 12	80	7	—	30	42	1	24	3	—	9	11	1
Total trips:											4,700	

DETROIT RIVER, MI

Upbound

Downbound

Grand Total	4,031	2,635	17	688	367	324	3,461	2,103	31	655	344	328
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FOREIGN

Total	2,444	1,884	17	273	168	102	1,660	1,285	31	168	76	100
31	2	2	—	—	—	—	—	—	—	—	—	—
29	1	1	—	—	—	—	—	—	—	—	—	—
28	12	10	2	—	—	—	1	1	—	—	—	—
27	126	123	2	—	—	1	433	426	6	1	—	—
26	79	79	—	—	—	—	110	105	5	—	—	—
25	147	128	1	—	18	—	121	114	1	—	6	—
24	304	288	—	—	15	1	75	64	1	—	10	—
23	403	358	1	4	26	14	162	142	2	1	6	11
22	307	280	—	19	6	2	112	92	2	10	—	8
21	203	161	—	33	7	2	115	101	1	7	3	3
20	206	164	2	23	17	—	101	88	4	6	2	1
19	110	53	2	37	12	6	73	39	—	8	1	25
18	96	63	1	20	9	3	50	17	4	19	7	3
17	75	35	—	26	10	4	32	1	1	20	6	4
16	96	16	2	61	8	9	82	8	2	57	4	11
15	63	13	—	18	25	7	50	13	—	11	9	17
14	16	1	4	4	1	6	10	2	2	1	2	3
13	34	12	—	12	—	10	33	3	—	19	—	11
≤ 12	164	97	—	16	14	37	100	69	—	8	20	3

DOMESTIC

Total	1,587	751	—	415	199	222	1,801	818	—	487	268	228
30	2	—	—	—	2	—	8	—	—	—	8	—
29	—	—	—	—	—	—	2	—	—	—	1	—
27	6	6	—	—	—	—	310	289	—	10	11	—
26	25	12	—	13	—	—	274	144	—	67	63	—
25	18	11	—	2	5	—	102	72	—	12	18	—
24	39	34	—	2	3	—	114	52	—	29	33	—
23	204	173	—	15	16	—	135	42	—	25	68	—
22	173	63	—	56	54	—	68	39	—	9	20	—
21	46	41	—	2	3	—	69	57	—	5	7	—
20	48	39	—	5	4	—	28	25	—	1	2	—
19	188	175	—	6	7	—	32	32	—	—	—	—
18	175	113	—	18	20	24	87	42	—	10	12	23
17	117	61	—	39	8	9	115	11	—	82	10	12
16	84	15	—	53	12	4	66	—	—	57	4	5
15	32	1	—	—	20	11	18	2	—	—	—	16
14	5	—	—	—	2	3	1	—	—	—	—	1
13	4	—	—	4	—	—	3	1	—	2	—	—
≤ 12	421	7	—	200	43	171	369	9	—	178	11	171
Total trips:											7,492	

DETROIT HARBOR, MI

Inbound

Outbound

Grand Total	180	108	1	39	24	8	190	119	1	35	27	8
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FOREIGN

Total	36	16	1	13	—	6	53	33	1	11	4	4
27	9	9	—	—	—	—	1	1	—	—	—	—
26	4	4	—	—	—	—	—	—	—	—	—	—

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

DETROIT HARBOR, MI - continued

	Inbound						Outbound					
FOREIGN												
25	1	1	—	—	—	—	4	4	—	—	—	—
24	1	1	—	—	—	—	4	3	—	—	1	—
23	1	—	—	—	—	—	10	9	—	—	—	1
22	1	—	—	—	—	1	2	1	—	1	—	—
21	1	1	—	—	—	—	6	6	—	—	—	—
20	1	—	1	—	—	—	7	5	—	2	—	—
19	—	—	—	—	—	—	2	1	—	—	—	1
18	—	—	—	—	—	—	2	2	—	—	—	—
17	1	—	—	1	—	—	3	—	—	1	2	—
16	8	—	—	8	—	—	4	—	1	3	—	—
15	1	—	—	—	—	1	—	—	—	—	—	—
13	6	—	—	4	—	2	6	1	—	4	—	1
≤ 12	1	—	—	—	—	1	2	—	—	—	1	1
DOMESTIC												
Total	144	92	—	26	24	2	137	86	—	24	23	4
29	1	—	—	—	1	—	—	—	—	—	—	—
27	28	26	—	1	1	—	1	1	—	—	—	—
26	61	24	—	18	19	—	2	1	—	1	—	—
25	14	8	—	3	3	—	2	2	—	—	—	—
24	1	1	—	—	—	—	1	—	—	—	1	—
23	7	7	—	—	—	—	17	17	—	—	—	—
22	14	14	—	—	—	—	45	5	—	19	21	—
21	3	3	—	—	—	—	9	9	—	—	—	—
20	5	4	—	1	—	—	2	—	—	1	1	—
19	1	1	—	—	—	—	25	25	—	—	—	—
18	5	4	—	—	—	1	18	17	—	—	—	1
17	1	—	—	1	—	—	5	4	—	—	—	1
16	2	—	—	2	—	—	8	5	—	3	—	—
≤ 12	1	—	—	—	—	1	2	—	—	—	—	2
											Total trips:	370

ROUGE RIVER, MI

	Inbound						Outbound					
Grand Total	807	228	1	286	42	250	811	234	1	288	39	249
FOREIGN												
Total	160	44	1	56	13	46	162	57	1	52	8	44
27	10	10	—	—	—	—	—	—	—	—	—	—
26	14	14	—	—	—	—	—	—	—	—	—	—
25	7	3	—	—	4	—	—	—	—	—	—	—
24	6	4	—	—	2	—	8	8	—	—	—	—
23	10	7	1	—	—	2	27	13	—	—	—	14
22	4	3	—	—	1	—	22	11	—	4	—	7
21	3	1	—	—	—	2	7	5	—	—	—	2
20	2	2	—	—	—	—	3	3	—	—	—	—
19	14	—	—	9	—	5	24	3	—	9	—	12
18	1	—	—	—	—	1	6	1	—	3	—	2
17	5	—	—	5	—	—	11	—	—	10	—	1
16	45	—	—	40	3	2	31	1	1	26	2	1
15	9	—	—	—	—	9	7	—	—	—	6	1
14	7	—	—	1	—	6	—	—	—	—	—	—
13	7	—	—	—	—	7	6	2	—	—	—	4
≤ 12	16	—	—	1	3	12	10	10	—	—	—	—
DOMESTIC												
Total	647	184	—	230	29	204	649	177	—	236	31	205
27	112	100	—	6	6	—	9	9	—	—	—	—
26	36	26	—	4	6	—	4	4	—	—	—	—
25	20	16	—	2	2	—	2	2	—	—	—	—
24	26	14	—	6	6	—	1	1	—	—	—	—
23	17	12	—	2	3	—	66	44	—	11	11	—
22	5	5	—	—	—	—	4	4	—	—	—	—
21	3	3	—	—	—	—	9	7	—	1	1	—
20	3	3	—	—	—	—	6	6	—	—	—	—
19	1	1	—	—	—	—	31	29	—	—	2	—
18	22	2	—	—	—	20	119	69	—	14	15	21
17	20	2	—	5	5	8	13	—	—	2	2	9
16	36	—	—	35	1	—	38	1	—	37	—	—

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
ROUGE RIVER, MI - continued												
				Inbound						Outbound		
DOMESTIC												
15	6	—	—	—	—	6	7	1	—	—	—	6
13	1	—	—	1	—	—	1	—	—	1	—	—
≤ 12	339	—	—	169	—	170	339	—	—	170	—	169
										Total trips:		1,618
ECORSE, MI												
				Inbound						Outbound		
Grand Total												
	29	18	—	5	6	—	27	19	—	4	4	—
FOREIGN												
Total	15	12	—	1	2	—	13	13	—	—	—	—
23	10	10	—	—	—	—	6	6	—	—	—	—
22	—	—	—	—	—	—	3	3	—	—	—	—
21	1	1	—	—	—	—	1	1	—	—	—	—
19	1	1	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	1	1	—	—	—	—
15	1	—	—	—	1	—	—	—	—	—	—	—
14	2	—	—	1	1	—	—	—	—	—	—	—
13	—	—	—	—	—	—	1	1	—	—	—	—
≤ 12	—	—	—	—	—	—	1	1	—	—	—	—
DOMESTIC												
Total	14	6	—	4	4	—	14	6	—	4	4	—
23	11	5	—	3	3	—	1	1	—	—	—	—
21	1	1	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	3	3	—	—	—	—
18	—	—	—	—	—	—	1	1	—	—	—	—
17	—	—	—	—	—	—	1	1	—	—	—	—
16	—	—	—	—	—	—	6	—	—	3	3	—
≤ 12	2	—	—	1	1	—	2	—	—	1	1	—
										Total trips:		56
PORT OF DETROIT, MI												
				Inbound						Outbound		
Grand Total												
	1,026	362	2	331	73	258	1,025	370	2	327	71	255
FOREIGN												
Total	211	72	2	70	15	52	230	103	2	64	12	49
27	19	19	—	—	—	—	1	1	—	—	—	—
26	18	18	—	—	—	—	—	—	—	—	—	—
25	8	4	—	—	4	—	4	4	—	—	—	—
24	7	5	—	—	2	—	12	11	—	—	1	—
23	21	17	1	—	—	3	43	28	—	—	—	15
22	5	3	—	—	1	1	27	15	—	5	—	7
21	5	3	—	—	—	2	14	12	—	—	—	2
20	3	2	1	—	—	—	10	8	—	2	—	—
19	15	1	—	9	—	5	27	4	—	9	—	14
18	1	—	—	—	—	1	8	3	—	3	—	2
17	6	—	—	6	—	—	14	—	—	11	2	1
16	53	—	—	48	3	2	37	2	2	30	2	1
15	11	—	—	—	1	10	7	—	—	—	6	1
14	9	—	—	2	1	6	—	—	—	—	—	—
13	13	—	—	4	—	9	13	4	—	4	—	5
≤ 12	17	—	—	1	3	13	13	11	—	—	1	1
DOMESTIC												
Total	815	290	—	261	58	206	795	267	—	263	59	206
29	1	—	—	—	1	—	—	—	—	—	—	—
27	140	126	—	7	7	—	4	4	—	—	—	—
26	97	50	—	22	25	—	4	3	—	1	—	—
25	34	24	—	5	5	—	4	4	—	—	—	—
24	27	15	—	6	6	—	2	1	—	—	1	—
23	35	24	—	5	6	—	84	62	—	11	11	—
22	19	19	—	—	—	—	49	9	—	19	21	—

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 DETROIT, MI - continued

	Inbound						Outbound					
DOMESTIC												
21	7	7	—	—	—	—	18	16	—	1	1	—
20	9	8	—	1	—	—	8	6	—	1	1	—
19	3	3	—	—	—	—	67	65	—	—	2	—
18	32	9	—	1	1	21	136	86	—	14	15	21
17	23	4	—	6	5	8	17	4	—	2	2	9
16	39	1	—	37	1	—	52	6	—	42	4	—
15	6	—	—	—	—	6	7	1	—	—	—	6
13	1	—	—	1	—	—	1	—	—	1	—	—
≤ 12	342	—	—	170	1	171	342	—	—	171	1	170
										Total trips:		2,051

MONROE HARBOR, MI

	Inbound						Outbound					
Grand Total	129	87	—	21	11	10	142	104	—	19	11	8
FOREIGN												
Total	2	—	—	1	—	1	16	14	—	1	1	—
24	—	—	—	—	—	—	3	3	—	—	—	—
21	—	—	—	—	—	—	2	2	—	—	—	—
20	—	—	—	—	—	—	10	9	—	1	—	—
17	—	—	—	—	—	—	1	—	—	—	1	—
16	1	—	—	1	—	—	—	—	—	—	—	—
13	1	—	—	—	—	1	—	—	—	—	—	—
DOMESTIC												
Total	127	87	—	20	11	9	126	90	—	18	10	8
27	31	31	—	—	—	—	1	1	—	—	—	—
26	4	4	—	—	—	—	—	—	—	—	—	—
23	4	4	—	—	—	—	40	40	—	—	—	—
21	3	3	—	—	—	—	—	—	—	—	—	—
20	23	15	—	4	4	—	—	—	—	—	—	—
19	34	24	—	5	5	—	40	36	—	2	2	—
18	7	5	—	1	1	—	17	13	—	2	2	—
17	8	1	—	1	1	5	7	—	—	1	1	5
16	9	—	—	9	—	—	18	—	—	13	5	—
15	4	—	—	—	—	4	3	—	—	—	—	3
										Total trips:		271

CALCITE, MI

	Inbound						Outbound					
Grand Total	257	188	1	28	40	—	256	187	2	27	40	—
FOREIGN												
Total	55	37	1	8	9	—	33	28	2	2	1	—
26	—	—	—	—	—	—	5	5	—	—	—	—
25	1	—	—	—	1	—	13	13	—	—	—	—
24	—	—	—	—	—	—	3	3	—	—	—	—
23	8	8	—	—	—	—	7	7	—	—	—	—
22	11	7	1	3	—	—	—	—	—	—	—	—
21	6	3	—	3	—	—	—	—	—	—	—	—
20	6	6	—	—	—	—	—	—	—	—	—	—
19	7	6	—	—	1	—	—	—	—	—	—	—
18	4	3	—	—	1	—	—	—	—	—	—	—
17	4	—	—	—	4	—	—	—	—	—	—	—
16	1	1	—	—	—	—	—	—	—	—	—	—
15	4	—	—	2	2	—	3	—	—	2	1	—
14	—	—	—	—	—	—	2	—	2	—	—	—
12	2	2	—	—	—	—	—	—	—	—	—	—
10	1	1	—	—	—	—	—	—	—	—	—	—
DOMESTIC												
Total	202	151	—	20	31	—	223	159	—	25	39	—
27	—	—	—	—	—	—	6	6	—	—	—	—
26	2	2	—	—	—	—	23	20	—	—	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
CALCITE, MI - continued												
	Inbound						Outbound					
DOMESTIC												
25	4	3	—	—	1	—	45	39	—	3	3	—
24	7	7	—	—	—	—	82	57	—	13	12	—
23	5	1	—	2	2	—	27	16	—	3	8	—
22	27	21	—	3	3	—	19	17	—	—	2	—
21	14	14	—	—	—	—	2	1	—	—	1	—
20	15	14	—	1	—	—	2	1	—	—	1	—
19	48	41	—	—	7	—	—	—	—	—	—	—
18	37	30	—	2	5	—	2	2	—	—	—	—
17	20	18	—	1	1	—	2	—	—	1	1	—
16	4	—	—	2	2	—	—	—	—	—	—	—
13	1	—	—	1	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	3	—	—	1	2	—
9	8	—	—	4	4	—	—	—	—	—	—	—
7	3	—	—	3	—	—	3	—	—	3	—	—
6	1	—	—	1	—	—	1	—	—	1	—	—
4	3	—	—	—	3	—	3	—	—	—	3	—
3	2	—	—	—	2	—	2	—	—	—	2	—
2	1	—	—	—	1	—	1	—	—	—	1	—
										Total trips:	513	
ESCANABA, MI												
	Inbound						Outbound					
Grand Total												
	150	112	—	19	19	—	153	115	—	18	20	—
FOREIGN												
Total	10	7	—	2	1	—	8	8	—	—	—	—
27	—	—	—	—	—	—	6	6	—	—	—	—
24	3	3	—	—	—	—	—	—	—	—	—	—
23	2	2	—	—	—	—	—	—	—	—	—	—
22	2	2	—	—	—	—	1	1	—	—	—	—
20	—	—	—	—	—	—	1	1	—	—	—	—
11	1	—	—	1	—	—	—	—	—	—	—	—
6	2	—	—	1	1	—	—	—	—	—	—	—
DOMESTIC												
Total	140	105	—	17	18	—	145	107	—	18	20	—
31	—	—	—	—	—	—	11	—	—	—	11	—
30	2	—	—	—	2	—	28	28	—	—	—	—
29	1	1	—	—	—	—	9	9	—	—	—	—
28	6	4	—	1	1	—	21	19	—	1	1	—
27	7	7	—	—	—	—	15	15	—	—	—	—
26	11	2	—	9	—	—	29	12	—	14	3	—
25	2	2	—	—	—	—	3	2	—	—	1	—
24	12	12	—	—	—	—	1	—	—	—	1	—
23	3	3	—	—	—	—	—	—	—	—	—	—
22	21	7	—	3	11	—	8	3	—	3	2	—
21	11	10	—	—	1	—	10	10	—	—	—	—
20	12	11	—	1	—	—	2	2	—	—	—	—
19	41	40	—	1	—	—	7	7	—	—	—	—
18	4	2	—	—	2	—	—	—	—	—	—	—
17	1	1	—	—	—	—	—	—	—	—	—	—
16	3	3	—	—	—	—	—	—	—	—	—	—
9	3	—	—	2	1	—	1	—	—	—	1	—
										Total trips:	303	
STONEPORT, MI												
	Inbound						Outbound					
Grand Total												
	338	189	—	67	82	—	359	195	—	73	91	—
FOREIGN												
Total	35	30	—	2	3	—	34	30	—	2	2	—
26	1	1	—	—	—	—	4	4	—	—	—	—
25	—	—	—	—	—	—	14	13	—	—	1	—
24	3	3	—	—	—	—	—	—	—	—	—	—
23	5	5	—	—	—	—	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
STONEPORT, MI - continued												
	Inbound						Outbound					
FOREIGN												
22	9	7	—	2	—	—	3	3	—	—	—	—
21	1	1	—	—	—	—	3	3	—	—	—	—
20	5	5	—	—	—	—	4	4	—	—	—	—
19	2	2	—	—	—	—	—	—	—	—	—	—
18	2	2	—	—	—	—	1	—	—	1	—	—
17	4	1	—	—	3	—	1	—	—	—	1	—
15	—	—	—	—	—	—	1	—	—	1	—	—
14	1	1	—	—	—	—	—	—	—	—	—	—
13	1	1	—	—	—	—	—	—	—	—	—	—
12	1	1	—	—	—	—	—	—	—	—	—	—
DOMESTIC												
Total	303	159	—	65	79	—	325	165	—	71	89	—
30	—	—	—	—	—	—	1	—	—	—	1	—
29	—	—	—	—	—	—	1	—	—	—	1	—
27	—	—	—	—	—	—	8	—	—	1	7	—
26	8	—	—	8	—	—	19	6	—	7	6	—
25	12	12	—	—	—	—	71	47	—	10	14	—
24	6	4	—	1	1	—	91	31	—	29	31	—
23	21	4	—	8	9	—	29	13	—	6	10	—
22	52	20	—	17	15	—	33	19	—	11	3	—
21	17	17	—	—	—	—	31	26	—	4	1	—
20	10	10	—	—	—	—	23	16	—	—	7	—
19	54	47	—	—	7	—	5	4	—	—	1	—
18	49	23	—	11	15	—	2	2	—	—	—	—
17	19	19	—	—	—	—	7	1	—	3	3	—
16	15	3	—	6	6	—	—	—	—	—	—	—
12	—	—	—	—	—	—	2	—	—	—	2	—
9	40	—	—	14	26	—	2	—	—	—	2	—
										Total trips:		697

ALGOMA HARBOR, WI
No Vessel Trips Reported

ALGONAC, MI
No Vessel Trips Reported

ASHLAND HARBOR, WI
(19 feet and less)

	Inbound						Outbound					
Grand Total	4	4	—	—	—	—	3	3	—	—	—	—
										Total trips:		7

AU SABLE HARBOR AND RIVER (OSCODA), MI
No Vessel Trips Reported

BAYFIELD HARBOR, WI
(8 feet and less)

	Inbound						Outbound					
Grand Total	3,457	3,457	—	—	—	—	3,457	3,457	—	—	—	—
										Total trips:		6,914

BIG BAY HARBOR, MI
No Vessel Trips Reported

BLACK RIVER HARBOR, MI
No Vessel Trips Reported

CASEVILLE, MI
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
CEDAR RIVER HARBOR, MI No Vessel Trips Reported												
CHARLEVOIX HARBOR, MI (8 feet and less)												
				Inbound						Outbound		
Grand Total	347	347	---	---	---	---	347	347	---	---	---	---
										Total trips:	---	694
CHEBOYGAN HARBOR, MI (24 feet and less)												
				Inbound						Outbound		
Grand Total	953	892	11	27	19	4	953	892	10	24	25	2
										Total trips:		1,906
CHIPPEWA HARBOR (ISLE ROYALE), MI No Vessel Trips Reported												
CLINTON RIVER, MICHIGAN No Vessel Trips Reported												
CORNUCOPIA HARBOR, WI No Vessel Trips Reported												
DETOUR, MI AND VICINITY (12 feet and less)												
				Inbound						Outbound		
Grand Total	17,475	17,475	---	---	---	---	17,475	17,475	---	---	---	---
										Total trips:	---	34,950
DETROIT HARBOR, WI (11 feet and less)												
				Inbound						Outbound		
Grand Total	3,652	3,652	---	---	---	---	3,652	3,652	---	---	---	---
										Total trips:	---	7,304
EAGLE HARBOR, MI No Vessel Trips Reported												
FRANKFORT HARBOR, MI No Vessel Trips Reported												
GLADSTONE HARBOR, MI (24 feet and less)												
				Inbound						Outbound		
Grand Total	10	6	---	2	---	2	8	4	---	2	---	2
										Total trips:	---	18
GRAND MARAIS HARBOR (HARBOR OF REFUGE), MI No Vessel Trips Reported												
GRAND MARAIS HARBOR, MN No Vessel Trips Reported												
GRAND TRAVERSE BAY HARBOR, MI 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
HARBOR BEACH, MI (HARBOR OF REFUGE, LAKE HURON) (19 feet and less)												
				Inbound						Outbound		
Grand Total	7	5	—	1	1	—	6	5	—	1	—	—
										Total trips:		13
HARRISVILLE HARBOR, MI (HARBOR OF REFUGE, LAKE HURON) No Vessel Trips Reported												
HOLLAND HARBOR, MI (24 feet and less)												
				Inbound						Outbound		
Grand Total	28	11	—	8	9	—	22	11	—	5	6	—
										Total trips:		50
KENOSHA HARBOR, WI (9 feet and less)												
				Inbound						Outbound		
Grand Total	1	—	—	1	—	—	1	—	—	1	—	—
										Total trips:		2
KEWAUNEE HARBOR, WI No Vessel Trips Reported												
KEWEENAW WATERWAY, MI (23 feet and less)												
				Upbound						Downbound		
Grand Total	66	56	—	5	3	2	69	59	—	5	3	2
										Total trips:		135
KNIFE RIVER HARBOR, MN No Vessel Trips Reported												
LA POINTE HARBOR, WI (8 feet and less)												
				Inbound						Outbound		
Grand Total	3,445	3,445	—	—	—	—	3,445	3,445	—	—	—	—
										Total trips:		6,890
LAC LA BELLE HARBOR, MI No Vessel Trips Reported												
LELAND HARBOR, MI No Vessel Trips Reported												
LIME ISLAND, MI No Vessel Trips Reported												
LUDINGTON HARBOR, MI (24 feet and less)												
				Inbound						Outbound		
Grand Total	267	215	—	25	16	11	273	215	—	28	18	12
										Total trips:		540

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
MACKINAC HARBOR, MI (18 feet and less)												
				Inbound						Outbound		
Grand Total	24,941	24,934	---	4	3	---	24,643	24,636	---	4	3	---
										Total trips:		49,584
MACKINAW CITY HARBOR, MI (9 feet and less)												
				Inbound						Outbound		
Grand Total	9,405	9,405	---	---	---	---	9,403	9,403	---	---	---	---
										Total trips:		18,808
MANISTIQUE HARBOR, MI (3 feet and less)												
				Inbound						Outbound		
Grand Total	15	---	---	---	---	---	15	15	---	---	---	15
										Total trips:		30
MANITOWOC HARBOR, WI (22 feet and less)												
				Inbound						Outbound		
Grand Total	281	220	---	36	25	---	272	220	---	29	23	---
										Total trips:		553
NEW BUFFALO HARBOR, MI No Vessel Trips Reported												
OCONTO HARBOR, WI No Vessel Trips Reported												
ONTONAGON HARBOR, MI No Vessel Trips Reported												
PENSAUKEE HARBOR, WI No Vessel Trips Reported												
PENTWATER HARBOR, MI No Vessel Trips Reported												
PORT HURON, MI (12 feet and less)												
				Inbound						Outbound		
Grand Total	1	1	---	---	---	---	---	---	---	---	---	---
										Total trips:		1
PORT SANILAC HARBOR, MI No Vessel Trips Reported												
PORT WASHINGTON HARBOR, WI No Vessel Trips Reported												
PORT WING HARBOR, WI 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
PUT-IN-BAY HARBOR, OH (9 feet and less)												
				Inbound						Outbound		
Grand Total	9,397	9,306	67	12	12	—	9,418	9,327	67	12	12	—
										Total trips:		18,815
RACINE HARBOR, WI (10 feet and less)												
				Inbound						Outbound		
Grand Total	1	—	—	1	—	—	1	—	—	1	—	—
										Total trips:		2
ROGERS CITY, MI No Vessel Trips Reported												
SAUGATUCK HARBOR AND KALAMAZOO RIVER, MI No Vessel Trips Reported												
SAULT STE. MARIE, MI (25 feet and less)												
				Inbound						Outbound		
Grand Total	35,959	35,674	—	200	84	1	35,962	35,673	—	203	85	1
										Total trips:		71,921
SEBEWAING, MI No Vessel Trips Reported												
SHEBOYGAN HARBOR, WI No Vessel Trips Reported												
SOUTH HAVEN HARBOR, MI No Vessel Trips Reported												
ST. JAMES (BEAVER ISLAND), MI (8 feet and less)												
				Inbound						Outbound		
Grand Total	362	347	—	—	—	15	362	347	—	—	—	15
										Total trips:		724
STURGEON BAY AND LAKE MICHIGAN SHIP CANAL, WI (25 feet and less)												
				Upbound						Downbound		
Grand Total	4	4	—	—	—	—	69	29	—	35	3	2
										Total trips:		73
TRAVERSE CITY HARBOR, MI No Vessel Trips Reported												
TRENTON, MI (20 feet and less)												
				Inbound						Outbound		
Grand Total	4	2	—	1	1	—	6	2	—	2	1	1
										Total trips:		10
TWO RIVERS HARBOR, WI No Vessel Trips Reported												
WARROAD HARBOR, MN 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
WHITE LAKE HARBOR, MI No Vessel Trips Reported												
WHITEFISH POINT HARBOR, MI No Vessel Trips Reported												
WYANDOTTE, MI (19 feet and less)												
				Inbound						Outbound		
Grand Total	6	6	---	---	---	---	6	6	---	---	---	---
										Total trips:		12
MARBLEHEAD, OH (26 feet and less)												
				Inbound						Outbound		
Grand Total	3,773	3,588	---	92	93	---	5,050	4,864	---	90	96	---
										Total trips:		8,823
PORT DOLOMITE, MI (29 feet and less)												
				Inbound						Outbound		
Grand Total	188	122	---	22	44	---	205	125	---	23	57	---
										Total trips:		393
PORT INLAND, MI (29 feet and less)												
				Inbound						Outbound		
Grand Total	251	139	---	40	72	---	264	142	---	44	78	---
										Total trips:		515
SILVER BAY, MN (30 feet and less)												
				Inbound						Outbound		
Grand Total	239	193	---	22	24	---	255	207	---	24	24	---
										Total trips:		494

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

TOLEDO HARBOR, OH

	Inbound						Outbound					
Grand Total	669	447	2	108	89	23	683	456	2	114	88	23

FOREIGN

Total	381	300	2	39	35	5	435	327	2	55	43	8
27	76	74	1	—	—	1	62	61	—	—	—	1
26	23	23	—	—	—	—	20	20	—	—	—	—
25	29	29	—	—	—	—	16	16	—	—	—	—
24	44	44	—	—	—	—	52	49	1	—	2	—
23	33	30	—	—	3	—	74	65	—	—	9	—
22	18	16	—	1	1	—	45	42	—	2	1	—
21	14	11	—	2	1	—	22	12	—	9	1	—
20	28	27	—	—	1	—	29	22	—	5	2	—
19	34	8	—	23	3	—	38	15	—	23	—	—
18	19	9	1	3	6	—	18	11	1	4	2	—
17	19	1	—	5	12	1	9	—	—	4	3	2
16	11	4	—	—	5	2	9	3	—	2	3	1
15	5	1	—	3	1	—	27	2	—	4	19	2
14	1	—	—	—	—	1	1	—	—	—	—	1
13	2	2	—	—	—	—	1	1	—	—	—	—
≤ 12	25	21	—	2	2	—	12	8	—	2	1	1

DOMESTIC

Total	288	147	—	69	54	18	248	129	—	59	45	15
30	—	—	—	—	—	—	2	—	—	—	2	—
29	1	1	—	—	—	—	—	—	—	—	—	—
27	30	24	—	3	3	—	1	1	—	—	—	—
26	25	10	—	7	7	1	1	1	—	—	—	—
25	13	3	—	5	5	—	4	4	—	—	—	—
24	17	11	—	3	3	—	19	19	—	—	—	—
23	16	10	—	3	3	—	16	16	—	—	—	—
22	15	9	—	4	2	—	12	4	—	5	3	—
21	3	3	—	—	—	—	9	6	—	1	2	—
20	4	3	—	—	1	—	23	15	—	4	4	—
19	45	45	—	—	—	—	39	30	—	5	4	—
18	31	21	—	4	5	1	25	12	—	6	7	—
17	24	5	—	14	3	2	36	17	—	14	4	1
16	41	—	—	22	14	5	21	2	—	11	4	4
15	12	—	—	—	5	7	14	—	—	—	5	9
14	2	—	—	—	1	1	2	—	—	—	1	1
≤ 12	9	2	—	4	2	1	24	2	—	13	9	—

Total trips: 1,352

SANDUSKY HARBOR, OH

	Inbound						Outbound					
Grand Total	1,795	1,784	—	6	5	—	1,805	1,795	—	5	5	—

FOREIGN

Total	94	94	—	—	—	—	116	114	—	1	1	—
27	1	1	—	—	—	—	25	25	—	—	—	—
26	3	3	—	—	—	—	20	20	—	—	—	—
25	2	2	—	—	—	—	4	4	—	—	—	—
24	30	30	—	—	—	—	7	7	—	—	—	—
23	17	17	—	—	—	—	6	6	—	—	—	—
22	2	2	—	—	—	—	11	11	—	—	—	—
21	1	1	—	—	—	—	8	7	—	1	—	—
20	6	6	—	—	—	—	3	2	—	—	1	—
19	2	2	—	—	—	—	3	3	—	—	—	—
18	—	—	—	—	—	—	1	1	—	—	—	—
17	—	—	—	—	—	—	1	1	—	—	—	—
15	—	—	—	—	—	—	1	1	—	—	—	—
13	—	—	—	—	—	—	1	1	—	—	—	—
≤ 12	30	30	—	—	—	—	25	25	—	—	—	—

DOMESTIC

Total	1,701	1,690	—	6	5	—	1,689	1,681	—	4	4	—
27	1	1	—	—	—	—	2	2	—	—	—	—
24	—	—	—	—	—	—	1	1	—	—	—	—
23	13	13	—	—	—	—	12	12	—	—	—	—
22	6	6	—	—	—	—	16	16	—	—	—	—

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
SANDUSKY HARBOR, OH - continued												
	Inbound						Outbound					
DOMESTIC												
21	4	4	—	—	—	—	3	3	—	—	—	—
20	5	5	—	—	—	—	9	9	—	—	—	—
19	18	18	—	—	—	—	12	6	—	3	3	—
18	23	21	—	1	1	—	7	7	—	—	—	—
17	3	3	—	—	—	—	6	6	—	—	—	—
16	5	1	—	2	2	—	1	1	—	—	—	—
≤ 12	1,623	1,618	—	3	2	—	1,620	1,618	—	1	1	—
										Total trips:	3,600	
HURON HARBOR, OH												
	Inbound						Outbound					
Grand Total	35	25	—	5	5	—	36	27	—	4	5	—
FOREIGN												
Total	—	—	—	—	—	—	4	4	—	—	—	—
22	—	—	—	—	—	—	3	3	—	—	—	—
21	—	—	—	—	—	—	1	1	—	—	—	—
DOMESTIC												
Total	35	25	—	5	5	—	32	23	—	4	5	—
27	3	3	—	—	—	—	—	—	—	—	—	—
25	22	18	—	2	2	—	3	3	—	—	—	—
24	4	4	—	—	—	—	3	3	—	—	—	—
23	—	—	—	—	—	—	8	2	—	3	3	—
22	—	—	—	—	—	—	3	3	—	—	—	—
21	—	—	—	—	—	—	7	7	—	—	—	—
20	—	—	—	—	—	—	3	3	—	—	—	—
18	—	—	—	—	—	—	2	2	—	—	—	—
17	6	—	—	3	3	—	—	—	—	—	—	—
≤ 12	—	—	—	—	—	—	3	—	—	1	2	—
										Total trips:	71	
LORAIN HARBOR, OH												
	Inbound						Outbound					
Grand Total	103	79	—	12	12	—	106	82	—	12	12	—
FOREIGN												
Total	22	20	—	1	1	—	24	22	—	1	1	—
27	3	3	—	—	—	—	1	1	—	—	—	—
26	4	4	—	—	—	—	3	3	—	—	—	—
25	2	2	—	—	—	—	2	2	—	—	—	—
24	3	3	—	—	—	—	—	—	—	—	—	—
23	1	1	—	—	—	—	5	5	—	—	—	—
22	3	3	—	—	—	—	5	5	—	—	—	—
21	1	1	—	—	—	—	2	2	—	—	—	—
20	1	1	—	—	—	—	2	1	—	—	1	—
19	1	1	—	—	—	—	—	—	—	—	—	—
18	2	—	—	1	1	—	2	1	—	1	—	—
13	—	—	—	—	—	—	1	1	—	—	—	—
≤ 12	1	1	—	—	—	—	1	1	—	—	—	—
DOMESTIC												
Total	81	59	—	11	11	—	82	60	—	11	11	—
26	1	1	—	—	—	—	7	7	—	—	—	—
25	—	—	—	—	—	—	1	1	—	—	—	—
24	15	5	—	5	5	—	1	1	—	—	—	—
23	9	1	—	4	4	—	8	—	—	4	4	—
22	8	8	—	—	—	—	—	—	—	—	—	—
19	2	2	—	—	—	—	6	6	—	—	—	—
18	1	1	—	—	—	—	14	2	—	6	6	—
17	4	—	—	2	2	—	3	3	—	—	—	—
16	—	—	—	—	—	—	2	—	—	1	1	—
15	1	1	—	—	—	—	—	—	—	—	—	—
≤ 12	40	40	—	—	—	—	40	40	—	—	—	—
										Total trips:	209	

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

CLEVELAND HARBOR, OH

	Inbound						Outbound					
Grand Total	920	561	9	162	174	14	893	560	9	150	159	15

FOREIGN

Total	242	161	9	35	35	2	255	178	9	33	33	2
27	14	14	—	—	—	—	1	1	—	—	—	—
26	19	19	—	—	—	—	7	7	—	—	—	—
25	13	13	—	—	—	—	14	14	—	—	—	—
24	5	4	—	—	1	—	32	32	—	—	—	—
23	66	45	—	—	21	—	23	23	—	—	—	—
22	34	26	3	2	3	—	13	12	—	—	1	—
21	14	10	2	—	2	—	7	7	—	—	—	—
20	14	10	3	—	1	—	11	10	1	—	—	—
19	32	—	—	31	1	—	40	8	—	31	1	—
18	5	1	1	1	2	—	28	23	—	1	4	—
17	1	—	—	—	1	—	18	14	1	—	3	—
16	2	1	—	—	—	1	14	9	—	—	4	1
15	2	2	—	—	—	—	21	3	1	—	17	—
14	—	—	—	—	—	—	6	—	6	—	—	—
13	1	—	—	1	—	—	1	—	—	1	—	—
≤ 12	20	16	—	—	3	1	19	15	—	—	3	1

DOMESTIC

Total	678	400	—	127	139	12	638	382	—	117	126	13
27	72	72	—	—	—	—	12	12	—	—	—	—
26	29	29	—	—	—	—	6	5	—	1	—	—
25	9	7	—	1	1	—	—	—	—	—	—	—
24	36	12	—	12	12	—	13	11	—	1	1	—
23	87	23	—	32	32	—	39	7	—	16	16	—
22	48	28	—	8	12	—	29	25	—	—	4	—
21	118	100	—	4	14	—	72	62	—	—	10	—
20	12	10	—	1	1	—	7	6	—	—	1	—
19	29	21	—	4	4	—	100	94	—	3	3	—
18	39	15	—	4	14	6	75	18	—	20	30	7
17	132	78	—	40	14	—	161	125	—	28	8	—
16	33	—	—	18	15	—	91	11	—	43	37	—
15	17	—	—	—	12	5	18	1	—	—	11	6
14	1	—	—	—	1	—	1	—	—	—	1	—
≤ 12	16	5	—	3	7	1	14	5	—	5	4	—

Total trips: 1,813

FAIRPORT HARBOR, OH

	Inbound						Outbound					
Grand Total	126	74	—	26	26	—	127	73	—	26	28	—

FOREIGN

Total	21	21	—	—	—	—	20	20	—	—	—	—
26	1	1	—	—	—	—	—	—	—	—	—	—
24	2	2	—	—	—	—	1	1	—	—	—	—
23	2	2	—	—	—	—	3	3	—	—	—	—
22	11	11	—	—	—	—	3	3	—	—	—	—
21	3	3	—	—	—	—	—	—	—	—	—	—
20	2	2	—	—	—	—	8	8	—	—	—	—
19	—	—	—	—	—	—	3	3	—	—	—	—
18	—	—	—	—	—	—	2	2	—	—	—	—

DOMESTIC

Total	105	53	—	26	26	—	107	53	—	26	28	—
25	5	—	—	—	5	—	—	—	—	—	—	—
24	28	4	—	12	12	—	5	5	—	—	—	—
23	22	12	—	5	5	—	4	4	—	—	—	—
22	19	10	—	8	1	—	24	11	—	13	—	—
21	2	2	—	—	—	—	8	8	—	—	—	—
20	—	—	—	—	—	—	1	1	—	—	—	—
19	—	—	—	—	—	—	3	1	—	1	1	—
18	5	5	—	—	—	—	5	5	—	—	—	—
17	20	20	—	—	—	—	13	13	—	—	—	—
16	2	—	—	1	1	—	7	5	—	1	1	—
≤ 12	2	—	—	—	2	—	37	—	—	11	26	—

Total trips: 253

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
ASHTABULA HARBOR, OH												
	Inbound						Outbound					
Grand Total	341	252	---	44	45	---	370	274	---	47	49	---
FOREIGN												
Total	153	150	---	1	2	---	185	173	---	5	7	---
28	---	---	---	---	---	---	17	17	---	---	---	---
27	30	30	---	---	---	---	56	56	---	---	---	---
26	17	17	---	---	---	---	15	15	---	---	---	---
25	14	14	---	---	---	---	9	9	---	---	---	---
24	41	41	---	---	---	---	15	15	---	---	---	---
23	34	34	---	---	---	---	18	15	---	---	3	---
22	4	3	---	1	---	---	24	24	---	---	---	---
21	1	1	---	---	---	---	15	9	---	4	2	---
20	4	4	---	---	---	---	7	5	---	1	1	---
19	2	2	---	---	---	---	3	3	---	---	---	---
18	---	---	---	---	---	---	2	2	---	---	---	---
17	3	2	---	---	1	---	1	1	---	---	---	---
15	2	1	---	---	1	---	1	1	---	---	---	---
14	1	1	---	---	---	---	---	---	---	---	---	---
≤ 12	---	---	---	---	---	---	2	1	---	---	1	---
DOMESTIC												
Total	188	102	---	43	43	---	185	101	---	42	42	---
30	8	---	---	---	8	---	---	---	---	---	---	---
27	29	28	---	---	1	---	---	---	---	---	---	---
26	68	12	---	32	24	---	20	1	---	15	4	---
25	11	11	---	---	---	---	2	---	---	1	1	---
24	12	12	---	---	---	---	1	1	---	---	---	---
23	3	3	---	---	---	---	18	18	---	---	---	---
22	6	5	---	1	---	---	45	9	---	13	23	---
21	4	4	---	---	---	---	4	2	---	1	1	---
20	4	4	---	---	---	---	19	7	---	6	6	---
19	12	12	---	---	---	---	16	16	---	---	---	---
18	4	2	---	1	1	---	30	26	---	2	2	---
17	4	4	---	---	---	---	21	21	---	---	---	---
16	23	5	---	9	9	---	2	---	---	1	1	---
≤ 12	---	---	---	---	---	---	7	---	---	3	4	---
											Total trips:	711
CONNEAUT HARBOR, OH												
	Inbound						Outbound					
Grand Total	94	80	---	6	8	---	114	98	---	8	8	---
FOREIGN												
Total	6	6	---	---	---	---	21	20	---	1	---	---
27	5	5	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	1	1	---	---	---	---
24	---	---	---	---	---	---	9	9	---	---	---	---
23	---	---	---	---	---	---	2	1	---	1	---	---
22	---	---	---	---	---	---	6	6	---	---	---	---
21	---	---	---	---	---	---	2	2	---	---	---	---
20	---	---	---	---	---	---	1	1	---	---	---	---
14	1	1	---	---	---	---	---	---	---	---	---	---
DOMESTIC												
Total	88	74	---	6	8	---	93	78	---	7	8	---
27	17	17	---	---	---	---	2	2	---	---	---	---
26	59	46	---	6	7	---	4	4	---	---	---	---
25	6	5	---	---	1	---	2	1	---	---	1	---
24	6	6	---	---	---	---	1	1	---	---	---	---
23	---	---	---	---	---	---	33	33	---	---	---	---
22	---	---	---	---	---	---	29	15	---	7	7	---
21	---	---	---	---	---	---	3	3	---	---	---	---
20	---	---	---	---	---	---	7	7	---	---	---	---
19	---	---	---	---	---	---	5	5	---	---	---	---
18	---	---	---	---	---	---	6	6	---	---	---	---
17	---	---	---	---	---	---	1	1	---	---	---	---
											Total trips:	208

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
ERIE HARBOR, PA												
	Inbound						Outbound					
Grand Total	160	153	2	2	3	---	162	155	2	2	3	---
FOREIGN												
Total	8	6	2	---	---	---	9	7	2	---	---	---
26	3	3	---	---	---	---	---	---	---	---	---	---
25	3	3	---	---	---	---	3	2	1	---	---	---
24	1	---	1	---	---	---	3	2	1	---	---	---
22	1	---	1	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	1	1	---	---	---	---
≤ 12	---	---	---	---	---	---	2	2	---	---	---	---
DOMESTIC												
Total	152	147	---	2	3	---	153	148	---	2	3	---
27	1	1	---	---	---	---	---	---	---	---	---	---
26	2	2	---	---	---	---	---	---	---	---	---	---
25	6	6	---	---	---	---	1	1	---	---	---	---
24	9	7	---	1	1	---	---	---	---	---	---	---
23	4	2	---	1	1	---	1	1	---	---	---	---
22	3	2	---	---	1	---	3	---	---	2	1	---
20	1	1	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	8	8	---	---	---	---
18	---	---	---	---	---	---	6	6	---	---	---	---
17	---	---	---	---	---	---	4	4	---	---	---	---
13	126	126	---	---	---	---	---	---	---	---	---	---
≤ 12	---	---	---	---	---	---	130	128	---	---	2	---
											Total trips:	322

BUFFALO HARBOR, NY												
	Upbound						Downbound					
Grand Total	76	68	---	5	3	---	77	69	---	5	3	---
FOREIGN												
Total	41	41	---	---	---	---	43	43	---	---	---	---
28	1	1	---	---	---	---	---	---	---	---	---	---
27	8	8	---	---	---	---	9	9	---	---	---	---
26	1	1	---	---	---	---	3	3	---	---	---	---
25	4	4	---	---	---	---	4	4	---	---	---	---
24	5	5	---	---	---	---	8	8	---	---	---	---
23	5	5	---	---	---	---	3	3	---	---	---	---
22	1	1	---	---	---	---	15	15	---	---	---	---
21	---	---	---	---	---	---	1	1	---	---	---	---
19	1	1	---	---	---	---	---	---	---	---	---	---
18	15	15	---	---	---	---	---	---	---	---	---	---
DOMESTIC												
Total	35	27	---	5	3	---	34	26	---	5	3	---
25	---	---	---	---	---	---	2	2	---	---	---	---
24	---	---	---	---	---	---	3	3	---	---	---	---
23	3	3	---	---	---	---	2	2	---	---	---	---
22	---	---	---	---	---	---	6	6	---	---	---	---
21	---	---	---	---	---	---	12	12	---	---	---	---
19	15	15	---	---	---	---	---	---	---	---	---	---
18	5	5	---	---	---	---	---	---	---	---	---	---
17	7	4	---	3	---	---	3	---	---	3	---	---
16	---	---	---	---	---	---	1	1	---	---	---	---
15	3	---	---	---	3	---	3	---	---	---	3	---
13	2	---	---	2	---	---	2	---	---	2	---	---
											Total trips:	153

PORT OF BUFFALO, NY												
	Inbound						Outbound					
Grand Total	108	69	---	21	3	15	104	68	---	20	3	13
FOREIGN												
Total	43	43	---	---	---	---	47	41	---	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

PORT OF BUFFALO, NY - continued

	Inbound						Outbound					
FOREIGN												
28	—	—	—	—	—	—	1	1	—	—	—	—
27	9	9	—	—	—	—	8	8	—	—	—	—
26	3	3	—	—	—	—	1	1	—	—	—	—
25	4	4	—	—	—	—	4	4	—	—	—	—
24	8	8	—	—	—	—	5	5	—	—	—	—
23	3	3	—	—	—	—	5	5	—	—	—	—
22	15	15	—	—	—	—	1	1	—	—	—	—
21	1	1	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	1	1	—	—	—	—
18	—	—	—	—	—	—	15	15	—	—	—	—
17	—	—	—	—	—	—	2	—	—	2	—	—
16	—	—	—	—	—	—	1	—	—	1	—	—
≤ 12	—	—	—	—	—	—	3	—	—	—	—	3
DOMESTIC												
Total	65	26	—	21	3	15	57	27	—	17	3	10
25	2	2	—	—	—	—	—	—	—	—	—	—
24	3	3	—	—	—	—	—	—	—	—	—	—
23	2	2	—	—	—	—	3	3	—	—	—	—
22	6	6	—	—	—	—	—	—	—	—	—	—
21	12	12	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	15	15	—	—	—	—
18	12	—	—	—	—	12	14	5	—	—	—	9
17	6	—	—	3	—	3	8	4	—	3	—	1
16	16	1	—	15	—	—	11	—	—	11	—	—
15	3	—	—	—	3	—	3	—	—	—	3	—
13	2	—	—	2	—	—	3	—	—	3	—	—
≤ 12	1	—	—	1	—	—	—	—	—	—	—	—
											Total trips:	212

OSWEGO HARBOR, NY

	Upbound						Downbound					
Grand Total	96	58	4	16	13	5	97	59	4	16	13	5
FOREIGN												
Total	94	58	4	15	13	4	97	59	4	16	13	5
26	—	—	—	—	—	—	1	1	—	—	—	—
25	—	—	—	—	—	—	1	1	—	—	—	—
23	2	2	—	—	—	—	7	2	—	—	5	—
22	—	—	—	—	—	—	21	19	1	—	1	—
21	2	—	—	—	2	—	24	22	2	—	—	—
20	4	—	—	—	4	—	12	11	—	—	1	—
19	—	—	—	—	—	—	1	1	—	—	—	—
18	47	39	—	7	1	—	13	—	1	8	—	4
17	23	15	1	5	—	2	5	—	—	5	—	—
16	4	—	3	—	—	1	1	—	—	1	—	—
15	4	2	—	1	—	1	5	2	—	—	2	1
13	2	—	—	1	1	—	1	—	—	1	—	—
≤ 12	6	—	—	1	5	—	5	—	—	1	4	—
DOMESTIC												
Total	2	—	—	1	—	1	—	—	—	—	—	—
16	1	—	—	1	—	—	—	—	—	—	—	—
14	1	—	—	—	—	1	—	—	—	—	—	—
											Total trips:	193

BARCELONA HARBOR, NY
No Vessel Trips Reported

CAPE VINCENT, NY
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

DUNKIRK HARBOR, NY
No Vessel Trips Reported

GREAT SODUS BAY HARBOR, NY
No Vessel Trips Reported

IRONDEQUOIT BAY HARBOR, NEW YORK
No Vessel Trips Reported

KELLEYS ISLAND, OH
(25 feet and less)

	Inbound						Outbound					
Grand Total	6,433	6,433	---	---	---	---	5,146	5,144	---	2	---	---
										Total trips:	---	11,579

NIAGARA FALLS, NY
No Vessel Trips Reported

NIAGARA RIVER, NY
(18 feet and less)

	Upbound						Downbound					
Grand Total	28	---	---	15	---	13	31	---	---	16	---	15
										Total trips:	---	59

OGDENSBURG HARBOR, NY
(27 feet and less)

	Inbound						Outbound					
Grand Total	8	8	---	---	---	---	9	9	---	---	---	---
										Total trips:	---	17

PORT CLINTON HARBOR, OH
(4 feet and less)

	Inbound						Outbound					
Grand Total	2,114	2,114	---	---	---	---	2,114	2,114	---	---	---	---
										Total trips:	---	4,228

ROCHESTER (CHARLOTTE) HARBOR, NY
(18 feet and less)

	Inbound						Outbound					
Grand Total	28	28	---	---	---	---	27	27	---	---	---	---
										Total trips:	---	55

SACKETS HARBOR, NY
No Vessel Trips Reported

TONAWANDA HARBOR, NY
No Vessel Trips Reported

VERMILION HARBOR, OH
No Vessel Trips Reported

WADDINGTON HARBOR, NY
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
ILLINOIS RIVER, IL												
				Upbound						Downbound		
Grand Total	18,117	---	---	3,140	12,259	2,718	19,152	---	---	3,033	13,450	2,669
DOMESTIC												
Total	18,117	---	---	3,140	12,259	2,718	19,152	---	---	3,033	13,450	2,669
12	353	---	---	3	341	9	415	---	---	2	408	5
11	365	---	---	12	320	33	485	---	---	12	420	53
10	367	---	---	65	123	179	421	---	---	62	268	91
9	2,885	---	---	755	1,299	831	6,046	---	---	665	4,960	421
8	4,041	---	---	983	2,781	277	5,512	---	---	971	4,009	532
7	657	---	---	403	205	49	784	---	---	381	312	91
6	689	---	---	619	58	12	709	---	---	655	41	13
5	312	---	---	269	27	16	283	---	---	270	10	3
4	45	---	---	27	6	12	36	---	---	2	1	33
3	164	---	---	2	161	1	130	---	---	2	29	99
2	8,035	---	---	2	6,806	1,227	4,094	---	---	11	2,795	1,288
1	204	---	---	---	132	72	237	---	---	---	197	40
										Total trips:		37,269

CALUMET-SAG CHANNEL, IL												
				Upbound						Downbound		
Grand Total	2,997	---	---	569	2,164	264	2,939	---	---	556	2,141	242
DOMESTIC												
Total	2,997	---	---	569	2,164	264	2,939	---	---	556	2,141	242
12	22	---	---	1	21	---	18	---	---	---	18	---
11	30	---	---	---	21	9	20	---	---	---	20	---
10	45	---	---	10	26	9	28	---	---	9	18	1
9	885	---	---	233	616	36	696	---	---	230	401	65
8	965	---	---	36	890	39	668	---	---	27	631	10
7	126	---	---	41	82	3	117	---	---	47	64	6
6	258	---	---	236	16	6	241	---	---	234	7	---
5	24	---	---	9	15	---	13	---	---	8	4	1
4	4	---	---	2	2	---	1	---	---	---	1	---
3	4	---	---	1	3	---	17	---	---	1	15	1
2	607	---	---	---	453	154	881	---	---	---	726	155
1	27	---	---	---	19	8	239	---	---	---	236	3
										Total trips:		5,936

CHICAGO SANITARY AND SHIP CANAL, IL												
				Upbound						Downbound		
Grand Total	8,772	---	1	1,823	5,685	1,263	8,901	---	1	1,871	5,802	1,227
FOREIGN												
Total	1	---	1	---	---	---	1	---	1	---	---	---
≤ 12	1	---	1	---	---	---	1	---	1	---	---	---
DOMESTIC												
Total	8,771	---	---	1,823	5,685	1,263	8,900	---	---	1,871	5,802	1,227
≤ 12	8,771	---	---	1,823	5,685	1,263	8,900	---	---	1,871	5,802	1,227
										Total trips:		17,673

ILLINOIS WATERWAY, IL												
				Upbound						Downbound		
Grand Total	22,223	---	1	4,133	15,144	2,945	22,700	---	1	3,787	16,145	2,767
FOREIGN												
Total	1	---	1	---	---	---	1	---	1	---	---	---
≤ 12	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

ILLINOIS WATERWAY, IL - continued

Upbound

Downbound

DOMESTIC

Total	22,222	---	---	4,133	15,144	2,945	22,699	---	---	3,787	16,145	2,767
≤ 12	22,222	---	---	4,133	15,144	2,945	22,699	---	---	3,787	16,145	2,767
										Total trips:		44,923

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