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# **WATERBORNE COMMERCE OF THE UNITED STATES**

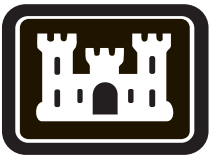
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Calendar Year 2002

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Part 3—  
Waterways and Harbors  
Great Lakes

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Department of the Army  
Corps of Engineers

Institute for Water Resources

IWR-WCUS-02-3



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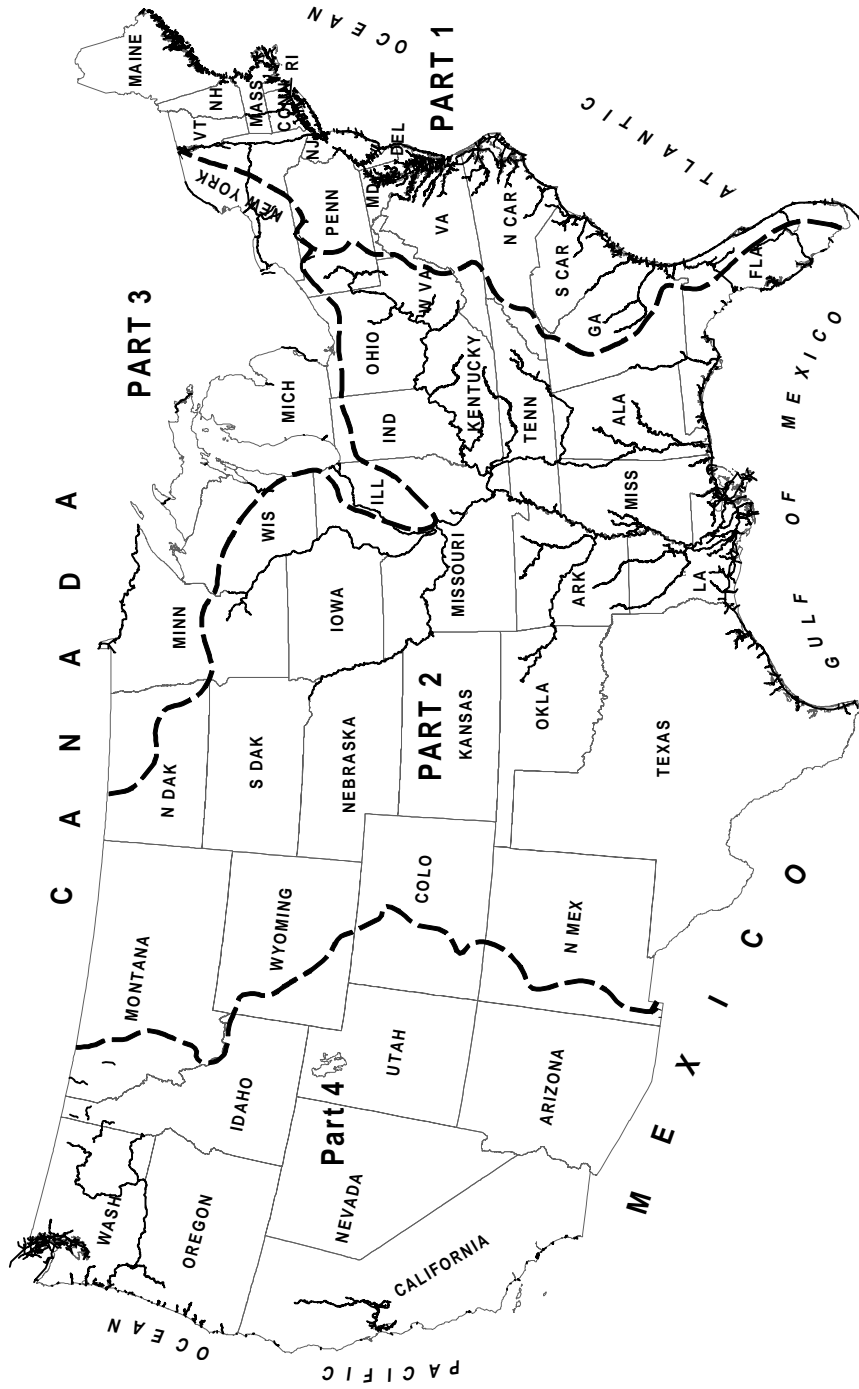


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Geographical Areas Covered by  
Waterborne Commerce Statistics Publications  
of the  
DEPARTMENT OF THE ARMY CORPS OF ENGINEERS  
(Heavy broken lines indicate the limits embraced by  
each part of the five part series)



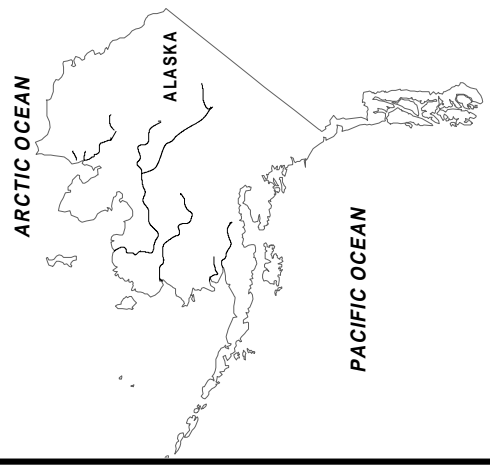
WATERBORNE COMMERCE OF THE UNITED STATES

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

PART 2



PART 4



PART 4



PART 5

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# Introduction

## General

*Waterborne Commerce of the United States, WCUS, Part 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, the Commonwealth of Puerto Rico, and the Virgin Islands.

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

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

**WCUS, Part 1 Atlantic Coast**

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

**WCUS, Part 3 Great Lakes**

**WCUS, Part 4 Pacific Coast, Alaska and Hawaii**

**WCUS, Part 5 National Summaries**

## Legal Authority

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

Owners, agents, masters, and clerks of vessels and other craft plying upon the navigable waters of the United States, and all individuals and corporations engaged in transporting their own goods upon the navigable waters of the United States, shall furnish such statements relative to vessels, passengers,

freight and tonnage as may be required by the Secretary of the Army: Provided. That this provision shall not apply to those rafting logs, except upon a direct request upon the owner to furnish specific information.

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

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

## Domestic Commerce

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

The waterborne traffic movements are reported to the Corps of Engineers by all vessel

operators of record on ENG Forms 3925 and 3925b (or equivalent) approved by the Office of Management and Budget under the Paperwork Reduction Act (44 U.S.C. 3510(a)). The reports are generally submitted on the basis of individual vessel movements completed. For movements with cargo, the point of loading and the point of unloading of each individual commodity must be delineated. Cargo moved for the military agencies in commercial vessels is reported as ordinary commercial cargo; military cargo movements in Department of Defense vessels are not collected.

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

### Foreign Commerce

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

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

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

Import and export shipments for use of the United States Armed Forces abroad are not

reported to the Waterborne Commerce Statistics Center (WCSC). Beginning with calendar year 1989 shipments under the military assistance program of the Department of Defense are included in the statistics under the appropriate commodity code. In prior years these cargoes were given as commodity code 9999.

### Commodity Descriptions

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

### Tonnage

The tonnage figures provided throughout the **WCUS, Parts 1-5** represent short tons (2000 pounds). A dash means zero tons. A zero represents tonnage that rounds down to zero. Columns and rows may not add up exactly to totals and subtotals due to rounding. Columns and rows may not add up exactly to totals and subtotals due to rounding.

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

### Ton-Miles

Domestic and foreign ton-miles are calculated by multiplying the tons of the commerce being moved by the number of miles actually moved on the waterway or channel as defined for each freight table. Ton-miles are rounded to the nearest 1000 ton-miles. The ton-mile data appears in the publication by traffic type at the end of a particular freight table for a

given project. Since there are columns that will not print (see tonnage above) the ton-miles associated with these columns will likewise not be included in the total ton-miles for that particular freight table. They will be included in "Ton-miles All Traffic" at the end of the project.

### **Trips**

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

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

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

### **Special Interest**

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

Passenger totals are not included in this publication but are available on request. Passenger data not relevant to transportation such as excursions, sight-seeing, and floating casinos are no longer collected as of calendar year 2001.

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

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

[www.iwr.usace.army.mil/ndc/wcsc/wcsc.htm](http://www.iwr.usace.army.mil/ndc/wcsc/wcsc.htm)



# Terminology

## Types of Traffic

### *Foreign*

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

#### **Imports**

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

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

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

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

#### **Exports**

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

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

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

### *Domestic*

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

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

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

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

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

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

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

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

## Traffic Direction

### Waterways

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

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

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

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

### Ports

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

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

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

**Tons:** The tonnage figures provided throughout the *Waterborne Commerce of the United States*, **WCUS, Parts 1-5** represent short tons (2000 pounds).

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

**Ton-miles:** Water carriage ton-miles were first compiled and published in calendar year 1962. The distances used are statute miles. Domestic and foreign ton-miles are calculated by multiplying the tons of commerce being moved by the number of miles actually moved on the waterway or channel as defined for each freight table (e.g. 50 short tons moving 200 miles on a particular waterway would yield 10,000 ton-miles for that waterway). The ton-mile parameter measures the total activity on a waterway or channel. Ton-miles are not computed for ports.

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

Ton-miles are rounded to the nearest thousand.

**Trip Ton-miles:** Trip ton-miles is a measure of a single waterway's contribution to the whole waterway system. Trip ton-miles are computed by identifying every commercial cargo-carrying vessel that has plied a particular inland waterway and summing the products of the tons times the total trip-miles for each vessel trip. "Trip-miles" is the total distance from origin to destination. For example, a barge carrying 1200 tons of wheat might only travel 30 miles on the Illinois River but its total trip to New Orleans might be 1000 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.

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

## Commodity Classification List

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



TABLE 1-TON-MILEAGE OF UNITED STATES FREIGHT CARRIED ON THE GREAT LAKES BY AREA, CALENDAR YEAR 2002  
(thousand ton-miles)

Area	Area Totals			Foreign			Domestic						Intraport		
				Overseas		Canadian		Coastwise		Lakewise		Internal		Intraport	
	In/Out	Through		In/Out	Through	In/Out	Through	In/Out	Through	In/Out	Through	In/Out	Through	In/Out	Through
DETROIT RIVER, MI	2,099,535	13,199	135,329	53,157	826,120	—	—	—	—	253,411	816,158	2,003	158	—	—
*LAKE ERIE	12,461,002	220,099	1,326,573	3,190,631	3,894,634	—	—	—	—	3,205,712	623,026	215	—	112	—
LAKE HURON	25,607,844	122	1,184,317	757,060	6,457,134	—	—	—	—	5,491,565	11,713,940	—	3,707	—	—
**LAKE MICHIGAN	21,044,973	893,270	—	3,241,192	—	—	—	—	—	14,742,138	2,095,755	17,806	—	54,812	—
***LAKE ONTARIO	5,700,766	—	2,365,994	46,779	3,287,992	—	—	—	—	—	—	—	—	—	—
LAKE SUPERIOR	25,866,652	938,670	—	5,030,975	471,167	—	—	—	—	19,425,780	59	1	—	0	—
ST. CLAIR RIVER, MI	2,873,847	—	170,252	4,961	1,102,813	—	—	—	—	158,482	1,436,835	—	504	—	—
****ST. LAWRENCE RIVER	1,479,992	602	675,129	23,614	780,646	—	—	—	—	—	—	—	—	—	—
ST. MARYS RIVER, MI	4,855,771	—	156,445	8,349	1,175,053	—	—	—	—	32,905	3,483,019	—	—	—	—
WELLAND CANAL, CANADA	580,271	—	164,221	—	416,050	—	—	—	—	—	—	—	—	—	—
NET UNITED STATES TRAFFIC ON THE GREAT LAKES	102,570,651	8,244,221	—	30,768,328	—	—	—	—	—	63,478,785	8,889	—	—	70,428	—

\* 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)  
 \*\*\* 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, CALENDAR YEAR 2002  
(thousand short tons)

Area	Area Totals			Foreign			Domestic			Intraport In/Out			
	In/Out	Through	Total	Overseas		Canadian	Coastwise		Lakewise		Internal	Through	
				In/Out	Through		In/Out	Through	In/Out				Through
DETROIT RIVER, MI	74,653	4,365	3,730	26,649	---	---	12,720	26,328	177	5	---		
*LAKE ERIE	80,901	5,044	22,429	16,637	---	---	28,450	7,187	5	---	112		
LAKE HURON	114,050	4,365	3,827	26,179	---	---	21,839	57,827	---	13	---		
**LAKE MICHIGAN	57,770	1,921	7,703	---	---	---	35,746	7,021	2,786	---	2,593		
***LAKE ONTARIO	22,267	---	474	15,710	---	---	---	0	---	---	0		
LAKE SUPERIOR	76,575	2,444	14,259	2,662	---	---	57,195	12	1	---	1		
ST. CLAIR RIVER, MI	79,341	---	658	28,277	---	---	9,185	36,842	---	13	---		
****ST. LAWRENCE RIVER	13,091	12	106	6,891	---	---	---	---	---	---	---		
ST. MARYS RIVER, MI	80,330	---	333	22,146	---	---	984	54,422	---	---	---		
WELLAND CANAL, CANADA	21,774	---	6,082	15,692	---	---	---	---	---	---	---		
NET UNITED STATES TRAFFIC ON THE GREAT LAKES	167,226	6,094	53,888	---	---	---	101,569	---	2,487	---	3,189		

\* 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)  
 \*\*\* 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
1993	159,628	1996	181,773	1999	182,862	<b>2002</b>	<b>167,226</b>
1994	175,275	1997	188,579	2000	187,489		
1995	177,750	1998	192,235	2001	171,359		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Foreign				Domestic		
		Inbound		Outbound		Lakewise	Internal	Inraport
		Canadian	Overseas*	Canadian	Overseas			
<b>Total, all commodities</b>	<b>167,226</b>	<b>18,196</b>	<b>3,353</b>	<b>35,692</b>	<b>2,742</b>	<b>101,569</b>	<b>2,487</b>	<b>3,189</b>
<b>Total coal</b>	<b>41,357</b>	<b>607</b>	<b>—</b>	<b>20,529</b>	<b>55</b>	<b>19,408</b>	<b>740</b>	<b>19</b>
1100 coal lignite	40,165	541	—	20,438	—	19,176	—	10
1200 coal coke	1,192	67	—	90	55	231	740	8
<b>Total petroleum and petroleum products</b>	<b>4,290</b>	<b>723</b>	<b>—</b>	<b>743</b>	<b>45</b>	<b>1,944</b>	<b>212</b>	<b>622</b>
<b>Subtotal crude petroleum</b>	<b>16</b>	<b>—</b>	<b>—</b>	<b>16</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
2100 crude petroleum	16	—	—	16	—	—	—	—
<b>Subtotal petroleum products</b>	<b>4,274</b>	<b>723</b>	<b>—</b>	<b>727</b>	<b>45</b>	<b>1,944</b>	<b>212</b>	<b>622</b>
2211 gasoline	533	94	—	35	—	402	0	2
2330 distillate fuel oil	734	269	—	36	—	197	18	214
2340 residual fuel oil	362	105	—	22	—	127	19	89
2350 lube oil & greases	49	—	—	23	—	3	4	19
2429 naphtha & solvents	20	4	—	3	—	—	—	14
2430 asphalt, tar & pitch	1,345	23	—	5	—	1,068	153	96
2540 petroleum coke	1,196	228	—	604	45	119	15	184
2640 liquid natural gas	1	—	—	—	—	1	0	0
2990 petro. products nec	35	—	—	—	—	28	3	4
<b>Total chemicals and related products</b>	<b>2,154</b>	<b>601</b>	<b>23</b>	<b>1,174</b>	<b>8</b>	<b>154</b>	<b>45</b>	<b>149</b>
<b>Subtotal fertilizers</b>	<b>355</b>	<b>278</b>	<b>—</b>	<b>20</b>	<b>—</b>	<b>—</b>	<b>43</b>	<b>14</b>
3110 nitrogenous fert.	69	18	—	—	—	—	37	14
3120 phosphatic fert.	5	—	—	—	—	—	5	—
3130 potassic fert.	261	260	—	—	—	—	1	—
3190 fert. & mixes nec	20	—	—	20	—	—	—	—
<b>Subtotal other chemicals and related products</b>	<b>1,798</b>	<b>323</b>	<b>23</b>	<b>1,154</b>	<b>8</b>	<b>154</b>	<b>1</b>	<b>135</b>
3212 benzene & toluene	30	15	—	15	—	—	—	—
3219 other hydrocarbons	50	7	23	6	—	—	—	14
3220 alcohols	48	—	—	—	—	—	—	48
3230 carboxylic acids	5	—	—	5	—	—	—	—
3274 sodium hydroxide	57	—	—	57	—	—	—	—
3275 inorg. elem., oxides, & halogen salts	421	39	—	382	—	—	—	—
3276 metallic salts	909	61	—	612	8	154	1	73
3282 pigments & paints	42	42	0	—	—	—	—	—
3285 perfumes & cleansers	0	—	—	0	—	—	—	—
3286 plastics	0	—	—	0	—	—	—	—
3292 starches, gluten, glue	46	36	—	10	—	—	—	—
3299 chem. products nec	190	123	—	67	—	—	—	—
<b>Total crude materials, inedible except fuels</b>	<b>102,081</b>	<b>12,390</b>	<b>432</b>	<b>10,253</b>	<b>114</b>	<b>76,142</b>	<b>473</b>	<b>2,276</b>
<b>Subtotal forest products, wood and chips</b>	<b>164</b>	<b>114</b>	<b>49</b>	<b>—</b>	<b>—</b>	<b>1</b>	<b>0</b>	<b>0</b>
4170 wood in the rough	11	—	11	—	—	1	0	—
4189 lumber	152	114	38	—	—	—	0	0
<b>Subtotal pulp and waste paper</b>	<b>161</b>	<b>6</b>	<b>156</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
4225 pulp & waste paper	161	6	156	—	—	—	—	—
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>36,575</b>	<b>2,377</b>	<b>—</b>	<b>3,342</b>	<b>5</b>	<b>28,536</b>	<b>174</b>	<b>2,141</b>
4310 building stone	25	25	—	—	—	—	—	—
4322 limestone	30,409	151	—	2,695	5	27,530	27	—
4323 gypsum	770	—	—	185	—	439	147	—
4331 sand & gravel	5,267	2,201	—	462	—	463	0	2,141
4335 waterway improv. mat	103	—	—	—	—	103	—	0
4338 soil & fill dirt	0	—	—	—	—	0	—	—
<b>Subtotal iron ore and scrap</b>	<b>56,268</b>	<b>3,314</b>	<b>3</b>	<b>5,998</b>	<b>—</b>	<b>46,815</b>	<b>125</b>	<b>11</b>
4410 iron ore	56,075	3,271	3	5,929	—	46,811	61	—
4420 iron & steel scrap	192	44	—	70	—	4	63	11
<b>Subtotal non-ferrous ores and scrap</b>	<b>355</b>	<b>30</b>	<b>134</b>	<b>113</b>	<b>—</b>	<b>51</b>	<b>27</b>	<b>—</b>
4650 aluminum ore	135	—	59	—	—	51	25	—
4670 manganese ore	2	—	—	—	—	—	2	—
4690 non-ferrous ores nec	218	30	75	113	—	—	—	—
<b>Subtotal sulphur, clay and salt</b>	<b>2,503</b>	<b>2,134</b>	<b>56</b>	<b>145</b>	<b>110</b>	<b>45</b>	<b>14</b>	<b>—</b>
4741 sulphur, (dry)	63	63	—	—	—	—	—	—
4782 clay & refrac. mat.	2,440	2,071	56	145	110	45	14	—
<b>Subtotal slag</b>	<b>1,202</b>	<b>810</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>275</b>	<b>102</b>	<b>14</b>
4860 slag	1,202	810	—	—	—	275	102	14
<b>Subtotal other non-metal. min.</b>	<b>4,854</b>	<b>3,605</b>	<b>34</b>	<b>655</b>	<b>—</b>	<b>419</b>	<b>31</b>	<b>110</b>
4900 non-metal. min. nec	4,854	3,605	34	655	—	419	31	110



TABLE 3 - NET SUMMARY OF FOREIGN AND DOMESTIC FREIGHT CARRIED ON THE GREAT LAKES  
 BY TYPE OF TRAFFIC AND COMMODITY  
 Freight Traffic, 2002 - continued  
 (thousand short tons)

Commodity	Grand Total	Foreign				Domestic		
		Inbound		Outbound		Lakewise	Internal	Intraport
		Canadian	Overseas*	Canadian	Overseas			
<b>Total primary manufactured goods</b>	<b>11,131</b>	<b>3,602</b>	<b>2,777</b>	<b>265</b>	<b>---</b>	<b>3,536</b>	<b>827</b>	<b>123</b>
<b>Subtotal paper products</b>	<b>0</b>	<b>---</b>	<b>---</b>	<b>0</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>
5190 paper products nec	0	---	---	0	---	---	---	---
<b>Subtotal lime, cement and glass</b>	<b>6,927</b>	<b>3,080</b>	<b>83</b>	<b>225</b>	<b>---</b>	<b>3,529</b>	<b>3</b>	<b>8</b>
5220 cement & concrete	6,874	3,027	83	225	---	3,529	3	8
5240 glass & glass prod.	0	---	0	---	---	---	---	---
5290 misc. mineral prod.	52	52	0	---	---	---	0	0
<b>Subtotal primary iron and steel products</b>	<b>3,486</b>	<b>376</b>	<b>2,157</b>	<b>11</b>	<b>---</b>	<b>8</b>	<b>819</b>	<b>115</b>
5312 pig iron	310	142	122	---	---	5	41	---
5315 ferro alloys	16	---	14	---	---	---	2	---
5320 i&s primary forms	898	7	634	8	---	---	248	---
5330 i&s plates & sheets	1,618	105	969	---	---	2	435	108
5360 i&s bars & shapes	445	38	400	3	---	---	3	---
5370 i&s pipe & tube	19	3	14	---	---	---	1	---
5390 primary i&s nec	180	80	3	---	---	---	89	7
<b>Subtotal primary non-ferrous metal products</b>	<b>675</b>	<b>143</b>	<b>499</b>	<b>29</b>	<b>---</b>	<b>---</b>	<b>5</b>	<b>0</b>
5422 aluminum	23	18	3	---	---	---	1	---
5429 smelted prod. nec	30	---	20	10	---	---	---	---
5480 fab. metal products	622	125	475	19	---	---	3	0
<b>Subtotal primary wood products</b>	<b>42</b>	<b>4</b>	<b>38</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>
5540 primary wood prod.	42	4	38	---	---	---	---	---
<b>Total food and farm products</b>	<b>6,010</b>	<b>149</b>	<b>89</b>	<b>2,724</b>	<b>2,519</b>	<b>343</b>	<b>186</b>	<b>---</b>
<b>Subtotal fish</b>	<b>0</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>0</b>	<b>---</b>	<b>---</b>
6134 fish (not shellfish)	0	---	---	---	---	0	---	---
<b>Subtotal grain</b>	<b>4,028</b>	<b>72</b>	<b>84</b>	<b>1,584</b>	<b>1,804</b>	<b>343</b>	<b>141</b>	<b>---</b>
6241 wheat	2,453	42	---	469	1,545	343	54	---
6344 corn	1,439	---	---	1,112	240	---	87	---
6443 barley & rye	37	18	---	---	19	---	---	---
6445 oats	99	12	84	3	---	---	---	---
<b>Subtotal oilseeds</b>	<b>1,711</b>	<b>11</b>	<b>---</b>	<b>1,099</b>	<b>556</b>	<b>---</b>	<b>45</b>	<b>---</b>
6522 soybeans	1,634	11	---	1,099	479	---	45	---
6534 flaxseed	77	---	---	---	77	---	---	---
<b>Subtotal vegetable products</b>	<b>17</b>	<b>---</b>	<b>---</b>	<b>15</b>	<b>2</b>	<b>---</b>	<b>---</b>	<b>---</b>
6654 vegetables & prod.	17	---	---	15	2	---	---	---
<b>Subtotal processed grain and animal feed</b>	<b>206</b>	<b>66</b>	<b>---</b>	<b>20</b>	<b>120</b>	<b>0</b>	<b>---</b>	<b>---</b>
6747 grain mill products	76	36	---	18	22	0	---	---
6782 animal feed, prep.	130	30	---	2	98	---	---	---
<b>Subtotal other agricultural products</b>	<b>48</b>	<b>---</b>	<b>5</b>	<b>7</b>	<b>37</b>	<b>---</b>	<b>---</b>	<b>---</b>
6835 fish, prepared	0	---	---	0	---	---	---	---
6838 tallow, animal oils	4	---	---	---	4	---	---	---
6856 bananas & plantains	0	---	---	0	---	---	---	---
6857 fruit & nuts nec	0	---	---	0	---	---	---	---
6858 fruit juices	0	---	---	0	---	---	---	---
6861 sugar	4	---	4	---	---	---	---	---
6872 cocoa beans	0	---	---	0	---	---	---	---
6885 alcoholic beverages	6	---	---	6	---	---	---	---
6889 food products nec	1	---	0	0	0	---	---	---
6899 farm products nec	32	---	---	---	32	---	---	---
<b>Total all manufactured equipment, machinery and products</b>	<b>171</b>	<b>122</b>	<b>20</b>	<b>4</b>	<b>0</b>	<b>22</b>	<b>3</b>	<b>0</b>
7110 machinery (not elec)	124	108	13	1	0	0	2	0
7120 electrical machinery	18	14	3	0	---	---	1	---
7210 vehicles & parts	4	---	4	0	---	---	---	0
7230 ships & boats	0	---	0	0	---	---	---	---
7400 manufac. wood prod.	0	---	---	---	---	---	0	0
7500 textile products	0	---	---	0	---	---	---	---
7600 rubber & plastic pr.	0	---	---	0	---	---	---	---
7900 manufac. prod. nec	24	---	0	2	---	22	0	---
<b>Total unknown or not elsewhere classified</b>	<b>33</b>	<b>0</b>	<b>11</b>	<b>0</b>	<b>---</b>	<b>21</b>	<b>---</b>	<b>---</b>
9900 unknown or nec	33	0	11	0	---	21	---	---

\*Includes 10,868 tons of foreign inbound in-transits.



# Section 1

## Freight Traffic



WAUKEGAN HARBOR, IL

Section Included: Artificial harbor basin of about 13.5 acres and entrance channel from Lake Michigan approximately 2,200 feet in length. Project Depth: 22 feet in entrance channel; 18 feet between piers and inner basin; 8 feet in anchorage area of approximately 6 acres.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1993	577	1996	469	1999	560	<b>2002</b>	<b>552</b>
1994	604	1997	473	2000	740		
1995	496	1998	555	2001	518		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Canadian Inbound	Domestic		
			Total	Lakewise	
				Receipts	Shipments
<b>Total, all commodities</b>	<b>552</b>	<b>34</b>	<b>518</b>	<b>511</b>	<b>7</b>
<b>Total crude materials, inedible except fuels</b>	<b>284</b>	<b>—</b>	<b>284</b>	<b>278</b>	<b>7</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>284</b>	<b>—</b>	<b>284</b>	<b>278</b>	<b>7</b>
4323 gypsum	276	—	276	276	—
4331 sand & gravel	5	—	5	2	4
4335 waterway improv. mat	3	—	3	—	3
<b>Total primary manufactured goods</b>	<b>267</b>	<b>34</b>	<b>233</b>	<b>233</b>	<b>—</b>
<b>Subtotal lime, cement and glass</b>	<b>267</b>	<b>34</b>	<b>233</b>	<b>233</b>	<b>—</b>
5220 cement & concrete	267	34	233	233	—

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
1993	1,764	1996	700	1999	949	<b>2002</b>	<b>1,269</b>
1994	1,944	1997	733	2000	1,178		
1995	867	1998	935	2001	1,413		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Internal				
		Inbound Upbound	Outbound Downbnd	Through		Intra Upbound
				Upbound	Downbnd	
<b>Total, all commodities</b>	<b>1,269</b>	<b>1,004</b>	<b>139</b>	<b>111</b>	<b>14</b>	<b>1</b>
<b>Total petroleum and petroleum products</b>	<b>27</b>	<b>—</b>	<b>—</b>	<b>15</b>	<b>12</b>	<b>—</b>
<b>Subtotal petroleum products</b>	<b>27</b>	<b>—</b>	<b>—</b>	<b>15</b>	<b>12</b>	<b>—</b>
2330 distillate fuel oil	8	—	—	8	—	—
2340 residual fuel oil	2	—	—	—	2	—
2350 lube oil & greases	3	—	—	—	3	—
2430 asphalt, tar & pitch	6	—	—	—	6	—
2540 petroleum coke	8	—	—	8	—	—
<b>Total chemicals and related products</b>	<b>69</b>	<b>—</b>	<b>—</b>	<b>69</b>	<b>—</b>	<b>—</b>
<b>Subtotal other chemicals and related products</b>	<b>69</b>	<b>—</b>	<b>—</b>	<b>69</b>	<b>—</b>	<b>—</b>
3276 metallic salts	69	—	—	69	—	—
<b>Total crude materials, inedible except fuels</b>	<b>1,136</b>	<b>996</b>	<b>136</b>	<b>—</b>	<b>2</b>	<b>1</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>981</b>	<b>981</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
4331 sand & gravel	981	981	—	—	—	—
<b>Subtotal iron ore and scrap</b>	<b>139</b>	<b>—</b>	<b>136</b>	<b>—</b>	<b>2</b>	<b>1</b>
4410 iron ore	2	—	—	—	2	—
4420 iron & steel scrap	138	—	136	—	—	1
<b>Subtotal other non-metal. min.</b>	<b>15</b>	<b>15</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
4900 non-metal. min. nec	15	15	—	—	—	—
<b>Total primary manufactured goods</b>	<b>16</b>	<b>—</b>	<b>—</b>	<b>16</b>	<b>—</b>	<b>—</b>
<b>Subtotal primary iron and steel products</b>	<b>16</b>	<b>—</b>	<b>—</b>	<b>16</b>	<b>—</b>	<b>—</b>
5330 i&s plates & sheets	16	—	—	16	—	—
<b>Total food and farm products</b>	<b>21</b>	<b>7</b>	<b>3</b>	<b>11</b>	<b>—</b>	<b>—</b>
<b>Subtotal grain</b>	<b>14</b>	<b>7</b>	<b>—</b>	<b>6</b>	<b>—</b>	<b>—</b>
6241 wheat	3	—	—	3	—	—
6344 corn	3	—	—	3	—	—
6443 barley & rye	7	7	—	—	—	—
<b>Subtotal oilseeds</b>	<b>8</b>	<b>—</b>	<b>3</b>	<b>5</b>	<b>—</b>	<b>—</b>
6522 soybeans	8	—	3	5	—	—

CHICAGO RIVER (MAIN AND NORTH BRANCH), IL (INCLUDED IN PORT OF CHICAGO)  
 Freight Traffic, 2002 - continued  
 (thousand short tons)

Commodity	Grand Total	Internal				
		Inbound	Outbound	Through		Intra
		Upbound	Downbnd	Upbound	Downbnd	Upbound
<b>Total all manufactured equipment, machinery and products</b>	<b>1</b>	---	---	---	1	---
7120 electrical machinery	1	---	---	---	1	---
<b>Ton-miles (x1000)</b>	<b>444</b>	<b>305</b>	<b>139</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Tons All Traffic (x1000)</b>	<b>1,269</b>					
<b>Ton-miles All Traffic (x1000)</b>	<b>444</b>					
<b>Total Trip-ton-miles Internal and Intraport (x1000)</b>	<b>215,708</b>					

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
1993	2,368	1996	1,088	1999	1,680	<b>2002</b>	<b>2,197</b>
1994	2,844	1997	1,247	2000	1,598		
1995	1,226	1998	1,500	2001	2,286		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Internal			
		Inbound	Outbound	Through	
		Upbound	Downbnd	Upbound	Downbnd
<b>Total, all commodities</b>	<b>2,197</b>	<b>644</b>	<b>286</b>	<b>1,018</b>	<b>250</b>
<b>Total petroleum and petroleum products</b>	<b>27</b>	---	---	<b>12</b>	<b>15</b>
<b>Subtotal petroleum products</b>	<b>27</b>	---	---	<b>12</b>	<b>15</b>
2330 distillate fuel oil	8	---	---	---	8
2340 residual fuel oil	2	---	---	2	---
2350 lube oil & greases	3	---	---	3	---
2430 asphalt, tar & pitch	6	---	---	6	---
2540 petroleum coke	8	---	---	---	8
<b>Total chemicals and related products</b>	<b>69</b>	---	---	---	<b>69</b>
<b>Subtotal other chemicals and related products</b>	<b>69</b>	---	---	---	<b>69</b>
3276 metallic salts	69	---	---	---	69
<b>Total crude materials, inedible except fuels</b>	<b>2,063</b>	<b>644</b>	<b>286</b>	<b>998</b>	<b>136</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>1,623</b>	<b>642</b>	---	<b>981</b>	---
4331 sand & gravel	1,623	642	---	981	---
<b>Subtotal iron ore and scrap</b>	<b>422</b>	---	<b>284</b>	<b>2</b>	<b>136</b>
4410 iron ore	2	---	---	2	---
4420 iron & steel scrap	420	---	284	---	136
<b>Subtotal slag</b>	<b>3</b>	<b>2</b>	<b>2</b>	---	---
4860 slag	3	2	2	---	---
<b>Subtotal other non-metal. min.</b>	<b>15</b>	---	---	<b>15</b>	---
4900 non-metal. min. nec	15	---	---	15	---
<b>Total primary manufactured goods</b>	<b>16</b>	---	---	---	<b>16</b>
<b>Subtotal primary iron and steel products</b>	<b>16</b>	---	---	---	<b>16</b>
5330 i&s plates & sheets	16	---	---	---	16
<b>Total food and farm products</b>	<b>21</b>	---	---	<b>7</b>	<b>14</b>
<b>Subtotal grain</b>	<b>14</b>	---	---	<b>7</b>	<b>6</b>
6241 wheat	3	---	---	---	3
6344 corn	3	---	---	---	3
6443 barley & rye	7	---	---	7	---
<b>Subtotal oilseeds</b>	<b>8</b>	---	---	---	<b>8</b>
6522 soybeans	8	---	---	---	8
<b>Total all manufactured equipment, machinery and products</b>	<b>1</b>	---	---	<b>1</b>	---
7120 electrical machinery	1	---	---	1	---
<b>Ton-miles (x1000)</b>	<b>6,938</b>	<b>597</b>	<b>3</b>	<b>5,088</b>	<b>1,250</b>
<b>Tons All Traffic (x1000)</b>	<b>2,197</b>				
<b>Ton-miles All Traffic (x1000)</b>	<b>6,938</b>				
<b>Total Trip-ton-miles Internal and Intraport (x1000)</b>	<b>411,812</b>				

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
1993	1,489	1996	2,327	1999	1,986	<b>2002</b>	<b>1,078</b>
1994	2,068	1997	1,845	2000	1,924		
1995	1,913	1998	2,354	2001	1,153		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Foreign	Canadian	Domestic				
		Inbound	Inbound	Total	Lakewise		Internal	
				Receipts	Shipments	Inbound Upbound	Outbound Downbnd	
<b>Total, all commodities</b>	<b>1,078</b>	<b>40</b>	<b>71</b>	<b>967</b>	<b>141</b>	<b>15</b>	<b>709</b>	<b>102</b>
<b>Total coal</b>	<b>1</b>	<b>—</b>	<b>—</b>	<b>1</b>	<b>—</b>	<b>—</b>	<b>1</b>	<b>—</b>
1200 coal coke	1	—	—	1	—	—	1	—
<b>Total petroleum and petroleum products</b>	<b>6</b>	<b>—</b>	<b>—</b>	<b>6</b>	<b>0</b>	<b>—</b>	<b>6</b>	<b>—</b>
<b>Subtotal petroleum products</b>	<b>6</b>	<b>—</b>	<b>—</b>	<b>6</b>	<b>0</b>	<b>—</b>	<b>6</b>	<b>—</b>
2330 distillate fuel oil	0	—	—	0	0	—	—	—
2340 residual fuel oil	2	—	—	2	0	—	1	—
2429 naphtha & solvents	4	—	—	4	—	—	4	—
<b>Total chemicals and related products</b>	<b>57</b>	<b>7</b>	<b>—</b>	<b>50</b>	<b>—</b>	<b>—</b>	<b>16</b>	<b>34</b>
<b>Subtotal other chemicals and related products</b>	<b>57</b>	<b>7</b>	<b>—</b>	<b>50</b>	<b>—</b>	<b>—</b>	<b>16</b>	<b>34</b>
3219 other hydrocarbons	10	7	—	3	—	—	3	—
3220 alcohols	47	—	—	47	—	—	14	34
<b>Total crude materials, inedible except fuels</b>	<b>106</b>	<b>—</b>	<b>25</b>	<b>81</b>	<b>—</b>	<b>—</b>	<b>30</b>	<b>51</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>26</b>	<b>—</b>	<b>16</b>	<b>10</b>	<b>—</b>	<b>—</b>	<b>10</b>	<b>—</b>
4322 limestone	3	—	—	3	—	—	3	—
4331 sand & gravel	23	—	16	7	—	—	7	—
<b>Subtotal iron ore and scrap</b>	<b>74</b>	<b>—</b>	<b>9</b>	<b>65</b>	<b>—</b>	<b>—</b>	<b>14</b>	<b>51</b>
4420 iron & steel scrap	74	—	9	65	—	—	14	51
<b>Subtotal other non-metal. min.</b>	<b>6</b>	<b>—</b>	<b>—</b>	<b>6</b>	<b>—</b>	<b>—</b>	<b>6</b>	<b>—</b>
4900 non-metal. min. nec	6	—	—	6	—	—	6	—
<b>Total primary manufactured goods</b>	<b>859</b>	<b>33</b>	<b>46</b>	<b>780</b>	<b>140</b>	<b>15</b>	<b>613</b>	<b>12</b>
<b>Subtotal lime, cement and glass</b>	<b>179</b>	<b>—</b>	<b>—</b>	<b>179</b>	<b>138</b>	<b>9</b>	<b>31</b>	<b>—</b>
5220 cement & concrete	179	—	—	179	138	9	31	—
<b>Subtotal primary iron and steel products</b>	<b>660</b>	<b>33</b>	<b>46</b>	<b>581</b>	<b>2</b>	<b>5</b>	<b>562</b>	<b>11</b>
5312 pig iron	321	—	—	321	—	5	310	5
5315 ferro alloys	1	1	—	—	—	—	—	—
5320 i&s primary forms	41	—	7	34	—	—	34	—
5330 i&s plates & sheets	148	3	28	117	2	—	109	6
5360 i&s bars & shapes	82	29	—	53	—	—	53	—
5390 primary i&s nec	67	—	12	56	—	—	56	—
<b>Subtotal primary non-ferrous metal products</b>	<b>20</b>	<b>—</b>	<b>—</b>	<b>20</b>	<b>—</b>	<b>—</b>	<b>19</b>	<b>1</b>
5422 aluminum	3	—	—	3	—	—	3	—
5480 fab. metal products	17	—	—	17	—	—	16	1
<b>Total food and farm products</b>	<b>49</b>	<b>—</b>	<b>—</b>	<b>49</b>	<b>—</b>	<b>—</b>	<b>43</b>	<b>6</b>
<b>Subtotal oilseeds</b>	<b>2</b>	<b>—</b>	<b>—</b>	<b>2</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>2</b>
6522 soybeans	2	—	—	2	—	—	—	2
<b>Subtotal vegetable products</b>	<b>3</b>	<b>—</b>	<b>—</b>	<b>3</b>	<b>—</b>	<b>—</b>	<b>1</b>	<b>1</b>
6653 vegetable oils	3	—	—	3	—	—	1	1
<b>Subtotal processed grain and animal feed</b>	<b>3</b>	<b>—</b>	<b>—</b>	<b>3</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>3</b>
6782 animal feed, prep.	3	—	—	3	—	—	—	3
<b>Subtotal other agricultural products</b>	<b>42</b>	<b>—</b>	<b>—</b>	<b>42</b>	<b>—</b>	<b>—</b>	<b>42</b>	<b>—</b>
6861 sugar	42	—	—	42	—	—	42	—
<b>Ton-miles (x1000)</b>	<b>933</b>	<b>40</b>	<b>71</b>	<b>822</b>	<b>141</b>	<b>15</b>	<b>568</b>	<b>99</b>

Tons All Traffic (x1000) 1,078  
 Ton-miles All Traffic (x1000) 933  
 Total Trip-ton-miles Internal and Intraport (x1000) 1,022,963

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
1993	13,706	1996	20,167	1999	15,895	<b>2002</b>	<b>11,034</b>
1994	18,554	1997	16,552	2000	13,925		
1995	18,225	1998	16,703	2001	11,481		

Freight Traffic, 2002 (thousand short tons)

Commodity	Total	Foreign			Canadian		
		Inbound	Outbound	Through Downbnd	Inbound	Outbound	Through Downbnd
<b>Total, all commodities</b>	<b>1,625</b>	<b>216</b>	<b>53</b>	<b>40</b>	<b>732</b>	<b>514</b>	<b>71</b>
<b>Total coal</b>	<b>32</b>	---	---	---	---	<b>32</b>	---
1200 coal coke	32	---	---	---	---	32	---
<b>Total petroleum and petroleum products</b>	<b>375</b>	---	---	---	<b>41</b>	<b>334</b>	---
<b>Subtotal petroleum products</b>	<b>375</b>	---	---	---	<b>41</b>	<b>334</b>	---
2330 distillate fuel oil	7	---	---	---	---	7	---
2340 residual fuel oil	7	---	---	---	7	---	---
2430 asphalt, tar & pitch	10	---	---	---	10	---	---
2540 petroleum coke	351	---	---	---	25	327	---
<b>Total chemicals and related products</b>	<b>116</b>	---	---	<b>7</b>	<b>62</b>	<b>47</b>	---
<b>Subtotal fertilizers</b>	<b>36</b>	---	---	---	<b>36</b>	---	---
3130 potassic fert.	36	---	---	---	36	---	---
<b>Subtotal other chemicals and related products</b>	<b>80</b>	---	---	<b>7</b>	<b>26</b>	<b>47</b>	---
3219 other hydrocarbons	7	---	---	7	---	---	---
3275 inorg. elem., oxides, & halogen salts	73	---	---	---	26	47	---
<b>Total crude materials, inedible except fuels</b>	<b>615</b>	---	---	---	<b>585</b>	<b>5</b>	<b>25</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>77</b>	---	---	---	<b>61</b>	---	<b>16</b>
4310 building stone	25	---	---	---	25	---	---
4322 limestone	36	---	---	---	36	---	---
4331 sand & gravel	16	---	---	---	---	---	16
<b>Subtotal iron ore and scrap</b>	<b>46</b>	---	---	---	<b>32</b>	<b>5</b>	<b>9</b>
4410 iron ore	32	---	---	---	32	---	---
4420 iron & steel scrap	14	---	---	---	---	5	9
<b>Subtotal sulphur, clay and salt</b>	<b>17</b>	---	---	---	<b>17</b>	---	---
4782 clay & refrac. mat.	17	---	---	---	17	---	---
<b>Subtotal slag</b>	<b>22</b>	---	---	---	<b>22</b>	---	---
4860 slag	22	---	---	---	22	---	---
<b>Subtotal other non-metal. min.</b>	<b>453</b>	---	---	---	<b>453</b>	---	---
4900 non-metal. min. nec	453	---	---	---	453	---	---
<b>Total primary manufactured goods</b>	<b>309</b>	<b>216</b>	---	<b>33</b>	<b>13</b>	---	<b>46</b>
<b>Subtotal primary iron and steel products</b>	<b>305</b>	<b>212</b>	---	<b>33</b>	<b>13</b>	---	<b>46</b>
5312 pig iron	6	---	---	---	6	---	---
5315 ferro alloys	14	13	---	1	---	---	---
5320 i&s primary forms	38	31	---	---	---	---	7
5330 i&s plates & sheets	166	136	---	3	---	---	28
5360 i&s bars & shapes	61	32	---	29	---	---	---
5390 primary i&s nec	19	0	---	---	7	---	12
<b>Subtotal primary non-ferrous metal products</b>	<b>4</b>	<b>4</b>	---	---	---	---	---
5422 aluminum	0	0	---	---	---	---	---
5480 fab. metal products	4	4	---	---	---	---	---
<b>Total food and farm products</b>	<b>178</b>	---	<b>53</b>	---	<b>30</b>	<b>95</b>	---
<b>Subtotal grain</b>	<b>102</b>	---	<b>53</b>	---	---	<b>50</b>	---
6344 corn	102	---	53	---	---	50	---
<b>Subtotal oilseeds</b>	<b>46</b>	---	---	---	---	<b>46</b>	---
6522 soybeans	46	---	---	---	---	46	---
<b>Subtotal processed grain and animal feed</b>	<b>30</b>	---	---	---	<b>30</b>	---	---
6782 animal feed, prep.	30	---	---	---	30	---	---
<b>Total all manufactured equipment, machinery and products</b>	<b>0</b>	<b>0</b>	---	---	---	---	---
7110 machinery (not elec)	0	0	---	---	---	---	---
<b>Ton-miles (x1000)</b>	<b>2,180</b>	<b>216</b>	<b>53</b>	<b>238</b>	<b>732</b>	<b>514</b>	<b>428</b>
<b>Foreign &amp; Canadian</b>							

Commodity	Total	Lakewise			
		Receipts	Shipments	Through	
				Upbound	Downbnd
<b>Total, all commodities</b>	<b>4,164</b>	<b>1,322</b>	<b>2,687</b>	<b>15</b>	<b>141</b>
<b>Total coal</b>	<b>2,424</b>	---	<b>2,424</b>	---	---
1100 coal lignite	2,249	---	2,249	---	---



CALUMET HARBOR AND RIVER, IL AND IN (INCLUDED IN PORT OF CHICAGO)  
Freight Traffic, 2002 - continued  
(thousand short tons)

Commodity	Total	Lakewise			
		Receipts	Shipments	Through	
				Upbound	Downbnd
1200 coal coke	175	—	175	—	—
<b>Total petroleum and petroleum products</b>	<b>112</b>	<b>42</b>	<b>70</b>	<b>—</b>	<b>0</b>
<b>Subtotal petroleum products</b>	<b>112</b>	<b>42</b>	<b>70</b>	<b>—</b>	<b>0</b>
2330 distillate fuel oil	13	12	—	—	0
2340 residual fuel oil	3	3	—	—	0
2350 lube oil & greases	3	—	3	—	—
2540 petroleum coke	93	26	67	—	—
<b>Total chemicals and related products</b>	<b>2</b>	<b>2</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>Subtotal other chemicals and related products</b>	<b>2</b>	<b>2</b>	<b>—</b>	<b>—</b>	<b>—</b>
3276 metallic salts	2	2	—	—	—
<b>Total crude materials, inedible except fuels</b>	<b>1,166</b>	<b>975</b>	<b>190</b>	<b>—</b>	<b>—</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>975</b>	<b>975</b>	<b>—</b>	<b>—</b>	<b>—</b>
4322 limestone	973	973	—	—	—
4335 waterway improv. mat	2	2	—	—	—
<b>Subtotal iron ore and scrap</b>	<b>183</b>	<b>—</b>	<b>183</b>	<b>—</b>	<b>—</b>
4410 iron ore	183	—	183	—	—
<b>Subtotal slag</b>	<b>7</b>	<b>—</b>	<b>7</b>	<b>—</b>	<b>—</b>
4860 slag	7	—	7	—	—
<b>Total primary manufactured goods</b>	<b>460</b>	<b>303</b>	<b>2</b>	<b>15</b>	<b>140</b>
<b>Subtotal lime, cement and glass</b>	<b>452</b>	<b>303</b>	<b>2</b>	<b>9</b>	<b>138</b>
5220 cement & concrete	452	303	2	9	138
<b>Subtotal primary iron and steel products</b>	<b>8</b>	<b>—</b>	<b>—</b>	<b>5</b>	<b>2</b>
5312 pig iron	5	—	—	5	—
5330 i&s plates & sheets	2	—	—	—	2
<b>Ton-miles (x1000)</b>	<b>17,633</b>	<b>3,708</b>	<b>12,991</b>	<b>89</b>	<b>845</b>
<b>Lakewise</b>					

Commodity	Total	Internal				
		Inbound Upbound	Outbound Downbnd	Through		Intra Downbnd
				Upbound	Downbnd	
<b>Total, all commodities</b>	<b>5,245</b>	<b>1,683</b>	<b>880</b>	<b>1,578</b>	<b>1,097</b>	<b>7</b>
<b>Total coal</b>	<b>911</b>	<b>143</b>	<b>21</b>	<b>740</b>	<b>—</b>	<b>7</b>
1100 coal lignite	34	23	4	—	—	7
1200 coal coke	877	120	17	740	—	—
<b>Total petroleum and petroleum products</b>	<b>696</b>	<b>356</b>	<b>62</b>	<b>62</b>	<b>217</b>	<b>—</b>
<b>Subtotal petroleum products</b>	<b>696</b>	<b>356</b>	<b>62</b>	<b>62</b>	<b>217</b>	<b>—</b>
2330 distillate fuel oil	99	25	9	—	65	—
2340 residual fuel oil	55	12	1	25	17	—
2350 lube oil & greases	20	—	—	14	6	—
2430 asphalt, tar & pitch	55	8	5	—	42	—
2540 petroleum coke	461	311	47	16	87	—
2990 petro. products nec	6	—	—	6	—	—
<b>Total chemicals and related products</b>	<b>112</b>	<b>43</b>	<b>12</b>	<b>53</b>	<b>5</b>	<b>—</b>
<b>Subtotal fertilizers</b>	<b>93</b>	<b>31</b>	<b>5</b>	<b>53</b>	<b>5</b>	<b>—</b>
3110 nitrogenous fert.	82	31	—	51	—	—
3120 phosphatic fert.	9	—	5	—	5	—
3130 potassic fert.	1	—	—	1	—	—
<b>Subtotal other chemicals and related products</b>	<b>20</b>	<b>13</b>	<b>7</b>	<b>—</b>	<b>—</b>	<b>—</b>
3276 metallic salts	9	2	7	—	—	—
3279 inorganic chem. nec	11	11	—	—	—	—
<b>Total crude materials, inedible except fuels</b>	<b>1,077</b>	<b>331</b>	<b>251</b>	<b>414</b>	<b>81</b>	<b>—</b>
<b>Subtotal forest products, wood and chips</b>	<b>10</b>	<b>10</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
4161 wood chips	4	4	—	—	—	—
4190 forest products nec	6	6	—	—	—	—
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>203</b>	<b>29</b>	<b>—</b>	<b>174</b>	<b>—</b>	<b>—</b>
4322 limestone	43	16	—	27	—	—
4323 gypsum	158	12	—	147	—	—
4331 sand & gravel	1	1	—	—	—	—
<b>Subtotal iron ore and scrap</b>	<b>381</b>	<b>9</b>	<b>239</b>	<b>100</b>	<b>34</b>	<b>—</b>
4410 iron ore	103	5	38	42	17	—
4420 iron & steel scrap	278	3	201	57	16	—
<b>Subtotal non-ferrous ores and scrap</b>	<b>85</b>	<b>54</b>	<b>5</b>	<b>27</b>	<b>—</b>	<b>—</b>
4650 aluminum ore	28	3	—	25	—	—
4670 manganese ore	36	30	5	2	—	—
4680 non-ferrous scrap	1	1	—	—	—	—
4690 non-ferrous ores nec	20	20	—	—	—	—
<b>Subtotal sulphur, clay and salt</b>	<b>46</b>	<b>27</b>	<b>6</b>	<b>14</b>	<b>—</b>	<b>—</b>
4782 clay & refrac. mat.	46	27	6	14	—	—
<b>Subtotal slag</b>	<b>132</b>	<b>14</b>	<b>2</b>	<b>69</b>	<b>47</b>	<b>—</b>
4860 slag	132	14	2	69	47	—

CALUMET HARBOR AND RIVER, IL AND IN (INCLUDED IN PORT OF CHICAGO)  
Freight Traffic, 2002 - continued  
(thousand short tons)

Commodity	Total	Internal				
		Inbound	Outbound	Through		Intra
		Upbound	Downbnd	Upbound	Downbnd	Downbnd
<b>Subtotal other non-metal. min.</b>	<b>220</b>	<b>189</b>	<b>---</b>	<b>31</b>	<b>---</b>	<b>---</b>
4900 non-metal. min. nec	220	189	---	31	---	---
<b>Total primary manufactured goods</b>	<b>1,844</b>	<b>781</b>	<b>137</b>	<b>310</b>	<b>617</b>	<b>---</b>
<b>Subtotal paper products</b>	<b>1</b>	<b>1</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>
5120 paper & paperboard	1	1	---	---	---	---
<b>Subtotal lime, cement and glass</b>	<b>173</b>	<b>52</b>	<b>119</b>	<b>---</b>	<b>3</b>	<b>---</b>
5220 cement & concrete	173	52	119	---	3	---
<b>Subtotal primary iron and steel products</b>	<b>1,565</b>	<b>632</b>	<b>14</b>	<b>307</b>	<b>612</b>	<b>---</b>
5312 pig iron	211	167	3	41	---	---
5315 ferro alloys	163	159	3	2	---	---
5320 i&s primary forms	254	4	1	246	3	---
5330 i&s plates & sheets	707	179	1	2	524	---
5360 i&s bars & shapes	90	84	3	---	3	---
5370 i&s pipe & tube	1	---	---	---	1	---
5390 primary i&s nec	138	40	2	16	80	---
<b>Subtotal primary non-ferrous metal products</b>	<b>105</b>	<b>96</b>	<b>4</b>	<b>3</b>	<b>2</b>	<b>---</b>
5422 aluminum	3	1	---	1	---	---
5429 smelted prod. nec	24	24	---	---	---	---
5480 fab. metal products	79	71	4	2	2	---
<b>Total food and farm products</b>	<b>588</b>	<b>29</b>	<b>383</b>	<b>---</b>	<b>176</b>	<b>---</b>
<b>Subtotal grain</b>	<b>400</b>	<b>20</b>	<b>245</b>	<b>---</b>	<b>135</b>	<b>---</b>
6241 wheat	179	2	126	---	51	---
6344 corn	202	---	119	---	84	---
6443 barley & rye	11	11	---	---	---	---
6445 oats	8	8	---	---	---	---
<b>Subtotal oilseeds</b>	<b>175</b>	<b>2</b>	<b>132</b>	<b>---</b>	<b>41</b>	<b>---</b>
6522 soybeans	166	---	125	---	41	---
6590 oilseeds nec	9	2	7	---	---	---
<b>Subtotal processed grain and animal feed</b>	<b>6</b>	<b>---</b>	<b>6</b>	<b>---</b>	<b>---</b>	<b>---</b>
6782 animal feed, prep.	6	---	6	---	---	---
<b>Subtotal other agricultural products</b>	<b>7</b>	<b>7</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>
6865 molasses	7	7	---	---	---	---
<b>Total all manufactured equipment, machinery and products</b>	<b>17</b>	<b>---</b>	<b>14</b>	<b>1</b>	<b>1</b>	<b>---</b>
7110 machinery (not elec)	2	---	---	1	1	---
7120 electrical machinery	1	---	---	1	---	---
7600 rubber & plastic pr.	14	---	14	---	---	---
<b>Ton-miles (x1000)</b>	<b>21,794</b>	<b>3,531</b>	<b>2,215</b>	<b>9,469</b>	<b>6,579</b>	<b>0</b>
<b>Internal</b>						
<b>Tons All Traffic (x1000)</b>	<b>11,034</b>					
<b>Ton-miles All Traffic (x1000)</b>	<b>41,608</b>					
<b>Total Trip-ton-miles Internal and Intraport (x1000)</b>	<b>5,550,009</b>					

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
1993	25,048	1996	27,886	1999	26,602	<b>2002</b>	<b>20,403</b>
1994	29,422	1997	24,868	2000	23,929		
1995	25,329	1998	25,979	2001	21,976		

Freight Traffic, 2002 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
<b>Total, all commodities</b>	<b>1,625</b>	<b>256</b>	<b>53</b>	<b>803</b>	<b>514</b>
<b>Total coal</b>	<b>32</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>32</b>
1200 coal coke	32	---	---	---	32
<b>Total petroleum and petroleum products</b>	<b>375</b>	<b>---</b>	<b>---</b>	<b>41</b>	<b>334</b>
<b>Subtotal petroleum products</b>	<b>375</b>	<b>---</b>	<b>---</b>	<b>41</b>	<b>334</b>
2330 distillate fuel oil	7	---	---	---	7
2340 residual fuel oil	7	---	---	7	---
2430 asphalt, tar & pitch	10	---	---	10	---
2540 petroleum coke	351	---	---	25	327
<b>Total chemicals and related products</b>	<b>116</b>	<b>7</b>	<b>---</b>	<b>62</b>	<b>47</b>
<b>Subtotal fertilizers</b>	<b>36</b>	<b>---</b>	<b>---</b>	<b>36</b>	<b>---</b>
3130 potassic fert.	36	---	---	36	---

PORT OF CHICAGO, IL  
Freight Traffic, 2002 - continued  
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
<b>Subtotal other chemicals and related products</b>	<b>80</b>	<b>7</b>	<b>—</b>	<b>26</b>	<b>47</b>
3219 other hydrocarbons	7	7	—	—	—
3275 inorg. elem., oxides, & halogen salts	73	—	—	26	47
<b>Total crude materials, inedible except fuels</b>	<b>615</b>	<b>—</b>	<b>—</b>	<b>610</b>	<b>5</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>77</b>	<b>—</b>	<b>—</b>	<b>77</b>	<b>—</b>
4310 building stone	25	—	—	25	—
4322 limestone	36	—	—	36	—
4331 sand & gravel	16	—	—	16	—
<b>Subtotal iron ore and scrap</b>	<b>46</b>	<b>—</b>	<b>—</b>	<b>41</b>	<b>5</b>
4410 iron ore	32	—	—	32	—
4420 iron & steel scrap	14	—	—	9	5
<b>Subtotal sulphur, clay and salt</b>	<b>17</b>	<b>—</b>	<b>—</b>	<b>17</b>	<b>—</b>
4782 clay & refrac. mat.	17	—	—	17	—
<b>Subtotal slag</b>	<b>22</b>	<b>—</b>	<b>—</b>	<b>22</b>	<b>—</b>
4860 slag	22	—	—	22	—
<b>Subtotal other non-metal. min.</b>	<b>453</b>	<b>—</b>	<b>—</b>	<b>453</b>	<b>—</b>
4900 non-metal. min. nec	453	—	—	453	—
<b>Total primary manufactured goods</b>	<b>309</b>	<b>249</b>	<b>—</b>	<b>59</b>	<b>—</b>
<b>Subtotal primary iron and steel products</b>	<b>305</b>	<b>245</b>	<b>—</b>	<b>59</b>	<b>—</b>
5312 pig iron	6	—	—	6	—
5315 ferro alloys	14	14	—	—	—
5320 i&s primary forms	38	31	—	7	—
5330 i&s plates & sheets	166	139	—	28	—
5360 i&s bars & shapes	61	61	—	—	—
5390 primary i&s nec	19	0	—	19	—
<b>Subtotal primary non-ferrous metal products</b>	<b>4</b>	<b>4</b>	<b>—</b>	<b>—</b>	<b>—</b>
5422 aluminum	0	0	—	—	—
5480 fab. metal products	4	4	—	—	—
<b>Total food and farm products</b>	<b>178</b>	<b>—</b>	<b>53</b>	<b>30</b>	<b>95</b>
<b>Subtotal grain</b>	<b>102</b>	<b>—</b>	<b>53</b>	<b>—</b>	<b>50</b>
6344 corn	102	—	53	—	50
<b>Subtotal oilseeds</b>	<b>46</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>46</b>
6522 soybeans	46	—	—	—	46
<b>Subtotal processed grain and animal feed</b>	<b>30</b>	<b>—</b>	<b>—</b>	<b>30</b>	<b>—</b>
6782 animal feed, prep.	30	—	—	30	—
<b>Total all manufactured equipment, machinery and products</b>	<b>0</b>	<b>0</b>	<b>—</b>	<b>—</b>	<b>—</b>
7110 machinery (not elec)	0	0	—	—	—

Commodity	Total	Domestic				
		Lakewise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
<b>Total, all commodities</b>	<b>18,777</b>	<b>1,484</b>	<b>2,701</b>	<b>8,838</b>	<b>3,232</b>	<b>2,522</b>
<b>Total coal</b>	<b>2,670</b>	<b>—</b>	<b>2,424</b>	<b>163</b>	<b>66</b>	<b>17</b>
1100 coal lignite	2,304	—	2,249	28	19	8
1200 coal coke	366	—	175	135	47	8
<b>Total petroleum and petroleum products</b>	<b>3,188</b>	<b>42</b>	<b>70</b>	<b>2,184</b>	<b>604</b>	<b>288</b>
<b>Subtotal crude petroleum</b>	<b>27</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>27</b>	<b>—</b>
2100 crude petroleum	27	—	—	—	27	—
<b>Subtotal petroleum products</b>	<b>3,161</b>	<b>42</b>	<b>70</b>	<b>2,184</b>	<b>577</b>	<b>288</b>
2211 gasoline	198	—	—	193	3	2
2330 distillate fuel oil	698	13	—	410	179	96
2340 residual fuel oil	335	3	—	164	135	32
2350 lube oil & greases	275	—	3	233	39	—
2429 naphtha & solvents	231	—	—	211	7	14
2430 asphalt, tar & pitch	545	—	—	463	27	55
2540 petroleum coke	846	26	67	491	173	89
2990 petro. products nec	34	—	—	19	15	—
<b>Total chemicals and related products</b>	<b>1,696</b>	<b>2</b>	<b>—</b>	<b>1,408</b>	<b>220</b>	<b>68</b>
<b>Subtotal fertilizers</b>	<b>43</b>	<b>—</b>	<b>—</b>	<b>32</b>	<b>11</b>	<b>—</b>
3110 nitrogenous fert.	31	—	—	31	—	—
3120 phosphatic fert.	12	—	—	1	11	—
<b>Subtotal other chemicals and related products</b>	<b>1,654</b>	<b>2</b>	<b>—</b>	<b>1,376</b>	<b>209</b>	<b>68</b>
3212 benzene & toluene	43	—	—	6	37	—
3219 other hydrocarbons	131	—	—	63	54	14
3220 alcohols	815	—	—	651	116	48
3260 organic comp. nec	19	—	—	19	—	—
3274 sodium hydroxide	533	—	—	532	1	—
3275 inorg. elem., oxides, & halogen salts	24	—	—	24	—	—
3276 metallic salts	78	2	—	69	2	6
3279 inorganic chem. nec	11	—	—	11	—	—

PORT OF CHICAGO, IL  
Freight Traffic, 2002 - continued  
(thousand short tons)

Commodity	Total	Domestic				
		Lakewise		Internal		
		Receipts	Shipments	Receipts	Shipments	Inraport
<b>Total crude materials, inedible except fuels</b>	<b>7,010</b>	<b>997</b>	<b>190</b>	<b>2,295</b>	<b>1,386</b>	<b>2,142</b>
<b>Subtotal forest products, wood and chips</b>	<b>185</b>	—	—	<b>183</b>	<b>3</b>	—
4161 wood chips	177	—	—	177	—	—
4189 lumber	3	—	—	—	3	—
4190 forest products nec	6	—	—	6	—	—
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>4,907</b>	<b>997</b>	—	<b>1,228</b>	<b>542</b>	<b>2,141</b>
4322 limestone	996	973	—	23	—	—
4323 gypsum	12	—	—	12	—	—
4331 sand & gravel	3,876	—	—	1,194	542	2,141
4335 waterway improv. mat	24	24	—	—	—	—
<b>Subtotal iron ore and scrap</b>	<b>1,040</b>	—	<b>183</b>	<b>27</b>	<b>829</b>	<b>1</b>
4410 iron ore	231	—	183	5	43	—
4420 iron & steel scrap	809	—	—	22	786	1
<b>Subtotal non-ferrous ores and scrap</b>	<b>60</b>	—	—	<b>55</b>	<b>5</b>	—
4650 aluminum ore	5	—	—	5	—	—
4670 manganese ore	35	—	—	30	5	—
4680 non-ferrous scrap	1	—	—	1	—	—
4690 non-ferrous ores nec	20	—	—	20	—	—
<b>Subtotal sulphur, clay and salt</b>	<b>32</b>	—	—	<b>27</b>	<b>6</b>	—
4782 clay & refrac. mat.	32	—	—	27	6	—
<b>Subtotal slag</b>	<b>31</b>	—	<b>7</b>	<b>20</b>	<b>3</b>	—
4860 slag	31	—	7	20	3	—
<b>Subtotal other non-metal. min.</b>	<b>755</b>	—	—	<b>755</b>	—	—
4900 non-metal. min. nec	755	—	—	755	—	—
<b>Total primary manufactured goods</b>	<b>3,263</b>	<b>443</b>	<b>17</b>	<b>2,648</b>	<b>148</b>	<b>8</b>
<b>Subtotal paper products</b>	<b>1</b>	—	—	<b>1</b>	—	—
5120 paper & paperboard	1	—	—	1	—	—
<b>Subtotal lime, cement and glass</b>	<b>1,614</b>	<b>441</b>	<b>11</b>	<b>1,043</b>	<b>111</b>	<b>8</b>
5220 cement & concrete	1,614	441	11	1,043	111	8
<b>Subtotal primary iron and steel products</b>	<b>1,477</b>	<b>2</b>	<b>5</b>	<b>1,443</b>	<b>27</b>	—
5312 pig iron	491	—	5	477	8	—
5315 ferro alloys	162	—	—	159	3	—
5320 i&s primary forms	42	—	—	41	1	—
5330 i&s plates & sheets	378	2	—	369	7	—
5360 i&s bars & shapes	275	—	—	271	5	—
5370 i&s pipe & tube	5	—	—	5	0	—
5390 primary i&s nec	124	—	—	122	2	—
<b>Subtotal primary non-ferrous metal products</b>	<b>171</b>	—	—	<b>161</b>	<b>10</b>	—
5422 aluminum	5	—	—	5	—	—
5429 smelted prod. nec	42	—	—	42	—	—
5480 fab. metal products	124	—	—	113	10	—
<b>Total food and farm products</b>	<b>930</b>	—	—	<b>141</b>	<b>790</b>	—
<b>Subtotal grain</b>	<b>487</b>	—	—	<b>28</b>	<b>459</b>	—
6241 wheat	172	—	—	2	170	—
6344 corn	289	—	—	—	289	—
6443 barley & rye	18	—	—	18	—	—
6445 oats	8	—	—	8	—	—
<b>Subtotal oilseeds</b>	<b>250</b>	—	—	<b>2</b>	<b>248</b>	—
6522 soybeans	230	—	—	—	230	—
6590 oilseeds nec	20	—	—	2	18	—
<b>Subtotal vegetable products</b>	<b>3</b>	—	—	<b>1</b>	<b>1</b>	—
6653 vegetable oils	3	—	—	1	1	—
<b>Subtotal processed grain and animal feed</b>	<b>81</b>	—	—	—	<b>81</b>	—
6782 animal feed, prep.	81	—	—	—	81	—
<b>Subtotal other agricultural products</b>	<b>110</b>	—	—	<b>110</b>	—	—
6861 sugar	87	—	—	87	—	—
6865 molasses	23	—	—	23	—	—
<b>Total all manufactured equipment, machinery and products</b>	<b>19</b>	—	—	<b>0</b>	<b>19</b>	—
7110 machinery (not elec)	0	—	—	0	—	—
7600 rubber & plastic pr.	19	—	—	—	19	—

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
1993	15,546	1996	16,893	1999	15,127	<b>2002</b>	<b>13,839</b>
1994	16,145	1997	16,524	2000	16,187		
1995	15,700	1998	14,910	2001	13,579		

Freight Traffic, 2002 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
<b>Total, all commodities</b>	<b>513</b>	<b>92</b>		<b>379</b>	<b>42</b>
<b>Total petroleum and petroleum products</b>	<b>87</b>	—		<b>45</b>	<b>42</b>
<b>Subtotal petroleum products</b>	<b>87</b>	—		<b>45</b>	<b>42</b>
2330 distillate fuel oil	6	—		—	6
2429 naphtha & solvents	4	—		4	—
2540 petroleum coke	77	—		42	35
<b>Total chemicals and related products</b>	<b>29</b>	—		<b>29</b>	—
<b>Subtotal other chemicals and related products</b>	<b>29</b>	—		<b>29</b>	—
3282 pigments & paints	29	—		29	—
<b>Total crude materials, inedible except fuels</b>	<b>365</b>	<b>59</b>		<b>305</b>	—
<b>Subtotal iron ore and scrap</b>	<b>167</b>	—		<b>167</b>	—
4410 iron ore	167	—		167	—
<b>Subtotal non-ferrous ores and scrap</b>	<b>59</b>	<b>59</b>		—	—
4650 aluminum ore	59	59		—	—
<b>Subtotal sulphur, clay and salt</b>	<b>6</b>	—		<b>6</b>	—
4741 sulphur, (dry)	6	—		6	—
<b>Subtotal slag</b>	<b>133</b>	—		<b>133</b>	—
4860 slag	133	—		133	—
<b>Total primary manufactured goods</b>	<b>33</b>	<b>33</b>		—	—
<b>Subtotal primary iron and steel products</b>	<b>33</b>	<b>33</b>		—	—
5320 i&s primary forms	33	33		—	—

Commodity	Total	Domestic				
		Lakewise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
<b>Total, all commodities</b>	<b>13,326</b>	<b>10,333</b>	<b>1,339</b>	<b>1,134</b>	<b>448</b>	<b>71</b>
<b>Total coal</b>	<b>612</b>	—	—	<b>612</b>	—	—
1200 coal coke	612	—	—	612	—	—
<b>Total petroleum and petroleum products</b>	<b>1,471</b>	<b>12</b>	<b>1,109</b>	<b>59</b>	<b>220</b>	<b>71</b>
<b>Subtotal petroleum products</b>	<b>1,471</b>	<b>12</b>	<b>1,109</b>	<b>59</b>	<b>220</b>	<b>71</b>
2211 gasoline	393	—	393	—	—	—
2330 distillate fuel oil	199	5	66	—	68	59
2340 residual fuel oil	77	4	16	27	17	12
2350 lube oil & greases	26	3	—	18	6	—
2430 asphalt, tar & pitch	647	—	605	—	42	—
2540 petroleum coke	123	—	28	7	87	—
2990 petro. products nec	6	—	—	6	—	—
<b>Total chemicals and related products</b>	<b>3</b>	—	—	—	<b>3</b>	—
<b>Subtotal fertilizers</b>	<b>3</b>	—	—	—	<b>3</b>	—
3120 phosphatic fert.	3	—	—	—	3	—
<b>Total crude materials, inedible except fuels</b>	<b>10,828</b>	<b>10,321</b>	<b>230</b>	<b>202</b>	<b>75</b>	—
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>1,140</b>	<b>963</b>	<b>3</b>	<b>174</b>	—	—
4322 limestone	988	961	—	27	—	—
4323 gypsum	147	—	—	147	—	—
4335 waterway improv. mat	5	3	3	—	—	—
<b>Subtotal iron ore and scrap</b>	<b>9,315</b>	<b>9,271</b>	—	<b>15</b>	<b>29</b>	—
4410 iron ore	9,294	9,271	—	6	17	—
4420 iron & steel scrap	21	—	—	9	12	—
<b>Subtotal non-ferrous ores and scrap</b>	<b>63</b>	—	<b>51</b>	<b>13</b>	—	—
4650 aluminum ore	62	—	51	11	—	—
4670 manganese ore	2	—	—	2	—	—
<b>Subtotal sulphur, clay and salt</b>	<b>45</b>	—	<b>45</b>	—	—	—
4782 clay & refrac. mat.	45	—	45	—	—	—
<b>Subtotal slag</b>	<b>264</b>	<b>86</b>	<b>132</b>	—	<b>46</b>	—
4860 slag	264	86	132	—	46	—
<b>Total primary manufactured goods</b>	<b>411</b>	—	—	<b>262</b>	<b>149</b>	—
<b>Subtotal lime, cement and glass</b>	<b>2</b>	—	—	—	<b>2</b>	—
5220 cement & concrete	2	—	—	—	2	—

INDIANA HARBOR, IN  
Freight Traffic, 2002 - continued  
(thousand short tons)

Commodity	Total	Domestic				
		Lakewise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
<b>Subtotal primary iron and steel products</b>	<b>407</b>	---	---	<b>262</b>	<b>146</b>	---
5312 pig iron	33	---	---	33	---	---
5320 i&s primary forms	232	---	---	229	3	---
5330 i&s plates & sheets	99	---	---	---	99	---
5390 primary i&s nec	44	---	---	---	44	---
<b>Subtotal primary non-ferrous metal products</b>	<b>2</b>	---	---	---	<b>2</b>	---
5480 fab. metal products	2	---	---	---	2	---
<b>Total all manufactured equipment, machinery and products</b>	<b>1</b>	<b>0</b>	---	---	<b>1</b>	---
7110 machinery (not elec)	1	0	---	---	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
1993	9,315	1996	9,848	1999	7,456	<b>2002</b>	<b>8,621</b>
1994	9,344	1997	10,414	2000	9,346		
1995	10,275	1998	9,006	2001	8,735		

Freight Traffic, 2002 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
<b>Total, all commodities</b>	<b>1,985</b>	<b>833</b>	<b>63</b>	<b>864</b>	<b>226</b>
<b>Total coal</b>	<b>29</b>	---	---	---	<b>29</b>
1200 coal coke	29	---	---	---	29
<b>Total petroleum and petroleum products</b>	<b>84</b>	---	<b>25</b>	---	<b>59</b>
<b>Subtotal petroleum products</b>	<b>84</b>	---	<b>25</b>	---	<b>59</b>
2540 petroleum coke	84	---	25	---	59
<b>Total chemicals and related products</b>	<b>32</b>	---	---	<b>32</b>	---
<b>Subtotal fertilizers</b>	<b>16</b>	---	---	<b>16</b>	---
3130 potassic fert.	16	---	---	16	---
<b>Subtotal other chemicals and related products</b>	<b>16</b>	---	---	<b>16</b>	---
3275 inorg. elem., oxides, & halogen salts	9	---	---	9	---
3299 chem. products nec	7	---	---	7	---
<b>Total crude materials, inedible except fuels</b>	<b>778</b>	<b>0</b>	---	<b>778</b>	---
<b>Subtotal forest products, wood and chips</b>	<b>0</b>	<b>0</b>	---	---	---
4170 wood in the rough	0	0	---	---	---
<b>Subtotal iron ore and scrap</b>	<b>754</b>	---	---	<b>754</b>	---
4410 iron ore	754	---	---	754	---
<b>Subtotal other non-metal. min.</b>	<b>24</b>	---	---	<b>24</b>	---
4900 non-metal. min. nec	24	---	---	24	---
<b>Total primary manufactured goods</b>	<b>881</b>	<b>827</b>	---	<b>54</b>	---
<b>Subtotal lime, cement and glass</b>	<b>0</b>	<b>0</b>	---	---	---
5290 misc. mineral prod.	0	0	---	---	---
<b>Subtotal primary iron and steel products</b>	<b>675</b>	<b>675</b>	---	---	---
5320 i&s primary forms	341	341	---	---	---
5330 i&s plates & sheets	265	265	---	---	---
5360 i&s bars & shapes	61	61	---	---	---
5370 i&s pipe & tube	8	8	---	---	---
5390 primary i&s nec	0	0	---	---	---
<b>Subtotal primary non-ferrous metal products</b>	<b>206</b>	<b>152</b>	---	<b>54</b>	---
5422 aluminum	0	0	---	---	---
5429 smelted prod. nec	1	1	---	---	---
5480 fab. metal products	205	151	---	54	---
<b>Total food and farm products</b>	<b>175</b>	---	<b>38</b>	---	<b>137</b>
<b>Subtotal grain</b>	<b>175</b>	---	<b>38</b>	---	<b>137</b>
6344 corn	175	---	38	---	137
<b>Total all manufactured equipment, machinery and products</b>	<b>4</b>	<b>4</b>	---	---	---
7110 machinery (not elec)	3	3	---	---	---
7120 electrical machinery	1	1	---	---	---
7210 vehicles & parts	1	1	---	---	---
7230 ships & boats	0	0	---	---	---
<b>Total unknown or not elsewhere classified</b>	<b>1</b>	<b>1</b>	---	---	---
9900 unknown or nec	1	1	---	---	---

BURNS WATERWAY HARBOR, IN  
 Freight Traffic, 2002 - continued  
 (thousand short tons)

Commodity	Total	Domestic			
		Lakewise		Internal	
		Receipts	Shipments	Receipts	Shipments
<b>Total, all commodities</b>	<b>6,636</b>	<b>5,862</b>	<b>58</b>	<b>255</b>	<b>460</b>
<b>Total coal</b>	<b>65</b>	<b>—</b>	<b>56</b>	<b>9</b>	<b>—</b>
1200 coal coke	65	—	56	9	—
<b>Total petroleum and petroleum products</b>	<b>38</b>	<b>23</b>	<b>—</b>	<b>15</b>	<b>—</b>
<b>Subtotal petroleum products</b>	<b>38</b>	<b>23</b>	<b>—</b>	<b>15</b>	<b>—</b>
2330 distillate fuel oil	2	2	—	—	—
2340 residual fuel oil	3	3	—	—	—
2430 asphalt, tar & pitch	6	—	—	6	—
2540 petroleum coke	26	17	—	9	—
<b>Total chemicals and related products</b>	<b>88</b>	<b>34</b>	<b>—</b>	<b>51</b>	<b>3</b>
<b>Subtotal fertilizers</b>	<b>53</b>	<b>—</b>	<b>—</b>	<b>51</b>	<b>2</b>
3110 nitrogenous fert.	50	—	—	50	—
3120 phosphatic fert.	2	—	—	—	2
3130 potassic fert.	1	—	—	1	—
<b>Subtotal other chemicals and related products</b>	<b>35</b>	<b>34</b>	<b>—</b>	<b>—</b>	<b>1</b>
3276 metallic salts	35	34	—	—	1
<b>Total crude materials, inedible except fuels</b>	<b>5,948</b>	<b>5,802</b>	<b>—</b>	<b>140</b>	<b>6</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>766</b>	<b>766</b>	<b>—</b>	<b>—</b>	<b>—</b>
4322 limestone	766	766	—	—	—
4335 waterway improv. mat	0	0	—	—	—
<b>Subtotal iron ore and scrap</b>	<b>5,063</b>	<b>5,018</b>	<b>—</b>	<b>40</b>	<b>5</b>
4410 iron ore	5,014	5,014	—	—	—
4420 iron & steel scrap	49	4	—	40	5
<b>Subtotal non-ferrous ores and scrap</b>	<b>2</b>	<b>—</b>	<b>—</b>	<b>2</b>	<b>—</b>
4650 aluminum ore	2	—	—	2	—
<b>Subtotal sulphur, clay and salt</b>	<b>14</b>	<b>—</b>	<b>—</b>	<b>14</b>	<b>—</b>
4782 clay & refrac. mat.	14	—	—	14	—
<b>Subtotal slag</b>	<b>83</b>	<b>17</b>	<b>—</b>	<b>64</b>	<b>2</b>
4860 slag	83	17	—	64	2
<b>Subtotal other non-metal. min.</b>	<b>20</b>	<b>—</b>	<b>—</b>	<b>20</b>	<b>—</b>
4900 non-metal. min. nec	20	—	—	20	—
<b>Total primary manufactured goods</b>	<b>316</b>	<b>4</b>	<b>2</b>	<b>40</b>	<b>270</b>
<b>Subtotal primary iron and steel products</b>	<b>313</b>	<b>4</b>	<b>2</b>	<b>37</b>	<b>270</b>
5312 pig iron	4	4	—	—	—
5315 ferro alloys	2	—	—	2	—
5320 i&s primary forms	17	—	—	17	—
5330 i&s plates & sheets	234	—	2	2	229
5360 i&s bars & shapes	3	—	—	—	3
5370 i&s pipe & tube	1	—	—	—	1
5390 primary i&s nec	53	—	—	16	37
<b>Subtotal primary non-ferrous metal products</b>	<b>3</b>	<b>—</b>	<b>—</b>	<b>3</b>	<b>—</b>
5422 aluminum	1	—	—	1	—
5480 fab. metal products	2	—	—	2	—
<b>Total food and farm products</b>	<b>180</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>180</b>
<b>Subtotal grain</b>	<b>141</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>141</b>
6241 wheat	54	—	—	—	54
6344 corn	87	—	—	—	87
<b>Subtotal oilseeds</b>	<b>39</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>39</b>
6522 soybeans	39	—	—	—	39
<b>Total all manufactured equipment, machinery and products</b>	<b>0</b>	<b>—</b>	<b>0</b>	<b>—</b>	<b>—</b>
7110 machinery (not elec)	0	—	0	—	—

Other Harbors and Waterways 2002

Harbor or Waterway Project	Commodity	Thousand Short Tons
CHICAGO HARBOR, IL (INCLUDED IN PORT OF CHICAGO)	4335 waterway improv. mat	22
	<b>Total Tons(x1000)</b>	<b>22</b>
	<b>Total Ton-miles(x1000)</b>	<b>3</b>
MICHIGAN CITY HARBOR, IN	No Commerce Reported	
Non-project		
BUFFINGTON HARBOR, IN	2330 distillate fuel oil	0
	2340 residual fuel oil	1
	4322 limestone	1,249
	<b>Total Tons(x1000)</b>	<b>1,251</b>
GARY HARBOR, IN	1200 coal coke	148
	2330 distillate fuel oil	2
	2340 residual fuel oil	4
	2540 petroleum coke	140
	4322 limestone	197
	4410 iron ore	8,584
	4420 iron & steel scrap	32
	4650 aluminum ore	12
	4782 clay & refrac. mat.	45
	4860 slag	105
	5220 cement & concrete	2
	5330 i&s plates & sheets	212
	<b>Total Tons(x1000)</b>	<b>9,482</b>



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
1993	10,711	1996	10,662	1999	11,872	<b>2002</b>	<b>14,895</b>
1994	9,288	1997	13,508	2000	13,060		
1995	8,265	1998	13,223	2001	11,875		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Canadian	Domestic
		Outbound	Lakewise Shipments
<b>Total, all commodities</b>	<b>14,895</b>	<b>91</b>	<b>14,804</b>
<b>Total crude materials, inedible except fuels</b>	<b>14,895</b>	<b>91</b>	<b>14,804</b>
<b>Subtotal iron ore and scrap</b>	<b>14,895</b>	<b>91</b>	<b>14,804</b>
4410 iron ore	14,895	91	14,804

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
1993	37,679	1996	41,398	1999	42,297	<b>2002</b>	<b>44,161</b>
1994	41,819	1997	41,929	2000	41,678		
1995	45,049	1998	42,443	2001	39,811		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Inbound*	Outbound	Inbound	Outbound	Total	Lakewise	
						Receipts	Shipments	
<b>Total, all commodities</b>	<b>44,161</b>	<b>111</b>	<b>2,334</b>	<b>513</b>	<b>11,503</b>	<b>29,700</b>	<b>2,777</b>	<b>26,923</b>
<b>Total coal</b>	<b>18,093</b>	---	---	---	<b>6,434</b>	<b>11,660</b>	<b>100</b>	<b>11,559</b>
1100 coal lignite	18,093	---	---	---	6,434	11,660	100	11,559
<b>Total chemicals and related products</b>	<b>51</b>	---	---	<b>27</b>	---	<b>24</b>	<b>24</b>	---
<b>Subtotal other chemicals and related products</b>	<b>51</b>	---	---	<b>27</b>	---	<b>24</b>	<b>24</b>	---
3276 metallic salts	51	---	---	27	---	24	24	---
<b>Total crude materials, inedible except fuels</b>	<b>21,847</b>	<b>19</b>	<b>103</b>	<b>270</b>	<b>4,010</b>	<b>17,446</b>	<b>2,425</b>	<b>15,021</b>
<b>Subtotal forest products, wood and chips</b>	<b>55</b>	<b>14</b>	---	<b>41</b>	---	---	---	---
4189 lumber	55	14	---	41	---	---	---	---
<b>Subtotal pulp and waste paper</b>	<b>4</b>	---	---	<b>4</b>	---	---	---	---
4225 pulp & waste paper	4	---	---	4	---	---	---	---
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>2,349</b>	---	---	---	---	<b>2,349</b>	<b>2,349</b>	---
4322 limestone	2,349	---	---	---	---	2,349	2,349	---
<b>Subtotal iron ore and scrap</b>	<b>18,909</b>	---	---	---	<b>3,888</b>	<b>15,021</b>	---	<b>15,021</b>
4410 iron ore	18,909	---	---	---	3,888	15,021	---	15,021
<b>Subtotal non-ferrous ores and scrap</b>	<b>113</b>	---	---	---	<b>113</b>	---	---	---
4690 non-ferrous ores nec	113	---	---	---	113	---	---	---
<b>Subtotal sulphur, clay and salt</b>	<b>142</b>	---	<b>103</b>	<b>30</b>	<b>9</b>	---	---	---
4782 clay & refrac. mat.	142	---	103	30	9	---	---	---
<b>Subtotal other non-metal. min.</b>	<b>276</b>	<b>4</b>	---	<b>196</b>	---	<b>76</b>	<b>76</b>	---
4900 non-metal. min. nec	276	4	---	196	---	76	76	---
<b>Total primary manufactured goods</b>	<b>470</b>	<b>66</b>	---	<b>162</b>	<b>14</b>	<b>228</b>	<b>228</b>	---
<b>Subtotal lime, cement and glass</b>	<b>404</b>	---	---	<b>162</b>	<b>14</b>	<b>228</b>	<b>228</b>	---
5220 cement & concrete	404	---	---	162	14	228	228	---
<b>Subtotal primary iron and steel products</b>	<b>28</b>	<b>28</b>	---	---	---	---	---	---
5330 i&s plates & sheets	28	28	---	---	---	---	---	---
<b>Subtotal primary non-ferrous metal products</b>	<b>0</b>	<b>0</b>	---	---	---	---	---	---
5480 fab. metal products	0	0	---	---	---	---	---	---
<b>Subtotal primary wood products</b>	<b>38</b>	<b>38</b>	---	---	---	---	---	---
5540 primary wood prod.	38	38	---	---	---	---	---	---

DULUTH-SUPERIOR HARBOR, MN AND WI  
Freight Traffic, 2002 - continued  
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Inbound*	Outbound	Inbound	Outbound	Total	Lakewise	
							Receipts	Shipments
<b>Total food and farm products</b>	<b>3,694</b>	<b>21</b>	<b>2,230</b>	<b>54</b>	<b>1,046</b>	<b>343</b>	<b>---</b>	<b>343</b>
<b>Subtotal grain</b>	<b>2,352</b>	<b>21</b>	<b>1,603</b>	<b>18</b>	<b>368</b>	<b>343</b>	<b>---</b>	<b>343</b>
6241 wheat	2,229	---	1,545	---	342	343	---	343
6344 corn	65	---	39	---	26	---	---	---
6443 barley & rye	37	---	19	18	---	---	---	---
6445 oats	21	21	---	---	---	---	---	---
<b>Subtotal oilseeds</b>	<b>1,171</b>	<b>---</b>	<b>492</b>	<b>---</b>	<b>678</b>	<b>---</b>	<b>---</b>	<b>---</b>
6522 soybeans	1,094	---	415	---	678	---	---	---
6534 flaxseed	77	---	77	---	---	---	---	---
<b>Subtotal processed grain and animal feed</b>	<b>140</b>	<b>---</b>	<b>104</b>	<b>36</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>
6747 grain mill products	49	---	13	36	---	---	---	---
6782 animal feed, prep.	91	---	91	---	---	---	---	---
<b>Subtotal other agricultural products</b>	<b>32</b>	<b>---</b>	<b>32</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>
6899 farm products nec	32	---	32	---	---	---	---	---
<b>Total all manufactured equipment, machinery and products</b>	<b>5</b>	<b>5</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>
7110 machinery (not elec)	5	5	---	---	---	---	---	---
7120 electrical machinery	0	0	---	---	---	---	---	---
<b>Total unknown or not elsewhere classified</b>	<b>0</b>	<b>0</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>
9900 unknown or nec	0	0	---	---	---	---	---	---

\*Includes 5,436 tons of foreign inbound in-transits.

TACONITE HARBOR, MN  
NON-CORPS PROJECT

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1993	9,716	1996	8,408	1999	8,366	<b>2002</b>	<b>645</b>
1994	9,510	1997	8,607	2000	8,505		
1995	9,247	1998	8,761	2001	2,243		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Canadian	Domestic
		Inbound	Lakewise Receipts
<b>Total, all commodities</b>	<b>645</b>	<b>24</b>	<b>622</b>
<b>Total coal</b>	<b>645</b>	<b>24</b>	<b>622</b>
1100 coal lignite	645	24	622

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
1993	9,672	1996	8,959	1999	9,531	<b>2002</b>	<b>10,592</b>
1994	10,191	1997	11,201	2000	10,742		
1995	10,099	1998	10,483	2001	9,475		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Canadian		Domestic		
		Inbound	Outbound	Total	Lakewise	
					Receipts	Shipments
<b>Total, all commodities</b>	<b>10,592</b>	<b>103</b>	<b>1,855</b>	<b>8,635</b>	<b>2,057</b>	<b>6,578</b>
<b>Total coal</b>	<b>2,057</b>	<b>---</b>	<b>---</b>	<b>2,057</b>	<b>2,057</b>	<b>---</b>
1100 coal lignite	2,057	---	---	2,057	2,057	---
<b>Total crude materials, inedible except fuels</b>	<b>8,535</b>	<b>103</b>	<b>1,855</b>	<b>6,578</b>	<b>---</b>	<b>6,578</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>77</b>	<b>77</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>
4322 limestone	77	77	---	---	---	---

PRESQUE ISLE HARBOR, MI  
Freight Traffic, 2002 - continued  
(thousand short tons)

Commodity	Grand Total	Canadian		Domestic		
		Inbound	Outbound	Total	Lakewise	
					Receipts	Shipments
<b>Subtotal iron ore and scrap</b>	<b>8,432</b>	---	<b>1,855</b>	<b>6,578</b>	---	<b>6,578</b>
4410 iron ore	8,432	---	1,855	6,578	---	6,578
<b>Subtotal sulphur, clay and salt</b>	<b>26</b>	<b>26</b>	---	---	---	---
4782 clay & refrac. mat.	26	26	---	---	---	---

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
1993	789	1996	1,598	1999	818	<b>2002</b>	<b>923</b>
1994	822	1997	689	2000	912		
1995	836	1998	869	2001	976		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Canadian	Domestic
		Inbound	Lakewise Receipts
<b>Total, all commodities</b>	<b>923</b>	<b>76</b>	<b>847</b>
<b>Total coal</b>	<b>196</b>	<b>25</b>	<b>170</b>
1100 coal lignite	170	---	170
1200 coal coke	25	25	---
<b>Total crude materials, inedible except fuels</b>	<b>727</b>	<b>51</b>	<b>677</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>677</b>	---	<b>677</b>
4322 limestone	677	---	677
<b>Subtotal sulphur, clay and salt</b>	<b>51</b>	<b>51</b>	---
4782 clay & refrac. mat.	51	51	---

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
1993	2,205	1996	1,682	1999	1,732	<b>2002</b>	<b>1,221</b>
1994	1,474	1997	1,560	2000	1,358		
1995	1,606	1998	1,582	2001	1,198		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Canadian		Domestic
		Inbound	Outbound	Lakewise Shipments
<b>Total, all commodities</b>	<b>1,221</b>	<b>11</b>	<b>226</b>	<b>984</b>
<b>Total crude materials, inedible except fuels</b>	<b>1,221</b>	<b>11</b>	<b>226</b>	<b>984</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>1,210</b>	---	<b>226</b>	<b>984</b>
4322 limestone	1,210	---	226	984
<b>Subtotal sulphur, clay and salt</b>	<b>11</b>	<b>11</b>	---	---
4782 clay & refrac. mat.	11	11	---	---

ST. MARYS RIVER, MI

Section Included: Entire length of St. Marys River from Lake Superior to Lake Huron, including American ports of Sault Ste. Marie, Raber, Lime Island, Drummond Island, and Detour, Michigan.

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 . . . . .	29.0
Pipe Island Course	29.0 . . . . .	29.0
Watson Reef Course	30.0 . . . . .	30.0
Crab Island	30.0 . . . . .	30.0

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1993	69,623	1996	78,939	1999	81,315	<b>2002</b>	<b>80,330</b>
1994	75,939	1997	83,822	2000	84,925		
1995	78,639	1998	82,235	2001	74,916		

Freight Traffic, 2002 (thousand short tons)

Commodity	Total	Foreign		Canadian			
		Through		Inbound	Outbound	Through	
		Upbound*	Downbnd			Upbound	Downbnd
<b>Total, all commodities</b>	<b>24,924</b>	<b>111</b>	<b>2,334</b>	<b>67</b>	<b>266</b>	<b>3,010</b>	<b>19,136</b>
<b>Total coal</b>	<b>8,258</b>	—	—	—	—	<b>1,315</b>	<b>6,942</b>
1100 coal lignite	8,200	—	—	—	—	1,258	6,942
1200 coal coke	58	—	—	—	—	58	—
<b>Total petroleum and petroleum products</b>	<b>96</b>	—	—	—	—	<b>48</b>	<b>48</b>
<b>Subtotal petroleum products</b>	<b>96</b>	—	—	—	—	<b>48</b>	<b>48</b>
2430 asphalt, tar & pitch	23	—	—	—	—	—	23
2540 petroleum coke	73	—	—	—	—	48	25
<b>Total chemicals and related products</b>	<b>343</b>	—	—	—	—	<b>48</b>	<b>295</b>
<b>Subtotal fertilizers</b>	<b>269</b>	—	—	—	—	—	<b>269</b>
3110 nitrogenous fert.	9	—	—	—	—	—	9
3130 potassic fert.	260	—	—	—	—	—	260
<b>Subtotal other chemicals and related products</b>	<b>74</b>	—	—	—	—	<b>48</b>	<b>26</b>
3274 sodium hydroxide	13	—	—	—	—	13	—
3275 inorg. elem., oxides, & halogen salts	34	—	—	—	—	8	26
3276 metallic salts	27	—	—	—	—	27	—
<b>Total crude materials, inedible except fuels</b>	<b>10,920</b>	<b>19</b>	<b>103</b>	<b>63</b>	<b>266</b>	<b>1,278</b>	<b>9,190</b>
<b>Subtotal forest products, wood and chips</b>	<b>87</b>	<b>14</b>	—	—	—	—	<b>73</b>
4189 lumber	87	14	—	—	—	—	73
<b>Subtotal pulp and waste paper</b>	<b>4</b>	—	—	—	—	<b>4</b>	—
4225 pulp & waste paper	4	—	—	—	—	4	—
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>1,865</b>	—	—	—	<b>266</b>	<b>762</b>	<b>837</b>
4322 limestone	1,034	—	—	—	226	733	74
4331 sand & gravel	831	—	—	—	40	29	763
<b>Subtotal iron ore and scrap</b>	<b>6,147</b>	—	—	—	—	<b>70</b>	<b>6,078</b>
4410 iron ore	6,034	—	—	—	—	—	6,034
4420 iron & steel scrap	113	—	—	—	—	70	44
<b>Subtotal non-ferrous ores and scrap</b>	<b>113</b>	—	—	—	—	—	<b>113</b>
4690 non-ferrous ores nec	113	—	—	—	—	—	113
<b>Subtotal sulphur, clay and salt</b>	<b>2,103</b>	—	<b>103</b>	<b>11</b>	—	<b>173</b>	<b>1,816</b>
4782 clay & refrac. mat.	2,103	—	103	11	—	173	1,816
<b>Subtotal slag</b>	<b>274</b>	—	—	—	—	—	<b>274</b>
4860 slag	274	—	—	—	—	—	274
<b>Subtotal other non-metal. min.</b>	<b>327</b>	<b>4</b>	—	<b>52</b>	—	<b>270</b>	—
4900 non-metal. min. nec	327	4	—	52	—	270	—
<b>Total primary manufactured goods</b>	<b>1,961</b>	<b>66</b>	—	<b>4</b>	—	<b>319</b>	<b>1,571</b>
<b>Subtotal lime, cement and glass</b>	<b>1,726</b>	—	—	—	—	<b>302</b>	<b>1,424</b>
5220 cement & concrete	1,695	—	—	—	—	302	1,394
5290 misc. mineral prod.	30	—	—	—	—	—	30

ST. MARYS RIVER, MI  
Freight Traffic, 2002 - continued  
(thousand short tons)

Commodity	Total	Foreign		Canadian			
		Through		Inbound	Outbound	Through	
		Upbound*	Downbnd			Upbound	Downbnd
<b>Subtotal primary iron and steel products</b>	<b>164</b>	<b>28</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>8</b>	<b>128</b>
5312 pig iron	7	---	---	---	---	---	7
5320 i&s primary forms	15	---	---	---	---	8	7
5330 i&s plates & sheets	125	28	---	---	---	---	97
5390 primary i&s nec	16	---	---	---	---	---	16
<b>Subtotal primary non-ferrous metal products</b>	<b>29</b>	<b>0</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>10</b>	<b>19</b>
5429 smelted prod. nec	10	---	---	---	---	10	---
5480 fab. metal products	19	0	---	---	---	---	19
<b>Subtotal primary wood products</b>	<b>42</b>	<b>38</b>	<b>---</b>	<b>4</b>	<b>---</b>	<b>---</b>	<b>---</b>
5540 primary wood prod.	42	38	---	4	---	---	---
<b>Total food and farm products</b>	<b>3,341</b>	<b>21</b>	<b>2,230</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>1,090</b>
<b>Subtotal grain</b>	<b>2,017</b>	<b>21</b>	<b>1,603</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>393</b>
6241 wheat	1,909	---	1,545	---	---	---	365
6344 corn	65	---	39	---	---	---	26
6443 barley & rye	19	---	19	---	---	---	---
6445 oats	24	21	---	---	---	---	3
<b>Subtotal oilseeds</b>	<b>1,171</b>	<b>---</b>	<b>492</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>678</b>
6522 soybeans	1,094	---	415	---	---	---	678
6534 flaxseed	77	---	77	---	---	---	---
<b>Subtotal processed grain and animal feed</b>	<b>121</b>	<b>---</b>	<b>104</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>18</b>
6747 grain mill products	31	---	13	---	---	---	18
6782 animal feed, prep.	91	---	91	---	---	---	---
<b>Subtotal other agricultural products</b>	<b>32</b>	<b>---</b>	<b>32</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>
6899 farm products nec	32	---	32	---	---	---	---
<b>Total all manufactured equipment, machinery and products</b>	<b>5</b>	<b>5</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>0</b>
7110 machinery (not elec)	5	5	---	---	---	---	0
7120 electrical machinery	0	0	---	---	---	---	---
<b>Total unknown or not elsewhere classified</b>	<b>0</b>	<b>0</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>
9900 unknown or nec	0	0	---	---	---	---	---
<b>Ton-miles (x1000)</b>	<b>1,339,847</b>	<b>7,101</b>	<b>149,344</b>	<b>2,889</b>	<b>5,461</b>	<b>131,565</b>	<b>1,043,488</b>

Foreign & Canadian

Commodity	Total	Lakewise		
		Shipments	Through	
			Upbound	Downbnd
<b>Total, all commodities</b>	<b>55,406</b>	<b>984</b>	<b>4,305</b>	<b>50,117</b>
<b>Total coal</b>	<b>10,282</b>	<b>---</b>	<b>1,183</b>	<b>9,099</b>
1100 coal lignite	10,282	---	1,183	9,099
<b>Total chemicals and related products</b>	<b>24</b>	<b>---</b>	<b>24</b>	<b>---</b>
<b>Subtotal other chemicals and related products</b>	<b>24</b>	<b>---</b>	<b>24</b>	<b>---</b>
3276 metallic salts	24	---	24	---
<b>Total crude materials, inedible except fuels</b>	<b>44,530</b>	<b>984</b>	<b>2,871</b>	<b>40,675</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>3,778</b>	<b>984</b>	<b>2,795</b>	<b>---</b>
4322 limestone	3,778	984	2,795	---
4331 sand & gravel	0	---	0	---
<b>Subtotal iron ore and scrap</b>	<b>40,675</b>	<b>---</b>	<b>---</b>	<b>40,675</b>
4410 iron ore	40,675	---	---	40,675
<b>Subtotal other non-metal. min.</b>	<b>76</b>	<b>---</b>	<b>76</b>	<b>---</b>
4900 non-metal. min. nec	76	---	76	---
<b>Total primary manufactured goods</b>	<b>228</b>	<b>---</b>	<b>228</b>	<b>---</b>
<b>Subtotal lime, cement and glass</b>	<b>228</b>	<b>---</b>	<b>228</b>	<b>---</b>
5220 cement & concrete	228	---	228	---
<b>Total food and farm products</b>	<b>343</b>	<b>---</b>	<b>---</b>	<b>343</b>
<b>Subtotal grain</b>	<b>343</b>	<b>---</b>	<b>---</b>	<b>343</b>
6241 wheat	343	---	---	343
<b>Ton-miles (x1000)</b>	<b>3,515,923</b>	<b>32,905</b>	<b>275,525</b>	<b>3,207,494</b>
<b>Lakewise</b>				
<b>Tons All Traffic (x1000)</b>	<b>80,330</b>			
<b>Ton-miles All Traffic (x1000)</b>	<b>4,855,771</b>			

\*Includes 5,436 tons of foreign upbound through in-transits.

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
1993	65,351	1996	75,353	1999	76,675	<b>2002</b>	<b>73,968</b>
1994	72,657	1997	79,850	2000	77,956		
1995	75,113	1998	78,296	2001	68,179		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Through		Through		Total	Lakewise	
		Upbound*	Downbnd	Upbound	Downbnd		Through	
						Upbound	Downbnd	
<b>Total, all commodities</b>	<b>73,968</b>	<b>111</b>	<b>2,334</b>	<b>917</b>	<b>15,873</b>	<b>54,734</b>	<b>4,617</b>	<b>50,117</b>
<b>Total coal</b>	<b>17,418</b>	---	---	<b>194</b>	<b>6,942</b>	<b>10,282</b>	<b>1,183</b>	<b>9,099</b>
1100 coal lignite	17,361	---	---	137	6,942	10,282	1,183	9,099
1200 coal coke	58	---	---	58	---	---	---	---
<b>Total petroleum and petroleum products</b>	<b>73</b>	---	---	<b>48</b>	<b>25</b>	---	---	---
<b>Subtotal petroleum products</b>	<b>73</b>	---	---	<b>48</b>	<b>25</b>	---	---	---
2540 petroleum coke	73	---	---	48	25	---	---	---
<b>Total chemicals and related products</b>	<b>341</b>	---	---	<b>48</b>	<b>269</b>	<b>24</b>	<b>24</b>	---
<b>Subtotal fertilizers</b>	<b>269</b>	---	---	---	<b>269</b>	---	---	---
3110 nitrogenous fert.	9	---	---	---	9	---	---	---
3130 potassic fert.	260	---	---	---	260	---	---	---
<b>Subtotal other chemicals and related products</b>	<b>72</b>	---	---	<b>48</b>	---	<b>24</b>	<b>24</b>	---
3274 sodium hydroxide	13	---	---	13	---	---	---	---
3275 inorg. elem., oxides, & halogen salts	8	---	---	8	---	---	---	---
3276 metallic salts	51	---	---	27	---	24	24	---
<b>Total crude materials, inedible except fuels</b>	<b>50,540</b>	<b>19</b>	<b>103</b>	<b>433</b>	<b>6,126</b>	<b>43,858</b>	<b>3,183</b>	<b>40,675</b>
<b>Subtotal forest products, wood and chips</b>	<b>87</b>	<b>14</b>	---	---	<b>73</b>	---	---	---
4189 lumber	87	14	---	---	73	---	---	---
<b>Subtotal pulp and waste paper</b>	<b>4</b>	---	---	<b>4</b>	---	---	---	---
4225 pulp & waste paper	4	---	---	4	---	---	---	---
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>3,192</b>	---	---	<b>81</b>	<b>4</b>	<b>3,107</b>	<b>3,107</b>	---
4322 limestone	3,188	---	---	81	---	3,107	3,107	---
4331 sand & gravel	4	---	---	---	4	0	0	---
<b>Subtotal iron ore and scrap</b>	<b>46,604</b>	---	---	---	<b>5,929</b>	<b>40,675</b>	---	<b>40,675</b>
4410 iron ore	46,604	---	---	---	5,929	40,675	---	40,675
<b>Subtotal non-ferrous ores and scrap</b>	<b>113</b>	---	---	---	<b>113</b>	---	---	---
4690 non-ferrous ores nec	113	---	---	---	113	---	---	---
<b>Subtotal sulphur, clay and salt</b>	<b>218</b>	---	<b>103</b>	<b>106</b>	<b>9</b>	---	---	---
4782 clay & refrac. mat.	218	---	103	106	9	---	---	---
<b>Subtotal other non-metal. min.</b>	<b>323</b>	<b>4</b>	---	<b>242</b>	---	<b>76</b>	<b>76</b>	---
4900 non-metal. min. nec	323	4	---	242	---	76	76	---
<b>Total primary manufactured goods</b>	<b>1,907</b>	<b>66</b>	---	<b>193</b>	<b>1,420</b>	<b>228</b>	<b>228</b>	---
<b>Subtotal lime, cement and glass</b>	<b>1,814</b>	---	---	<b>193</b>	<b>1,394</b>	<b>228</b>	<b>228</b>	---
5220 cement & concrete	1,814	---	---	193	1,394	228	228	---
<b>Subtotal primary iron and steel products</b>	<b>35</b>	<b>28</b>	---	---	<b>7</b>	---	---	---
5312 pig iron	7	---	---	---	7	---	---	---
5330 i&s plates & sheets	28	28	---	---	---	---	---	---
<b>Subtotal primary non-ferrous metal products</b>	<b>19</b>	<b>0</b>	---	---	<b>19</b>	---	---	---
5480 fab. metal products	19	0	---	---	19	---	---	---
<b>Subtotal primary wood products</b>	<b>38</b>	<b>38</b>	---	---	---	---	---	---
5540 primary wood prod.	38	38	---	---	---	---	---	---
<b>Total food and farm products</b>	<b>3,684</b>	<b>21</b>	<b>2,230</b>	---	<b>1,090</b>	<b>343</b>	---	<b>343</b>
<b>Subtotal grain</b>	<b>2,360</b>	<b>21</b>	<b>1,603</b>	---	<b>393</b>	<b>343</b>	---	<b>343</b>
6241 wheat	2,252	---	1,545	---	365	343	---	343
6344 corn	65	---	39	---	26	---	---	---
6443 barley & rye	19	---	19	---	---	---	---	---
6445 oats	24	21	---	---	3	---	---	---
<b>Subtotal oilseeds</b>	<b>1,171</b>	---	<b>492</b>	---	<b>678</b>	---	---	---
6522 soybeans	1,094	---	415	---	678	---	---	---
6534 flaxseed	77	---	77	---	---	---	---	---
<b>Subtotal processed grain and animal feed</b>	<b>121</b>	---	<b>104</b>	---	<b>18</b>	---	---	---
6747 grain mill products	31	---	13	---	18	---	---	---
6782 animal feed, prep.	91	---	91	---	---	---	---	---
<b>Subtotal other agricultural products</b>	<b>32</b>	---	<b>32</b>	---	---	---	---	---
6899 farm products nec	32	---	32	---	---	---	---	---

ST. MARYS FALLS CANAL, MI AND SAULT STE. MARIE, ONTARIO SHIP CANAL, CN  
(INCLUDED IN ST. MARYS RIVER)  
Freight Traffic, 2002 - continued  
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Through		Through		Total	Lakewise	
		Upbound*	Downbnd	Upbound	Downbnd		Through	
						Upbound	Downbnd	
<b>Total all manufactured equipment, machinery and products</b>	<b>5</b>	<b>5</b>	<b>---</b>	<b>---</b>	<b>0</b>	<b>---</b>	<b>---</b>	<b>---</b>
7110 machinery (not elec)	5	5	---	---	0	---	---	---
7120 electrical machinery	0	0	---	---	---	---	---	---
<b>Total unknown or not elsewhere classified</b>	<b>0</b>	<b>0</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>
9900 unknown or nec	0	0	---	---	---	---	---	---
<b>Ton-miles (x1000)</b>	<b>4,301,551</b>	<b>6,990</b>	<b>147,011</b>	<b>14,435</b>	<b>877,926</b>	<b>3,255,189</b>	<b>97,812</b>	<b>3,157,377</b>

**Tons All Traffic (x1000)** **73,968**  
**Ton-miles All Traffic (x1000)** **4,301,551**

\*Includes 5,436 tons of foreign upbound through in-transits.

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
1993	8,892	1996	8,152	1999	10,586	<b>2002</b>	<b>11,799</b>
1994	9,763	1997	8,677	2000	12,497		
1995	8,792	1998	10,489	2001	13,010		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Canadian		Domestic			Internal	
		Through		Total	Lakewise		Through	
		Upbound	Downbnd		Upbound	Downbnd	Upbound	Downbnd
<b>Total, all commodities</b>	<b>11,799</b>	<b>450</b>	<b>229</b>	<b>11,119</b>	<b>3,595</b>	<b>7,511</b>	<b>1</b>	<b>12</b>
<b>Total coal</b>	<b>3,622</b>	<b>---</b>	<b>---</b>	<b>3,622</b>	<b>1,229</b>	<b>2,392</b>	<b>---</b>	<b>---</b>
1100 coal lignite	3,405	---	---	3,405	1,013	2,392	---	---
1200 coal coke	216	---	---	216	216	---	---	---
<b>Total petroleum and petroleum products</b>	<b>675</b>	<b>---</b>	<b>---</b>	<b>675</b>	<b>594</b>	<b>68</b>	<b>---</b>	<b>12</b>
<b>Subtotal petroleum products</b>	<b>675</b>	<b>---</b>	<b>---</b>	<b>675</b>	<b>594</b>	<b>68</b>	<b>---</b>	<b>12</b>
2211 gasoline	225	---	---	225	223	2	---	---
2330 distillate fuel oil	54	---	---	54	45	5	---	5
2340 residual fuel oil	9	---	---	9	4	4	---	---
2430 asphalt, tar & pitch	279	---	---	279	247	32	---	---
2540 petroleum coke	106	---	---	106	75	23	---	8
2990 petro. products nec	2	---	---	2	---	2	---	---
<b>Total chemicals and related products</b>	<b>95</b>	<b>---</b>	<b>---</b>	<b>95</b>	<b>95</b>	<b>---</b>	<b>---</b>	<b>---</b>
<b>Subtotal other chemicals and related products</b>	<b>95</b>	<b>---</b>	<b>---</b>	<b>95</b>	<b>95</b>	<b>---</b>	<b>---</b>	<b>---</b>
3276 metallic salts	95	---	---	95	95	---	---	---
<b>Total crude materials, inedible except fuels</b>	<b>5,167</b>	<b>313</b>	<b>229</b>	<b>4,624</b>	<b>1,263</b>	<b>3,362</b>	<b>---</b>	<b>---</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>4,700</b>	<b>313</b>	<b>13</b>	<b>4,374</b>	<b>1,234</b>	<b>3,140</b>	<b>---</b>	<b>---</b>
4322 limestone	4,095	---	---	4,095	1,234	2,861	---	---
4323 gypsum	280	---	---	280	---	280	---	---
4331 sand & gravel	326	313	13	---	---	---	---	---
<b>Subtotal iron ore and scrap</b>	<b>118</b>	<b>---</b>	<b>30</b>	<b>88</b>	<b>29</b>	<b>59</b>	<b>---</b>	<b>---</b>
4410 iron ore	118	---	30	88	29	59	---	---
<b>Subtotal sulphur, clay and salt</b>	<b>8</b>	<b>---</b>	<b>8</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>
4782 clay & refrac. mat.	8	---	8	---	---	---	---	---
<b>Subtotal slag</b>	<b>314</b>	<b>---</b>	<b>179</b>	<b>136</b>	<b>---</b>	<b>136</b>	<b>---</b>	<b>---</b>
4860 slag	314	---	179	136	---	136	---	---
<b>Subtotal other non-metal. min.</b>	<b>27</b>	<b>---</b>	<b>---</b>	<b>27</b>	<b>---</b>	<b>27</b>	<b>---</b>	<b>---</b>
4900 non-metal. min. nec	27	---	---	27	---	27	---	---
<b>Total primary manufactured goods</b>	<b>2,212</b>	<b>109</b>	<b>---</b>	<b>2,103</b>	<b>414</b>	<b>1,689</b>	<b>---</b>	<b>---</b>
<b>Subtotal lime, cement and glass</b>	<b>2,212</b>	<b>109</b>	<b>---</b>	<b>2,103</b>	<b>414</b>	<b>1,689</b>	<b>---</b>	<b>---</b>
5220 cement & concrete	2,212	109	---	2,103	414	1,689	---	---
<b>Total food and farm products</b>	<b>28</b>	<b>28</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>
<b>Subtotal grain</b>	<b>28</b>	<b>28</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>
6344 corn	28	28	---	---	---	---	---	---

GRAYS REEF PASSAGE, MI  
Freight Traffic, 2002 - continued  
(thousand short tons)

Commodity	Grand Total	Canadian		Domestic				
		Through		Total	Lakewise		Internal	
		Upbound	Downbnd		Through		Through	
				Upbound	Downbnd	Upbound	Downbnd	
<b>Total all manufactured equipment, machinery and products</b>	<b>1</b>	---	---	<b>1</b>	---	---	<b>1</b>	---
7110 machinery (not elec)	1	---	---	1	---	---	1	---
<b>Ton-miles (x1000)</b>	<b>1,375,007</b>	<b>15,656</b>	<b>52,531</b>	<b>1,306,819</b>	<b>520,189</b>	<b>783,311</b>	<b>129</b>	<b>3,191</b>

**Tons All Traffic (x1000)** 11,799  
**Ton-miles All Traffic (x1000)** 1,375,007  
**Total Trip-ton-miles Internal and Intraport (x1000)** 10,100

CHARLEVOIX HARBOR, MI

Section Included: Entrance channel and entire area of Round Lake and Lake Charlevoix, including Advance, Boyne City and East Jordan. Controlling Depth: 18 feet. Project Depth: 23 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1993	1,467	1996	1,666	1999	1,489	<b>2002</b>	<b>1,343</b>
1994	1,549	1997	1,529	2000	1,748		
1995	1,584	1998	1,281	2001	1,533		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Canadian		Domestic		
		Inbound	Outbound	Total	Lakewise	
					Receipts	Shipments
<b>Total, all commodities</b>	<b>1,343</b>	<b>15</b>	<b>109</b>	<b>1,219</b>	<b>228</b>	<b>992</b>
<b>Total coal</b>	<b>147</b>	---	---	<b>147</b>	<b>147</b>	---
1100 coal lignite	147	---	---	147	147	---
<b>Total crude materials, inedible except fuels</b>	<b>80</b>	<b>15</b>	---	<b>65</b>	<b>65</b>	---
<b>Subtotal non-ferrous ores and scrap</b>	<b>51</b>	---	---	<b>51</b>	<b>51</b>	---
4650 aluminum ore	51	---	---	51	51	---
<b>Subtotal slag</b>	<b>29</b>	<b>15</b>	---	<b>15</b>	<b>15</b>	---
4860 slag	29	15	---	15	15	---
<b>Total primary manufactured goods</b>	<b>1,098</b>	---	<b>109</b>	<b>989</b>	<b>8</b>	<b>981</b>
<b>Subtotal lime, cement and glass</b>	<b>1,098</b>	---	<b>109</b>	<b>989</b>	<b>8</b>	<b>981</b>
5220 cement & concrete	1,098	---	109	989	8	981
<b>Total unknown or not elsewhere classified</b>	<b>18</b>	---	---	<b>18</b>	<b>8</b>	<b>11</b>
9900 unknown or nec	18	---	---	18	8	11

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
1993	425	1996	460	1999	421	<b>2002</b>	<b>1,457</b>
1994	483	1997	477	2000	370		
1995	432	1998	435	2001	1,227		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Canadian		Domestic		
		Inbound	Outbound	Total	Lakewise	
					Receipts	Shipments
<b>Total, all commodities</b>	<b>1,457</b>	<b>154</b>	<b>874</b>	<b>429</b>	<b>421</b>	<b>8</b>
<b>Total coal</b>	<b>330</b>	---	---	<b>330</b>	<b>330</b>	---
1100 coal lignite	315	---	---	315	315	---
1200 coal coke	15	---	---	15	15	---
<b>Total chemicals and related products</b>	<b>735</b>	---	<b>727</b>	<b>8</b>	---	<b>8</b>
<b>Subtotal other chemicals and related products</b>	<b>735</b>	---	<b>727</b>	<b>8</b>	---	<b>8</b>
3275 inorg. elem., oxides, & halogen salts	183	---	183	---	---	---
3276 metallic salts	552	---	544	8	---	8



MANISTEE HARBOR, MI  
Freight Traffic, 2002 - continued  
(thousand short tons)

Commodity	Grand Total	Canadian		Domestic		
		Inbound	Outbound	Total	Lakewise	
					Receipts	Shipments
<b>Total crude materials, inedible except fuels</b>	<b>393</b>	<b>154</b>	<b>147</b>	<b>91</b>	<b>91</b>	<b>---</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>96</b>	<b>5</b>	<b>---</b>	<b>91</b>	<b>91</b>	<b>---</b>
4322 limestone	91	---	---	91	91	---
4331 sand & gravel	5	5	---	---	---	---
<b>Subtotal sulphur, clay and salt</b>	<b>33</b>	<b>33</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>
4782 clay & refrac. mat.	33	33	---	---	---	---
<b>Subtotal slag</b>	<b>33</b>	<b>33</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>
4860 slag	33	33	---	---	---	---
<b>Subtotal other non-metal. min.</b>	<b>230</b>	<b>83</b>	<b>147</b>	<b>---</b>	<b>---</b>	<b>---</b>
4900 non-metal. min. nec	230	83	147	---	---	---

LUDINGTON HARBOR, MI

Section Included: Entrance channel and entire area of Pere Marquette Lake. Controlling Depths: 26 feet in the outer entrance bar and 27 feet in the channel to Pere Marquette Lake. Project Depths: Outer entrance channel, 30 feet; inner entrance channel, 29.5 feet; channel to Pere Marquette Lake, 29 feet; north and south mooring basins, 18 feet. Navigation season: April 2 to December 31.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1993	966	1996	1,237	1999	493	<b>2002</b>	<b>492</b>
1994	1,093	1997	864	2000	512		
1995	1,150	1998	1,075	2001	631		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic			
		Inbound	Outbound	Inbound	Outbound	Total	Lakewise		Internal Shipments
							Receipts	Shipments	
<b>Total, all commodities</b>	<b>492</b>	<b>26</b>	<b>15</b>	<b>148</b>	<b>57</b>	<b>246</b>	<b>33</b>	<b>145</b>	<b>67</b>
<b>Total chemicals and related products</b>	<b>278</b>	<b>---</b>	<b>8</b>	<b>---</b>	<b>57</b>	<b>213</b>	<b>---</b>	<b>145</b>	<b>67</b>
<b>Subtotal other chemicals and related products</b>	<b>278</b>	<b>---</b>	<b>8</b>	<b>---</b>	<b>57</b>	<b>213</b>	<b>---</b>	<b>145</b>	<b>67</b>
3276 metallic salts	278	---	8	---	57	213	---	145	67
<b>Total crude materials, inedible except fuels</b>	<b>214</b>	<b>26</b>	<b>6</b>	<b>148</b>	<b>---</b>	<b>33</b>	<b>33</b>	<b>---</b>	<b>---</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>121</b>	<b>---</b>	<b>---</b>	<b>88</b>	<b>---</b>	<b>33</b>	<b>33</b>	<b>---</b>	<b>---</b>
4322 limestone	49	---	---	16	---	33	33	---	---
4331 sand & gravel	72	---	---	72	---	---	---	---	---
<b>Subtotal iron ore and scrap</b>	<b>3</b>	<b>3</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>
4410 iron ore	3	3	---	---	---	---	---	---	---
<b>Subtotal sulphur, clay and salt</b>	<b>37</b>	<b>23</b>	<b>6</b>	<b>8</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>
4782 clay & refrac. mat.	37	23	6	8	---	---	---	---	---
<b>Subtotal slag</b>	<b>52</b>	<b>---</b>	<b>---</b>	<b>52</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>
4860 slag	52	---	---	52	---	---	---	---	---

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
1993	1,635	1996	2,172	1999	1,925	<b>2002</b>	<b>2,187</b>
1994	2,004	1997	2,061	2000	2,435		
1995	1,825	1998	1,936	2001	2,324		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Canadian	Domestic
		Inbound	Lakewise Receipts
<b>Total, all commodities</b>	<b>2,187</b>	<b>264</b>	<b>1,923</b>
<b>Total coal</b>	<b>1,292</b>	<b>---</b>	<b>1,292</b>
1100 coal lignite	1,292	---	1,292

MUSKEGON HARBOR, MI  
Freight Traffic, 2002 - continued  
(thousand short tons)

Commodity	Grand Total	Canadian	Domestic
		Inbound	Lakewise Receipts
<b>Total crude materials, inedible except fuels</b>	<b>745</b>	<b>264</b>	<b>481</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>460</b>	<b>27</b>	<b>432</b>
4322 limestone	441	9	432
4331 sand & gravel	18	18	—
<b>Subtotal sulphur, clay and salt</b>	<b>50</b>	<b>50</b>	<b>—</b>
4782 clay & refrac. mat.	50	50	—
<b>Subtotal slag</b>	<b>109</b>	<b>60</b>	<b>49</b>
4860 slag	109	60	49
<b>Subtotal other non-metal. min.</b>	<b>126</b>	<b>126</b>	<b>—</b>
4900 non-metal. min. nec	126	126	—
<b>Total primary manufactured goods</b>	<b>150</b>	<b>—</b>	<b>150</b>
<b>Subtotal lime, cement and glass</b>	<b>150</b>	<b>—</b>	<b>150</b>
5220 cement & concrete	150	—	150

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
1993	1,004	1996	971	1999	1,110	<b>2002</b>	<b>883</b>
1994	878	1997	988	2000	1,555		
1995	961	1998	1,014	2001	1,794		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Canadian		Domestic		
		Inbound	Outbound	Total	Lakewise	
				Receipts	Shipments	
<b>Total, all commodities</b>	<b>883</b>	<b>261</b>	<b>61</b>	<b>561</b>	<b>548</b>	<b>13</b>
<b>Total coal</b>	<b>143</b>	<b>—</b>	<b>—</b>	<b>143</b>	<b>143</b>	<b>—</b>
1100 coal lignite	143	—	—	143	143	—
<b>Total crude materials, inedible except fuels</b>	<b>639</b>	<b>261</b>	<b>51</b>	<b>327</b>	<b>327</b>	<b>—</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>313</b>	<b>69</b>	<b>—</b>	<b>244</b>	<b>244</b>	<b>—</b>
4322 limestone	244	—	—	244	244	—
4331 sand & gravel	69	69	—	—	—	—
<b>Subtotal iron ore and scrap</b>	<b>51</b>	<b>—</b>	<b>51</b>	<b>—</b>	<b>—</b>	<b>—</b>
4420 iron & steel scrap	51	—	51	—	—	—
<b>Subtotal sulphur, clay and salt</b>	<b>95</b>	<b>95</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
4782 clay & refrac. mat.	95	95	—	—	—	—
<b>Subtotal slag</b>	<b>114</b>	<b>31</b>	<b>—</b>	<b>83</b>	<b>83</b>	<b>—</b>
4860 slag	114	31	—	83	83	—
<b>Subtotal other non-metal. min.</b>	<b>65</b>	<b>65</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
4900 non-metal. min. nec	65	65	—	—	—	—
<b>Total primary manufactured goods</b>	<b>101</b>	<b>—</b>	<b>10</b>	<b>91</b>	<b>78</b>	<b>13</b>
<b>Subtotal lime, cement and glass</b>	<b>91</b>	<b>—</b>	<b>—</b>	<b>91</b>	<b>78</b>	<b>13</b>
5220 cement & concrete	91	—	—	91	78	13
<b>Subtotal primary non-ferrous metal products</b>	<b>10</b>	<b>—</b>	<b>10</b>	<b>—</b>	<b>—</b>	<b>—</b>
5429 smelted prod. nec	10	—	10	—	—	—

HOLLAND HARBOR, MI

Section Included: Controlling Depths: Entrance channel - 23 feet decreasing to 20 feet at the outer end of the inner pier; thence a controlling depth of 19 feet for a channel through Lake Macatawa to the wharves in Holland, Michigan, a Turning Basin 18 feet deep, a channel in Black River 21 feet deep and a settling basin with a project depth of 17 feet above the Black River channel to the State Street Bridge. Navigation season: March 13 to December 31.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1993	317	1996	407	1999	453	<b>2002</b>	<b>621</b>
1994	391	1997	398	2000	389		
1995	432	1998	476	2001	443		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Lakewise	
		Receipts	Shipments
<b>Total, all commodities</b>	<b>621</b>	<b>616</b>	<b>4</b>
<b>Total coal</b>	<b>171</b>	<b>171</b>	<b>—</b>
1100 coal lignite	171	171	—
<b>Total crude materials, inedible except fuels</b>	<b>449</b>	<b>445</b>	<b>4</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>445</b>	<b>445</b>	<b>—</b>
4322 limestone	445	445	—
<b>Subtotal iron ore and scrap</b>	<b>4</b>	<b>—</b>	<b>4</b>
4420 iron & steel scrap	4	—	4

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 of 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
1993	485	1996	447	1999	510	<b>2002</b>	<b>602</b>
1994	631	1997	609	2000	735		
1995	598	1998	747	2001	1,015		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Domestic	
		Lakewise	Internal
		Receipts	Inbound Upbound
<b>Total, all commodities</b>	<b>602</b>	<b>601</b>	<b>1</b>
<b>Total crude materials, inedible except fuels</b>	<b>328</b>	<b>328</b>	<b>—</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>324</b>	<b>324</b>	<b>—</b>
4322 limestone	324	324	—
<b>Subtotal slag</b>	<b>3</b>	<b>3</b>	<b>—</b>
4860 slag	3	3	—
<b>Total primary manufactured goods</b>	<b>273</b>	<b>273</b>	<b>—</b>
<b>Subtotal lime, cement and glass</b>	<b>273</b>	<b>273</b>	<b>—</b>
5220 cement & concrete	273	273	—
<b>Total all manufactured equipment, machinery and products</b>	<b>1</b>	<b>—</b>	<b>1</b>
7120 electrical machinery	1	—	1

Tons All Traffic (x1000) **602**  
 Total Trip-ton-miles Internal and Intraport (x1000) **1,714**

CHEBOYGAN HARBOR, MI

Section Included: Entrance channel and 3,500 feet of river. Controlling Depth: 21 feet to East First Street, including turning basin, and 18.5 feet to the State Road Bridge. Project Depth: 21 feet to East First Street; 18.5 feet to the State Road Bridge; 8.5 feet above the State Road Bridge to Lock in Cheboygan River; 21 feet in turning basin. Navigation season: 14 April to 9 December.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1993	221	1996	276	1999	365	<b>2002</b>	<b>272</b>
1994	299	1997	282	2000	298		
1995	314	1998	308	2001	279		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Domestic	
		Lakewise	Receipts
		<b>Total, all commodities</b>	<b>271</b>
<b>Total petroleum and petroleum products</b>	<b>271</b>	<b>271</b>	
<b>Subtotal petroleum products</b>	<b>271</b>	<b>271</b>	
2211 gasoline	227	227	
2330 distillate fuel oil	26	26	
2340 residual fuel oil	1	1	
2990 petro. products nec	17	17	
<b>Total all manufactured equipment, machinery and products</b>	<b>0</b>	<b>0</b>	
7900 manufac. prod. nec	0	0	

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
1993	2,496	1996	2,858	1999	3,531	<b>2002</b>	<b>3,127</b>
1994	2,641	1997	3,265	2000	3,539		
1995	3,262	1998	3,108	2001	3,373		

Freight Traffic, 2002 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
<b>Total, all commodities</b>	<b>1,419</b>	<b>136</b>	<b>142</b>	<b>750</b>	<b>391</b>
<b>Total crude materials, inedible except fuels</b>	<b>724</b>	<b>10</b>	<b>---</b>	<b>648</b>	<b>65</b>
<b>Subtotal forest products, wood and chips</b>	<b>10</b>	<b>10</b>	<b>---</b>	<b>---</b>	<b>---</b>
4170 wood in the rough	10	10	---	---	---
4189 lumber	0	0	---	---	---
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>56</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>56</b>
4331 sand & gravel	56	---	---	---	56
<b>Subtotal iron ore and scrap</b>	<b>10</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>10</b>
4420 iron & steel scrap	10	---	---	---	10
<b>Subtotal slag</b>	<b>5</b>	<b>---</b>	<b>---</b>	<b>5</b>	<b>---</b>
4860 slag	5	---	---	5	---
<b>Subtotal other non-metal. min.</b>	<b>643</b>	<b>---</b>	<b>---</b>	<b>643</b>	<b>---</b>
4900 non-metal. min. nec	643	---	---	643	---
<b>Total primary manufactured goods</b>	<b>223</b>	<b>122</b>	<b>---</b>	<b>101</b>	<b>---</b>
<b>Subtotal lime, cement and glass</b>	<b>182</b>	<b>83</b>	<b>---</b>	<b>99</b>	<b>---</b>
5220 cement & concrete	182	83	---	99	---
5240 glass & glass prod.	0	0	---	---	---
<b>Subtotal primary iron and steel products</b>	<b>39</b>	<b>37</b>	<b>---</b>	<b>2</b>	<b>---</b>
5312 pig iron	2	---	---	2	---
5320 i&s primary forms	1	1	---	---	---
5330 i&s plates & sheets	24	24	---	---	---
5360 i&s bars & shapes	11	11	---	---	---
5390 primary i&s nec	0	0	---	---	---
<b>Subtotal primary non-ferrous metal products</b>	<b>2</b>	<b>2</b>	<b>---</b>	<b>---</b>	<b>---</b>
5480 fab. metal products	2	2	---	---	---
<b>Total food and farm products</b>	<b>468</b>	<b>0</b>	<b>142</b>	<b>---</b>	<b>326</b>
<b>Subtotal grain</b>	<b>297</b>	<b>---</b>	<b>96</b>	<b>---</b>	<b>201</b>
6344 corn	297	---	96	---	201
<b>Subtotal oilseeds</b>	<b>159</b>	<b>---</b>	<b>35</b>	<b>---</b>	<b>124</b>
6522 soybeans	159	---	35	---	124
<b>Subtotal vegetable products</b>	<b>2</b>	<b>---</b>	<b>2</b>	<b>---</b>	<b>---</b>
6654 vegetables & prod.	2	---	2	---	---
<b>Subtotal processed grain and animal feed</b>	<b>9</b>	<b>---</b>	<b>9</b>	<b>---</b>	<b>---</b>
6747 grain mill products	9	---	9	---	---

MILWAUKEE HARBOR, WI  
Freight Traffic, 2002 - continued  
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
<b>Subtotal other agricultural products</b>	<b>1</b>	<b>0</b>	<b>0</b>	---	---
6889 food products nec	1	0	0	---	---
<b>Total all manufactured equipment, machinery and products</b>	<b>4</b>	<b>4</b>	---	---	<b>1</b>
7110 machinery (not elec)	1	0	---	---	1
7120 electrical machinery	0	0	---	---	---
7210 vehicles & parts	3	3	---	---	---
7900 manufac. prod. nec	0	0	---	---	---
<b>Total unknown or not elsewhere classified</b>	<b>0</b>	<b>0</b>	---	---	---
9900 unknown or nec	0	0	---	---	---

Commodity	Total	Domestic			
		Lakewise		Internal	
		Receipts	Shipments	Receipts	Shipments
<b>Total, all commodities</b>	<b>1,708</b>	<b>1,669</b>	<b>13</b>	<b>20</b>	<b>6</b>
<b>Total coal</b>	<b>787</b>	<b>787</b>	---	---	---
1100 coal lignite	787	787	---	---	---
<b>Total petroleum and petroleum products</b>	<b>209</b>	<b>209</b>	---	---	---
<b>Subtotal petroleum products</b>	<b>209</b>	<b>209</b>	---	---	---
2430 asphalt, tar & pitch	209	209	---	---	---
<b>Total chemicals and related products</b>	<b>1</b>	---	---	<b>1</b>	---
<b>Subtotal fertilizers</b>	<b>1</b>	---	---	<b>1</b>	---
3110 nitrogenous fert.	1	---	---	1	---
<b>Total crude materials, inedible except fuels</b>	<b>62</b>	<b>50</b>	<b>2</b>	<b>11</b>	---
<b>Subtotal forest products, wood and chips</b>	<b>0</b>	---	<b>0</b>	---	---
4170 wood in the rough	0	---	0	---	---
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>20</b>	<b>19</b>	<b>2</b>	---	---
4322 limestone	12	12	---	---	---
4323 gypsum	3	3	---	---	---
4331 sand & gravel	4	3	2	---	---
4335 waterway improv. mat	0	0	---	---	---
<b>Subtotal slag</b>	<b>5</b>	<b>5</b>	---	---	---
4860 slag	5	5	---	---	---
<b>Subtotal other non-metal. min.</b>	<b>37</b>	<b>27</b>	---	<b>11</b>	---
4900 non-metal. min. nec	37	27	---	11	---
<b>Total primary manufactured goods</b>	<b>641</b>	<b>622</b>	<b>11</b>	<b>7</b>	---
<b>Subtotal lime, cement and glass</b>	<b>634</b>	<b>622</b>	<b>11</b>	---	---
5220 cement & concrete	634	622	11	---	---
<b>Subtotal primary iron and steel products</b>	<b>7</b>	---	---	<b>7</b>	---
5312 pig iron	7	---	---	7	---
<b>Total food and farm products</b>	<b>6</b>	---	---	---	<b>6</b>
<b>Subtotal oilseeds</b>	<b>6</b>	---	---	---	<b>6</b>
6522 soybeans	6	---	---	---	6

PORT WASHINGTON HARBOR, WI

Section Included: Outer harbor and interior basins. Controlling and project depths: 21 feet in the entrance channel and outer turning basin; 18 feet in inner basins.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1993	84	1996	546	1999	409	<b>2002</b>	<b>354</b>
1994	335	1997	595	2000	556		
1995	390	1998	596	2001	601		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Domestic
		Lakewise Receipts
<b>Total, all commodities</b>	<b>354</b>	<b>354</b>
<b>Total coal</b>	<b>354</b>	<b>354</b>
1100 coal lignite	354	354

MANITOWOC HARBOR, WI

Section Included: Outer harbor and lower 2 miles of river. Controlling and project depths: 21 feet in the Lake Approach Channel, the outer harbor, and in the river channel to the Third Railway Bridge.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1993	300	1996	312	1999	379	<b>2002</b>	<b>421</b>
1994	330	1997	407	2000	287		
1995	373	1998	414	2001	408		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Lakewise	
		Receipts	Shipments
<b>Total, all commodities</b>	<b>421</b>	<b>324</b>	<b>98</b>
<b>Total coal</b>	<b>147</b>	<b>147</b>	<b>—</b>
1100 coal lignite	147	147	—
<b>Total crude materials, inedible except fuels</b>	<b>98</b>	<b>—</b>	<b>98</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>98</b>	<b>—</b>	<b>98</b>
4335 waterway improv. mat	98	—	98
<b>Total primary manufactured goods</b>	<b>177</b>	<b>177</b>	<b>—</b>
<b>Subtotal lime, cement and glass</b>	<b>177</b>	<b>177</b>	<b>—</b>
5220 cement & concrete	177	177	—

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
1993	2,587	1996	2,176	1999	2,333	<b>2002</b>	<b>2,078</b>
1994	2,288	1997	2,130	2000	1,551		
1995	2,122	1998	2,353	2001	2,242		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Foreign	Canadian	Domestic		
		Outbound	Inbound	Total	Lakewise	
				Receipts	Shipments	Shipments
<b>Total, all commodities</b>	<b>2,078</b>	<b>2</b>	<b>300</b>	<b>1,776</b>	<b>1,770</b>	<b>6</b>
<b>Total coal</b>	<b>871</b>	<b>—</b>	<b>—</b>	<b>871</b>	<b>871</b>	<b>—</b>
1100 coal lignite	871	—	—	871	871	—
<b>Total petroleum and petroleum products</b>	<b>38</b>	<b>—</b>	<b>—</b>	<b>38</b>	<b>38</b>	<b>—</b>
<b>Subtotal petroleum products</b>	<b>38</b>	<b>—</b>	<b>—</b>	<b>38</b>	<b>38</b>	<b>—</b>
2430 asphalt, tar & pitch	38	—	—	38	38	—
<b>Total chemicals and related products</b>	<b>24</b>	<b>—</b>	<b>—</b>	<b>24</b>	<b>24</b>	<b>—</b>
<b>Subtotal other chemicals and related products</b>	<b>24</b>	<b>—</b>	<b>—</b>	<b>24</b>	<b>24</b>	<b>—</b>
3276 metallic salts	24	—	—	24	24	—
<b>Total crude materials, inedible except fuels</b>	<b>739</b>	<b>—</b>	<b>206</b>	<b>533</b>	<b>527</b>	<b>6</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>532</b>	<b>—</b>	<b>—</b>	<b>532</b>	<b>526</b>	<b>6</b>
4322 limestone	532	—	—	532	526	6
<b>Subtotal slag</b>	<b>1</b>	<b>—</b>	<b>—</b>	<b>1</b>	<b>1</b>	<b>—</b>
4860 slag	1	—	—	1	1	—
<b>Subtotal other non-metal. min.</b>	<b>206</b>	<b>—</b>	<b>206</b>	<b>—</b>	<b>—</b>	<b>—</b>
4900 non-metal. min. nec	206	—	206	—	—	—
<b>Total primary manufactured goods</b>	<b>404</b>	<b>—</b>	<b>94</b>	<b>311</b>	<b>311</b>	<b>—</b>
<b>Subtotal lime, cement and glass</b>	<b>371</b>	<b>—</b>	<b>62</b>	<b>309</b>	<b>309</b>	<b>—</b>
5220 cement & concrete	371	—	62	309	309	—
<b>Subtotal primary iron and steel products</b>	<b>33</b>	<b>—</b>	<b>31</b>	<b>2</b>	<b>2</b>	<b>—</b>
5312 pig iron	33	—	31	2	2	—
<b>Total food and farm products</b>	<b>2</b>	<b>2</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>Subtotal other agricultural products</b>	<b>2</b>	<b>2</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
6838 tallow, animal oils	2	2	—	—	—	—

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
1993	2,547	1996	2,345	1999	3,947	<b>2002</b>	<b>3,218</b>
1994	2,672	1997	2,901	2000	3,405		
1995	2,767	1998	3,078	2001	3,268		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Canadian		Domestic		
		Inbound	Outbound	Total	Lakewise	
					Receipts	Shipments
<b>Total, all commodities</b>	<b>3,218</b>	<b>53</b>	<b>143</b>	<b>3,021</b>	<b>518</b>	<b>2,503</b>
<b>Total coal</b>	<b>472</b>	<b>---</b>	<b>13</b>	<b>458</b>	<b>458</b>	<b>---</b>
1100 coal lignite	312	---	13	298	298	---
1200 coal coke	160	---	---	160	160	---
<b>Total chemicals and related products</b>	<b>10</b>	<b>---</b>	<b>10</b>	<b>---</b>	<b>---</b>	<b>---</b>
<b>Subtotal other chemicals and related products</b>	<b>10</b>	<b>---</b>	<b>10</b>	<b>---</b>	<b>---</b>	<b>---</b>
3292 starches, gluten, glue	10	---	10	---	---	---
<b>Total crude materials, inedible except fuels</b>	<b>133</b>	<b>53</b>	<b>17</b>	<b>63</b>	<b>60</b>	<b>2</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>49</b>	<b>---</b>	<b>17</b>	<b>32</b>	<b>32</b>	<b>---</b>
4322 limestone	49	---	17	32	32	---
<b>Subtotal iron ore and scrap</b>	<b>29</b>	<b>---</b>	<b>---</b>	<b>29</b>	<b>29</b>	<b>---</b>
4410 iron ore	29	---	---	29	29	---
<b>Subtotal slag</b>	<b>2</b>	<b>---</b>	<b>---</b>	<b>2</b>	<b>---</b>	<b>2</b>
4860 slag	2	---	---	2	---	2
<b>Subtotal other non-metal. min.</b>	<b>53</b>	<b>53</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>
4900 non-metal. min. nec	53	53	---	---	---	---
<b>Total primary manufactured goods</b>	<b>2,603</b>	<b>---</b>	<b>102</b>	<b>2,501</b>	<b>---</b>	<b>2,501</b>
<b>Subtotal lime, cement and glass</b>	<b>2,603</b>	<b>---</b>	<b>102</b>	<b>2,501</b>	<b>---</b>	<b>2,501</b>
5220 cement & concrete	2,603	---	102	2,501	---	2,501

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
1993	162	1996	191	1999	165	<b>2002</b>	<b>429</b>
1994	217	1997	260	2000	51		
1995	194	1998	388	2001	196		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Foreign	Canadian	Domestic
		Inbound	Inbound	Lakewise
				Receipts
<b>Total, all commodities</b>	<b>429</b>	<b>283</b>	<b>130</b>	<b>17</b>
<b>Total coal</b>	<b>17</b>	<b>---</b>	<b>---</b>	<b>17</b>
1100 coal lignite	17	---	---	17
<b>Total crude materials, inedible except fuels</b>	<b>232</b>	<b>161</b>	<b>71</b>	<b>---</b>
<b>Subtotal forest products, wood and chips</b>	<b>5</b>	<b>5</b>	<b>---</b>	<b>---</b>
4189 lumber	5	5	---	---
<b>Subtotal pulp and waste paper</b>	<b>158</b>	<b>156</b>	<b>2</b>	<b>---</b>
4225 pulp & waste paper	158	156	2	---
<b>Subtotal other non-metal. min.</b>	<b>69</b>	<b>---</b>	<b>69</b>	<b>---</b>
4900 non-metal. min. nec	69	---	69	---
<b>Total primary manufactured goods</b>	<b>181</b>	<b>122</b>	<b>59</b>	<b>---</b>
<b>Subtotal primary iron and steel products</b>	<b>181</b>	<b>122</b>	<b>59</b>	<b>---</b>
5312 pig iron	181	122	59	---

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
1993	5,234	1996	5,264	1999	5,290	<b>2002</b>	<b>5,819</b>
1994	5,119	1997	5,730	2000	4,609		
1995	4,720	1998	5,609	2001	5,839		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Canadian	Domestic
		Inbound	Lakewise Receipts
<b>Total, all commodities</b>	<b>5,819</b>	<b>1,593</b>	<b>4,226</b>
<b>Total coal</b>	<b>268</b>	<b>---</b>	<b>268</b>
1100 coal lignite	268	---	268
<b>Total petroleum and petroleum products</b>	<b>232</b>	<b>60</b>	<b>172</b>
<b>Subtotal petroleum products</b>	<b>232</b>	<b>60</b>	<b>172</b>
2211 gasoline	53	53	---
2330 distillate fuel oil	16	---	16
2340 residual fuel oil	41	7	35
2430 asphalt, tar & pitch	121	---	121
<b>Total chemicals and related products</b>	<b>121</b>	<b>51</b>	<b>71</b>
<b>Subtotal fertilizers</b>	<b>51</b>	<b>51</b>	<b>---</b>
3130 potassic fert.	51	51	---
<b>Subtotal other chemicals and related products</b>	<b>71</b>	<b>---</b>	<b>71</b>
3276 metallic salts	71	---	71
<b>Total crude materials, inedible except fuels</b>	<b>4,511</b>	<b>982</b>	<b>3,529</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>3,615</b>	<b>86</b>	<b>3,529</b>
4322 limestone	3,529	---	3,529
4331 sand & gravel	86	86	---
<b>Subtotal iron ore and scrap</b>	<b>12</b>	<b>12</b>	<b>---</b>
4410 iron ore	12	12	---
<b>Subtotal sulphur, clay and salt</b>	<b>697</b>	<b>697</b>	<b>---</b>
4782 clay & refrac. mat.	697	697	---
<b>Subtotal slag</b>	<b>23</b>	<b>23</b>	<b>---</b>
4860 slag	23	23	---
<b>Subtotal other non-metal. min.</b>	<b>164</b>	<b>164</b>	<b>---</b>
4900 non-metal. min. nec	164	164	---
<b>Total primary manufactured goods</b>	<b>671</b>	<b>484</b>	<b>187</b>
<b>Subtotal lime, cement and glass</b>	<b>669</b>	<b>483</b>	<b>187</b>
5220 cement & concrete	669	483	187
<b>Subtotal primary non-ferrous metal products</b>	<b>1</b>	<b>1</b>	<b>---</b>
5480 fab. metal products	1	1	---
<b>Total all manufactured equipment, machinery and products</b>	<b>16</b>	<b>16</b>	<b>---</b>
7110 machinery (not elec)	16	16	---

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
1993	69,062	1996	78,546	1999	79,910	<b>2002</b>	<b>79,341</b>
1994	75,531	1997	79,777	2000	85,078		
1995	78,813	1998	84,238	2001	79,143		

Freight Traffic, 2002 (thousand short tons)

Commodity	Total	Foreign Through		Canadian Through	Inbound	
		Upbound*	Downbnd			
		Upbound	Downbnd*	Upbound	Downbnd*	
<b>Total, all commodities</b>	<b>33,301</b>	<b>1,737</b>	<b>2,628</b>	<b>658</b>	<b>8,073</b>	<b>20,204</b>
<b>Total coal</b>	<b>11,887</b>	<b>---</b>	<b>---</b>	<b>7</b>	<b>4,886</b>	<b>6,994</b>
1100 coal lignite	11,829	---	---	7	4,886	6,936
1200 coal coke	58	---	---	---	---	58



ST. CLAIR RIVER, MI  
Freight Traffic, 2002 - continued  
(thousand short tons)

Commodity	Total	Foreign		Canadian		
		Through		Inbound	Through	
		Upbound*	Downbnd		Upbound	Downbnd*
<b>Total petroleum and petroleum products</b>	<b>1,032</b>	<b>---</b>	<b>45</b>	<b>24</b>	<b>247</b>	<b>715</b>
<b>Subtotal crude petroleum</b>	<b>11</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>11</b>	<b>---</b>
2100 crude petroleum	11	---	---	---	11	---
<b>Subtotal petroleum products</b>	<b>1,020</b>	<b>---</b>	<b>45</b>	<b>24</b>	<b>236</b>	<b>715</b>
2211 gasoline	77	---	---	---	77	---
2330 distillate fuel oil	265	---	---	24	78	162
2340 residual fuel oil	70	---	---	---	29	41
2350 lube oil & greases	7	---	---	---	7	---
2429 naphtha & solvents	4	---	---	---	4	---
2430 asphalt, tar & pitch	19	---	---	---	---	19
2540 petroleum coke	579	---	45	---	42	493
<b>Total chemicals and related products</b>	<b>1,168</b>	<b>7</b>	<b>8</b>	<b>---</b>	<b>134</b>	<b>1,019</b>
<b>Subtotal fertilizers</b>	<b>166</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>166</b>
3110 nitrogenous fert.	9	---	---	---	---	9
3130 potassic fert.	157	---	---	---	---	157
<b>Subtotal other chemicals and related products</b>	<b>1,002</b>	<b>7</b>	<b>8</b>	<b>---</b>	<b>134</b>	<b>853</b>
3212 benzene & toluene	30	---	---	---	---	30
3219 other hydrocarbons	20	7	---	---	---	13
3274 sodium hydroxide	57	---	---	---	57	---
3275 inorg. elem., oxides, & halogen salts	237	---	---	---	14	223
3276 metallic salts	596	---	8	---	27	560
3282 pigments & paints	42	0	---	---	29	13
3299 chem. products nec	21	---	---	---	7	14
<b>Total crude materials, inedible except fuels</b>	<b>11,345</b>	<b>276</b>	<b>110</b>	<b>628</b>	<b>1,857</b>	<b>8,475</b>
<b>Subtotal forest products, wood and chips</b>	<b>103</b>	<b>30</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>73</b>
4170 wood in the rough	11	11	---	---	---	---
4189 lumber	92	20	---	---	---	73
<b>Subtotal pulp and waste paper</b>	<b>161</b>	<b>156</b>	<b>---</b>	<b>---</b>	<b>6</b>	<b>---</b>
4225 pulp & waste paper	161	156	---	---	6	---
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>2,880</b>	<b>---</b>	<b>---</b>	<b>183</b>	<b>86</b>	<b>2,610</b>
4310 building stone	25	---	---	---	25	---
4322 limestone	1,792	---	---	---	---	1,792
4331 sand & gravel	1,063	---	---	183	61	819
<b>Subtotal iron ore and scrap</b>	<b>5,009</b>	<b>3</b>	<b>---</b>	<b>---</b>	<b>1,006</b>	<b>4,000</b>
4410 iron ore	4,994	3	---	---	1,002	3,989
4420 iron & steel scrap	14	---	---	---	4	10
<b>Subtotal non-ferrous ores and scrap</b>	<b>172</b>	<b>59</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>113</b>
4650 aluminum ore	59	59	---	---	---	---
4690 non-ferrous ores nec	113	---	---	---	---	113
<b>Subtotal sulphur, clay and salt</b>	<b>1,107</b>	<b>23</b>	<b>110</b>	<b>444</b>	<b>23</b>	<b>508</b>
4741 sulphur, (dry)	63	---	---	---	6	57
4782 clay & refrac. mat.	1,044	23	110	444	17	451
<b>Subtotal slag</b>	<b>295</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>240</b>	<b>55</b>
4860 slag	295	---	---	---	240	55
<b>Subtotal other non-metal. min.</b>	<b>1,618</b>	<b>4</b>	<b>---</b>	<b>---</b>	<b>497</b>	<b>1,117</b>
4900 non-metal. min. nec	1,618	4	---	---	497	1,117
<b>Total primary manufactured goods</b>	<b>3,566</b>	<b>1,419</b>	<b>---</b>	<b>---</b>	<b>818</b>	<b>1,330</b>
<b>Subtotal lime, cement and glass</b>	<b>1,953</b>	<b>83</b>	<b>---</b>	<b>---</b>	<b>653</b>	<b>1,217</b>
5220 cement & concrete	1,942	83	---	---	653	1,206
5240 glass & glass prod.	0	0	---	---	---	---
5290 misc. mineral prod.	11	0	---	---	---	11
<b>Subtotal primary iron and steel products</b>	<b>1,342</b>	<b>1,139</b>	<b>---</b>	<b>---</b>	<b>109</b>	<b>93</b>
5312 pig iron	228	122	---	---	98	7
5315 ferro alloys	14	14	---	---	---	---
5320 i&s primary forms	415	407	---	---	8	0
5330 i&s plates & sheets	525	456	---	---	---	69
5360 i&s bars & shapes	136	133	---	---	3	---
5370 i&s pipe & tube	8	8	---	---	---	---
5390 primary i&s nec	17	0	---	---	---	16
<b>Subtotal primary non-ferrous metal products</b>	<b>233</b>	<b>158</b>	<b>---</b>	<b>---</b>	<b>56</b>	<b>19</b>
5422 aluminum	1	1	---	---	---	---
5429 smelted prod. nec	1	1	---	---	---	---
5480 fab. metal products	231	157	---	---	56	19
<b>Subtotal primary wood products</b>	<b>38</b>	<b>38</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>
5540 primary wood prod.	38	38	---	---	---	---
<b>Total food and farm products</b>	<b>4,271</b>	<b>21</b>	<b>2,465</b>	<b>---</b>	<b>114</b>	<b>1,670</b>
<b>Subtotal grain</b>	<b>2,677</b>	<b>21</b>	<b>1,789</b>	<b>---</b>	<b>73</b>	<b>793</b>
6241 wheat	1,921	---	1,545	---	---	376
6344 corn	713	---	225	---	73	414
6443 barley & rye	19	---	19	---	---	---
6445 oats	24	21	---	---	---	3
<b>Subtotal oilseeds</b>	<b>1,393</b>	<b>---</b>	<b>527</b>	<b>---</b>	<b>6</b>	<b>859</b>
6522 soybeans	1,316	---	450	---	6	859
6534 flaxseed	77	---	77	---	---	---
<b>Subtotal vegetable products</b>	<b>2</b>	<b>---</b>	<b>2</b>	<b>---</b>	<b>---</b>	<b>---</b>
6654 vegetables & prod.	2	---	2	---	---	---
<b>Subtotal processed grain and animal feed</b>	<b>161</b>	<b>---</b>	<b>113</b>	<b>---</b>	<b>30</b>	<b>18</b>
6747 grain mill products	40	---	22	---	---	18
6782 animal feed, prep.	121	---	91	---	30	---

ST. CLAIR RIVER, MI  
Freight Traffic, 2002 - continued  
(thousand short tons)

Commodity	Total	Foreign		Inbound	Canadian	
		Through			Through	
		Upbound*	Downbnd		Upbound	Downbnd*
<b>Subtotal other agricultural products</b>	<b>39</b>	<b>0</b>	<b>34</b>	<b>---</b>	<b>4</b>	<b>---</b>
6838 tallow, animal oils	2	---	2	---	---	---
6885 alcoholic beverages	4	---	---	---	4	---
6889 food products nec	1	0	0	---	---	---
6899 farm products nec	32	---	32	---	---	---
<b>Total all manufactured equipment, machinery and products</b>	<b>31</b>	<b>14</b>	<b>---</b>	<b>---</b>	<b>16</b>	<b>1</b>
7110 machinery (not elec)	25	8	---	---	16	1
7120 electrical machinery	1	1	---	---	---	---
7210 vehicles & parts	4	4	---	---	---	---
7230 ships & boats	0	0	---	---	---	---
7900 manufac. prod. nec	0	0	---	---	---	---
<b>Total unknown or not elsewhere classified</b>	<b>1</b>	<b>1</b>	<b>---</b>	<b>---</b>	<b>0</b>	<b>---</b>
9900 unknown or nec	1	1	---	---	0	---
<b>Ton-miles (x1000)</b>	<b>1,278,026</b>	<b>67,755</b>	<b>102,498</b>	<b>4,961</b>	<b>314,843</b>	<b>787,969</b>

Foreign & Canadian

Commodity	Total	Domestic				
		Receipts	Lakewise		Internal	
			Through		Through	
		Upbound	Downbnd	Upbound	Downbnd	
<b>Total, all commodities</b>	<b>46,040</b>	<b>9,185</b>	<b>4,021</b>	<b>32,821</b>	<b>12</b>	<b>1</b>
<b>Total coal</b>	<b>11,980</b>	<b>7,354</b>	<b>3,498</b>	<b>1,128</b>	<b>---</b>	<b>---</b>
1100 coal lignite	11,924	7,354	3,498	1,072	---	---
1200 coal coke	56	---	---	56	---	---
<b>Total petroleum and petroleum products</b>	<b>441</b>	<b>72</b>	<b>145</b>	<b>212</b>	<b>12</b>	<b>---</b>
<b>Subtotal petroleum products</b>	<b>441</b>	<b>72</b>	<b>145</b>	<b>212</b>	<b>12</b>	<b>---</b>
2211 gasoline	6	---	6	---	---	---
2330 distillate fuel oil	53	33	11	5	5	---
2340 residual fuel oil	78	39	39	---	---	---
2430 asphalt, tar & pitch	169	---	38	131	---	---
2540 petroleum coke	106	---	23	75	8	---
2990 petro. products nec	28	---	28	---	---	---
<b>Total crude materials, inedible except fuels</b>	<b>32,465</b>	<b>1,759</b>	<b>378</b>	<b>30,327</b>	<b>---</b>	<b>---</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>10,238</b>	<b>1,759</b>	<b>89</b>	<b>8,389</b>	<b>---</b>	<b>---</b>
4322 limestone	9,892	1,759	89	8,043	---	---
4323 gypsum	159	---	---	159	---	---
4331 sand & gravel	187	---	0	187	---	---
<b>Subtotal iron ore and scrap</b>	<b>21,990</b>	<b>---</b>	<b>52</b>	<b>21,938</b>	<b>---</b>	<b>---</b>
4410 iron ore	21,990	---	52	21,938	---	---
<b>Subtotal slag</b>	<b>135</b>	<b>---</b>	<b>134</b>	<b>1</b>	<b>---</b>	<b>---</b>
4860 slag	135	---	134	1	---	---
<b>Subtotal other non-metal. min.</b>	<b>103</b>	<b>---</b>	<b>103</b>	<b>---</b>	<b>---</b>	<b>---</b>
4900 non-metal. min. nec	103	---	103	---	---	---
<b>Total primary manufactured goods</b>	<b>811</b>	<b>---</b>	<b>---</b>	<b>811</b>	<b>---</b>	<b>---</b>
<b>Subtotal lime, cement and glass</b>	<b>811</b>	<b>---</b>	<b>---</b>	<b>811</b>	<b>---</b>	<b>---</b>
5220 cement & concrete	811	---	---	811	---	---
<b>Total food and farm products</b>	<b>343</b>	<b>---</b>	<b>---</b>	<b>343</b>	<b>---</b>	<b>---</b>
<b>Subtotal grain</b>	<b>343</b>	<b>---</b>	<b>---</b>	<b>343</b>	<b>---</b>	<b>---</b>
6241 wheat	343	---	---	343	---	---
<b>Total all manufactured equipment, machinery and products</b>	<b>1</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>1</b>
7110 machinery (not elec)	1	---	---	---	---	1
<b>Ton-miles (x1000)</b>	<b>1,595,821</b>	<b>158,482</b>	<b>156,819</b>	<b>1,280,016</b>	<b>484</b>	<b>20</b>
<b>Domestic</b>						
<b>Tons All Traffic (x1000)</b>	<b>79,341</b>					
<b>Ton-miles All Traffic (x1000)</b>	<b>2,873,847</b>					
<b>Total Trip-ton-miles Internal and Intraport (x1000)</b>	<b>10,100</b>					

\*Includes 5,436 tons of foreign upbound through in-transits; Includes 19,901 tons of Canadian downbound through in-transits.

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

Section Included: West bank of the St. Clair River from mouth of river to Grand Trunk Western Railroad Bridge and both banks of the Black River up to Washington Avenue in Port Huron, Michigan. Controlling Depths: from Lake St. Clair to Stag Island, 27.1 feet. In the Stag Island to Port Huron channel and the foot of Lake Huron channel, 27.3 feet and 30 feet respectively. In the Black River, 17 feet, for a width of 70 feet, from the mouth to 1,700 feet upstream of the Grand Trunk Western Railroad Bridge, and 15 feet for a width of 50 feet through the settling basin to Washington Avenue. Project Depths: In the St. Clair River, slopes from 30 feet at head to 27.5 feet at Grand Trunk Western Railroad Bridge. In the Black River, 20 feet from the mouth to the upper end of the settling basin, about 2,300 feet upstream from the Grand Trunk Western Railroad Bridge.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1993	1,687	1996	581	1999	971	<b>2002</b>	<b>299</b>
1994	839	1997	588	2000	611		
1995	488	1998	843	2001	273		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Canadian	Domestic
		Inbound	Lakewise Receipts
<b>Total, all commodities</b>	<b>299</b>	<b>218</b>	<b>81</b>
<b>Total crude materials, inedible except fuels</b>	<b>299</b>	<b>218</b>	<b>81</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>129</b>	<b>48</b>	<b>81</b>
4322 limestone	81	—	81
4331 sand & gravel	48	48	—
<b>Subtotal sulphur, clay and salt</b>	<b>171</b>	<b>171</b>	<b>—</b>
4782 clay & refrac. mat.	171	171	—

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
1993	736	1996	1,068	1999	1,357	<b>2002</b>	<b>1,323</b>
1994	1,175	1997	1,142	2000	1,227		
1995	889	1998	1,282	2001	1,503		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Canadian	Domestic
		Inbound	Lakewise Receipts
<b>Total, all commodities</b>	<b>1,323</b>	<b>390</b>	<b>933</b>
<b>Total coal</b>	<b>94</b>	<b>—</b>	<b>94</b>
1100 coal lignite	94	—	94
<b>Total petroleum and petroleum products</b>	<b>63</b>	<b>3</b>	<b>60</b>
<b>Subtotal petroleum products</b>	<b>63</b>	<b>3</b>	<b>60</b>
2330 distillate fuel oil	29	3	26
2340 residual fuel oil	34	—	34
<b>Total crude materials, inedible except fuels</b>	<b>1,167</b>	<b>387</b>	<b>780</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>893</b>	<b>113</b>	<b>780</b>
4322 limestone	780	—	780
4331 sand & gravel	113	113	—
<b>Subtotal sulphur, clay and salt</b>	<b>274</b>	<b>274</b>	<b>—</b>
4782 clay & refrac. mat.	274	274	—

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
1993	5,039	1996	5,427	1999	5,326	<b>2002</b>	<b>4,506</b>
1994	5,887	1997	5,699	2000	5,553		
1995	5,028	1998	5,533	2001	4,818		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Canadian	Domestic
		Inbound	Lakewise Receipts
<b>Total, all commodities</b>	<b>4,506</b>	<b>28</b>	<b>4,478</b>
<b>Total coal</b>	<b>4,473</b>	<b>7</b>	<b>4,466</b>
1100 coal lignite	4,473	7	4,466
<b>Total petroleum and petroleum products</b>	<b>33</b>	<b>21</b>	<b>12</b>
<b>Subtotal petroleum products</b>	<b>33</b>	<b>21</b>	<b>12</b>
2330 distillate fuel oil	27	21	6
2340 residual fuel oil	5	—	5

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

Section Included: West bank of St. Clair River at Marine City, MI, 25.3 miles upbound to Lake Huron; 19.2 miles downbound to Lake St. Clair, MI Controlling Depth: 27 feet. Project Depth(at low water datum): 27.3 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1993	3,454	1996	4,116	1999	3,652	<b>2002</b>	<b>3,713</b>
1994	3,572	1997	4,001	2000	3,987		
1995	3,850	1998	4,252	2001	3,896		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Canadian	Domestic
		Inbound	Lakewise Receipts
<b>Total, all commodities</b>	<b>3,713</b>	<b>22</b>	<b>3,690</b>
<b>Total coal</b>	<b>2,794</b>	<b>—</b>	<b>2,794</b>
1100 coal lignite	2,794	—	2,794
<b>Total crude materials, inedible except fuels</b>	<b>918</b>	<b>22</b>	<b>896</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>918</b>	<b>22</b>	<b>896</b>
4322 limestone	896	—	896
4331 sand & gravel	22	22	—

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
1993	56,982	1996	67,111	1999	67,912	<b>2002</b>	<b>68,697</b>
1994	63,963	1997	68,211	2000	73,490		
1995	68,555	1998	71,970	2001	68,035		

Freight Traffic, 2002 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Through		Through	
		Upbound*	Downbnd	Upbound	Downbnd*
<b>Total, all commodities</b>	<b>31,520</b>	<b>1,737</b>	<b>2,628</b>	<b>7,837</b>	<b>19,317</b>
<b>Total coal</b>	<b>11,872</b>	<b>—</b>	<b>—</b>	<b>4,878</b>	<b>6,994</b>
1100 coal lignite	11,814	—	—	4,878	6,936
1200 coal coke	58	—	—	—	58
<b>Total petroleum and petroleum products</b>	<b>861</b>	<b>—</b>	<b>45</b>	<b>138</b>	<b>678</b>
<b>Subtotal crude petroleum</b>	<b>11</b>	<b>—</b>	<b>—</b>	<b>11</b>	<b>—</b>
2100 crude petroleum	11	—	—	11	—

CHANNELS IN LAKE ST. CLAIR  
Freight Traffic, 2002 - continued  
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Through		Through	
		Upbound*	Downbnd	Upbound	Downbnd*
<b>Subtotal petroleum products</b>	<b>850</b>	—	<b>45</b>	<b>127</b>	<b>678</b>
2211 gasoline	58	—	—	58	—
2330 distillate fuel oil	130	—	—	5	125
2340 residual fuel oil	57	—	—	15	41
2350 lube oil & greases	7	—	—	7	—
2430 asphalt, tar & pitch	19	—	—	—	19
2540 petroleum coke	579	—	45	42	493
<b>Total chemicals and related products</b>	<b>1,092</b>	<b>7</b>	<b>8</b>	<b>105</b>	<b>972</b>
<b>Subtotal fertilizers</b>	<b>166</b>	—	—	—	<b>166</b>
3110 nitrogenous fert.	9	—	—	—	9
3130 potassic fert.	157	—	—	—	157
<b>Subtotal other chemicals and related products</b>	<b>926</b>	<b>7</b>	<b>8</b>	<b>105</b>	<b>806</b>
3212 benzene & toluene	30	—	—	—	30
3219 other hydrocarbons	20	7	—	—	13
3274 sodium hydroxide	57	—	—	57	—
3275 inorg. elem., oxides, & halogen salts	190	—	—	14	175
3276 metallic salts	596	—	8	27	560
3282 pigments & paints	13	0	—	—	13
3299 chem. products nec	21	—	—	7	14
<b>Total crude materials, inedible except fuels</b>	<b>9,881</b>	<b>276</b>	<b>110</b>	<b>1,776</b>	<b>7,720</b>
<b>Subtotal forest products, wood and chips</b>	<b>103</b>	<b>30</b>	—	—	<b>73</b>
4170 wood in the rough	11	11	—	—	—
4189 lumber	92	20	—	—	73
<b>Subtotal pulp and waste paper</b>	<b>161</b>	<b>156</b>	—	<b>6</b>	—
4225 pulp & waste paper	161	156	—	6	—
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>1,907</b>	—	—	<b>25</b>	<b>1,882</b>
4310 building stone	25	—	—	25	—
4322 limestone	1,064	—	—	—	1,064
4331 sand & gravel	819	—	—	—	819
<b>Subtotal iron ore and scrap</b>	<b>5,009</b>	<b>3</b>	—	<b>1,006</b>	<b>4,000</b>
4410 iron ore	4,994	3	—	1,002	3,989
4420 iron & steel scrap	14	—	—	4	10
<b>Subtotal non-ferrous ores and scrap</b>	<b>172</b>	<b>59</b>	—	—	<b>113</b>
4650 aluminum ore	59	59	—	—	—
4690 non-ferrous ores nec	113	—	—	—	113
<b>Subtotal sulphur, clay and salt</b>	<b>630</b>	<b>23</b>	<b>110</b>	<b>17</b>	<b>481</b>
4741 sulphur, (dry)	57	—	—	—	57
4782 clay & refrac. mat.	573	23	110	17	424
<b>Subtotal slag</b>	<b>295</b>	—	—	<b>240</b>	<b>55</b>
4860 slag	295	—	—	240	55
<b>Subtotal other non-metal. min.</b>	<b>1,603</b>	<b>4</b>	—	<b>482</b>	<b>1,117</b>
4900 non-metal. min. nec	1,603	4	—	482	1,117
<b>Total primary manufactured goods</b>	<b>3,558</b>	<b>1,419</b>	—	<b>810</b>	<b>1,330</b>
<b>Subtotal lime, cement and glass</b>	<b>1,945</b>	<b>83</b>	—	<b>645</b>	<b>1,217</b>
5220 cement & concrete	1,934	83	—	645	1,206
5240 glass & glass prod.	0	0	—	—	—
5290 misc. mineral prod.	11	0	—	—	11
<b>Subtotal primary iron and steel products</b>	<b>1,342</b>	<b>1,139</b>	—	<b>109</b>	<b>93</b>
5312 pig iron	228	122	—	98	7
5315 ferro alloys	14	14	—	—	—
5320 i&s primary forms	415	407	—	8	0
5330 i&s plates & sheets	525	456	—	—	69
5360 i&s bars & shapes	136	133	—	3	—
5370 i&s pipe & tube	8	8	—	—	—
5390 primary i&s nec	17	0	—	—	16
<b>Subtotal primary non-ferrous metal products</b>	<b>233</b>	<b>158</b>	—	<b>56</b>	<b>19</b>
5422 aluminum	1	1	—	—	—
5429 smelted prod. nec	1	1	—	—	—
5480 fab. metal products	231	157	—	56	19
<b>Subtotal primary wood products</b>	<b>38</b>	<b>38</b>	—	—	—
5540 primary wood prod.	38	38	—	—	—
<b>Total food and farm products</b>	<b>4,224</b>	<b>21</b>	<b>2,465</b>	<b>114</b>	<b>1,623</b>
<b>Subtotal grain</b>	<b>2,629</b>	<b>21</b>	<b>1,789</b>	<b>73</b>	<b>746</b>
6241 wheat	1,921	—	1,545	—	376
6344 corn	666	—	225	73	367
6443 barley & rye	19	—	19	—	—
6445 oats	24	21	—	—	3
<b>Subtotal oilseeds</b>	<b>1,393</b>	—	<b>527</b>	<b>6</b>	<b>859</b>
6522 soybeans	1,316	—	450	6	859
6534 flaxseed	77	—	77	—	—
<b>Subtotal vegetable products</b>	<b>2</b>	—	<b>2</b>	—	—
6654 vegetables & prod.	2	—	2	—	—
<b>Subtotal processed grain and animal feed</b>	<b>161</b>	—	<b>113</b>	<b>30</b>	<b>18</b>
6747 grain mill products	40	—	22	—	18
6782 animal feed, prep.	121	—	91	30	—
<b>Subtotal other agricultural products</b>	<b>39</b>	<b>0</b>	<b>34</b>	<b>4</b>	—
6838 tallow, animal oils	2	—	2	—	—
6885 alcoholic beverages	4	—	—	4	—
6889 food products nec	1	0	0	—	—
6899 farm products nec	32	—	32	—	—

CHANNELS IN LAKE ST. CLAIR  
Freight Traffic, 2002 - continued  
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Through		Through	
		Upbound*	Downbnd	Upbound	Downbnd*
<b>Total all manufactured equipment, machinery and products</b>	<b>31</b>	<b>14</b>	<b>---</b>	<b>16</b>	<b>1</b>
7110 machinery (not elec)	25	8	---	16	1
7120 electrical machinery	1	1	---	---	---
7210 vehicles & parts	4	4	---	---	---
7230 ships & boats	0	0	---	---	---
7900 manufac. prod. nec	0	0	---	---	---
<b>Total unknown or not elsewhere classified</b>	<b>1</b>	<b>1</b>	<b>---</b>	<b>0</b>	<b>---</b>
9900 unknown or nec	1	1	---	0	---
<b>Ton-miles (x1000) Foreign &amp; Canadian</b>	<b>567,358</b>	<b>31,271</b>	<b>47,307</b>	<b>141,070</b>	<b>347,710</b>

Commodity	Total	Domestic			
		Lakewise		Internal	
		Through		Through	
		Upbound	Downbnd	Upbound	Downbnd
<b>Total, all commodities</b>	<b>37,177</b>	<b>4,343</b>	<b>32,821</b>	<b>12</b>	<b>1</b>
<b>Total coal</b>	<b>4,734</b>	<b>3,606</b>	<b>1,128</b>	<b>---</b>	<b>---</b>
1100 coal lignite	4,677	3,606	1,072	---	---
1200 coal coke	56	---	56	---	---
<b>Total petroleum and petroleum products</b>	<b>435</b>	<b>210</b>	<b>212</b>	<b>12</b>	<b>---</b>
<b>Subtotal petroleum products</b>	<b>435</b>	<b>210</b>	<b>212</b>	<b>12</b>	<b>---</b>
2211 gasoline	6	6	---	---	---
2330 distillate fuel oil	50	40	5	5	---
2340 residual fuel oil	75	75	---	---	---
2430 asphalt, tar & pitch	169	38	131	---	---
2540 petroleum coke	106	23	75	8	---
2990 petro. products nec	28	28	---	---	---
<b>Total crude materials, inedible except fuels</b>	<b>30,854</b>	<b>527</b>	<b>30,327</b>	<b>---</b>	<b>---</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>8,627</b>	<b>238</b>	<b>8,389</b>	<b>---</b>	<b>---</b>
4322 limestone	8,281	238	8,043	---	---
4323 gypsum	159	---	159	---	---
4331 sand & gravel	187	0	187	---	---
<b>Subtotal iron ore and scrap</b>	<b>21,990</b>	<b>52</b>	<b>21,938</b>	<b>---</b>	<b>---</b>
4410 iron ore	21,990	52	21,938	---	---
<b>Subtotal slag</b>	<b>135</b>	<b>134</b>	<b>1</b>	<b>---</b>	<b>---</b>
4860 slag	135	134	1	---	---
<b>Subtotal other non-metal. min.</b>	<b>103</b>	<b>103</b>	<b>---</b>	<b>---</b>	<b>---</b>
4900 non-metal. min. nec	103	103	---	---	---
<b>Total primary manufactured goods</b>	<b>811</b>	<b>---</b>	<b>811</b>	<b>---</b>	<b>---</b>
<b>Subtotal lime, cement and glass</b>	<b>811</b>	<b>---</b>	<b>811</b>	<b>---</b>	<b>---</b>
5220 cement & concrete	811	---	811	---	---
<b>Total food and farm products</b>	<b>343</b>	<b>---</b>	<b>343</b>	<b>---</b>	<b>---</b>
<b>Subtotal grain</b>	<b>343</b>	<b>---</b>	<b>343</b>	<b>---</b>	<b>---</b>
6241 wheat	343	---	343	---	---
<b>Total all manufactured equipment, machinery and products</b>	<b>1</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>1</b>
7110 machinery (not elec)	1	---	---	---	1
<b>Ton-miles (x1000) Domestic</b>	<b>669,182</b>	<b>78,173</b>	<b>590,777</b>	<b>223</b>	<b>9</b>

Tons All Traffic (x1000) 68,697  
Ton-miles All Traffic (x1000) 1,236,539  
Total Trip-ton-miles Internal and Intraport (x1000) 10,100

\*Includes 5,436 tons of foreign upbound through in-transits; Includes 19,901 tons of Canadian downbound through in-transits.

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
1993	62,662	1996	75,023	1999	75,242	<b>2002</b>	<b>74,653</b>
1994	72,027	1997	75,939	2000	80,508		
1995	73,502	1998	82,842	2001	74,278		

Freight Traffic, 2002 (thousand short tons)

Commodity	Total	Foreign				Canadian			
		Inbound*	Outbound	Through Upbound*	Downbnd	Inbound	Outbound	Through Upbound	Downbnd*
<b>Total, all commodities</b>	<b>35,423</b>	<b>621</b>	<b>58</b>	<b>1,737</b>	<b>2,628</b>	<b>3,581</b>	<b>150</b>	<b>8,561</b>	<b>18,088</b>
<b>Total coal</b>	<b>12,041</b>	—	<b>55</b>	—	—	<b>506</b>	—	<b>4,964</b>	<b>6,515</b>
1100 coal lignite	11,900	—	—	—	—	479	—	4,964	6,457
1200 coal coke	141	—	55	—	—	28	—	—	58
<b>Total petroleum and petroleum products</b>	<b>911</b>	—	—	—	<b>45</b>	<b>115</b>	<b>10</b>	<b>138</b>	<b>603</b>
<b>Subtotal crude petroleum</b>	<b>11</b>	—	—	—	—	—	—	<b>11</b>	—
2100 crude petroleum	11	—	—	—	—	—	—	11	—
<b>Subtotal petroleum products</b>	<b>900</b>	—	—	—	<b>45</b>	<b>115</b>	<b>10</b>	<b>127</b>	<b>603</b>
2211 gasoline	58	—	—	—	—	—	—	58	—
2330 distillate fuel oil	133	—	—	—	—	41	—	8	84
2340 residual fuel oil	63	—	—	—	—	21	10	12	21
2350 lube oil & greases	7	—	—	—	—	—	—	7	—
2430 asphalt, tar & pitch	19	—	—	—	—	13	—	—	5
2540 petroleum coke	620	—	—	—	45	40	—	42	493
<b>Total chemicals and related products</b>	<b>1,420</b>	<b>0</b>	—	<b>7</b>	<b>8</b>	<b>132</b>	<b>57</b>	<b>214</b>	<b>1,002</b>
<b>Subtotal fertilizers</b>	<b>166</b>	—	—	—	—	<b>9</b>	—	—	<b>157</b>
3110 nitrogenous fert.	9	—	—	—	—	9	—	—	—
3130 potassic fert.	157	—	—	—	—	—	—	—	157
<b>Subtotal other chemicals and related products</b>	<b>1,253</b>	<b>0</b>	—	<b>7</b>	<b>8</b>	<b>123</b>	<b>57</b>	<b>214</b>	<b>845</b>
3212 benzene & toluene	30	—	—	—	—	—	—	—	30
3219 other hydrocarbons	20	—	—	7	—	—	—	—	13
3230 carboxylic acids	5	—	—	—	—	—	—	—	5
3274 sodium hydroxide	57	—	—	—	—	—	—	57	—
3275 inorg. elem., oxides, & halogen salts	220	—	—	—	—	—	19	21	180
3276 metallic salts	645	—	—	—	8	—	11	27	598
3282 pigments & paints	13	0	—	0	—	—	—	—	13
3292 starches, gluten, glue	13	—	—	—	—	13	—	—	—
3299 chem. products nec	251	—	—	—	—	109	26	109	7
<b>Total crude materials, inedible except fuels</b>	<b>12,178</b>	—	—	<b>276</b>	<b>110</b>	<b>1,728</b>	<b>74</b>	<b>2,313</b>	<b>7,678</b>
<b>Subtotal forest products, wood and chips</b>	<b>103</b>	—	—	<b>30</b>	—	<b>73</b>	—	—	—
4170 wood in the rough	11	—	—	11	—	—	—	—	—
4189 lumber	92	—	—	20	—	73	—	—	—
<b>Subtotal pulp and waste paper</b>	<b>161</b>	—	—	<b>156</b>	—	—	—	<b>6</b>	—
4225 pulp & waste paper	161	—	—	156	—	—	—	6	—
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>2,676</b>	—	—	—	—	<b>202</b>	—	<b>451</b>	<b>2,024</b>
4310 building stone	25	—	—	—	—	—	—	25	—
4322 limestone	1,324	—	—	—	—	—	—	260	1,064
4331 sand & gravel	1,327	—	—	—	—	202	—	165	960
<b>Subtotal iron ore and scrap</b>	<b>5,378</b>	—	—	<b>3</b>	—	<b>380</b>	<b>4</b>	<b>1,002</b>	<b>3,989</b>
4410 iron ore	5,364	—	—	3	—	369	—	1,002	3,989
4420 iron & steel scrap	14	—	—	—	—	10	4	—	—
<b>Subtotal non-ferrous ores and scrap</b>	<b>172</b>	—	—	<b>59</b>	—	—	—	—	<b>113</b>
4650 aluminum ore	59	—	—	59	—	—	—	—	—
4690 non-ferrous ores nec	113	—	—	—	—	—	—	—	113
<b>Subtotal sulphur, clay and salt</b>	<b>729</b>	—	—	<b>23</b>	<b>110</b>	<b>149</b>	—	<b>30</b>	<b>419</b>
4741 sulphur, (dry)	57	—	—	—	—	—	—	—	57
4782 clay & refrac. mat.	672	—	—	23	110	149	—	30	362
<b>Subtotal slag</b>	<b>571</b>	—	—	—	—	<b>331</b>	—	<b>240</b>	—
4860 slag	571	—	—	—	—	331	—	240	—
<b>Subtotal other non-metal. min.</b>	<b>2,387</b>	—	—	<b>4</b>	—	<b>594</b>	<b>70</b>	<b>584</b>	<b>1,134</b>
4900 non-metal. min. nec	2,387	—	—	4	—	594	70	584	1,134

DETROIT RIVER, MI  
Freight Traffic, 2002 - continued  
(thousand short tons)

Commodity	Total	Foreign				Canadian			
		Inbound*	Outbound	Through Upbound* Downbnd	Inbound	Outbound	Through Upbound Downbnd*		
<b>Total primary manufactured goods</b>	<b>4,509</b>	<b>619</b>	<b>---</b>	<b>1,419</b>	<b>---</b>	<b>1,008</b>	<b>8</b>	<b>803</b>	<b>652</b>
<b>Subtotal lime, cement and glass</b>	<b>2,211</b>	<b>---</b>	<b>---</b>	<b>83</b>	<b>---</b>	<b>915</b>	<b>---</b>	<b>645</b>	<b>568</b>
5220 cement & concrete	2,192	---	---	83	---	915	---	645	549
5240 glass & glass prod.	0	---	---	0	---	---	---	---	---
5290 misc. mineral prod.	19	---	---	0	---	---	---	---	19
<b>Subtotal primary iron and steel products</b>	<b>1,914</b>	<b>533</b>	<b>---</b>	<b>1,139</b>	<b>---</b>	<b>80</b>	<b>8</b>	<b>102</b>	<b>52</b>
5312 pig iron	236	---	---	122	---	---	---	98	16
5315 ferro alloys	14	---	---	14	---	---	---	---	---
5320 i&s primary forms	575	160	---	407	---	0	8	1	---
5330 i&s plates & sheets	791	260	---	456	---	72	---	---	3
5360 i&s bars & shapes	262	107	---	133	---	5	---	3	14
5370 i&s pipe & tube	19	5	---	8	---	3	---	---	3
5390 primary i&s nec	17	0	---	0	---	---	---	---	16
<b>Subtotal primary non-ferrous metal products</b>	<b>345</b>	<b>86</b>	<b>---</b>	<b>158</b>	<b>---</b>	<b>13</b>	<b>---</b>	<b>56</b>	<b>32</b>
5422 aluminum	1	0	---	1	---	---	---	---	---
5429 smelted prod. nec	20	19	---	1	---	---	---	---	---
5480 fab. metal products	325	67	---	157	---	13	---	56	32
<b>Subtotal primary wood products</b>	<b>38</b>	<b>---</b>	<b>---</b>	<b>38</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>
5540 primary wood prod.	38	---	---	38	---	---	---	---	---
<b>Total food and farm products</b>	<b>4,240</b>	<b>---</b>	<b>2</b>	<b>21</b>	<b>2,465</b>	<b>---</b>	<b>---</b>	<b>114</b>	<b>1,637</b>
<b>Subtotal grain</b>	<b>2,643</b>	<b>---</b>	<b>---</b>	<b>21</b>	<b>1,789</b>	<b>---</b>	<b>---</b>	<b>73</b>	<b>760</b>
6241 wheat	1,921	---	---	---	1,545	---	---	---	376
6344 corn	680	---	---	---	225	---	---	73	381
6443 barley & rye	19	---	---	---	19	---	---	---	---
6445 oats	24	---	---	21	---	---	---	---	3
<b>Subtotal oilseeds</b>	<b>1,393</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>527</b>	<b>---</b>	<b>---</b>	<b>6</b>	<b>859</b>
6522 soybeans	1,316	---	---	---	450	---	---	6	859
6534 flaxseed	77	---	---	---	77	---	---	---	---
<b>Subtotal vegetable products</b>	<b>2</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>2</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>
6654 vegetables & prod.	2	---	---	---	2	---	---	---	---
<b>Subtotal processed grain and animal feed</b>	<b>161</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>113</b>	<b>---</b>	<b>---</b>	<b>30</b>	<b>18</b>
6747 grain mill products	40	---	---	---	22	---	---	---	18
6782 animal feed, prep.	121	---	---	---	91	---	---	30	---
<b>Subtotal other agricultural products</b>	<b>41</b>	<b>---</b>	<b>2</b>	<b>---</b>	<b>34</b>	<b>---</b>	<b>---</b>	<b>4</b>	<b>---</b>
6838 tallow, animal oils	4	---	2	---	2	---	---	---	---
6885 alcoholic beverages	4	---	---	---	---	---	---	4	---
6889 food products nec	1	---	---	0	0	---	---	---	---
6899 farm products nec	32	---	---	---	32	---	---	---	---
<b>Total all manufactured equipment, machinery and products</b>	<b>124</b>	<b>2</b>	<b>0</b>	<b>14</b>	<b>---</b>	<b>92</b>	<b>---</b>	<b>16</b>	<b>1</b>
7110 machinery (not elec)	119	2	0	8	---	92	---	16	1
7120 electrical machinery	1	---	---	1	---	---	---	---	---
7210 vehicles & parts	4	0	---	4	---	---	---	---	---
7230 ships & boats	0	---	---	0	---	---	---	---	---
7900 manufac. prod. nec	0	0	---	0	---	---	---	---	---
<b>Total unknown or not elsewhere classified</b>	<b>1</b>	<b>0</b>	<b>---</b>	<b>1</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>0</b>	<b>---</b>
9900 unknown or nec	1	0	---	1	---	---	---	0	---
<b>Ton-miles Foreign &amp; Canadian (x1000)</b>	<b>1,027,805</b>	<b>11,778</b>	<b>1,421</b>	<b>53,856</b>	<b>81,472</b>	<b>50,542</b>	<b>2,616</b>	<b>265,393</b>	<b>560,727</b>

Commodity	Total	Lakewise			
		Receipts	Shipments	Through Upbound Downbnd	
<b>Total, all commodities</b>	<b>39,047</b>	<b>12,024</b>	<b>696</b>	<b>4,110</b>	<b>22,218</b>
<b>Total coal</b>	<b>5,819</b>	<b>1,085</b>	<b>---</b>	<b>3,606</b>	<b>1,128</b>
1100 coal lignite	5,763	1,085	---	3,606	1,072
1200 coal coke	56	---	---	---	56
<b>Total petroleum and petroleum products</b>	<b>935</b>	<b>92</b>	<b>533</b>	<b>105</b>	<b>204</b>
<b>Subtotal petroleum products</b>	<b>935</b>	<b>92</b>	<b>533</b>	<b>105</b>	<b>204</b>
2211 gasoline	6	---	---	6	---
2330 distillate fuel oil	130	84	12	29	5
2340 residual fuel oil	78	---	35	43	---
2430 asphalt, tar & pitch	594	---	463	---	131
2540 petroleum coke	99	8	23	---	67



DETROIT RIVER, MI  
Freight Traffic, 2002 - continued  
(thousand short tons)

Commodity	Total	Lakewise			
		Receipts	Shipments	Through	
				Upbound	Downbnd
2990 petro. products nec	28	—	—	28	—
<b>Total crude materials, inedible except fuels</b>	<b>31,128</b>	<b>10,444</b>	<b>151</b>	<b>399</b>	<b>20,134</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>8,834</b>	<b>2,738</b>	<b>23</b>	<b>238</b>	<b>5,835</b>
4322 limestone	8,478	2,728	23	238	5,489
4323 gypsum	159	—	—	—	159
4331 sand & gravel	197	10	0	—	187
<b>Subtotal iron ore and scrap</b>	<b>21,990</b>	<b>7,638</b>	<b>52</b>	<b>—</b>	<b>14,300</b>
4410 iron ore	21,990	7,638	52	—	14,300
<b>Subtotal slag</b>	<b>135</b>	<b>1</b>	<b>—</b>	<b>134</b>	<b>—</b>
4860 slag	135	1	—	134	—
<b>Subtotal other non-metal. min.</b>	<b>170</b>	<b>67</b>	<b>76</b>	<b>27</b>	<b>—</b>
4900 non-metal. min. nec	170	67	76	27	—
<b>Total primary manufactured goods</b>	<b>823</b>	<b>402</b>	<b>12</b>	<b>—</b>	<b>409</b>
<b>Subtotal lime, cement and glass</b>	<b>823</b>	<b>402</b>	<b>12</b>	<b>—</b>	<b>409</b>
5220 cement & concrete	823	402	12	—	409
<b>Total food and farm products</b>	<b>343</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>343</b>
<b>Subtotal grain</b>	<b>343</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>343</b>
6241 wheat	343	—	—	—	343
<b>Ton-miles (x1000)</b>	<b>1,069,569</b>	<b>240,023</b>	<b>13,387</b>	<b>127,415</b>	<b>688,743</b>
<b>Lakewise</b>					

Commodity	Total	Internal				
		Outbound Upbound	Through		Intra Downbnd	
			Upbound	Downbnd		
<b>Total, all commodities</b>	<b>182</b>	<b>8</b>	<b>5</b>	<b>1</b>	<b>85</b>	<b>85</b>
<b>Total petroleum and petroleum products</b>	<b>182</b>	<b>8</b>	<b>5</b>	<b>—</b>	<b>85</b>	<b>85</b>
<b>Subtotal petroleum products</b>	<b>182</b>	<b>8</b>	<b>5</b>	<b>—</b>	<b>85</b>	<b>85</b>
2330 distillate fuel oil	9	—	5	—	4	—
2340 residual fuel oil	19	—	—	—	7	12
2430 asphalt, tar & pitch	146	—	—	—	74	73
2540 petroleum coke	8	8	—	—	—	—
<b>Total all manufactured equipment, machinery and products</b>	<b>1</b>	<b>—</b>	<b>—</b>	<b>1</b>	<b>—</b>	<b>—</b>
7110 machinery (not elec)	1	—	—	1	—	—
<b>Ton-miles (x1000)</b>	<b>2,161</b>	<b>86</b>	<b>142</b>	<b>16</b>	<b>244</b>	<b>1,673</b>
<b>Internal</b>						

**Tons All Traffic (x1000)** 74,653  
**Ton-miles All Traffic (x1000)** 2,099,535  
**Total Trip-ton-miles Internal and Intraport (x1000)** 10,273

\*Includes 2,426 tons of foreign inbound in-transits; Includes 5,436 tons of foreign upbound through in-transits;  
Includes 19,901 tons of Canadian downbound through in-transits.

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
1993	8,083	1996	8,224	1999	8,257	<b>2002</b>	<b>5,810</b>
1994	7,501	1997	5,689	2000	7,116		
1995	5,284	1998	5,882	2001	6,053		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic			
		Inbound*	Outbound	Inbound	Outbound	Total	Lakewise		Internal Receipts
							Receipts	Shipments	
<b>Total, all commodities</b>	<b>5,810</b>	<b>275</b>	<b>55</b>	<b>609</b>	<b>19</b>	<b>4,851</b>	<b>4,835</b>	<b>12</b>	<b>4</b>
<b>Total coal</b>	<b>487</b>	<b>—</b>	<b>55</b>	<b>31</b>	<b>—</b>	<b>400</b>	<b>400</b>	<b>—</b>	<b>—</b>
1100 coal lignite	431	—	—	31	—	400	400	—	—
1200 coal coke	55	—	55	—	—	—	—	—	—

DETROIT HARBOR, MI (INCLUDED IN PORT OF DETROIT)  
Freight Traffic, 2002 - continued  
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic			
		Inbound*	Outbound	Inbound	Outbound	Total	Lakewise		Internal Receipts
							Receipts	Shipments	
<b>Total petroleum and petroleum products</b>	<b>38</b>	---	---	<b>34</b>	---	<b>4</b>	---	---	<b>4</b>
<b>Subtotal petroleum products</b>	<b>38</b>	---	---	<b>34</b>	---	<b>4</b>	---	---	<b>4</b>
2330 distillate fuel oil	9	---	---	5	---	4	---	---	4
2340 residual fuel oil	5	---	---	5	---	---	---	---	---
2430 asphalt, tar & pitch	4	---	---	4	---	---	---	---	---
2540 petroleum coke	20	---	---	20	---	---	---	---	---
<b>Total chemicals and related products</b>	<b>74</b>	<b>0</b>	---	<b>63</b>	<b>11</b>	---	---	---	---
<b>Subtotal fertilizers</b>	<b>9</b>	---	---	<b>9</b>	---	---	---	---	---
3110 nitrogenous fert.	9	---	---	9	---	---	---	---	---
<b>Subtotal other chemicals and related products</b>	<b>65</b>	<b>0</b>	---	<b>54</b>	<b>11</b>	---	---	---	---
3276 metallic salts	11	---	---	---	11	---	---	---	---
3282 pigments & paints	0	0	---	---	---	---	---	---	---
3292 starches, gluten, glue	13	---	---	13	---	---	---	---	---
3299 chem. products nec	40	---	---	40	---	---	---	---	---
<b>Total crude materials, inedible except fuels</b>	<b>4,404</b>	---	---	<b>372</b>	---	<b>4,032</b>	<b>4,032</b>	<b>0</b>	---
<b>Subtotal forest products, wood and chips</b>	<b>73</b>	---	---	<b>73</b>	---	---	---	---	---
4189 lumber	73	---	---	73	---	---	---	---	---
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>553</b>	---	---	<b>41</b>	---	<b>512</b>	<b>512</b>	<b>0</b>	---
4322 limestone	502	---	---	---	---	502	502	---	---
4331 sand & gravel	51	---	---	41	---	10	10	0	---
<b>Subtotal iron ore and scrap</b>	<b>3,489</b>	---	---	<b>36</b>	---	<b>3,453</b>	<b>3,453</b>	---	---
4410 iron ore	3,479	---	---	26	---	3,453	3,453	---	---
4420 iron & steel scrap	10	---	---	10	---	---	---	---	---
<b>Subtotal sulphur, clay and salt</b>	<b>32</b>	---	---	<b>32</b>	---	---	---	---	---
4782 clay & refrac. mat.	32	---	---	32	---	---	---	---	---
<b>Subtotal slag</b>	<b>83</b>	---	---	<b>83</b>	---	<b>1</b>	<b>1</b>	---	---
4860 slag	83	---	---	83	---	1	1	---	---
<b>Subtotal other non-metal. min.</b>	<b>174</b>	---	---	<b>107</b>	---	<b>67</b>	<b>67</b>	---	---
4900 non-metal. min. nec	174	---	---	107	---	67	67	---	---
<b>Total primary manufactured goods</b>	<b>806</b>	<b>274</b>	---	<b>109</b>	<b>8</b>	<b>414</b>	<b>402</b>	<b>12</b>	---
<b>Subtotal lime, cement and glass</b>	<b>518</b>	---	---	<b>104</b>	---	<b>414</b>	<b>402</b>	<b>12</b>	---
5220 cement & concrete	518	---	---	104	---	414	402	12	---
<b>Subtotal primary iron and steel products</b>	<b>285</b>	<b>272</b>	---	<b>5</b>	<b>8</b>	---	---	---	---
5320 i&s primary forms	27	19	---	0	8	---	---	---	---
5330 i&s plates & sheets	194	189	---	5	---	---	---	---	---
5360 i&s bars & shapes	63	63	---	---	---	---	---	---	---
5370 i&s pipe & tube	0	0	---	---	---	---	---	---	---
5390 primary i&s nec	0	0	---	---	---	---	---	---	---
<b>Subtotal primary non-ferrous metal products</b>	<b>3</b>	<b>3</b>	---	---	---	---	---	---	---
5422 aluminum	0	0	---	---	---	---	---	---	---
5480 fab. metal products	3	3	---	---	---	---	---	---	---
<b>Total all manufactured equipment, machinery and products</b>	<b>1</b>	<b>1</b>	---	---	---	---	---	---	---
7110 machinery (not elec)	1	1	---	---	---	---	---	---	---
7210 vehicles & parts	0	0	---	---	---	---	---	---	---
7900 manufac. prod. nec	0	0	---	---	---	---	---	---	---
<b>Total unknown or not elsewhere classified</b>	<b>0</b>	<b>0</b>	---	---	---	---	---	---	---
9900 unknown or nec	0	0	---	---	---	---	---	---	---

\*Includes 394 tons of foreign inbound in-transits.

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
1993	7,072	1996	9,307	1999	8,190	<b>2002</b>	<b>10,018</b>
1994	8,569	1997	11,996	2000	9,243		
1995	11,372	1998	12,626	2001	10,036		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Canadian		Domestic			Internal	
		Inbound	Outbound	Total	Lakewise		Shipments	Intraport
					Receipts	Shipments		
<b>Total, all commodities</b>	<b>10,018</b>	<b>2,131</b>	<b>130</b>	<b>7,757</b>	<b>6,896</b>	<b>684</b>	<b>12</b>	<b>166</b>
<b>Total coal</b>	<b>701</b>	<b>176</b>	<b>—</b>	<b>525</b>	<b>525</b>	<b>—</b>	<b>—</b>	<b>—</b>
1100 coal lignite	674	149	—	525	525	—	—	—
1200 coal coke	28	28	—	—	—	—	—	—
<b>Total petroleum and petroleum products</b>	<b>873</b>	<b>60</b>	<b>10</b>	<b>802</b>	<b>92</b>	<b>533</b>	<b>12</b>	<b>166</b>
<b>Subtotal petroleum products</b>	<b>873</b>	<b>60</b>	<b>10</b>	<b>802</b>	<b>92</b>	<b>533</b>	<b>12</b>	<b>166</b>
2330 distillate fuel oil	135	35	—	100	84	12	4	—
2340 residual fuel oil	81	16	10	55	—	35	—	19
2430 asphalt, tar & pitch	618	9	—	609	—	463	—	146
2540 petroleum coke	39	—	—	39	8	23	8	—
<b>Total chemicals and related products</b>	<b>115</b>	<b>69</b>	<b>46</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>Subtotal other chemicals and related products</b>	<b>115</b>	<b>69</b>	<b>46</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
3275 inorg. elem., oxides, & halogen salts	19	—	19	—	—	—	—	—
3299 chem. products nec	96	69	26	—	—	—	—	—
<b>Total crude materials, inedible except fuels</b>	<b>7,443</b>	<b>939</b>	<b>74</b>	<b>6,430</b>	<b>6,279</b>	<b>151</b>	<b>—</b>	<b>—</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>2,179</b>	<b>62</b>	<b>—</b>	<b>2,116</b>	<b>2,093</b>	<b>23</b>	<b>—</b>	<b>—</b>
4322 limestone	2,116	—	—	2,116	2,093	23	—	—
4331 sand & gravel	62	62	—	—	—	—	—	—
<b>Subtotal iron ore and scrap</b>	<b>4,531</b>	<b>289</b>	<b>4</b>	<b>4,237</b>	<b>4,185</b>	<b>52</b>	<b>—</b>	<b>—</b>
4410 iron ore	4,527	289	—	4,237	4,185	52	—	—
4420 iron & steel scrap	4	—	4	—	—	—	—	—
<b>Subtotal sulphur, clay and salt</b>	<b>17</b>	<b>17</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
4782 clay & refrac. mat.	17	17	—	—	—	—	—	—
<b>Subtotal slag</b>	<b>220</b>	<b>220</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
4860 slag	220	220	—	—	—	—	—	—
<b>Subtotal other non-metal. min.</b>	<b>497</b>	<b>351</b>	<b>70</b>	<b>76</b>	<b>—</b>	<b>76</b>	<b>—</b>	<b>—</b>
4900 non-metal. min. nec	497	351	70	76	—	76	—	—
<b>Total primary manufactured goods</b>	<b>816</b>	<b>816</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>Subtotal lime, cement and glass</b>	<b>811</b>	<b>811</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
5220 cement & concrete	811	811	—	—	—	—	—	—
<b>Subtotal primary iron and steel products</b>	<b>5</b>	<b>5</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
5330 i&s plates & sheets	5	5	—	—	—	—	—	—
<b>Total all manufactured equipment, machinery and products</b>	<b>70</b>	<b>70</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
7110 machinery (not elec)	70	70	—	—	—	—	—	—

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
1993	276	1996	797	1999	303	<b>2002</b>	<b>1,105</b>
1994	712	1997	375	2000	610		
1995	549	1998	843	2001	703		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic
		Inbound*	Outbound	Inbound	Outbound	Lakewise Receipts
<b>Total, all commodities</b>	<b>1,105</b>	<b>182</b>	<b>2</b>	<b>791</b>	<b>1</b>	<b>129</b>
<b>Total coal</b>	<b>299</b>	<b>—</b>	<b>—</b>	<b>299</b>	<b>—</b>	<b>—</b>
1100 coal lignite	299	—	—	299	—	—

ECORSE, MI (INCLUDED IN PORT OF DETROIT)  
Freight Traffic, 2002 - continued  
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic
		Inbound*	Outbound	Inbound	Outbound	Lakewise Receipts
<b>Total petroleum and petroleum products</b>	<b>21</b>	---	---	<b>21</b>	---	---
<b>Subtotal petroleum products</b>	<b>21</b>	---	---	<b>21</b>	---	---
2540 petroleum coke	21	---	---	21	---	---
<b>Total crude materials, inedible except fuels</b>	<b>546</b>	---	---	<b>417</b>	---	<b>129</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>228</b>	---	---	<b>99</b>	---	<b>129</b>
4322 limestone	129	---	---	---	---	129
4331 sand & gravel	99	---	---	99	---	---
<b>Subtotal iron ore and scrap</b>	<b>54</b>	---	---	<b>54</b>	---	---
4410 iron ore	54	---	---	54	---	---
<b>Subtotal sulphur, clay and salt</b>	<b>100</b>	---	---	<b>100</b>	---	---
4782 clay & refrac. mat.	100	---	---	100	---	---
<b>Subtotal slag</b>	<b>29</b>	---	---	<b>29</b>	---	---
4860 slag	29	---	---	29	---	---
<b>Subtotal other non-metal. min.</b>	<b>136</b>	---	---	<b>136</b>	---	---
4900 non-metal. min. nec	136	---	---	136	---	---
<b>Total primary manufactured goods</b>	<b>214</b>	<b>181</b>	---	<b>33</b>	<b>1</b>	---
<b>Subtotal primary iron and steel products</b>	<b>201</b>	<b>180</b>	---	<b>20</b>	<b>1</b>	---
5320 i&s primary forms	62	61	---	---	1	---
5330 i&s plates & sheets	83	70	---	13	---	---
5360 i&s bars & shapes	48	44	---	5	---	---
5370 i&s pipe & tube	8	5	---	3	---	---
<b>Subtotal primary non-ferrous metal products</b>	<b>13</b>	<b>0</b>	---	<b>13</b>	---	---
5422 aluminum	0	0	---	---	---	---
5480 fab. metal products	13	0	---	13	---	---
<b>Total food and farm products</b>	<b>2</b>	---	<b>2</b>	---	---	---
<b>Subtotal other agricultural products</b>	<b>2</b>	---	<b>2</b>	---	---	---
6838 tallow, animal oils	2	---	2	---	---	---
<b>Total all manufactured equipment, machinery and products</b>	<b>23</b>	<b>1</b>	<b>0</b>	<b>21</b>	---	---
7110 machinery (not elec)	23	1	0	21	---	---

\*Includes 2,032 tons of foreign inbound in-transits.

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
1993	17,422	1996	18,604	1999	16,948	<b>2002</b>	<b>17,306</b>
1994	18,718	1997	18,135	2000	17,295		
1995	18,661	1998	19,454	2001	16,991		

Freight Traffic, 2002 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound	Inbound	Outbound
<b>Total, all commodities</b>	<b>4,409</b>	<b>621</b>	<b>58</b>	<b>3,581</b>	<b>150</b>
<b>Total coal</b>	<b>562</b>	---	<b>55</b>	<b>506</b>	---
1100 coal lignite	479	---	---	479	---
1200 coal coke	83	---	55	28	---
<b>Total petroleum and petroleum products</b>	<b>125</b>	---	---	<b>115</b>	<b>10</b>
<b>Subtotal petroleum products</b>	<b>125</b>	---	---	<b>115</b>	<b>10</b>
2330 distillate fuel oil	41	---	---	41	---
2340 residual fuel oil	31	---	---	21	10
2430 asphalt, tar & pitch	13	---	---	13	---
2540 petroleum coke	40	---	---	40	---
<b>Total chemicals and related products</b>	<b>189</b>	<b>0</b>	---	<b>132</b>	<b>57</b>
<b>Subtotal fertilizers</b>	<b>9</b>	---	---	<b>9</b>	---
3110 nitrogenous fert.	9	---	---	9	---
<b>Subtotal other chemicals and related products</b>	<b>180</b>	<b>0</b>	---	<b>123</b>	<b>57</b>
3275 inorg. elem., oxides, & halogen salts	19	---	---	---	19
3276 metallic salts	11	---	---	---	11
3282 pigments & paints	0	0	---	---	---
3292 starches, gluten, glue	13	---	---	13	---
3299 chem. products nec	136	---	---	109	26
<b>Total crude materials, inedible except fuels</b>	<b>1,802</b>	---	---	<b>1,728</b>	<b>74</b>
<b>Subtotal forest products, wood and chips</b>	<b>73</b>	---	---	<b>73</b>	---
4189 lumber	73	---	---	73	---

PORT OF DETROIT, MI  
Freight Traffic, 2002 - continued  
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound	Inbound	Outbound
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>202</b>	—	—	<b>202</b>	—
4331 sand & gravel	202	—	—	202	—
<b>Subtotal iron ore and scrap</b>	<b>384</b>	—	—	<b>380</b>	<b>4</b>
4410 iron ore	369	—	—	369	—
4420 iron & steel scrap	14	—	—	10	4
<b>Subtotal sulphur, clay and salt</b>	<b>149</b>	—	—	<b>149</b>	—
4782 clay & refrac. mat.	149	—	—	149	—
<b>Subtotal slag</b>	<b>331</b>	—	—	<b>331</b>	—
4860 slag	331	—	—	331	—
<b>Subtotal other non-metal. min.</b>	<b>664</b>	—	—	<b>594</b>	<b>70</b>
4900 non-metal. min. nec	664	—	—	594	70
<b>Total primary manufactured goods</b>	<b>1,635</b>	<b>619</b>	—	<b>1,008</b>	<b>8</b>
<b>Subtotal lime, cement and glass</b>	<b>915</b>	—	—	<b>915</b>	—
5220 cement & concrete	915	—	—	915	—
<b>Subtotal primary iron and steel products</b>	<b>621</b>	<b>533</b>	—	<b>80</b>	<b>8</b>
5320 i&s primary forms	168	160	—	0	8
5330 i&s plates & sheets	332	260	—	72	—
5360 i&s bars & shapes	112	107	—	5	—
5370 i&s pipe & tube	8	5	—	3	—
5390 primary i&s nec	0	0	—	—	—
<b>Subtotal primary non-ferrous metal products</b>	<b>99</b>	<b>86</b>	—	<b>13</b>	—
5422 aluminum	0	0	—	—	—
5429 smelted prod. nec	19	19	—	—	—
5480 fab. metal products	80	67	—	13	—
<b>Total food and farm products</b>	<b>2</b>	—	<b>2</b>	—	—
<b>Subtotal other agricultural products</b>	<b>2</b>	—	<b>2</b>	—	—
6838 tallow, animal oils	2	—	2	—	—
<b>Total all manufactured equipment, machinery and products</b>	<b>94</b>	<b>2</b>	<b>0</b>	<b>92</b>	—
7110 machinery (not elec)	93	2	0	92	—
7210 vehicles & parts	0	0	—	—	—
7900 manufac. prod. nec	0	0	—	—	—
<b>Total unknown or not elsewhere classified</b>	<b>0</b>	<b>0</b>	—	—	—
9900 unknown or nec	0	0	—	—	—

Commodity	Total	Domestic			
		Lakewise		Internal	
		Receipts	Shipments	Shipments	Intraport
<b>Total, all commodities</b>	<b>12,897</b>	<b>12,024</b>	<b>696</b>	<b>8</b>	<b>170</b>
<b>Total coal</b>	<b>1,085</b>	<b>1,085</b>	—	—	—
1100 coal lignite	1,085	1,085	—	—	—
<b>Total petroleum and petroleum products</b>	<b>802</b>	<b>92</b>	<b>533</b>	<b>8</b>	<b>170</b>
<b>Subtotal petroleum products</b>	<b>802</b>	<b>92</b>	<b>533</b>	<b>8</b>	<b>170</b>
2330 distillate fuel oil	100	84	12	—	4
2340 residual fuel oil	55	—	35	—	19
2430 asphalt, tar & pitch	609	—	463	—	146
2540 petroleum coke	39	8	23	8	—
<b>Total crude materials, inedible except fuels</b>	<b>10,595</b>	<b>10,444</b>	<b>151</b>	—	—
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>2,761</b>	<b>2,738</b>	<b>23</b>	—	—
4322 limestone	2,751	2,728	23	—	—
4331 sand & gravel	10	10	0	—	—
<b>Subtotal iron ore and scrap</b>	<b>7,690</b>	<b>7,638</b>	<b>52</b>	—	—
4410 iron ore	7,690	7,638	52	—	—
<b>Subtotal slag</b>	<b>1</b>	<b>1</b>	—	—	—
4860 slag	1	1	—	—	—
<b>Subtotal other non-metal. min.</b>	<b>143</b>	<b>67</b>	<b>76</b>	—	—
4900 non-metal. min. nec	143	67	76	—	—
<b>Total primary manufactured goods</b>	<b>414</b>	<b>402</b>	<b>12</b>	—	—
<b>Subtotal lime, cement and glass</b>	<b>414</b>	<b>402</b>	<b>12</b>	—	—
5220 cement & concrete	414	402	12	—	—

\*Includes 2,426 tons of foreign inbound in-transits.

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
1993	1,078	1996	1,794	1999	1,771	<b>2002</b>	<b>1,008</b>
1994	2,035	1997	2,750	2000	915		
1995	1,920	1998	1,929	2001	766		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Canadian		Domestic		
		Inbound	Outbound	Total	Lakewise	Internal
				Receipts	Receipts	
<b>Total, all commodities</b>	<b>1,008</b>	<b>92</b>		<b>916</b>	<b>916</b>	<b>1</b>
<b>Total coal</b>	<b>817</b>			<b>817</b>	<b>817</b>	
1100 coal lignite	817			817	817	
<b>Total petroleum and petroleum products</b>	<b>99</b>			<b>99</b>	<b>99</b>	
<b>Subtotal petroleum products</b>	<b>99</b>			<b>99</b>	<b>99</b>	
2430 asphalt, tar & pitch	99			99	99	
<b>Total chemicals and related products</b>	<b>7</b>	<b>7</b>				
<b>Subtotal other chemicals and related products</b>	<b>7</b>	<b>7</b>				
3299 chem. products nec	7	7				
<b>Total crude materials, inedible except fuels</b>	<b>85</b>	<b>85</b>				
<b>Subtotal other non-metal. min.</b>	<b>85</b>	<b>85</b>				
4900 non-metal. min. nec	85	85				
<b>Total all manufactured equipment, machinery and products</b>	<b>1</b>			<b>1</b>		<b>1</b>
7110 machinery (not elec)	1			1		1

CALCITE, MI

NON-CORPS PROJECT

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1993	6,419	1996	8,669	1999	9,533	<b>2002</b>	<b>8,575</b>
1994	7,456	1997	10,036	2000	8,475		
1995	8,381	1998	9,389	2001	8,317		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Canadian		Domestic		
		Inbound	Outbound	Total	Lakewise	Shipments
				Receipts	Shipments	
<b>Total, all commodities</b>	<b>8,575</b>	<b>104</b>	<b>1,298</b>	<b>7,173</b>	<b>63</b>	<b>7,111</b>
<b>Total petroleum and petroleum products</b>	<b>83</b>	<b>73</b>		<b>10</b>	<b>10</b>	
<b>Subtotal petroleum products</b>	<b>83</b>	<b>73</b>		<b>10</b>	<b>10</b>	
2330 distillate fuel oil	73	73				
2990 petro. products nec	10			10	10	
<b>Total crude materials, inedible except fuels</b>	<b>8,493</b>	<b>31</b>	<b>1,298</b>	<b>7,164</b>	<b>53</b>	<b>7,111</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>8,436</b>		<b>1,273</b>	<b>7,164</b>	<b>53</b>	<b>7,111</b>
4322 limestone	8,436		1,273	7,164	53	7,111
<b>Subtotal sulphur, clay and salt</b>	<b>42</b>	<b>17</b>	<b>26</b>			
4782 clay & refrac. mat.	42	17	26			
<b>Subtotal other non-metal. min.</b>	<b>14</b>	<b>14</b>				
4900 non-metal. min. nec	14	14				

ESCANABA, MI  
NON-CORPS PROJECT

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1993	7,142	1996	9,253	1999	8,511	<b>2002</b>	<b>4,645</b>
1994	7,775	1997	7,261	2000	8,647		
1995	8,479	1998	8,530	2001	6,980		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Canadian		Domestic		
		Inbound	Outbound	Total	Lakewise	
				Receipts	Shipments	
<b>Total, all commodities</b>	<b>4,645</b>	<b>43</b>		<b>4,602</b>	<b>859</b>	<b>3,744</b>
<b>Total coal</b>	<b>386</b>	<b>—</b>		<b>386</b>	<b>386</b>	<b>—</b>
1100 coal lignite	386	—		386	386	—
<b>Total crude materials, inedible except fuels</b>	<b>4,259</b>	<b>43</b>		<b>4,217</b>	<b>473</b>	<b>3,744</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>473</b>	<b>—</b>		<b>473</b>	<b>473</b>	<b>—</b>
4322 limestone	473	—		473	473	—
<b>Subtotal iron ore and scrap</b>	<b>3,744</b>	<b>—</b>		<b>3,744</b>	<b>—</b>	<b>3,744</b>
4410 iron ore	3,744	—		3,744	—	3,744
<b>Subtotal other non-metal. min.</b>	<b>43</b>	<b>43</b>		<b>—</b>	<b>—</b>	<b>—</b>
4900 non-metal. min. nec	43	43		—	—	—

STONEPORT, MI  
NON-CORPS PROJECT

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1993	8,752	1996	7,990	1999	8,873	<b>2002</b>	<b>7,455</b>
1994	8,416	1997	8,101	2000	7,842		
1995	8,468	1998	9,114	2001	8,118		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Canadian		Domestic		
		Inbound	Outbound	Total	Lakewise	
				Receipts	Shipments	
<b>Total, all commodities</b>	<b>7,455</b>	<b>106</b>	<b>98</b>	<b>7,250</b>	<b>39</b>	<b>7,211</b>
<b>Total coal</b>	<b>8</b>	<b>8</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
1100 coal lignite	8	8	—	—	—	—
<b>Total crude materials, inedible except fuels</b>	<b>7,427</b>	<b>79</b>	<b>98</b>	<b>7,250</b>	<b>39</b>	<b>7,211</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>7,387</b>	<b>39</b>	<b>98</b>	<b>7,250</b>	<b>39</b>	<b>7,211</b>
4322 limestone	7,344	—	94	7,250	39	7,211
4331 sand & gravel	43	39	4	—	—	—
<b>Subtotal sulphur, clay and salt</b>	<b>40</b>	<b>40</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
4782 clay & refrac. mat.	40	40	—	—	—	—
<b>Total primary manufactured goods</b>	<b>19</b>	<b>19</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>Subtotal lime, cement and glass</b>	<b>19</b>	<b>19</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
5290 misc. mineral prod.	19	19	—	—	—	—

## Other Harbors and Waterways 2002

Harbor or Waterway Project	Commodity	Thousand Short Tons
ALGOMA HARBOR, WI	No Commerce Reported	
ALGONAC, MI (INCLUDED IN ST. CLAIR RIVER)	No Commerce Reported	
ASHLAND HARBOR, WI	1100 coal lignite	66
	<b>Total Tons(x1000)</b>	<b>66</b>
AU SABLE HARBOR AND RIVER (OSCODA), MI	No Commerce Reported	
BAYFIELD HARBOR, WI	2211 gasoline	0
	2330 distillate fuel oil	0
	2640 liquid natural gas	0
	4331 sand & gravel	0
	4338 soil & fill dirt	0
	7110 machinery (not elec)	0
	7900 manufac. prod. nec	11
	<b>Total Tons(x1000)</b>	<b>12</b>
BIG BAY HARBOR, MI	No Commerce Reported	
BLACK RIVER HARBOR, MI	No Commerce Reported	
CASEVILLE, MI	No Commerce Reported	
CEDAR RIVER HARBOR, MI	No Commerce Reported	
CHIPPEWA HARBOR (ISLE ROYALE), MI	No Commerce Reported	
CORNUCOPIA HARBOR, WI	No Commerce Reported	
DETOUR, MI AND VICINITY (INCLUDED IN ST. MARYS RIVER)	5540 primary wood prod.	4
	<b>Total Tons(x1000)</b>	<b>4</b>
DETROIT HARBOR, WI	2211 gasoline	0
	2330 distillate fuel oil	1
	2640 liquid natural gas	0
	4170 wood in the rough	0
	6134 fish (not shellfish)	0
	9900 unknown or nec	2
	<b>Total Tons(x1000)</b>	<b>4</b>
EAGLE HARBOR, MI	No Commerce Reported	
FRANKFORT HARBOR, MI	2430 asphalt, tar & pitch	92
	<b>Total Tons(x1000)</b>	<b>92</b>



## Other Harbors and Waterways 2002 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
GLADSTONE HARBOR, MI	1100 coal lignite	31
	2430 asphalt, tar & pitch	51
	4900 non-metal. min. nec	17
	<b>Total Tons(x1000)</b>	<b>99</b>
GRAND MARAIS HARBOR (HARBOR OF REFUGE), MI	No Commerce Reported	
GRAND MARAIS HARBOR, MN	No Commerce Reported	
GRAND TRAVERSE BAY HARBOR, MI	No Commerce Reported	
HARBOR BEACH, MI (HARBOR OF REFUGE, LAKE HURON)	1100 coal lignite	108
	4782 clay & refrac. mat.	16
	<b>Total Tons(x1000)</b>	<b>124</b>
HARRISVILLE HARBOR, MI (HARBOR OF REFUGE, LAKE HURON)	No Commerce Reported	
KENOSHA HARBOR, WI	No Commerce Reported	
KEWAUNEE HARBOR, WI	No Commerce Reported	
KEWEENAW WATERWAY, MI	No Commerce Reported	
KNIFE RIVER HARBOR, MN	No Commerce Reported	
LA POINTE HARBOR, WI	2211 gasoline	0
	2330 distillate fuel oil	0
	2640 liquid natural gas	0
	7900 manufac. prod. nec	11
	<b>Total Tons(x1000)</b>	<b>12</b>
LAC LA BELLE HARBOR, MI	No Commerce Reported	
LELAND HARBOR, MI	No Commerce Reported	
LIME ISLAND, MI (INCLUDED IN ST. MARYS RIVER)	No Commerce Reported	
MACKINAC HARBOR, MI	7900 manufac. prod. nec	10
	<b>Total Tons(x1000)</b>	<b>10</b>
MACKINAW CITY HARBOR, MI	No Commerce Reported	

## Other Harbors and Waterways 2002 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
MANISTIQUE HARBOR, MI	2211 gasoline	1
	2330 distillate fuel oil	1
	<b>Total Tons(x1000)</b>	<b>2</b>
NEW BUFFALO HARBOR MI	No Commerce Reported	
OCONTO HARBOR, WI	No Commerce Reported	
ONTONAGON HARBOR, MI	1100 coal lignite	112
	<b>Total Tons(x1000)</b>	<b>112</b>
PENSAUKEE HARBOR, WI	No Commerce Reported	
PENTWATER HARBOR, MI	No Commerce Reported	
PORT SANILAC HARBOR, MI	No Commerce Reported	
PORT WING HARBOR, WI	No Commerce Reported	
PORTAGE LAKE, MI HARBOR OF REFUGE	4335 waterway improv. mat	20
	<b>Total Tons(x1000)</b>	<b>20</b>
PUT-IN-BAY HARBOR, OH	2211 gasoline	1
	2330 distillate fuel oil	1
	4322 limestone	5
	9900 unknown or nec	1
	<b>Total Tons(x1000)</b>	<b>8</b>
RACINE HARBOR, WI	No Commerce Reported	
ROGERS CITY, MI	No Commerce Reported	
SAUGATUCK HARBOR AND KALAMAZOO RIVER, MI	No Commerce Reported	
SAULT STE. MARIE, MI (INCLUDED IN ST. MARYS RIVER)	4331 sand & gravel	40
	4900 non-metal. min. nec	52
	<b>Total Tons(x1000)</b>	<b>92</b>
SEBEWAING, MI	No Commerce Reported	
SHEBOYGAN HARBOR, WI	No Commerce Reported	

## Other Harbors and Waterways 2002 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
SOUTH HAVEN HARBOR, MI	No Commerce Reported	
ST. JAMES (BEAVER ISLAND), MI	2211 gasoline	1
	2330 distillate fuel oil	1
	9900 unknown or nec	18
	<b>Total Tons(x1000)</b>	<b>20</b>
STURGEON BAY AND LAKE MICHIGAN SHIP CANAL, WI	4322 limestone	23
	<b>Total Tons(x1000)</b>	<b>23</b>
	<b>Total Ton-miles(x1000)</b>	<b>182</b>
TRAVERSE CITY HARBOR, MI	2211 gasoline	172
	2330 distillate fuel oil	4
	2990 petro. products nec	2
	4335 waterway improv. mat	54
	<b>Total Tons(x1000)</b>	<b>232</b>
TRENTON, MI (INCLUDED IN PORT OF DETROIT)	1100 coal lignite	14
	5320 i&s primary forms	80
	5330 i&s plates & sheets	51
	5429 smelted prod. nec	19
	5480 fab. metal products	64
	<b>Total Tons(x1000)</b>	<b>227</b>
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	146
	4322 limestone	4
	<b>Total Tons(x1000)</b>	<b>150</b>
Non-project		
MARBLEHEAD, OH	1100 coal lignite	17
	4322 limestone	3,355
	4331 sand & gravel	12
	<b>Total Tons(x1000)</b>	<b>3,384</b>
PORT DOLOMITE, MI	4322 limestone	3,053
	4782 clay & refrac. mat.	94
	<b>Total Tons(x1000)</b>	<b>3,147</b>

Other Harbors and Waterways 2002 - continued

Harbor or Waterway Non-project	Commodity	Thousand Short Tons
PORT GYPSUM, MI	4323 gypsum	439
	<b>Total Tons(x1000)</b>	<b>439</b>
PORT INLAND, MI	4322 limestone	5,512
	4331 sand & gravel	29
	4900 non-metal. min. nec	23
	<b>Total Tons(x1000)</b>	<b>5,563</b>
SILVER BAY, MN	1100 coal lignite	472
	4322 limestone	81
	4410 iron ore	4,367
	<b>Total Tons(x1000)</b>	<b>4,921</b>

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
1993	12,150	1996	13,032	1999	12,327	<b>2002</b>	<b>11,115</b>
1994	13,204	1997	14,422	2000	13,322		
1995	14,074	1998	13,229	2001	10,535		

Freight Traffic, 2002 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
<b>Total, all commodities</b>	<b>5,562</b>	<b>231</b>	<b>44</b>	<b>1,559</b>	<b>3,728</b>
<b>Total coal</b>	<b>2,453</b>	—	—	<b>23</b>	<b>2,430</b>
1100 coal lignite	2,453	—	—	23	2,430
<b>Total petroleum and petroleum products</b>	<b>176</b>	—	—	<b>65</b>	<b>110</b>
<b>Subtotal crude petroleum</b>	<b>16</b>	—	—	—	<b>16</b>
2100 crude petroleum	16	—	—	—	16
<b>Subtotal petroleum products</b>	<b>160</b>	—	—	<b>65</b>	<b>94</b>
2211 gasoline	23	—	—	—	23
2330 distillate fuel oil	81	—	—	63	18
2340 residual fuel oil	10	—	—	3	8
2350 lube oil & greases	7	—	—	—	7
2540 petroleum coke	38	—	—	—	38
<b>Total chemicals and related products</b>	<b>269</b>	<b>17</b>	—	<b>135</b>	<b>118</b>
<b>Subtotal fertilizers</b>	<b>96</b>	—	—	<b>96</b>	—
3110 nitrogenous fert.	9	—	—	9	—
3130 potassic fert.	87	—	—	87	—
<b>Subtotal other chemicals and related products</b>	<b>174</b>	<b>17</b>	—	<b>39</b>	<b>118</b>
3212 benzene & toluene	15	—	—	15	—
3219 other hydrocarbons	24	17	—	7	—
3275 inorg. elem., oxides, & halogen salts	81	—	—	4	77
3282 pigments & paints	13	—	—	13	—
3299 chem. products nec	41	—	—	—	41
<b>Total crude materials, inedible except fuels</b>	<b>1,181</b>	<b>49</b>	—	<b>1,101</b>	<b>31</b>
<b>Subtotal forest products, wood and chips</b>	<b>19</b>	<b>19</b>	—	<b>1</b>	—
4170 wood in the rough	0	0	—	—	—
4189 lumber	19	18	—	1	—
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>509</b>	—	—	<b>479</b>	<b>31</b>
4322 limestone	31	—	—	—	31
4331 sand & gravel	479	—	—	479	—
<b>Subtotal iron ore and scrap</b>	<b>329</b>	—	—	<b>329</b>	—
4410 iron ore	329	—	—	329	—
<b>Subtotal non-ferrous ores and scrap</b>	<b>8</b>	—	—	<b>8</b>	—
4690 non-ferrous ores nec	8	—	—	8	—
<b>Subtotal sulphur, clay and salt</b>	<b>219</b>	<b>20</b>	—	<b>200</b>	—
4741 sulphur, (dry)	57	—	—	57	—
4782 clay & refrac. mat.	162	20	—	143	—
<b>Subtotal other non-metal. min.</b>	<b>97</b>	<b>11</b>	—	<b>86</b>	—
4900 non-metal. min. nec	97	11	—	86	—
<b>Total primary manufactured goods</b>	<b>296</b>	<b>87</b>	—	<b>209</b>	—
<b>Subtotal lime, cement and glass</b>	<b>80</b>	—	—	<b>80</b>	—
5220 cement & concrete	58	—	—	58	—
5290 misc. mineral prod.	22	—	—	22	—
<b>Subtotal primary iron and steel products</b>	<b>214</b>	<b>87</b>	—	<b>128</b>	—
5312 pig iron	43	—	—	43	—
5320 i&s primary forms	1	1	—	0	—
5330 i&s plates & sheets	35	30	—	5	—
5360 i&s bars & shapes	87	53	—	34	—
5370 i&s pipe & tube	0	0	—	—	—
5390 primary i&s nec	48	3	—	46	—
<b>Subtotal primary non-ferrous metal products</b>	<b>1</b>	<b>1</b>	—	<b>0</b>	—
5422 aluminum	0	0	—	—	—
5480 fab. metal products	1	0	—	0	—
<b>Total food and farm products</b>	<b>1,162</b>	<b>68</b>	<b>44</b>	<b>11</b>	<b>1,039</b>
<b>Subtotal grain</b>	<b>867</b>	<b>63</b>	<b>15</b>	—	<b>789</b>
6241 wheat	105	—	—	—	105
6344 corn	699	—	15	—	684
6445 oats	63	63	—	—	—
<b>Subtotal oilseeds</b>	<b>291</b>	—	<b>29</b>	<b>11</b>	<b>250</b>
6522 soybeans	291	—	29	11	250
<b>Subtotal other agricultural products</b>	<b>4</b>	<b>4</b>	—	—	—
6861 sugar	4	4	—	—	—
<b>Total all manufactured equipment, machinery and products</b>	<b>15</b>	<b>0</b>	—	<b>15</b>	—
7110 machinery (not elec)	1	0	—	1	—
7120 electrical machinery	14	—	—	14	—

TOLEDO HARBOR, OH  
Freight Traffic, 2002 - continued  
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
<b>Total unknown or not elsewhere classified</b>	<b>10</b>	<b>10</b>	<b>—</b>	<b>0</b>	<b>—</b>
9900 unknown or nec	10	10	—	0	—

Commodity	Total	Domestic			
		Lakewise		Internal	
		Receipts	Shipments	Shipments	Intraport
<b>Total, all commodities</b>	<b>5,553</b>	<b>3,341</b>	<b>2,206</b>	<b>5</b>	<b>2</b>
<b>Total coal</b>	<b>2,014</b>	<b>47</b>	<b>1,966</b>	<b>—</b>	<b>2</b>
1100 coal lignite	2,014	47	1,966	—	2
<b>Total petroleum and petroleum products</b>	<b>425</b>	<b>199</b>	<b>221</b>	<b>5</b>	<b>—</b>
<b>Subtotal petroleum products</b>	<b>425</b>	<b>199</b>	<b>221</b>	<b>5</b>	<b>—</b>
2211 gasoline	6	—	6	—	—
2330 distillate fuel oil	121	—	116	5	—
2340 residual fuel oil	75	—	75	—	—
2430 asphalt, tar & pitch	132	132	—	—	—
2540 petroleum coke	67	67	—	—	—
2990 petro. products nec	24	—	24	—	—
<b>Total crude materials, inedible except fuels</b>	<b>2,999</b>	<b>2,980</b>	<b>19</b>	<b>—</b>	<b>—</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>146</b>	<b>127</b>	<b>19</b>	<b>—</b>	<b>—</b>
4322 limestone	146	127	19	—	—
<b>Subtotal iron ore and scrap</b>	<b>2,691</b>	<b>2,691</b>	<b>—</b>	<b>—</b>	<b>—</b>
4410 iron ore	2,691	2,691	—	—	—
<b>Subtotal other non-metal. min.</b>	<b>162</b>	<b>162</b>	<b>—</b>	<b>—</b>	<b>—</b>
4900 non-metal. min. nec	162	162	—	—	—
<b>Total primary manufactured goods</b>	<b>114</b>	<b>114</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>Subtotal lime, cement and glass</b>	<b>114</b>	<b>114</b>	<b>—</b>	<b>—</b>	<b>—</b>
5220 cement & concrete	114	114	—	—	—

KELLEYS ISLAND, OH

Section Included: Entire area of Kelleys Island, Ohio. Controlling Depth: Unimproved, natural depths unknown. Project depth: Approach channel, 12 feet; Entrance channel, 10 feet; and remainder of channel, 8 to 10 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1993	564	1996	371	1999	1,081	<b>2002</b>	<b>1,289</b>
1994	521	1997	1,170	2000	798		
1995	123	1998	1,173	2001	1,050		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Domestic
		Lakewise Shipments
<b>Total, all commodities</b>	<b>1,289</b>	<b>1,289</b>
<b>Total crude materials, inedible except fuels</b>	<b>1,289</b>	<b>1,289</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>1,289</b>	<b>1,289</b>
4322 limestone	1,289	1,289

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
1993	5,176	1996	3,408	1999	4,898	<b>2002</b>	<b>4,455</b>
1994	5,422	1997	4,403	2000	3,645		
1995	3,536	1998	4,334	2001	4,649		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Canadian		Domestic		
		Inbound	Outbound	Total	Lakewise	
					Receipts	Shipments
<b>Total, all commodities</b>	<b>4,455</b>	<b>167</b>	<b>3,092</b>	<b>1,196</b>	<b>20</b>	<b>1,176</b>
<b>Total coal</b>	<b>4,268</b>	<b>---</b>	<b>3,092</b>	<b>1,176</b>	<b>---</b>	<b>1,176</b>
1100 coal lignite	4,268	---	3,092	1,176	---	1,176
<b>Total crude materials, inedible except fuels</b>	<b>172</b>	<b>151</b>	<b>---</b>	<b>20</b>	<b>20</b>	<b>---</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>44</b>	<b>44</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>
4331 sand & gravel	44	44	---	---	---	---
<b>Subtotal iron ore and scrap</b>	<b>55</b>	<b>55</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>
4410 iron ore	55	55	---	---	---	---
<b>Subtotal sulphur, clay and salt</b>	<b>29</b>	<b>29</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>
4782 clay & refrac. mat.	29	29	---	---	---	---
<b>Subtotal other non-metal. min.</b>	<b>43</b>	<b>23</b>	<b>---</b>	<b>20</b>	<b>20</b>	<b>---</b>
4900 non-metal. min. nec	43	23	---	20	20	---
<b>Total primary manufactured goods</b>	<b>16</b>	<b>16</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>
<b>Subtotal primary iron and steel products</b>	<b>16</b>	<b>16</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>
5390 primary i&s nec	16	16	---	---	---	---

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
1993	529	1996	1,004	1999	1,154	<b>2002</b>	<b>898</b>
1994	871	1997	856	2000	1,275		
1995	1,087	1998	1,192	2001	1,260		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Canadian	Domestic
		Inbound	Lakewise Receipts
<b>Total, all commodities</b>	<b>898</b>	<b>26</b>	<b>872</b>
<b>Total crude materials, inedible except fuels</b>	<b>886</b>	<b>14</b>	<b>872</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>583</b>	<b>---</b>	<b>583</b>
4322 limestone	583	---	583
<b>Subtotal iron ore and scrap</b>	<b>304</b>	<b>14</b>	<b>290</b>
4410 iron ore	304	14	290
<b>Total food and farm products</b>	<b>12</b>	<b>12</b>	<b>---</b>
<b>Subtotal grain</b>	<b>12</b>	<b>12</b>	<b>---</b>
6445 oats	12	12	---

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
1993	13,677	1996	15,978	1999	12,968	<b>2002</b>	<b>6,672</b>
1994	14,748	1997	15,955	2000	14,180		
1995	14,964	1998	14,166	2001	7,865		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Canadian Inbound	Domestic		
			Total	Lakewise	
				Receipts	Shipments
<b>Total, all commodities</b>	<b>6,672</b>	<b>354</b>	<b>6,318</b>	<b>4,060</b>	<b>2,258</b>
<b>Total chemicals and related products</b>	<b>30</b>	<b>30</b>	—	—	—
<b>Subtotal fertilizers</b>	<b>30</b>	<b>30</b>	—	—	—
3130 potassic fert.	30	30	—	—	—
<b>Total crude materials, inedible except fuels</b>	<b>6,643</b>	<b>325</b>	<b>6,318</b>	<b>4,060</b>	<b>2,258</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>643</b>	<b>117</b>	<b>526</b>	<b>526</b>	—
4322 limestone	374	—	374	374	—
4323 gypsum	152	—	152	152	—
4331 sand & gravel	117	117	—	—	—
<b>Subtotal iron ore and scrap</b>	<b>5,820</b>	<b>130</b>	<b>5,690</b>	<b>3,534</b>	<b>2,157</b>
4410 iron ore	5,820	130	5,690	3,534	2,157
<b>Subtotal non-ferrous ores and scrap</b>	<b>23</b>	<b>23</b>	—	—	—
4690 non-ferrous ores nec	23	23	—	—	—
<b>Subtotal sulphur, clay and salt</b>	<b>4</b>	<b>4</b>	—	—	—
4782 clay & refrac. mat.	4	4	—	—	—
<b>Subtotal slag</b>	<b>101</b>	—	<b>101</b>	—	<b>101</b>
4860 slag	101	—	101	—	101
<b>Subtotal other non-metal. min.</b>	<b>51</b>	<b>51</b>	—	—	—
4900 non-metal. min. nec	51	51	—	—	—

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 upper project 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
1993	14,083	1996	16,721	1999	15,540	<b>2002</b>	<b>11,412</b>
1994	15,284	1997	18,113	2000	14,391		
1995	15,393	1998	17,865	2001	11,938		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Foreign Inbound*	Canadian		Domestic			
			Inbound	Outbound	Total	Lakewise		
						Receipts	Shipments	Internal Intransport
<b>Total, all commodities</b>	<b>11,412</b>	<b>445</b>	<b>1,826</b>	<b>57</b>	<b>9,084</b>	<b>8,846</b>	<b>128</b>	<b>110</b>
<b>Total coal</b>	<b>56</b>	—	—	—	<b>56</b>	<b>56</b>	—	—
1200 coal coke	56	—	—	—	56	56	—	—
<b>Total petroleum and petroleum products</b>	<b>320</b>	—	<b>115</b>	—	<b>205</b>	<b>201</b>	<b>5</b>	—
<b>Subtotal petroleum products</b>	<b>320</b>	—	<b>115</b>	—	<b>205</b>	<b>201</b>	<b>5</b>	—
2211 gasoline	27	—	27	—	—	—	—	—
2330 distillate fuel oil	74	—	66	—	9	9	—	—
2340 residual fuel oil	50	—	14	—	36	36	—	—
2430 asphalt, tar & pitch	156	—	—	—	156	156	—	—
2540 petroleum coke	8	—	8	—	—	—	—	—
2990 petro. products nec	5	—	—	—	5	—	5	—



CLEVELAND HARBOR, OH  
Freight Traffic, 2002 - continued  
(thousand short tons)

Commodity	Grand Total	Foreign			Domestic			
		Inbound*	Canadian		Total	Lakewise		Internal Intraport
			Inbound	Outbound		Receipts	Shipments	
<b>Total chemicals and related products</b>	<b>31</b>	---	<b>31</b>	---	---	---	---	
<b>Subtotal fertilizers</b>	<b>9</b>	---	<b>9</b>	---	---	---	---	
3130 potassic fert.	9	---	9	---	---	---	---	
<b>Subtotal other chemicals and related products</b>	<b>22</b>	---	<b>22</b>	---	---	---	---	
3292 starches, gluten, glue	22	---	22	---	---	---	---	
<b>Total crude materials, inedible except fuels</b>	<b>9,502</b>	---	<b>903</b>	<b>57</b>	<b>8,541</b>	<b>8,308</b>	<b>124</b>	
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>5,387</b>	---	<b>676</b>	---	<b>4,712</b>	<b>4,698</b>	<b>14</b>	
4322 limestone	4,618	---	9	---	4,609	4,595	14	
4331 sand & gravel	770	---	667	---	103	103	---	
<b>Subtotal iron ore and scrap</b>	<b>3,610</b>	---	---	---	<b>3,610</b>	<b>3,610</b>	---	
4410 iron ore	3,610	---	---	---	3,610	3,610	---	
<b>Subtotal sulphur, clay and salt</b>	<b>174</b>	---	<b>174</b>	---	---	---	---	
4782 clay & refrac. mat.	174	---	174	---	---	---	---	
<b>Subtotal slag</b>	<b>33</b>	---	---	---	<b>33</b>	---	<b>33</b>	
4860 slag	33	---	---	---	33	---	33	
<b>Subtotal other non-metal. min.</b>	<b>297</b>	---	<b>53</b>	<b>57</b>	<b>187</b>	---	<b>77</b>	
4900 non-metal. min. nec	297	---	53	57	187	---	77	
<b>Total primary manufactured goods</b>	<b>1,501</b>	<b>444</b>	<b>776</b>	---	<b>281</b>	<b>281</b>	---	
<b>Subtotal lime, cement and glass</b>	<b>1,057</b>	---	<b>776</b>	---	<b>281</b>	<b>281</b>	---	
5220 cement & concrete	1,046	---	765	---	281	281	---	
5290 misc. mineral prod.	11	---	11	---	---	---	---	
<b>Subtotal primary iron and steel products</b>	<b>335</b>	<b>335</b>	---	---	---	---	---	
5320 i&s primary forms	67	67	---	---	---	---	---	
5330 i&s plates & sheets	223	223	---	---	---	---	---	
5360 i&s bars & shapes	44	44	---	---	---	---	---	
5370 i&s pipe & tube	1	1	---	---	---	---	---	
5390 primary i&s nec	0	0	---	---	---	---	---	
<b>Subtotal primary non-ferrous metal products</b>	<b>108</b>	<b>108</b>	---	---	---	---	---	
5422 aluminum	2	2	---	---	---	---	---	
5480 fab. metal products	106	106	---	---	---	---	---	
<b>Total all manufactured equipment, machinery and products</b>	<b>2</b>	<b>1</b>	<b>0</b>	---	---	---	---	
7110 machinery (not elec)	1	1	---	---	---	---	---	
7120 electrical machinery	1	0	0	---	---	---	---	
7210 vehicles & parts	0	0	---	---	---	---	---	
7900 manufac. prod. nec	0	0	---	---	---	---	---	
<b>Total unknown or not elsewhere classified</b>	<b>0</b>	<b>0</b>	---	---	---	---	---	
9900 unknown or nec	0	0	---	---	---	---	---	

\*Includes 3,006 tons of foreign inbound in-transits.

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
1993	2,403	1996	2,770	1999	2,553	2002	2,326
1994	2,955	1997	3,296	2000	2,539		
1995	2,941	1998	2,880	2001	2,942		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Canadian		Domestic		
		Inbound	Outbound	Total	Lakewise	
					Receipts	Shipments
<b>Total, all commodities</b>	<b>2,326</b>	<b>154</b>	<b>369</b>	<b>1,802</b>	<b>1,526</b>	<b>276</b>
<b>Total crude materials, inedible except fuels</b>	<b>2,326</b>	<b>154</b>	<b>369</b>	<b>1,802</b>	<b>1,526</b>	<b>276</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>1,667</b>	<b>122</b>	<b>9</b>	<b>1,536</b>	<b>1,526</b>	<b>10</b>
4322 limestone	1,462	---	---	1,462	1,462	---
4331 sand & gravel	205	122	9	74	64	10
<b>Subtotal sulphur, clay and salt</b>	<b>9</b>	<b>9</b>	---	---	---	---
4782 clay & refrac. mat.	9	9	---	---	---	---

FAIRPORT HARBOR, OH  
Freight Traffic, 2002 - continued  
(thousand short tons)

Commodity	Grand Total	Canadian		Domestic		
		Inbound	Outbound	Total	Lakewise	
					Receipts	Shipments
<b>Subtotal other non-metal. min.</b>	<b>650</b>	<b>23</b>	<b>361</b>	<b>266</b>	<b>---</b>	<b>266</b>
4900 non-metal. min. nec	650	23	361	266	---	266

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
1993	8,979	1996	9,523	1999	10,495	<b>2002</b>	<b>9,838</b>
1994	10,368	1997	11,929	2000	12,322		
1995	10,010	1998	15,602	2001	10,934		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Foreign Inbound	Canadian		Domestic		
			Inbound	Outbound	Total	Lakewise	
						Receipts	Shipments
<b>Total, all commodities</b>	<b>9,838</b>	<b>259</b>	<b>807</b>	<b>4,302</b>	<b>4,469</b>	<b>3,735</b>	<b>734</b>
<b>Total coal</b>	<b>5,082</b>	<b>---</b>	<b>---</b>	<b>4,302</b>	<b>780</b>	<b>58</b>	<b>722</b>
1100 coal lignite	5,082	---	---	4,302	780	58	722
<b>Total chemicals and related products</b>	<b>21</b>	<b>---</b>	<b>21</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>
<b>Subtotal fertilizers</b>	<b>21</b>	<b>---</b>	<b>21</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>
3130 potassic fert.	21	---	21	---	---	---	---
<b>Total crude materials, inedible except fuels</b>	<b>4,496</b>	<b>76</b>	<b>730</b>	<b>---</b>	<b>3,690</b>	<b>3,677</b>	<b>12</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>594</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>594</b>	<b>581</b>	<b>12</b>
4322 limestone	586	---	---	---	586	574	12
4323 gypsum	7	---	---	---	7	7	---
<b>Subtotal iron ore and scrap</b>	<b>3,827</b>	<b>---</b>	<b>730</b>	<b>---</b>	<b>3,096</b>	<b>3,096</b>	<b>---</b>
4410 iron ore	3,827	---	730	---	3,096	3,096	---
<b>Subtotal non-ferrous ores and scrap</b>	<b>62</b>	<b>62</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>
4690 non-ferrous ores nec	62	62	---	---	---	---	---
<b>Subtotal sulphur, clay and salt</b>	<b>14</b>	<b>14</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>
4782 clay & refrac. mat.	14	14	---	---	---	---	---
<b>Total primary manufactured goods</b>	<b>239</b>	<b>184</b>	<b>56</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>
<b>Subtotal primary iron and steel products</b>	<b>58</b>	<b>58</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>
5360 i&s bars & shapes	58	58	---	---	---	---	---
<b>Subtotal primary non-ferrous metal products</b>	<b>181</b>	<b>125</b>	<b>56</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>
5480 fab. metal products	181	125	56	---	---	---	---

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, 28.5 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
1993	3,534	1996	5,714	1999	8,868	<b>2002</b>	<b>10,474</b>
1994	5,655	1997	6,205	2000	10,603		
1995	5,612	1998	7,786	2001	10,485		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Foreign Inbound	Canadian		Domestic		
			Inbound	Outbound	Total	Lakewise	
						Receipts	Shipments
<b>Total, all commodities</b>	<b>10,474</b>	<b>51</b>	<b>708</b>	<b>4,335</b>	<b>5,380</b>	<b>3,876</b>	<b>1,504</b>
<b>Total coal</b>	<b>5,654</b>	<b>---</b>	<b>---</b>	<b>4,150</b>	<b>1,504</b>	<b>---</b>	<b>1,504</b>
1100 coal lignite	5,654	---	---	4,150	1,504	---	1,504

CONNEAUT HARBOR, OH  
Freight Traffic, 2002 - continued  
(thousand short tons)

Commodity	Grand Total	Foreign	Canadian		Domestic		
		Inbound	Inbound	Outbound	Total	Lakewise	
					Receipts	Shipments	
<b>Total crude materials, inedible except fuels</b>	<b>4,782</b>	<b>32</b>	<b>689</b>	<b>185</b>	<b>3,876</b>	<b>3,876</b>	<b>—</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>825</b>	<b>—</b>	<b>—</b>	<b>185</b>	<b>640</b>	<b>640</b>	<b>—</b>
4322 limestone	640	—	—	—	640	640	—
4323 gypsum	185	—	—	185	—	—	—
<b>Subtotal iron ore and scrap</b>	<b>3,772</b>	<b>—</b>	<b>536</b>	<b>—</b>	<b>3,236</b>	<b>3,236</b>	<b>—</b>
4410 iron ore	3,772	—	536	—	3,236	3,236	—
<b>Subtotal non-ferrous ores and scrap</b>	<b>13</b>	<b>13</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
4690 non-ferrous ores nec	13	13	—	—	—	—	—
<b>Subtotal other non-metal. min.</b>	<b>172</b>	<b>19</b>	<b>153</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
4900 non-metal. min. nec	172	19	153	—	—	—	—
<b>Total primary manufactured goods</b>	<b>38</b>	<b>19</b>	<b>18</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>Subtotal primary non-ferrous metal products</b>	<b>38</b>	<b>19</b>	<b>18</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
5422 aluminum	18	—	18	—	—	—	—
5480 fab. metal products	19	19	—	—	—	—	—

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
1993	1,160	1996	1,434	1999	1,136	<b>2002</b>	<b>1,362</b>
1994	979	1997	1,163	2000	1,501		
1995	1,057	1998	1,296	2001	1,159		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Foreign	Canadian		Domestic		
		Inbound	Inbound	Outbound	Total	Lakewise	
					Receipts	Shipments	
<b>Total, all commodities</b>	<b>1,362</b>	<b>2</b>	<b>151</b>	<b>2</b>	<b>1,206</b>	<b>1,205</b>	<b>1</b>
<b>Total coal</b>	<b>14</b>	<b>—</b>	<b>14</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
1200 coal coke	14	—	14	—	—	—	—
<b>Total petroleum and petroleum products</b>	<b>7</b>	<b>—</b>	<b>7</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>Subtotal petroleum products</b>	<b>7</b>	<b>—</b>	<b>7</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
2540 petroleum coke	7	—	7	—	—	—	—
<b>Total crude materials, inedible except fuels</b>	<b>1,336</b>	<b>—</b>	<b>130</b>	<b>—</b>	<b>1,206</b>	<b>1,205</b>	<b>1</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>1,264</b>	<b>—</b>	<b>81</b>	<b>—</b>	<b>1,183</b>	<b>1,183</b>	<b>1</b>
4322 limestone	987	—	—	—	987	987	—
4331 sand & gravel	278	—	81	—	197	196	1
<b>Subtotal sulphur, clay and salt</b>	<b>28</b>	<b>—</b>	<b>28</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
4782 clay & refrac. mat.	28	—	28	—	—	—	—
<b>Subtotal slag</b>	<b>21</b>	<b>—</b>	<b>21</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
4860 slag	21	—	21	—	—	—	—
<b>Subtotal other non-metal. min.</b>	<b>23</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>23</b>	<b>23</b>	<b>—</b>
4900 non-metal. min. nec	23	—	—	—	23	23	—
<b>Total all manufactured equipment, machinery and products</b>	<b>5</b>	<b>2</b>	<b>—</b>	<b>2</b>	<b>—</b>	<b>—</b>	<b>—</b>
7110 machinery (not elec)	1	1	—	—	—	—	—
7120 electrical machinery	1	1	—	—	—	—	—
7210 vehicles & parts	0	—	—	0	—	—	—
7900 manufac. prod. nec	2	—	—	2	—	—	—

DUNKIRK HARBOR, NY

Section Included: City water frontage protected by west pier and breakwater west of Elk Street. Controlling depth: Entrance channel in lake, 17 feet; inner channel and basin, 16 feet. Project Depth: Entrance channel in lake, 17 feet; inner channel and basin, 16 feet. Navigation season: Opened 29 March; closed 18 December.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1993	20	1996	398	1999	465	<b>2002</b>	<b>450</b>
1994	361	1997	446	2000	50		
1995	374	1998	535	2001	116		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Domestic
		Lakewise Receipts
<b>Total, all commodities</b>	<b>450</b>	<b>450</b>
<b>Total coal</b>	<b>450</b>	<b>450</b>
1100 coal lignite	450	450

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
1993	1,539	1996	1,590	1999	1,804	<b>2002</b>	<b>1,288</b>
1994	1,399	1997	1,631	2000	1,769		
1995	1,507	1998	2,072	2001	959		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Foreign	Canadian	Domestic
		Inbound	Inbound	Lakewise Receipts
<b>Total, all commodities</b>	<b>1,288</b>	<b>5</b>	<b>403</b>	<b>880</b>
<b>Total coal</b>	<b>182</b>	<b>—</b>	<b>—</b>	<b>182</b>
1100 coal lignite	182	—	—	182
<b>Total petroleum and petroleum products</b>	<b>16</b>	<b>—</b>	<b>16</b>	<b>—</b>
<b>Subtotal petroleum products</b>	<b>16</b>	<b>—</b>	<b>16</b>	<b>—</b>
2211 gasoline	13	—	13	—
2330 distillate fuel oil	3	—	3	—
<b>Total crude materials, inedible except fuels</b>	<b>528</b>	<b>—</b>	<b>198</b>	<b>330</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>285</b>	<b>—</b>	<b>—</b>	<b>285</b>
4322 limestone	201	—	—	201
4331 sand & gravel	84	—	—	84
<b>Subtotal other non-metal. min.</b>	<b>243</b>	<b>—</b>	<b>198</b>	<b>44</b>
4900 non-metal. min. nec	243	—	198	44
<b>Total primary manufactured goods</b>	<b>177</b>	<b>5</b>	<b>146</b>	<b>25</b>
<b>Subtotal lime, cement and glass</b>	<b>171</b>	<b>—</b>	<b>146</b>	<b>25</b>
5220 cement & concrete	171	—	146	25
<b>Subtotal primary iron and steel products</b>	<b>5</b>	<b>5</b>	<b>—</b>	<b>—</b>
5360 i&s bars & shapes	5	5	—	—
<b>Total food and farm products</b>	<b>385</b>	<b>—</b>	<b>42</b>	<b>343</b>
<b>Subtotal grain</b>	<b>385</b>	<b>—</b>	<b>42</b>	<b>343</b>
6241 wheat	385	—	42	343

NIAGARA RIVER, NY (INCLUDED IN PORT OF BUFFALO)

Section Included: Black Rock Channel north of the Black Rock Lock and Niagara River to and including American Oil Co. dock, 0.5 mile south of the Tonawanda city line, the northern limit of the Niagara River section of the Port of Buffalo. Controlling and Project Depths: 21 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1993	570	1996	274	1999	271	<b>2002</b>	<b>398</b>
1994	286	1997	263	2000	399		
1995	365	1998	269	2001	256		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Canadian	Domestic
		Inbound	Lakewise Receipts
<b>Total, all commodities</b>	<b>398</b>	<b>34</b>	<b>364</b>
<b>Total coal</b>	<b>194</b>	<b>---</b>	<b>194</b>
1100 coal lignite	194	---	194
<b>Total petroleum and petroleum products</b>	<b>204</b>	<b>34</b>	<b>170</b>
<b>Subtotal petroleum products</b>	<b>204</b>	<b>34</b>	<b>170</b>
2340 residual fuel oil	34	34	---
2430 asphalt, tar & pitch	170	---	170
<b>Ton-miles (x1000)</b>	<b>2,695</b>	<b>134</b>	<b>2,560</b>

**Tons All Traffic (x1000)** **398**  
**Ton-miles All Traffic (x1000)** **2,695**

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
1993	2,109	1996	1,864	1999	2,075	<b>2002</b>	<b>1,686</b>
1994	1,685	1997	1,894	2000	2,169		
1995	1,873	1998	2,341	2001	1,215		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Foreign	Canadian	Domestic
		Inbound	Inbound	Lakewise Receipts
<b>Total, all commodities</b>	<b>1,686</b>	<b>5</b>	<b>436</b>	<b>1,244</b>
<b>Total coal</b>	<b>376</b>	<b>---</b>	<b>---</b>	<b>376</b>
1100 coal lignite	376	---	---	376
<b>Total petroleum and petroleum products</b>	<b>220</b>	<b>---</b>	<b>50</b>	<b>170</b>
<b>Subtotal petroleum products</b>	<b>220</b>	<b>---</b>	<b>50</b>	<b>170</b>
2211 gasoline	13	---	13	---
2330 distillate fuel oil	3	---	3	---
2340 residual fuel oil	34	---	34	---
2430 asphalt, tar & pitch	170	---	---	170
<b>Total crude materials, inedible except fuels</b>	<b>528</b>	<b>---</b>	<b>198</b>	<b>330</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>285</b>	<b>---</b>	<b>---</b>	<b>285</b>
4322 limestone	201	---	---	201
4331 sand & gravel	84	---	---	84
<b>Subtotal other non-metal. min.</b>	<b>243</b>	<b>---</b>	<b>198</b>	<b>44</b>
4900 non-metal. min. nec	243	---	198	44
<b>Total primary manufactured goods</b>	<b>177</b>	<b>5</b>	<b>146</b>	<b>25</b>
<b>Subtotal lime, cement and glass</b>	<b>171</b>	<b>---</b>	<b>146</b>	<b>25</b>
5220 cement & concrete	171	---	146	25
<b>Subtotal primary iron and steel products</b>	<b>5</b>	<b>5</b>	<b>---</b>	<b>---</b>
5360 i&s bars & shapes	5	5	---	---
<b>Total food and farm products</b>	<b>385</b>	<b>---</b>	<b>42</b>	<b>343</b>
<b>Subtotal grain</b>	<b>385</b>	<b>---</b>	<b>42</b>	<b>343</b>
6241 wheat	385	---	42	343

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
1993	506	1996	511	1999	805	<b>2002</b>	<b>324</b>
1994	474	1997	640	2000	589		
1995	435	1998	471	2001	393		

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Canadian Inbound
<b>Total, all commodities</b>	<b>324</b>	<b>324</b>
<b>Total petroleum and petroleum products</b>	<b>127</b>	<b>127</b>
<b>Subtotal petroleum products</b>	<b>127</b>	<b>127</b>
2340 residual fuel oil	21	21
2540 petroleum coke	106	106
<b>Total chemicals and related products</b>	<b>45</b>	<b>45</b>
<b>Subtotal fertilizers</b>	<b>11</b>	<b>11</b>
3130 potassic fert.	11	11
<b>Subtotal other chemicals and related products</b>	<b>34</b>	<b>34</b>
3276 metallic salts	34	34
<b>Total primary manufactured goods</b>	<b>151</b>	<b>151</b>
<b>Subtotal lime, cement and glass</b>	<b>151</b>	<b>151</b>
5220 cement & concrete	151	151

Other Harbors and Waterways 2002

Harbor or Waterway Project	Commodity	Thousand Short Tons
BARCELONA HARBOR, NY	No Commerce Reported	
CAPE VINCENT, NY	No Commerce Reported	
GREAT SODUS BAY HARBOR, NY	No Commerce Reported	
NIAGARA FALLS, NY	No Commerce Reported	
OGDENSBURG HARBOR, NY	4322 limestone	5
	4900 non-metal. min. nec	106
	6782 animal feed, prep.	7
	<b>Total Tons(x1000)</b>	<b>118</b>
PORT CLINTON HARBOR, OH	No Commerce Reported	
ROCHESTER (CHARLOTTE) HARBOR, NY	5220 cement & concrete	150
	<b>Total Tons(x1000)</b>	<b>150</b>
SACKETS HARBOR, NY	2211 gasoline	0
	2330 distillate fuel oil	0
	2640 liquid natural gas	0
	6747 grain mill products	0
	<b>Total Tons(x1000)</b>	<b>0</b>
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
1993	42,600	1996	39,679	1999	40,685	<b>2002</b>	<b>40,204</b>
1994	45,265	1997	38,619	2000	41,491		
1995	41,734	1998	38,641*	2001	40,333		

\*Revised after original year of publication

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
<b>Total, all commodities</b>	<b>40,204</b>	<b>5,760</b>	<b>878</b>	<b>2,057</b>	<b>20,087</b>	<b>8,058</b>	<b>3,247</b>	<b>45</b>	<b>72</b>
<b>Total coal</b>	<b>1,426</b>	<b>426</b>	<b>—</b>	<b>35</b>	<b>32</b>	<b>867</b>	<b>66</b>	<b>—</b>	<b>—</b>
1100 coal lignite	468	408	—	—	13	28	19	—	—
1200 coal coke	958	17	—	35	19	840	47	—	—
<b>Total petroleum and petroleum products</b>	<b>4,645</b>	<b>980</b>	<b>61</b>	<b>568</b>	<b>1,001</b>	<b>1,445</b>	<b>531</b>	<b>14</b>	<b>44</b>
<b>Subtotal crude petroleum</b>	<b>27</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>27</b>	<b>—</b>	<b>—</b>
2100 crude petroleum	27	—	—	—	—	—	27	—	—
<b>Subtotal petroleum products</b>	<b>4,617</b>	<b>980</b>	<b>61</b>	<b>568</b>	<b>1,001</b>	<b>1,445</b>	<b>504</b>	<b>14</b>	<b>44</b>
2211 gasoline	462	266	—	—	—	193	3	—	—
2330 distillate fuel oil	843	62	5	22	246	324	184	—	—
2340 residual fuel oil	408	29	5	61	120	88	105	—	—
2350 lube oil & greases	305	44	1	2	1	231	26	—	—
2429 naphtha & solvents	386	165	—	—	4	211	7	—	—
2430 asphalt, tar & pitch	1,019	212	20	211	268	237	27	14	31
2540 petroleum coke	964	5	31	272	361	140	142	—	13
2990 petro. products nec	230	197	—	—	—	22	11	—	—
<b>Total chemicals and related products</b>	<b>4,365</b>	<b>2,183</b>	<b>61</b>	<b>276</b>	<b>504</b>	<b>1,117</b>	<b>164</b>	<b>30</b>	<b>29</b>
<b>Subtotal fertilizers</b>	<b>1,177</b>	<b>874</b>	<b>—</b>	<b>14</b>	<b>144</b>	<b>71</b>	<b>15</b>	<b>30</b>	<b>29</b>
3110 nitrogenous fert.	521	416	—	14	24	68	—	—	—
3120 phosphatic fert.	32	15	—	—	—	1	15	—	—
3130 potassic fert.	305	124	—	—	120	1	—	30	29
3190 fert. & mixes nec	319	319	—	—	—	—	—	—	—
<b>Subtotal other chemicals and related products</b>	<b>3,188</b>	<b>1,309</b>	<b>61</b>	<b>263</b>	<b>360</b>	<b>1,046</b>	<b>149</b>	<b>—</b>	<b>—</b>
3211 acyclic hydrocarbons	34	34	—	—	—	—	—	—	—
3212 benzene & toluene	43	—	—	—	—	6	37	—	—
3219 other hydrocarbons	832	714	24	—	1	63	29	—	—
3220 alcohols	1,189	78	37	263	344	388	79	—	—
3230 carboxylic acids	14	14	—	—	—	—	—	—	—
3260 organic comp. nec	39	20	—	—	—	19	—	—	—
3273 ammonia	295	295	—	—	—	—	—	—	—
3274 sodium hydroxide	533	—	—	—	—	532	1	—	—
3275 inorg. elem., oxides, & halogen salts	76	42	—	—	10	24	—	—	—
3276 metallic salts	7	—	—	—	3	2	3	—	—
3279 inorganic chem. nec	98	85	—	—	1	11	—	—	—
3299 chem. products nec	27	27	—	—	—	—	—	—	—
<b>Total crude materials, inedible except fuels</b>	<b>5,072</b>	<b>885</b>	<b>641</b>	<b>1,177</b>	<b>12</b>	<b>1,531</b>	<b>825</b>	<b>—</b>	<b>—</b>
<b>Subtotal forest products, wood and chips</b>	<b>340</b>	<b>154</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>183</b>	<b>3</b>	<b>—</b>	<b>—</b>
4161 wood chips	328	151	—	—	—	177	—	—	—
4189 lumber	3	—	—	—	—	—	3	—	—
4190 forest products nec	9	3	—	—	—	6	—	—	—
<b>Subtotal pulp and waste paper</b>	<b>4</b>	<b>4</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
4225 pulp & waste paper	4	4	—	—	—	—	—	—	—
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>2,198</b>	<b>246</b>	<b>542</b>	<b>1,164</b>	<b>9</b>	<b>238</b>	<b>—</b>	<b>—</b>	<b>—</b>
4310 building stone	1	1	—	—	—	—	—	—	—
4322 limestone	141	92	—	2	—	48	—	—	—
4323 gypsum	158	—	—	—	—	158	—	—	—
4331 sand & gravel	1,769	24	542	1,162	9	32	—	—	—
4335 waterway improv. mat	129	129	—	—	—	—	—	—	—
<b>Subtotal iron ore and scrap</b>	<b>1,124</b>	<b>134</b>	<b>99</b>	<b>—</b>	<b>3</b>	<b>127</b>	<b>761</b>	<b>—</b>	<b>—</b>
4410 iron ore	113	2	—	—	2	50	60	—	—
4420 iron & steel scrap	1,012	132	99	—	1	77	701	—	—
<b>Subtotal non-ferrous ores and scrap</b>	<b>112</b>	<b>25</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>82</b>	<b>5</b>	<b>—</b>	<b>—</b>
4650 aluminum ore	42	12	—	—	—	30	—	—	—
4670 manganese ore	47	11	—	—	—	31	5	—	—
4680 non-ferrous scrap	1	—	—	—	—	1	—	—	—
4690 non-ferrous ores nec	21	2	—	—	—	20	—	—	—



ILLINOIS RIVER, IL (INCLUDED IN THE ILLINOIS WATERWAY CONSOLIDATED)  
 Freight Traffic, 2002 - continued  
 (thousand short tons)

Commodity	Grand Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
<b>Subtotal sulphur, clay and salt</b>	<b>61</b>	<b>15</b>	---	---	---	<b>41</b>	<b>6</b>	---	---
4782 clay & refrac. mat.	61	15	---	---	---	41	6	---	---
<b>Subtotal slag</b>	<b>140</b>	---	---	<b>14</b>	---	<b>75</b>	<b>51</b>	---	---
4860 slag	140	---	---	14	---	75	51	---	---
<b>Subtotal other non-metal. min.</b>	<b>1,093</b>	<b>307</b>	---	---	---	<b>786</b>	---	---	---
4900 non-metal. min. nec	1,093	307	---	---	---	786	---	---	---
<b>Total primary manufactured goods</b>	<b>4,948</b>	<b>1,164</b>	<b>114</b>	---	<b>52</b>	<b>2,955</b>	<b>663</b>	---	---
<b>Subtotal paper products</b>	<b>1</b>	---	---	---	---	<b>1</b>	---	---	---
5120 paper & paperboard	1	---	---	---	---	1	---	---	---
<b>Subtotal lime, cement and glass</b>	<b>1,445</b>	<b>284</b>	---	---	<b>5</b>	<b>1,043</b>	<b>114</b>	---	---
5220 cement & concrete	1,445	284	---	---	5	1,043	114	---	---
<b>Subtotal primary iron and steel products</b>	<b>3,306</b>	<b>862</b>	<b>114</b>	---	<b>45</b>	<b>1,747</b>	<b>537</b>	---	---
5312 pig iron	1,238	712	2	---	---	518	6	---	---
5315 ferro alloys	174	11	---	---	---	160	3	---	---
5320 i&s primary forms	307	16	---	---	---	286	4	---	---
5330 i&s plates & sheets	975	59	105	---	3	369	440	---	---
5360 i&s bars & shapes	369	48	---	---	42	271	8	---	---
5370 i&s pipe & tube	7	---	---	---	---	5	2	---	---
5390 primary i&s nec	236	16	7	---	---	138	75	---	---
<b>Subtotal primary non-ferrous metal products</b>	<b>196</b>	<b>18</b>	---	---	<b>2</b>	<b>164</b>	<b>12</b>	---	---
5422 aluminum	7	---	---	---	---	7	---	---	---
5429 smelted prod. nec	42	---	---	---	---	42	---	---	---
5480 fab. metal products	147	18	---	---	2	115	12	---	---
<b>Total food and farm products</b>	<b>19,720</b>	<b>120</b>	---	---	<b>18,483</b>	<b>141</b>	<b>976</b>	---	---
<b>Subtotal grain</b>	<b>13,277</b>	<b>9</b>	---	---	<b>12,639</b>	<b>28</b>	<b>600</b>	---	---
6241 wheat	372	---	---	---	145	2	225	---	---
6344 corn	12,873	5	---	---	12,493	---	375	---	---
6442 rice	5	5	---	---	---	---	---	---	---
6443 barley & rye	18	---	---	---	---	18	---	---	---
6445 oats	8	---	---	---	---	8	---	---	---
6447 sorghum grains	2	---	---	---	2	---	---	---	---
<b>Subtotal oilseeds</b>	<b>4,776</b>	<b>42</b>	---	---	<b>4,438</b>	<b>2</b>	<b>294</b>	---	---
6522 soybeans	4,706	---	---	---	4,430	---	276	---	---
6590 oilseeds nec	70	42	---	---	8	2	18	---	---
<b>Subtotal vegetable products</b>	<b>166</b>	---	---	---	<b>163</b>	<b>1</b>	<b>1</b>	---	---
6653 vegetable oils	166	---	---	---	163	1	1	---	---
<b>Subtotal processed grain and animal feed</b>	<b>1,333</b>	<b>22</b>	---	---	<b>1,230</b>	---	<b>81</b>	---	---
6747 grain mill products	35	---	---	---	35	---	---	---	---
6782 animal feed, prep.	1,299	22	---	---	1,196	---	81	---	---
<b>Subtotal other agricultural products</b>	<b>169</b>	<b>46</b>	---	---	<b>13</b>	<b>110</b>	---	---	---
6861 sugar	87	---	---	---	---	87	---	---	---
6865 molasses	69	46	---	---	---	23	---	---	---
6885 alcoholic beverages	13	---	---	---	13	---	---	---	---
<b>Total all manufactured equipment, machinery and products</b>	<b>27</b>	<b>2</b>	---	---	<b>3</b>	<b>2</b>	<b>21</b>	---	---
7110 machinery (not elec)	3	0	---	---	---	1	1	---	---
7120 electrical machinery	1	---	---	---	---	1	---	---	---
7500 textile products	2	2	---	---	---	---	---	---	---
7600 rubber & plastic pr.	21	---	---	---	1	---	19	---	---
7900 manufac. prod. nec	1	---	---	---	1	---	---	---	---
<b>Ton-miles (x1000)</b>	<b>8,232,969</b>	<b>1,125,502</b>	<b>96,710</b>	<b>99,148</b>	<b>3,611,664</b>	<b>2,344,921</b>	<b>944,758</b>	<b>2,765</b>	<b>7,500</b>
<b>Tons All Traffic (x1000)</b>									
<b>Tons All Traffic (x1000)</b>									
<b>Total Trip-ton-miles Internal and Intraport (x1000)</b>									

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
1993	7,430	1996	12,636	1999	7,449	<b>2002</b>	<b>6,749</b>
1994	12,874	1997	10,041	2000	8,007		
1995	12,077	1998	8,808*	2001	6,022		

\*Revised after original year of publication

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Internal				
		Inbound		Outbound	Through	
		Upbound	Downbnd	Downbnd	Upbound	Downbnd
<b>Total, all commodities</b>	<b>6,749</b>	<b>661</b>	<b>9</b>	<b>38</b>	<b>3,971</b>	<b>2,070</b>
<b>Total coal</b>	<b>905</b>	—	—	—	<b>884</b>	<b>21</b>
1100 coal lignite	27	—	—	—	23	4
1200 coal coke	878	—	—	—	861	17
<b>Total petroleum and petroleum products</b>	<b>1,055</b>	<b>315</b>	—	<b>38</b>	<b>423</b>	<b>279</b>
<b>Subtotal crude petroleum</b>	<b>27</b>	—	—	<b>27</b>	—	—
2100 crude petroleum	27	—	—	27	—	—
<b>Subtotal petroleum products</b>	<b>1,028</b>	<b>315</b>	—	<b>11</b>	<b>423</b>	<b>279</b>
2211 gasoline	168	167	—	1	—	—
2330 distillate fuel oil	256	148	—	10	25	74
2340 residual fuel oil	56	—	—	—	38	18
2350 lube oil & greases	20	—	—	—	14	6
2429 naphtha & solvents	4	—	—	—	4	—
2430 asphalt, tar & pitch	55	—	—	—	8	47
2540 petroleum coke	461	—	—	—	327	134
2990 petro. products nec	6	—	—	—	6	—
<b>Total chemicals and related products</b>	<b>363</b>	<b>201</b>	<b>9</b>	—	<b>112</b>	<b>42</b>
<b>Subtotal fertilizers</b>	<b>93</b>	—	—	—	<b>83</b>	<b>9</b>
3110 nitrogenous fert.	82	—	—	—	82	—
3120 phosphatic fert.	9	—	—	—	—	9
3130 potassic fert.	1	—	—	—	1	—
<b>Subtotal other chemicals and related products</b>	<b>271</b>	<b>201</b>	<b>9</b>	—	<b>29</b>	<b>32</b>
3219 other hydrocarbons	4	1	—	—	3	—
3220 alcohols	244	196	9	—	14	25
3274 sodium hydroxide	3	3	—	—	—	—
3276 metallic salts	9	—	—	—	2	7
3279 inorganic chem. nec	11	—	—	—	11	—
<b>Total crude materials, inedible except fuels</b>	<b>1,169</b>	<b>11</b>	—	—	<b>775</b>	<b>383</b>
<b>Subtotal forest products, wood and chips</b>	<b>10</b>	—	—	—	<b>10</b>	—
4161 wood chips	4	—	—	—	4	—
4190 forest products nec	6	—	—	—	6	—
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>223</b>	<b>10</b>	—	—	<b>213</b>	—
4322 limestone	48	2	—	—	46	—
4323 gypsum	158	—	—	—	158	—
4331 sand & gravel	16	8	—	—	8	—
<b>Subtotal iron ore and scrap</b>	<b>447</b>	<b>2</b>	—	—	<b>122</b>	<b>323</b>
4410 iron ore	103	—	—	—	48	55
4420 iron & steel scrap	344	2	—	—	74	268
<b>Subtotal non-ferrous ores and scrap</b>	<b>85</b>	—	—	—	<b>80</b>	<b>5</b>
4650 aluminum ore	28	—	—	—	28	—
4670 manganese ore	36	—	—	—	31	5
4680 non-ferrous scrap	1	—	—	—	1	—
4690 non-ferrous ores nec	20	—	—	—	20	—
<b>Subtotal sulphur, clay and salt</b>	<b>46</b>	—	—	—	<b>41</b>	<b>6</b>
4782 clay & refrac. mat.	46	—	—	—	41	6
<b>Subtotal slag</b>	<b>132</b>	—	—	—	<b>83</b>	<b>49</b>
4860 slag	132	—	—	—	83	49
<b>Subtotal other non-metal. min.</b>	<b>227</b>	—	—	—	<b>227</b>	—
4900 non-metal. min. nec	227	—	—	—	227	—
<b>Total primary manufactured goods</b>	<b>2,587</b>	<b>118</b>	—	—	<b>1,703</b>	<b>766</b>
<b>Subtotal paper products</b>	<b>1</b>	—	—	—	<b>1</b>	—
5120 paper & paperboard	1	—	—	—	1	—
<b>Subtotal lime, cement and glass</b>	<b>322</b>	<b>118</b>	—	—	<b>83</b>	<b>122</b>
5220 cement & concrete	322	118	—	—	83	122
<b>Subtotal primary iron and steel products</b>	<b>2,138</b>	—	—	—	<b>1,501</b>	<b>637</b>
5312 pig iron	526	—	—	—	518	8
5315 ferro alloys	163	—	—	—	160	3
5320 i&s primary forms	287	—	—	—	283	4
5330 i&s plates & sheets	822	—	—	—	291	532
5360 i&s bars & shapes	144	—	—	—	137	6
5370 i&s pipe & tube	1	—	—	—	—	1
5390 primary i&s nec	194	—	—	—	112	82
<b>Subtotal primary non-ferrous metal products</b>	<b>125</b>	—	—	—	<b>118</b>	<b>7</b>
5422 aluminum	6	—	—	—	6	—
5429 smelted prod. nec	24	—	—	—	24	—

CALUMET-SAG CHANNEL, IL (INCLUDED IN PORT OF CHICAGO, ALSO INCLUDED  
IN STATISTICS FOR ILLINOIS WATERWAY)  
Freight Traffic, 2002 - continued  
(thousand short tons)

Commodity	Grand Total	Internal				
		Inbound		Outbound	Through	
		Upbound	Downbnd	Downbnd	Upbound	Downbnd
5480 fab. metal products	96	—	—	—	88	7
<b>Total food and farm products</b>	<b>652</b>	<b>16</b>	<b>—</b>	<b>—</b>	<b>72</b>	<b>565</b>
<b>Subtotal grain</b>	<b>400</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>20</b>	<b>380</b>
6241 wheat	179	—	—	—	2	178
6344 corn	202	—	—	—	—	202
6443 barley & rye	11	—	—	—	11	—
6445 oats	8	—	—	—	8	—
<b>Subtotal oilseeds</b>	<b>176</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>2</b>	<b>175</b>
6522 soybeans	168	—	—	—	—	168
6590 oilseeds nec	9	—	—	—	2	7
<b>Subtotal vegetable products</b>	<b>3</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>1</b>	<b>1</b>
6653 vegetable oils	3	—	—	—	1	1
<b>Subtotal processed grain and animal feed</b>	<b>8</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>8</b>
6782 animal feed, prep.	8	—	—	—	—	8
<b>Subtotal other agricultural products</b>	<b>64</b>	<b>16</b>	<b>—</b>	<b>—</b>	<b>49</b>	<b>—</b>
6861 sugar	42	—	—	—	42	—
6865 molasses	23	16	—	—	7	—
<b>Total all manufactured equipment, machinery and products</b>	<b>17</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>1</b>	<b>16</b>
7110 machinery (not elec)	2	—	—	—	1	1
7120 electrical machinery	1	—	—	—	1	—
7600 rubber & plastic pr.	14	—	—	—	—	14
<b>Ton-miles (x1000)</b>	<b>154,320</b>	<b>8,733</b>	<b>104</b>	<b>497</b>	<b>95,301</b>	<b>49,685</b>

**Tons All Traffic (x1000)** **6,749**  
**Ton-miles All Traffic (x1000)** **154,320**  
**Total Trip-ton-miles Internal and Intraport (x1000)** **7,226,979**

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
1993	18,813	1996	20,493	1999	17,500	<b>2002</b>	<b>17,059</b>
1994	24,591	1997	18,900	2000	17,983		
1995	19,704	1998	18,185*	2001	16,905		

\*Revised after original year of publication

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
<b>Total, all commodities</b>	<b>17,059</b>	<b>5,787</b>	<b>137</b>	<b>1,668</b>	<b>1,915</b>	<b>4,557</b>	<b>2,278</b>	<b>595</b>	<b>122</b>
<b>Total coal</b>	<b>978</b>	<b>20</b>	<b>8</b>	<b>1</b>	<b>53</b>	<b>883</b>	<b>13</b>	<b>—</b>	<b>—</b>
1100 coal lignite	48	6	—	1	14	22	4	—	—
1200 coal coke	931	14	8	—	39	861	8	—	—
<b>Total petroleum and petroleum products</b>	<b>3,138</b>	<b>1,578</b>	<b>59</b>	<b>45</b>	<b>589</b>	<b>641</b>	<b>68</b>	<b>69</b>	<b>89</b>
<b>Subtotal crude petroleum</b>	<b>27</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>27</b>	<b>—</b>	<b>—</b>
2100 crude petroleum	27	—	—	—	—	—	27	—	—
<b>Subtotal petroleum products</b>	<b>3,110</b>	<b>1,578</b>	<b>59</b>	<b>45</b>	<b>589</b>	<b>641</b>	<b>41</b>	<b>69</b>	<b>89</b>
2211 gasoline	198	26	—	—	1	167	1	2	—
2330 distillate fuel oil	694	270	19	24	188	137	12	42	2
2340 residual fuel oil	333	148	15	2	144	4	1	4	16
2350 lube oil & greases	278	233	—	3	36	—	6	—	—
2429 naphtha & solvents	231	211	—	4	7	—	—	9	—
2430 asphalt, tar & pitch	571	468	—	8	27	6	20	10	32
2540 petroleum coke	769	203	25	3	171	324	2	2	38
2990 petro. products nec	37	19	—	—	15	3	—	—	—
<b>Total chemicals and related products</b>	<b>1,745</b>	<b>1,098</b>	<b>67</b>	<b>—</b>	<b>201</b>	<b>311</b>	<b>27</b>	<b>7</b>	<b>34</b>
<b>Subtotal fertilizers</b>	<b>100</b>	<b>1</b>	<b>—</b>	<b>—</b>	<b>6</b>	<b>83</b>	<b>9</b>	<b>—</b>	<b>—</b>
3110 nitrogenous fert.	82	—	—	—	—	82	—	—	—
3120 phosphatic fert.	17	1	—	—	6	—	9	—	—
3130 potassic fert.	1	—	—	—	—	1	—	—	—
<b>Subtotal other chemicals and related products</b>	<b>1,645</b>	<b>1,096</b>	<b>67</b>	<b>—</b>	<b>195</b>	<b>227</b>	<b>18</b>	<b>7</b>	<b>34</b>
3212 benzene & toluene	43	6	—	—	37	—	—	—	—
3219 other hydrocarbons	131	59	—	—	54	4	—	—	14

CHICAGO SANITARY AND SHIP CANAL, IL (INCLUDED IN PORT OF CHICAGO, ALSO INCLUDED  
IN STATISTICS FOR ILLINOIS WATERWAY)  
Freight Traffic, 2002 - continued  
(thousand short tons)

Commodity	Grand Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
3220 alcohols	806	453	—	—	103	208	15	7	20
3260 organic comp. nec	19	19	—	—	—	—	—	—	—
3274 sodium hydroxide	533	529	—	—	1	3	—	—	—
3275 inorg. elem., oxides, & halogen salts	24	24	—	—	—	—	—	—	—
3276 metallic salts	78	6	67	—	—	2	3	—	—
3279 inorganic chem. nec	11	—	—	—	—	11	—	—	—
<b>Total crude materials, inedible except fuels</b>	<b>6,316</b>	<b>1,904</b>	<b>—</b>	<b>1,622</b>	<b>662</b>	<b>805</b>	<b>805</b>	<b>519</b>	<b>—</b>
<b>Subtotal forest products, wood and chips</b>	<b>185</b>	<b>173</b>	<b>—</b>	<b>—</b>	<b>3</b>	<b>10</b>	<b>—</b>	<b>—</b>	<b>—</b>
4161 wood chips	177	173	—	—	—	4	—	—	—
4189 lumber	3	—	—	—	3	—	—	—	—
4190 forest products nec	6	—	—	—	—	6	—	—	—
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>4,084</b>	<b>1,178</b>	<b>—</b>	<b>1,622</b>	<b>542</b>	<b>224</b>	<b>—</b>	<b>519</b>	<b>—</b>
4322 limestone	50	2	—	—	—	48	—	—	—
4323 gypsum	158	—	—	—	—	158	—	—	—
4331 sand & gravel	3,876	1,176	—	1,622	542	18	—	519	—
<b>Subtotal iron ore and scrap</b>	<b>989</b>	<b>3</b>	<b>—</b>	<b>—</b>	<b>118</b>	<b>124</b>	<b>744</b>	<b>—</b>	<b>—</b>
4410 iron ore	110	—	—	—	5	50	55	—	—
4420 iron & steel scrap	879	3	—	—	114	74	688	—	—
<b>Subtotal non-ferrous ores and scrap</b>	<b>86</b>	<b>2</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>80</b>	<b>5</b>	<b>—</b>	<b>—</b>
4650 aluminum ore	30	2	—	—	—	28	—	—	—
4670 manganese ore	36	—	—	—	—	31	5	—	—
4680 non-ferrous scrap	1	—	—	—	—	1	—	—	—
4690 non-ferrous ores nec	20	—	—	—	—	20	—	—	—
<b>Subtotal sulphur, clay and salt</b>	<b>46</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>41</b>	<b>6</b>	<b>—</b>	<b>—</b>
4782 clay & refrac. mat.	46	—	—	—	—	41	6	—	—
<b>Subtotal slag</b>	<b>140</b>	<b>4</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>85</b>	<b>51</b>	<b>—</b>	<b>—</b>
4860 slag	140	4	—	—	—	85	51	—	—
<b>Subtotal other non-metal. min.</b>	<b>786</b>	<b>544</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>242</b>	<b>—</b>	<b>—</b>	<b>—</b>
4900 non-metal. min. nec	786	544	—	—	—	242	—	—	—
<b>Total primary manufactured goods</b>	<b>3,743</b>	<b>1,142</b>	<b>2</b>	<b>—</b>	<b>6</b>	<b>1,821</b>	<b>771</b>	<b>—</b>	<b>—</b>
<b>Subtotal paper products</b>	<b>1</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>1</b>	<b>—</b>	<b>—</b>	<b>—</b>
5120 paper & paperboard	1	—	—	—	—	1	—	—	—
<b>Subtotal lime, cement and glass</b>	<b>1,165</b>	<b>850</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>201</b>	<b>114</b>	<b>—</b>	<b>—</b>
5220 cement & concrete	1,165	850	—	—	—	201	114	—	—
<b>Subtotal primary iron and steel products</b>	<b>2,401</b>	<b>245</b>	<b>2</b>	<b>—</b>	<b>2</b>	<b>1,501</b>	<b>650</b>	<b>—</b>	<b>—</b>
5312 pig iron	526	—	—	—	—	518	8	—	—
5315 ferro alloys	163	—	—	—	—	160	3	—	—
5320 i&s primary forms	290	3	—	—	—	283	4	—	—
5330 i&s plates & sheets	916	78	2	—	—	291	545	—	—
5360 i&s bars & shapes	278	134	—	—	1	137	6	—	—
5370 i&s pipe & tube	7	5	—	—	0	—	1	—	—
5390 primary i&s nec	220	26	—	—	—	112	82	—	—
<b>Subtotal primary non-ferrous metal products</b>	<b>176</b>	<b>47</b>	<b>—</b>	<b>—</b>	<b>5</b>	<b>118</b>	<b>7</b>	<b>—</b>	<b>—</b>
5422 aluminum	7	1	—	—	—	6	—	—	—
5429 smelted prod. nec	42	19	—	—	—	24	—	—	—
5480 fab. metal products	127	27	—	—	5	88	7	—	—
<b>Total food and farm products</b>	<b>1,117</b>	<b>46</b>	<b>—</b>	<b>—</b>	<b>398</b>	<b>95</b>	<b>578</b>	<b>—</b>	<b>—</b>
<b>Subtotal grain</b>	<b>628</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>214</b>	<b>28</b>	<b>386</b>	<b>—</b>	<b>—</b>
6241 wheat	227	—	—	—	44	2	181	—	—
6344 corn	375	—	—	—	170	—	205	—	—
6443 barley & rye	18	—	—	—	—	18	—	—	—
6445 oats	8	—	—	—	—	8	—	—	—
<b>Subtotal oilseeds</b>	<b>295</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>111</b>	<b>2</b>	<b>182</b>	<b>—</b>	<b>—</b>
6522 soybeans	276	—	—	—	100	—	175	—	—
6590 oilseeds nec	20	—	—	—	11	2	7	—	—
<b>Subtotal vegetable products</b>	<b>3</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>1</b>	<b>1</b>	<b>—</b>	<b>—</b>
6653 vegetable oils	3	—	—	—	—	1	1	—	—
<b>Subtotal processed grain and animal feed</b>	<b>81</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>72</b>	<b>—</b>	<b>8</b>	<b>—</b>	<b>—</b>
6782 animal feed, prep.	81	—	—	—	72	—	8	—	—
<b>Subtotal other agricultural products</b>	<b>110</b>	<b>46</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>64</b>	<b>—</b>	<b>—</b>	<b>—</b>
6861 sugar	87	46	—	—	—	42	—	—	—
6865 molasses	23	—	—	—	—	23	—	—	—

CHICAGO SANITARY AND SHIP CANAL, IL (INCLUDED IN PORT OF CHICAGO, ALSO INCLUDED  
IN STATISTICS FOR ILLINOIS WATERWAY)  
Freight Traffic, 2002 - continued  
(thousand short tons)

Commodity	Grand Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
<b>Total all manufactured equipment, machinery and products</b>	<b>22</b>	<b>0</b>	<b>---</b>	<b>---</b>	<b>5</b>	<b>2</b>	<b>16</b>	<b>---</b>	<b>---</b>
7110 machinery (not elec)	2	0	---	---	---	1	1	---	---
7120 electrical machinery	1	---	---	---	---	1	---	---	---
7600 rubber & plastic pr.	19	---	---	---	5	---	14	---	---
<b>Ton-miles (x1000)</b>	<b>215,837</b>	<b>63,118</b>	<b>1,625</b>	<b>43,978</b>	<b>15,387</b>	<b>46,215</b>	<b>31,395</b>	<b>13,144</b>	<b>975</b>
<b>Tons All Traffic (x1000)</b>				<b>17,059</b>					
<b>Ton-miles All Traffic (x1000)</b>				<b>215,837</b>					
<b>Total Trip-ton-miles Internal and Intraport (x1000)</b>				<b>14,054,225</b>					

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
1993	45,636	1996	46,236	1999	43,724	<b>2002</b>	<b>43,032</b>
1994	50,882	1997	42,994	2000	44,231		
1995	47,435	1998	41,795*	2001	43,490		

\*Revised after original year of publication

Freight Traffic, 2002 (thousand short tons)

Commodity	Grand Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
<b>Total, all commodities</b>	<b>43,032</b>	<b>10,467</b>	<b>348</b>	<b>1,343</b>	<b>21,648</b>	<b>3,583</b>	<b>1,748</b>	<b>3,024</b>	<b>870</b>
<b>Total coal</b>	<b>1,436</b>	<b>446</b>	<b>8</b>	<b>37</b>	<b>85</b>	<b>847</b>	<b>13</b>	<b>---</b>	<b>---</b>
1100 coal lignite	469	414	---	1	28	22	4	---	---
1200 coal coke	967	31	8	35	58	826	8	---	---
<b>Total petroleum and petroleum products</b>	<b>5,176</b>	<b>2,555</b>	<b>72</b>	<b>295</b>	<b>1,580</b>	<b>78</b>	<b>14</b>	<b>401</b>	<b>181</b>
<b>Subtotal crude petroleum</b>	<b>27</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>27</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>
2100 crude petroleum	27	---	---	---	27	---	---	---	---
<b>Subtotal petroleum products</b>	<b>5,149</b>	<b>2,555</b>	<b>72</b>	<b>295</b>	<b>1,552</b>	<b>78</b>	<b>14</b>	<b>401</b>	<b>181</b>
2211 gasoline	464	459	---	---	3	---	---	2	---
2330 distillate fuel oil	1,003	447	9	13	429	3	9	75	17
2340 residual fuel oil	482	117	15	5	259	1	1	63	21
2350 lube oil & greases	323	275	1	3	37	---	4	2	---
2429 naphtha & solvents	400	376	---	4	10	---	---	9	---
2430 asphalt, tar & pitch	1,096	470	20	8	295	6	---	234	62
2540 petroleum coke	1,148	195	27	263	504	65	---	14	81
2990 petro. products nec	234	216	---	---	15	3	---	---	---
<b>Total chemicals and related products</b>	<b>4,500</b>	<b>3,221</b>	<b>76</b>	<b>18</b>	<b>641</b>	<b>94</b>	<b>27</b>	<b>298</b>	<b>124</b>
<b>Subtotal fertilizers</b>	<b>1,177</b>	<b>875</b>	<b>---</b>	<b>14</b>	<b>151</b>	<b>70</b>	<b>9</b>	<b>30</b>	<b>29</b>
3110 nitrogenous fert.	521	416	---	14	24	68	---	---	---
3120 phosphatic fert.	32	16	---	---	6	---	9	---	---
3130 potassic fert.	305	124	---	---	120	1	---	30	29
3190 fert. & mixes nec	319	319	---	---	---	---	---	---	---
<b>Subtotal other chemicals and related products</b>	<b>3,323</b>	<b>2,346</b>	<b>76</b>	<b>4</b>	<b>491</b>	<b>25</b>	<b>18</b>	<b>268</b>	<b>95</b>
3211 acyclic hydrocarbons	34	34	---	---	---	---	---	---	---
3212 benzene & toluene	43	6	---	---	37	---	---	---	---
3219 other hydrocarbons	846	774	---	---	30	3	---	---	38
3220 alcohols	1,237	467	9	4	408	9	15	268	57
3230 carboxylic acids	14	14	---	---	---	---	---	---	---
3260 organic comp. nec	39	39	---	---	---	---	---	---	---
3273 ammonia	295	295	---	---	---	---	---	---	---
3274 sodium hydroxide	533	532	---	---	1	---	---	---	---
3275 inorg. elem., oxides, & halogen salts	76	66	---	---	10	---	---	---	---
3276 metallic salts	80	6	67	---	3	2	3	---	---
3279 inorganic chem. nec	98	85	---	---	1	11	---	---	---
3299 chem. products nec	27	27	---	---	---	---	---	---	---

ILLINOIS WATERWAY, IL (CONSOLIDATED REPORT FOR ENTIRE WATERWAY)  
 Freight Traffic, 2002 - continued  
 (thousand short tons)

Commodity	Grand Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
<b>Total crude materials, inedible except fuels</b>	<b>7,214</b>	<b>1,638</b>	<b>75</b>	<b>993</b>	<b>395</b>	<b>780</b>	<b>442</b>	<b>2,325</b>	<b>565</b>
<b>Subtotal forest products, wood and chips</b>	<b>340</b>	<b>328</b>	<b>---</b>	<b>---</b>	<b>3</b>	<b>10</b>	<b>---</b>	<b>---</b>	<b>---</b>
4161 wood chips	328	324	---	---	---	4	---	---	---
4189 lumber	3	---	---	---	3	---	---	---	---
4190 forest products nec	9	3	---	---	---	6	---	---	---
<b>Subtotal pulp and waste paper</b>	<b>4</b>	<b>4</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>
4225 pulp & waste paper	4	4	---	---	---	---	---	---	---
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>4,339</b>	<b>270</b>	<b>---</b>	<b>980</b>	<b>9</b>	<b>214</b>	<b>---</b>	<b>2,325</b>	<b>542</b>
4310 building stone	1	1	---	---	---	---	---	---	---
4322 limestone	141	93	---	---	---	46	---	2	---
4323 gypsum	158	---	---	---	---	158	---	---	---
4331 sand & gravel	3,909	46	---	980	9	9	---	2,323	542
4335 waterway improv. mat	129	129	---	---	---	---	---	---	---
<b>Subtotal iron ore and scrap</b>	<b>1,126</b>	<b>138</b>	<b>75</b>	<b>---</b>	<b>381</b>	<b>124</b>	<b>383</b>	<b>---</b>	<b>24</b>
4410 iron ore	113	2	---	---	6	50	55	---	---
4420 iron & steel scrap	1,013	137	75	---	375	74	328	---	24
<b>Subtotal non-ferrous ores and scrap</b>	<b>112</b>	<b>27</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>80</b>	<b>5</b>	<b>---</b>	<b>---</b>
4650 aluminum ore	42	14	---	---	---	28	---	---	---
4670 manganese ore	47	11	---	---	---	31	5	---	---
4680 non-ferrous scrap	1	---	---	---	---	1	---	---	---
4690 non-ferrous ores nec	21	2	---	---	---	20	---	---	---
<b>Subtotal sulphur, clay and salt</b>	<b>61</b>	<b>15</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>41</b>	<b>6</b>	<b>---</b>	<b>---</b>
4782 clay & refrac. mat.	61	15	---	---	---	41	6	---	---
<b>Subtotal slag</b>	<b>140</b>	<b>6</b>	<b>---</b>	<b>14</b>	<b>2</b>	<b>69</b>	<b>49</b>	<b>---</b>	<b>---</b>
4860 slag	140	6	---	14	2	69	49	---	---
<b>Subtotal other non-metal. min.</b>	<b>1,093</b>	<b>851</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>242</b>	<b>---</b>	<b>---</b>	<b>---</b>
4900 non-metal. min. nec	1,093	851	---	---	---	242	---	---	---
<b>Total primary manufactured goods</b>	<b>4,958</b>	<b>2,424</b>	<b>117</b>	<b>---</b>	<b>58</b>	<b>1,703</b>	<b>657</b>	<b>---</b>	<b>---</b>
<b>Subtotal paper products</b>	<b>1</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>1</b>	<b>---</b>	<b>---</b>	<b>---</b>
5120 paper & paperboard	1	---	---	---	---	1	---	---	---
<b>Subtotal lime, cement and glass</b>	<b>1,453</b>	<b>1,251</b>	<b>---</b>	<b>---</b>	<b>5</b>	<b>83</b>	<b>114</b>	<b>---</b>	<b>---</b>
5220 cement & concrete	1,453	1,251	---	---	5	83	114	---	---
<b>Subtotal primary iron and steel products</b>	<b>3,308</b>	<b>1,107</b>	<b>117</b>	<b>---</b>	<b>47</b>	<b>1,501</b>	<b>536</b>	<b>---</b>	<b>---</b>
5312 pig iron	1,238	712	2	---	---	518	6	---	---
5315 ferro alloys	174	11	---	---	---	160	3	---	---
5320 i&s primary forms	307	19	---	---	---	283	4	---	---
5330 i&s plates & sheets	978	137	108	---	3	291	440	---	---
5360 i&s bars & shapes	369	182	---	---	44	137	6	---	---
5370 i&s pipe & tube	7	5	---	---	0	---	1	---	---
5390 primary i&s nec	236	42	7	---	---	112	75	---	---
<b>Subtotal primary non-ferrous metal products</b>	<b>196</b>	<b>65</b>	<b>---</b>	<b>---</b>	<b>6</b>	<b>118</b>	<b>7</b>	<b>---</b>	<b>---</b>
5422 aluminum	7	1	---	---	---	6	---	---	---
5429 smelted prod. nec	42	19	---	---	---	24	---	---	---
5480 fab. metal products	147	45	---	---	6	88	7	---	---
<b>Total food and farm products</b>	<b>19,720</b>	<b>181</b>	<b>---</b>	<b>---</b>	<b>18,881</b>	<b>79</b>	<b>578</b>	<b>---</b>	<b>---</b>
<b>Subtotal grain</b>	<b>13,277</b>	<b>9</b>	<b>---</b>	<b>---</b>	<b>12,854</b>	<b>28</b>	<b>386</b>	<b>---</b>	<b>---</b>
6241 wheat	372	---	---	---	189	2	181	---	---
6344 corn	12,873	5	---	---	12,662	---	205	---	---
6442 rice	5	5	---	---	---	---	---	---	---
6443 barley & rye	18	---	---	---	---	18	---	---	---
6445 oats	8	---	---	---	---	8	---	---	---
6447 sorghum grains	2	---	---	---	2	---	---	---	---
<b>Subtotal oilseeds</b>	<b>4,776</b>	<b>42</b>	<b>---</b>	<b>---</b>	<b>4,550</b>	<b>2</b>	<b>182</b>	<b>---</b>	<b>---</b>
6522 soybeans	4,706	---	---	---	4,530	---	175	---	---
6590 oilseeds nec	70	42	---	---	19	2	7	---	---
<b>Subtotal vegetable products</b>	<b>166</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>163</b>	<b>1</b>	<b>1</b>	<b>---</b>	<b>---</b>
6653 vegetable oils	166	---	---	---	163	1	1	---	---
<b>Subtotal processed grain and animal</b>	<b>1,333</b>	<b>22</b>	<b>---</b>	<b>---</b>	<b>1,303</b>	<b>---</b>	<b>8</b>	<b>---</b>	<b>---</b>
6747 grain mill products	35	---	---	---	35	---	---	---	---
6782 animal feed, prep.	1,299	22	---	---	1,268	---	8	---	---
<b>Subtotal other agricultural products</b>	<b>169</b>	<b>108</b>	<b>---</b>	<b>---</b>	<b>13</b>	<b>49</b>	<b>---</b>	<b>---</b>	<b>---</b>
6861 sugar	87	46	---	---	---	42	---	---	---
6865 molasses	69	62	---	---	---	7	---	---	---
6885 alcoholic beverages	13	---	---	---	13	---	---	---	---

ILLINOIS WATERWAY, IL (CONSOLIDATED REPORT FOR ENTIRE WATERWAY)  
 Freight Traffic, 2002 - continued  
 (thousand short tons)

Commodity	Grand Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
<b>Total all manufactured equipment, machinery and products</b>	<b>27</b>	<b>3</b>	<b>---</b>	<b>---</b>	<b>8</b>	<b>2</b>	<b>16</b>	<b>---</b>	<b>---</b>
7110 machinery (not elec)	3	1	---	---	---	1	1	---	---
7120 electrical machinery	1	---	---	---	---	1	---	---	---
7500 textile products	2	2	---	---	---	---	---	---	---
7600 rubber & plastic pr.	21	---	---	---	6	---	14	---	---
7900 manufac. prod. nec	1	---	---	---	1	---	---	---	---
<b>Ton-miles (x1000)</b>	<b>8,610,063</b>	<b>2,497,762</b>	<b>28,266</b>	<b>50,818</b>	<b>4,070,359</b>	<b>1,163,351</b>	<b>567,967</b>	<b>140,704</b>	<b>90,835</b>
<b>Tons All Traffic (x1000)</b>			<b>43,032</b>						
<b>Ton-miles All Traffic (x1000)</b>			<b>8,610,063</b>						
<b>Total Trip-ton-miles Internal and Intraport (x1000)</b>			<b>43,671,974</b>						





## Section 2

# Trips and Drafts of Vessels



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

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
<b>WAUKEGAN HARBOR, IL</b>												
				Inbound						Outbound		
<b>Grand Total</b>	<b>243</b>	<b>37</b>	---	<b>86</b>	<b>120</b>	---	<b>245</b>	<b>36</b>	---	<b>86</b>	<b>123</b>	---
<b>FOREIGN</b>												
<b>Total</b>	<b>18</b>	---	---	<b>9</b>	<b>9</b>	---	<b>18</b>	---	---	<b>9</b>	<b>9</b>	---
22	2	---	---	---	2	---	---	---	---	---	---	---
21	5	---	---	---	5	---	---	---	---	---	---	---
20	---	---	---	---	---	---	1	---	---	---	1	---
19	1	---	---	---	1	---	---	---	---	---	---	---
18	3	---	---	2	1	---	9	---	---	2	7	---
15	---	---	---	---	---	---	1	---	---	---	1	---
14	7	---	---	7	---	---	7	---	---	7	---	---
<b>DOMESTIC</b>												
<b>Total</b>	<b>225</b>	<b>37</b>	---	<b>77</b>	<b>111</b>	---	<b>227</b>	<b>36</b>	---	<b>77</b>	<b>114</b>	---
24	1	---	---	---	1	---	---	---	---	---	---	---
23	1	1	---	---	---	---	---	1	---	---	---	---
21	---	---	---	---	---	---	1	1	---	---	---	---
19	23	3	---	20	---	---	19	1	---	18	---	---
18	17	15	---	---	2	---	9	9	---	---	---	---
17	17	15	---	---	2	---	5	4	---	---	1	---
16	10	2	---	---	8	---	28	11	---	2	15	---
15	3	---	---	---	3	---	8	5	---	---	3	---
14	1	---	---	---	1	---	5	4	---	---	1	---
13	---	---	---	---	---	---	1	1	---	---	---	---
≤ 12	152	1	---	57	94	---	151	---	---	57	94	---
										<b>Total trips:</b>		<b>488</b>
<b>CHICAGO RIVER (MAIN AND NORTH BRANCH), IL</b>												
				Upbound						Downbound		
<b>Grand Total</b>	<b>1,094</b>	---	---	<b>284</b>	<b>794</b>	<b>16</b>	<b>1,080</b>	---	---	<b>297</b>	<b>772</b>	<b>11</b>
<b>DOMESTIC</b>												
<b>Total</b>	<b>1,094</b>	---	---	<b>284</b>	<b>794</b>	<b>16</b>	<b>1,080</b>	---	---	<b>297</b>	<b>772</b>	<b>11</b>
≤ 12	1,094	---	---	284	794	16	1,080	---	---	297	772	11
										<b>Total trips:</b>		<b>2,174</b>
<b>CHICAGO RIVER, SOUTH BRANCH, IL</b>												
				Upbound						Downbound		
<b>Grand Total</b>	<b>2,090</b>	---	---	<b>676</b>	<b>1,407</b>	<b>7</b>	<b>2,088</b>	---	---	<b>674</b>	<b>1,394</b>	<b>20</b>
<b>DOMESTIC</b>												
<b>Total</b>	<b>2,090</b>	---	---	<b>676</b>	<b>1,407</b>	<b>7</b>	<b>2,088</b>	---	---	<b>674</b>	<b>1,394</b>	<b>20</b>
≤ 12	2,090	---	---	676	1,407	7	2,088	---	---	674	1,394	20
										<b>Total trips:</b>		<b>4,178</b>
<b>LAKE CALUMET, IL</b>												
				Upbound						Downbound		
<b>Grand Total</b>	<b>721</b>	<b>18</b>	<b>7</b>	<b>139</b>	<b>513</b>	<b>44</b>	<b>657</b>	<b>18</b>	<b>7</b>	<b>134</b>	<b>453</b>	<b>45</b>
<b>FOREIGN</b>												
<b>Total</b>	<b>31</b>	<b>14</b>	<b>3</b>	<b>7</b>	<b>7</b>	---	<b>28</b>	<b>13</b>	<b>3</b>	<b>6</b>	<b>6</b>	---
24	5	5	---	---	---	---	1	1	---	---	---	---
23	3	---	---	---	3	---	2	1	---	---	1	---
22	1	1	---	---	---	---	---	---	---	---	---	---
21	2	---	1	---	1	---	3	2	---	---	1	---
20	6	3	---	3	---	---	4	1	---	3	---	---
19	4	2	1	---	1	---	1	---	1	---	---	---
18	7	1	1	3	2	---	10	3	1	3	3	---
17	1	1	---	---	---	---	3	3	---	---	---	---
16	1	1	---	---	---	---	1	1	---	---	---	---

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

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels		
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	
<b>LAKE CALUMET, IL - continued</b>													
			Upbound						Downbound				
FOREIGN													
15	—	—	—	—	—	—	1	1	—	—	—	—	
13	—	—	—	—	—	—	1	—	—	—	1	—	
≤ 12	1	—	—	1	—	—	1	—	1	—	—	—	
DOMESTIC													
<b>Total</b>	<b>690</b>	<b>4</b>	<b>4</b>	<b>132</b>	<b>506</b>	<b>44</b>	<b>629</b>	<b>5</b>	<b>4</b>	<b>128</b>	<b>447</b>	<b>45</b>	
22	1	1	—	—	—	—	—	—	—	—	—	—	
21	12	1	—	—	11	—	1	1	—	—	—	—	
20	2	2	—	—	—	—	—	—	—	—	—	—	
16	—	—	—	—	—	—	4	4	—	—	—	—	
14	1	—	—	1	—	—	1	—	—	1	—	—	
13	2	—	—	—	2	—	12	—	—	—	12	—	
≤ 12	672	—	4	131	493	44	611	—	4	127	435	45	
										<b>Total trips:</b>		<b>1,378</b>	

<b>CALUMET HARBOR AND RIVER, IL AND IN</b>												
Grand Total	Upbound						Downbound					
	5,421	286	39	2,097	2,693	306	5,391	315	39	2,095	2,695	247
FOREIGN												
<b>Total</b>	<b>143</b>	<b>99</b>	<b>3</b>	<b>20</b>	<b>12</b>	<b>9</b>	<b>134</b>	<b>94</b>	<b>3</b>	<b>18</b>	<b>13</b>	<b>6</b>
26	11	11	—	—	—	—	18	18	—	—	—	—
25	1	1	—	—	—	—	16	16	—	—	—	—
24	8	7	—	—	1	—	10	10	—	—	—	—
23	9	6	—	2	1	—	10	3	—	2	5	—
22	26	26	—	—	—	—	9	9	—	—	—	—
21	7	6	—	—	1	—	13	10	1	—	2	—
20	9	3	—	4	2	—	10	5	—	4	—	1
19	12	9	1	—	1	1	9	6	1	—	2	—
18	18	8	1	3	4	2	11	5	1	3	2	—
17	9	8	—	—	—	1	2	1	—	—	—	1
16	7	2	—	4	1	—	3	1	—	1	1	—
15	5	2	—	3	—	—	4	—	—	4	—	—
14	5	2	—	2	—	1	3	2	—	1	—	—
13	2	—	—	1	1	—	2	1	—	1	—	—
≤ 12	14	8	1	1	—	4	14	7	—	2	1	4
DOMESTIC												
<b>Total</b>	<b>5,278</b>	<b>187</b>	<b>36</b>	<b>2,077</b>	<b>2,681</b>	<b>297</b>	<b>5,257</b>	<b>221</b>	<b>36</b>	<b>2,077</b>	<b>2,682</b>	<b>241</b>
27	3	3	—	—	—	—	1	1	—	—	—	—
26	3	3	—	—	—	—	4	4	—	—	—	—
25	1	—	—	—	1	—	19	16	—	—	3	—
24	34	34	—	—	—	—	39	35	—	—	4	—
23	59	58	—	—	1	—	14	12	—	—	2	—
22	16	16	—	—	—	—	11	11	—	—	—	—
21	9	8	—	—	1	—	15	4	—	—	11	—
20	23	20	—	—	3	—	8	7	—	—	1	—
19	42	21	—	20	1	—	22	2	—	20	—	—
18	21	17	—	1	3	—	99	93	—	—	4	2
17	8	1	—	4	2	1	22	12	—	6	3	1
16	10	5	—	4	1	—	16	7	—	5	4	—
15	1	—	—	—	1	—	16	13	—	—	3	—
14	13	—	—	12	1	—	17	3	—	13	1	—
13	46	1	23	10	12	—	9	1	—	6	2	—
≤ 12	4,989	—	13	2,026	2,654	296	4,945	—	36	2,027	2,644	238
										<b>Total trips:</b>		<b>10,812</b>

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

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
<b>PORT OF CHICAGO, IL</b>												
<b>Grand Total</b>	<b>19,232</b>	<b>6,354</b>	<b>39</b>	<b>4,368</b>	<b>6,346</b>	<b>2,125</b>	<b>19,121</b>	<b>6,359</b>	<b>39</b>	<b>4,357</b>	<b>6,370</b>	<b>1,996</b>
			Inbound						Outbound			
<b>FOREIGN</b>												
<b>Total</b>	<b>134</b>	<b>94</b>	<b>3</b>	<b>18</b>	<b>13</b>	<b>6</b>	<b>143</b>	<b>99</b>	<b>3</b>	<b>20</b>	<b>12</b>	<b>9</b>
26	18	18	—	—	—	—	11	11	—	—	—	—
25	16	16	—	—	—	—	1	1	—	—	—	—
24	10	10	—	—	—	—	8	7	—	—	1	—
23	10	3	—	2	5	—	9	6	—	2	1	—
22	9	9	—	—	—	—	26	26	—	—	—	—
21	13	10	1	—	2	—	7	6	—	—	1	—
20	10	5	—	4	—	1	9	3	—	4	2	—
19	9	6	1	—	2	—	12	9	1	—	1	1
18	11	5	1	3	2	—	18	8	1	3	4	2
17	2	1	—	—	—	1	9	8	—	—	—	1
16	3	1	—	1	1	—	7	2	—	4	1	—
15	4	—	—	4	—	—	5	2	—	3	—	—
14	3	2	—	1	—	—	5	2	—	2	—	1
13	2	1	—	1	—	—	2	—	—	1	1	—
≤ 12	14	7	—	2	1	4	14	8	1	1	—	4
<b>DOMESTIC</b>												
<b>Total</b>	<b>19,098</b>	<b>6,260</b>	<b>36</b>	<b>4,350</b>	<b>6,333</b>	<b>2,119</b>	<b>18,978</b>	<b>6,260</b>	<b>36</b>	<b>4,337</b>	<b>6,358</b>	<b>1,987</b>
27	1	1	—	—	—	—	3	3	—	—	—	—
26	4	4	—	—	—	—	3	3	—	—	—	—
25	19	16	—	—	3	—	1	—	—	—	1	—
24	39	35	—	—	4	—	34	34	—	—	—	—
23	14	12	—	—	2	—	59	58	—	—	1	—
22	11	11	—	—	—	—	16	16	—	—	—	—
21	15	4	—	—	11	—	9	8	—	—	1	—
20	8	7	—	—	1	—	23	20	—	—	3	—
19	22	2	—	20	—	—	42	21	—	20	1	—
18	82	76	—	—	4	2	38	34	—	1	3	—
17	21	12	—	5	3	1	9	1	—	5	2	1
16	17	7	—	6	4	—	10	5	—	4	1	—
15	16	13	—	—	3	—	1	—	—	—	1	—
14	18	3	—	14	1	—	15	—	—	14	1	—
13	35	25	—	8	2	—	44	1	23	8	12	—
≤ 12	18,776	6,032	36	4,297	6,295	2,116	18,671	6,056	13	4,285	6,331	1,986
										<b>Total trips:</b>		<b>38,353</b>
<b>INDIANA HARBOR, IN</b>												
<b>Grand Total</b>	<b>2,259</b>	<b>258</b>	<b>233</b>	<b>690</b>	<b>770</b>	<b>308</b>	<b>2,247</b>	<b>252</b>	<b>231</b>	<b>674</b>	<b>773</b>	<b>317</b>
			Inbound						Outbound			
<b>FOREIGN</b>												
<b>Total</b>	<b>27</b>	<b>18</b>	<b>—</b>	<b>3</b>	<b>—</b>	<b>6</b>	<b>19</b>	<b>17</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>2</b>
26	11	11	—	—	—	—	1	1	—	—	—	—
25	2	2	—	—	—	—	—	—	—	—	—	—
24	1	1	—	—	—	—	—	—	—	—	—	—
23	2	2	—	—	—	—	3	3	—	—	—	—
22	2	2	—	—	—	—	11	11	—	—	—	—
21	—	—	—	—	—	—	1	1	—	—	—	—
19	1	—	—	—	—	1	—	—	—	—	—	—
18	4	—	—	—	—	4	—	—	—	—	—	—
17	—	—	—	—	—	—	1	—	—	—	—	1
16	1	—	—	1	—	—	—	—	—	—	—	—
14	2	—	—	2	—	—	1	—	—	—	—	1
≤ 12	1	—	—	—	—	1	1	1	—	—	—	—
<b>DOMESTIC</b>												
<b>Total</b>	<b>2,232</b>	<b>240</b>	<b>233</b>	<b>687</b>	<b>770</b>	<b>302</b>	<b>2,228</b>	<b>235</b>	<b>231</b>	<b>674</b>	<b>773</b>	<b>315</b>
30	1	1	—	—	—	—	—	—	—	—	—	—
29	7	7	—	—	—	—	—	—	—	—	—	—
28	59	43	—	—	16	—	—	—	—	—	—	—
27	157	146	—	—	11	—	2	2	—	—	—	—
26	46	30	—	14	2	—	12	—	—	12	—	—
25	2	2	—	—	—	—	5	3	—	1	1	—
24	5	5	—	—	—	—	3	3	—	—	—	—
23	3	2	—	—	1	—	38	36	—	1	1	—
22	14	—	—	14	—	—	41	28	—	13	—	—
21	3	3	—	—	—	—	107	107	—	—	—	—
20	—	—	—	—	—	—	10	10	—	—	—	—
19	—	—	—	—	—	—	54	14	—	—	—	40
18	54	—	—	54	—	—	107	24	—	57	—	26

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

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

**INDIANA HARBOR, IN - continued**

	Inbound						Outbound					
<b>DOMESTIC</b>												
17	18	—	—	—	—	18	43	6	—	—	—	37
16	82	1	—	56	—	25	74	2	—	46	—	26
15	3	—	—	—	—	3	26	—	—	—	—	26
14	45	—	—	43	—	2	47	—	—	44	—	3
13	5	—	—	4	—	1	76	—	71	4	—	1
≤ 12	1,728	—	233	502	740	253	1,583	—	160	496	771	156
										<b>Total trips:</b>		<b>4,506</b>

**BURNS WATERWAY HARBOR, IN**

	Inbound						Outbound					
<b>Grand Total</b>	<b>890</b>	<b>229</b>	<b>34</b>	<b>236</b>	<b>357</b>	<b>34</b>	<b>929</b>	<b>221</b>	<b>34</b>	<b>231</b>	<b>413</b>	<b>30</b>

**FOREIGN**

<b>Total</b>	<b>111</b>	<b>109</b>	<b>1</b>	<b>1</b>	—	—	<b>102</b>	<b>101</b>	<b>1</b>	—	—	—
26	38	38	—	—	—	—	9	9	—	—	—	—
25	11	11	—	—	—	—	—	—	—	—	—	—
24	4	4	—	—	—	—	—	—	—	—	—	—
23	11	11	—	—	—	—	9	9	—	—	—	—
22	12	12	—	—	—	—	31	31	—	—	—	—
21	19	19	—	—	—	—	19	19	—	—	—	—
20	8	8	—	—	—	—	16	16	—	—	—	—
19	3	2	1	—	—	—	11	10	1	—	—	—
18	1	1	—	—	—	—	4	4	—	—	—	—
17	2	2	—	—	—	—	1	1	—	—	—	—
16	—	—	—	—	—	—	2	2	—	—	—	—
13	1	—	—	1	—	—	—	—	—	—	—	—
≤ 12	1	1	—	—	—	—	—	—	—	—	—	—

**DOMESTIC**

<b>Total</b>	<b>779</b>	<b>120</b>	<b>33</b>	<b>235</b>	<b>357</b>	<b>34</b>	<b>827</b>	<b>120</b>	<b>33</b>	<b>231</b>	<b>413</b>	<b>30</b>
29	1	1	—	—	—	—	—	—	—	—	—	—
28	2	2	—	—	—	—	—	—	—	—	—	—
27	59	59	—	—	—	—	5	5	—	—	—	—
26	40	40	—	—	—	—	—	—	—	—	—	—
25	16	16	—	—	—	—	—	—	—	—	—	—
24	1	1	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	59	58	—	—	1	—
21	2	1	1	—	—	—	1	1	—	—	—	—
20	—	—	—	—	—	—	2	1	—	—	—	—
19	—	—	—	—	—	—	16	14	—	—	1	—
18	—	—	—	—	—	—	20	19	—	—	1	—
17	5	—	—	—	5	—	11	11	—	—	—	—
16	2	—	—	—	—	2	3	3	—	—	—	—
15	—	—	—	—	—	—	8	8	—	—	—	—
14	5	—	—	4	—	1	4	—	—	4	—	—
13	—	—	—	—	—	—	19	—	19	—	—	—
≤ 12	646	—	32	231	352	31	679	—	14	227	408	30
										<b>Total trips:</b>		<b>1,819</b>

**CHICAGO HARBOR, IL  
(16 feet and less)**

	Upbound						Downbound					
<b>Grand Total</b>	<b>6,227</b>	<b>6,056</b>	<b>—</b>	<b>158</b>	<b>11</b>	<b>2</b>	<b>6,196</b>	<b>6,056</b>	<b>—</b>	<b>129</b>	<b>11</b>	<b>—</b>
										<b>Total trips:</b>		<b>12,423</b>

**MICHIGAN CITY HARBOR, IN  
No Vessel Trips Reported**

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

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
<b>BUFFINGTON HARBOR, IN</b> (27 feet and less)												
				Inbound						Outbound		
<b>Grand Total</b>	<b>63</b>	<b>51</b>	<b>10</b>	<b>2</b>	---	---	<b>64</b>	<b>52</b>	<b>10</b>	<b>2</b>	---	---
										<b>Total trips:</b>	---	<b>127</b>
<b>GARY HARBOR, IN</b> (28 feet and less)												
				Inbound						Outbound		
<b>Grand Total</b>	<b>779</b>	<b>144</b>	<b>35</b>	<b>286</b>	<b>314</b>	---	<b>767</b>	<b>140</b>	<b>35</b>	<b>294</b>	<b>298</b>	---
										trips:		<b>1,546</b>

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

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

**TWO HARBORS (AGATE BAY), MN**

	Inbound						Outbound					
<b>Grand Total</b>	<b>345</b>	<b>258</b>	---	<b>43</b>	<b>43</b>	<b>1</b>	<b>348</b>	<b>258</b>	---	<b>45</b>	<b>45</b>	---
<b>FOREIGN</b>												
<b>Total</b>	<b>9</b>	<b>8</b>	---	---	---	<b>1</b>	<b>4</b>	<b>4</b>	---	---	---	---
24	1	1	---	---	---	---	---	---	---	---	---	---
23	2	2	---	---	---	---	4	4	---	---	---	---
22	3	2	---	---	---	1	---	---	---	---	---	---
21	3	3	---	---	---	---	---	---	---	---	---	---
<b>DOMESTIC</b>												
<b>Total</b>	<b>336</b>	<b>250</b>	---	<b>43</b>	<b>43</b>	---	<b>344</b>	<b>254</b>	---	<b>45</b>	<b>45</b>	---
30	---	---	---	---	---	---	1	1	---	---	---	---
28	---	---	---	---	---	---	22	18	---	---	4	---
27	---	---	---	---	---	---	230	199	---	---	31	---
26	37	1	---	36	---	---	78	35	---	36	7	---
25	16	9	---	7	---	---	9	---	---	9	---	---
24	104	96	---	---	8	---	---	---	---	---	---	---
23	59	29	---	---	30	---	3	---	---	---	3	---
22	42	38	---	---	4	---	1	1	---	---	---	---
21	24	24	---	---	---	---	---	---	---	---	---	---
20	24	24	---	---	---	---	---	---	---	---	---	---
19	14	14	---	---	---	---	---	---	---	---	---	---
18	9	9	---	---	---	---	---	---	---	---	---	---
17	6	6	---	---	---	---	---	---	---	---	---	---
≤ 12	1	---	---	---	1	---	---	---	---	---	---	---
<b>Total trips:</b>											<b>693</b>	

**DULUTH-SUPERIOR HARBOR, MN AND WI**

	Inbound						Outbound					
<b>Grand Total</b>	<b>1,222</b>	<b>1,102</b>	<b>3</b>	<b>48</b>	<b>66</b>	<b>3</b>	<b>1,235</b>	<b>1,117</b>	<b>3</b>	<b>51</b>	<b>62</b>	<b>2</b>
<b>FOREIGN</b>												
<b>Total</b>	<b>529</b>	<b>468</b>	<b>3</b>	<b>22</b>	<b>36</b>	---	<b>550</b>	<b>490</b>	<b>3</b>	<b>23</b>	<b>34</b>	---
29	---	---	---	---	---	---	1	1	---	---	---	---
27	2	2	---	---	---	---	67	67	---	---	---	---
26	16	16	---	---	---	---	342	341	---	---	1	---
25	7	7	---	---	---	---	31	30	---	---	1	---
24	59	59	---	---	---	---	8	8	---	---	---	---
23	153	152	---	---	1	---	7	7	---	---	---	---
22	92	89	2	1	---	---	16	15	---	---	1	---
21	47	47	---	---	---	---	8	8	---	---	---	---
20	52	52	---	---	---	---	7	7	---	---	---	---
19	16	15	1	---	---	---	6	3	3	---	---	---
18	14	14	---	---	---	---	---	---	---	---	---	---
17	5	3	---	2	---	---	3	---	---	3	---	---
16	9	5	---	1	3	---	4	2	---	1	1	---
15	6	3	---	1	2	---	2	1	---	1	---	---
14	1	1	---	---	---	---	---	---	---	---	---	---
13	12	1	---	10	1	---	9	---	---	9	---	---
≤ 12	38	2	---	7	29	---	39	---	---	9	30	---
<b>DOMESTIC</b>												
<b>Total</b>	<b>693</b>	<b>634</b>	---	<b>26</b>	<b>30</b>	<b>3</b>	<b>685</b>	<b>627</b>	---	<b>28</b>	<b>28</b>	<b>2</b>
30	---	---	---	---	---	---	6	6	---	---	---	---
29	---	---	---	---	---	---	3	3	---	---	---	---
28	7	3	---	---	4	---	35	27	---	---	8	---
27	7	6	---	---	1	---	325	313	---	---	12	---
26	37	27	---	10	---	---	132	120	---	10	2	---
25	49	45	---	2	2	---	12	11	---	1	---	---
24	24	22	---	---	2	---	17	17	---	---	---	---
23	132	130	---	---	2	---	21	17	---	---	4	---
22	121	107	---	14	---	---	40	25	---	15	---	---
21	12	12	---	---	---	---	10	10	---	---	---	---
20	48	48	---	---	---	---	35	35	---	---	---	---
19	66	66	---	---	---	---	18	18	---	---	---	---
18	97	97	---	---	---	---	20	20	---	---	---	---
17	53	53	---	---	---	---	2	2	---	---	---	---



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

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
<b>DULUTH-SUPERIOR HARBOR, MN AND WI - continued</b>												
	Inbound						Outbound					
DOMESTIC												
16	13	10	—	—	—	3	1	1	—	—	—	—
15	2	2	—	—	—	—	1	1	—	—	—	—
≤ 12	25	6	—	—	19	—	7	1	—	2	2	2
										<b>Total trips:</b>		<b>2,457</b>
<b>TACONITE HARBOR, MN</b>												
	Inbound						Outbound					
<b>Grand Total</b>	<b>12</b>	<b>12</b>	—	—	—	—	<b>12</b>	<b>12</b>	—	—	—	—
FOREIGN												
<b>Total</b>	<b>1</b>	<b>1</b>	—	—	—	—	<b>1</b>	<b>1</b>	—	—	—	—
24	1	1	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	1	1	—	—	—	—
DOMESTIC												
<b>Total</b>	<b>11</b>	<b>11</b>	—	—	—	—	<b>11</b>	<b>11</b>	—	—	—	—
27	6	6	—	—	—	—	—	—	—	—	—	—
26	4	4	—	—	—	—	—	—	—	—	—	—
24	1	1	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	11	11	—	—	—	—
										<b>Total trips:</b>		<b>24</b>
<b>PRESQUE ISLE HARBOR, MI</b>												
	Inbound						Outbound					
<b>Grand Total</b>	<b>387</b>	<b>344</b>	—	<b>22</b>	<b>21</b>	—	<b>382</b>	<b>341</b>	—	<b>20</b>	<b>21</b>	—
FOREIGN												
<b>Total</b>	<b>88</b>	<b>88</b>	—	—	—	—	<b>84</b>	<b>84</b>	—	—	—	—
24	1	1	—	—	—	—	—	—	—	—	—	—
23	1	1	—	—	—	—	53	53	—	—	—	—
22	27	27	—	—	—	—	24	24	—	—	—	—
21	53	53	—	—	—	—	7	7	—	—	—	—
20	3	3	—	—	—	—	—	—	—	—	—	—
19	3	3	—	—	—	—	—	—	—	—	—	—
DOMESTIC												
<b>Total</b>	<b>299</b>	<b>256</b>	—	<b>22</b>	<b>21</b>	—	<b>298</b>	<b>257</b>	—	<b>20</b>	<b>21</b>	—
30	—	—	—	—	—	—	6	6	—	—	—	—
29	—	—	—	—	—	—	3	3	—	—	—	—
28	—	—	—	—	—	—	14	10	—	—	4	—
27	16	16	—	—	—	—	152	138	—	—	14	—
26	20	2	—	<b>18</b>	—	—	69	50	—	<b>16</b>	<b>3</b>	—
25	1	1	—	—	—	—	1	1	—	—	—	—
24	24	24	—	—	—	—	4	4	—	—	—	—
23	23	23	—	—	—	—	23	23	—	—	—	—
22	6	2	—	<b>4</b>	—	—	5	1	—	<b>4</b>	—	—
21	15	15	—	—	—	—	1	1	—	—	—	—
20	8	8	—	—	—	—	—	—	—	—	—	—
19	9	9	—	—	—	—	—	—	—	—	—	—
18	123	123	—	—	—	—	20	20	—	—	—	—
17	20	20	—	—	—	—	—	—	—	—	—	—
16	8	8	—	—	—	—	—	—	—	—	—	—
15	3	3	—	—	—	—	—	—	—	—	—	—
14	1	1	—	—	—	—	—	—	—	—	—	—
13	1	1	—	—	—	—	—	—	—	—	—	—
≤ 12	21	—	—	—	21	—	—	—	—	—	—	—
										<b>Total trips:</b>		<b>769</b>

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

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels		
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	
<b>MARQUETTE HARBOR, MI</b>													
				Inbound						Outbound			
<b>Grand Total</b>	<b>42</b>	<b>42</b>	---	---	---	---	<b>42</b>	<b>42</b>	---	---	---	---	
<b>FOREIGN</b>													
<b>Total</b>	<b>5</b>	<b>5</b>	---	---	---	---	<b>3</b>	<b>3</b>	---	---	---	---	
23	1	1	---	---	---	---	1	1	---	---	---	---	
22	2	2	---	---	---	---	---	---	---	---	---	---	
19	2	2	---	---	---	---	2	2	---	---	---	---	
<b>DOMESTIC</b>													
<b>Total</b>	<b>37</b>	<b>37</b>	---	---	---	---	<b>39</b>	<b>39</b>	---	---	---	---	
27	1	1	---	---	---	---	---	---	---	---	---	---	
26	1	1	---	---	---	---	---	---	---	---	---	---	
23	20	20	---	---	---	---	---	---	---	---	---	---	
22	7	7	---	---	---	---	---	---	---	---	---	---	
21	8	8	---	---	---	---	1	1	---	---	---	---	
20	---	---	---	---	---	---	1	1	---	---	---	---	
19	---	---	---	---	---	---	4	4	---	---	---	---	
18	---	---	---	---	---	---	14	14	---	---	---	---	
17	---	---	---	---	---	---	18	18	---	---	---	---	
16	---	---	---	---	---	---	1	1	---	---	---	---	
										<b>Total trips:</b>		<b>84</b>	

<b>DRUMMOND ISLAND, MI</b>													
				Inbound						Outbound			
<b>Grand Total</b>	<b>21,785</b>	<b>21,779</b>	---	<b>2</b>	<b>4</b>	---	<b>21,783</b>	<b>21,777</b>	---	<b>2</b>	<b>4</b>	---	
<b>FOREIGN</b>													
<b>Total</b>	<b>15</b>	<b>15</b>	---	---	---	---	<b>15</b>	<b>15</b>	---	---	---	---	
25	---	---	---	---	---	---	1	1	---	---	---	---	
24	---	---	---	---	---	---	2	2	---	---	---	---	
23	---	---	---	---	---	---	11	11	---	---	---	---	
21	1	1	---	---	---	---	---	---	---	---	---	---	
20	---	---	---	---	---	---	1	1	---	---	---	---	
18	12	12	---	---	---	---	---	---	---	---	---	---	
17	2	2	---	---	---	---	---	---	---	---	---	---	
<b>DOMESTIC</b>													
<b>Total</b>	<b>21,770</b>	<b>21,764</b>	---	<b>2</b>	<b>4</b>	---	<b>21,768</b>	<b>21,762</b>	---	<b>2</b>	<b>4</b>	---	
28	---	---	---	---	---	---	1	1	---	---	---	---	
27	---	---	---	---	---	---	1	1	---	---	---	---	
26	---	---	---	---	---	---	2	2	---	---	---	---	
25	---	---	---	---	---	---	3	3	---	---	---	---	
24	---	---	---	---	---	---	9	9	---	---	---	---	
23	2	2	---	---	---	---	16	13	---	---	3	---	
22	2	2	---	---	---	---	10	9	---	---	1	---	
21	2	2	---	---	---	---	4	4	---	---	---	---	
20	1	1	---	---	---	---	---	---	---	---	---	---	
19	1	1	---	---	---	---	3	3	---	---	---	---	
18	16	14	---	---	2	---	---	---	---	---	---	---	
17	19	15	---	2	2	---	2	---	2	---	---	---	
16	5	5	---	---	---	---	---	---	---	---	---	---	
15	4	4	---	---	---	---	---	---	---	---	---	---	
13	1	1	---	---	---	---	---	---	---	---	---	---	
≤ 12	21,717	21,717	---	---	---	---	21,717	21,717	---	---	---	---	
										<b>Total trips:</b>		<b>43,568</b>	

<b>ST. MARYS RIVER, MI</b>													
				Upbound						Downbound			
<b>Grand Total</b>	<b>65,919</b>	<b>65,468</b>	<b>4</b>	<b>228</b>	<b>213</b>	<b>6</b>	<b>65,812</b>	<b>65,388</b>	<b>4</b>	<b>210</b>	<b>207</b>	<b>3</b>	
<b>FOREIGN</b>													
<b>Total</b>	<b>1,136</b>	<b>871</b>	<b>4</b>	<b>139</b>	<b>119</b>	<b>3</b>	<b>1,039</b>	<b>790</b>	<b>4</b>	<b>124</b>	<b>120</b>	<b>1</b>	
31	1	1	---	---	---	---	---	---	---	---	---	---	
29	---	---	---	---	---	---	1	1	---	---	---	---	

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

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
<b>ST. MARYS RIVER, MI - continued</b>												
	Upbound						Downbound					
FOREIGN												
28	1	—	1	—	—	—	—	—	—	—	—	—
27	4	4	—	—	—	—	69	69	—	—	—	—
26	28	28	—	—	—	—	403	402	—	—	—	—
25	24	24	—	—	—	—	75	74	—	—	1	—
24	74	74	—	—	—	—	21	21	—	—	—	—
23	233	228	—	2	3	—	147	97	—	2	48	—
22	187	183	2	—	1	1	55	54	—	—	1	—
21	133	130	—	—	3	—	29	24	—	—	5	—
20	79	64	—	6	9	—	23	7	—	8	8	—
19	71	50	1	4	16	—	26	17	4	2	3	—
18	121	45	—	55	21	—	57	2	—	53	2	—
17	17	11	—	3	2	1	10	3	—	5	2	—
16	11	5	—	3	3	—	14	3	—	2	9	—
15	14	5	—	—	9	—	17	—	—	6	11	—
14	48	—	—	22	26	—	15	1	—	14	—	—
13	9	2	—	6	1	—	7	—	—	7	—	—
≤ 12	81	17	—	38	25	1	70	15	—	25	29	1
DOMESTIC												
<b>Total</b>	<b>64,783</b>	<b>64,597</b>	<b>—</b>	<b>89</b>	<b>94</b>	<b>3</b>	<b>64,773</b>	<b>64,598</b>	<b>—</b>	<b>86</b>	<b>87</b>	<b>2</b>
30	—	—	—	—	—	—	30	30	—	—	—	—
29	—	—	—	—	—	—	6	6	—	—	—	—
28	8	5	—	—	3	—	76	60	—	—	16	—
27	9	7	—	—	2	—	737	680	—	—	57	—
26	89	28	—	61	—	—	328	257	—	59	12	—
25	68	59	—	7	2	—	21	13	—	8	—	—
24	159	149	—	—	10	—	18	18	—	—	—	—
23	197	167	—	—	30	—	8	6	—	—	2	—
22	160	139	—	16	5	—	26	10	—	16	—	—
21	67	67	—	—	—	—	3	3	—	—	—	—
20	61	61	—	—	—	—	14	14	—	—	—	—
19	91	91	—	—	—	—	5	5	—	—	—	—
18	270	268	—	—	2	—	14	14	—	—	—	—
17	91	85	—	4	2	—	—	—	—	—	—	—
16	36	33	—	—	—	3	—	—	—	—	—	—
15	22	22	—	—	—	—	—	—	—	—	—	—
14	1	1	—	—	—	—	—	—	—	—	—	—
13	3	3	—	—	—	—	—	—	—	—	—	—
≤ 12	63,451	63,412	—	1	38	—	63,487	63,482	—	3	—	2
										<b>Total trips:</b>	<b>131,731</b>	

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

Grand Total	Upbound						Downbound					
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
<b>Grand Total</b>	<b>2,108</b>	<b>1,790</b>	<b>4</b>	<b>155</b>	<b>154</b>	<b>5</b>	<b>2,077</b>	<b>1,762</b>	<b>4</b>	<b>156</b>	<b>153</b>	<b>2</b>
FOREIGN												
<b>Total</b>	<b>822</b>	<b>677</b>	<b>4</b>	<b>71</b>	<b>68</b>	<b>2</b>	<b>786</b>	<b>645</b>	<b>4</b>	<b>71</b>	<b>66</b>	<b>—</b>
29	—	—	—	—	—	—	1	1	—	—	—	—
28	1	—	1	—	—	—	—	—	—	—	—	—
27	3	3	—	—	—	—	69	69	—	—	—	—
26	23	23	—	—	—	—	370	369	—	—	1	—
25	10	10	—	—	—	—	43	42	—	—	1	—
24	71	71	—	—	—	—	10	10	—	—	—	—
23	175	174	—	—	1	—	118	79	—	—	39	—
22	142	139	2	—	—	1	41	41	—	—	—	—
21	121	120	—	—	1	—	20	18	—	—	2	—
20	61	61	—	—	—	—	7	4	—	—	3	—
19	37	35	1	1	—	—	14	9	4	1	—	—
18	71	22	—	34	15	—	36	—	—	36	—	—
17	7	5	—	1	1	—	4	1	—	1	2	—
16	10	5	—	3	2	—	12	2	—	1	9	—
15	13	5	—	—	8	—	8	—	—	5	3	—
14	43	—	—	17	26	—	11	—	—	11	—	—
13	8	2	—	6	—	—	7	—	—	7	—	—
≤ 12	26	2	—	9	14	1	15	—	—	9	6	—

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

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

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

DOMESTIC

<b>Total</b>	<b>1,286</b>	<b>1,113</b>	<b>---</b>	<b>84</b>	<b>86</b>	<b>3</b>	<b>1,291</b>	<b>1,117</b>	<b>---</b>	<b>85</b>	<b>87</b>	<b>2</b>
30	---	---	---	---	---	---	30	30	---	---	---	---
29	---	---	---	---	---	---	6	6	---	---	---	---
28	7	4	---	---	3	---	76	60	---	---	16	---
27	8	6	---	---	2	---	737	680	---	---	57	---
26	87	26	---	61	---	---	328	257	---	59	12	---
25	65	56	---	7	2	---	21	13	---	8	---	---
24	150	140	---	---	10	---	18	18	---	---	---	---
23	187	160	---	---	27	---	8	6	---	---	2	---
22	150	130	---	16	4	---	26	10	---	16	---	---
21	64	64	---	---	---	---	3	3	---	---	---	---
20	60	60	---	---	---	---	14	14	---	---	---	---
19	87	87	---	---	---	---	5	5	---	---	---	---
18	254	254	---	---	---	---	14	14	---	---	---	---
17	70	70	---	---	---	---	---	---	---	---	---	---
16	31	28	---	---	---	3	---	---	---	---	---	---
15	18	18	---	---	---	---	---	---	---	---	---	---
14	1	1	---	---	---	---	---	---	---	---	---	---
13	2	2	---	---	---	---	---	---	---	---	---	---
≤ 12	45	7	---	---	38	---	5	1	---	2	---	2
										<b>Total trips:</b>		<b>4,185</b>

**GRAYS REEF PASSAGE, MI**

Grand Total	Upbound						Downbound					
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
<b>Grand Total</b>	<b>1,126</b>	<b>629</b>	<b>---</b>	<b>219</b>	<b>161</b>	<b>117</b>	<b>1,043</b>	<b>614</b>	<b>7</b>	<b>204</b>	<b>117</b>	<b>101</b>

FOREIGN

<b>Total</b>	<b>26</b>	<b>2</b>	<b>---</b>	<b>12</b>	<b>12</b>	<b>---</b>	<b>24</b>	<b>2</b>	<b>---</b>	<b>11</b>	<b>11</b>	<b>---</b>
21	1	1	---	---	---	---	---	1	---	---	---	---
20	---	---	---	---	---	---	1	---	---	---	---	---
19	16	1	---	3	12	---	1	---	---	1	---	---
18	9	---	---	9	---	---	6	---	---	6	---	---
17	---	---	---	---	---	---	2	---	---	2	---	---
16	---	---	---	---	---	---	1	1	---	---	---	---
≤ 12	---	---	---	---	---	---	13	---	---	2	11	---

DOMESTIC

<b>Total</b>	<b>1,100</b>	<b>627</b>	<b>---</b>	<b>207</b>	<b>149</b>	<b>117</b>	<b>1,019</b>	<b>612</b>	<b>7</b>	<b>193</b>	<b>106</b>	<b>101</b>
25	42	38	---	3	1	---	76	59	---	3	14	---
24	104	95	---	---	9	---	104	72	---	---	32	---
23	114	89	---	---	25	---	82	69	---	---	13	---
22	112	91	---	18	3	---	128	104	---	18	6	---
21	57	43	---	---	14	---	93	88	1	---	4	---
20	48	46	---	---	2	---	93	85	---	---	8	---
19	99	56	---	37	2	4	71	24	---	45	1	1
18	93	53	---	29	7	4	85	52	---	27	4	2
17	119	49	---	7	15	48	55	24	---	7	3	21
16	161	39	---	56	28	38	105	31	---	47	1	26
15	46	18	---	---	13	15	4	3	---	---	---	1
14	27	3	---	20	3	1	20	---	---	20	---	---
13	9	4	---	4	---	1	19	1	---	4	13	1
≤ 12	69	3	---	33	27	6	84	---	6	22	7	49
										<b>Total trips:</b>		<b>2,169</b>

**CHARLEVOIX HARBOR, MI**

Grand Total	Inbound						Outbound					
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
<b>Grand Total</b>	<b>587</b>	<b>456</b>	<b>---</b>	<b>63</b>	<b>68</b>	<b>---</b>	<b>599</b>	<b>458</b>	<b>---</b>	<b>69</b>	<b>72</b>	<b>---</b>

FOREIGN

<b>Total</b>	<b>24</b>	<b>2</b>	<b>---</b>	<b>11</b>	<b>11</b>	<b>---</b>	<b>26</b>	<b>2</b>	<b>---</b>	<b>12</b>	<b>12</b>	<b>---</b>
21	---	---	---	---	---	---	1	1	---	---	---	---
20	1	1	---	---	---	---	---	---	---	---	---	---
19	1	---	---	1	---	---	16	1	---	3	12	---
18	6	---	---	6	---	---	9	---	---	9	---	---

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

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
<b>CHARLEVOIX HARBOR, MI - continued</b>												
	Inbound						Outbound					
FOREIGN												
17	2	—	—	2	—	—	—	—	—	—	—	—
16	1	1	—	—	—	—	—	—	—	—	—	—
11	—	—	—	1	1	—	—	—	—	—	—	—
10	11	—	—	1	10	—	—	—	—	—	—	—
DOMESTIC												
<b>Total</b>	<b>563</b>	<b>454</b>	<b>—</b>	<b>52</b>	<b>57</b>	<b>—</b>	<b>573</b>	<b>456</b>	<b>—</b>	<b>57</b>	<b>60</b>	<b>—</b>
23	7	7	—	—	—	—	—	—	—	—	—	—
22	3	3	—	—	—	—	3	3	—	—	—	—
21	2	1	—	—	1	—	66	38	—	—	28	—
20	1	1	—	—	—	—	29	16	—	—	13	—
19	—	—	—	—	—	—	2	2	—	—	—	—
18	3	3	—	—	—	—	2	—	—	—	2	—
17	2	2	—	—	—	—	13	7	—	—	6	—
16	53	53	—	—	—	—	2	—	—	—	2	—
15	—	—	—	—	—	—	6	3	—	—	3	—
14	—	—	—	—	—	—	3	—	—	—	3	—
13	56	—	—	—	56	—	3	—	—	—	3	—
12	5	—	—	5	—	—	6	1	—	5	—	—
11	18	—	—	18	—	—	22	—	—	22	—	—
9	29	—	—	29	—	—	30	—	—	30	—	—
8	384	384	—	—	—	—	385	385	—	—	—	—
7	—	—	—	—	—	—	1	1	—	—	—	—
										<b>Total trips:</b>		<b>1,186</b>

<b>MANISTEE HARBOR, MI</b>												
	Inbound						Outbound					
<b>Grand Total</b>	<b>128</b>	<b>43</b>	<b>61</b>	<b>14</b>	<b>10</b>	<b>—</b>	<b>125</b>	<b>44</b>	<b>58</b>	<b>13</b>	<b>10</b>	<b>—</b>
FOREIGN												
<b>Total</b>	<b>88</b>	<b>12</b>	<b>54</b>	<b>13</b>	<b>9</b>	<b>—</b>	<b>91</b>	<b>13</b>	<b>57</b>	<b>12</b>	<b>9</b>	<b>—</b>
23	3	3	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	5	4	1	—	—	—
21	—	—	—	—	—	—	39	—	39	—	—	—
20	4	3	1	—	—	—	25	7	10	—	8	—
19	38	1	36	—	1	—	9	1	7	—	1	—
18	2	—	2	—	—	—	—	—	—	—	—	—
16	3	—	3	—	—	—	—	—	—	—	—	—
15	17	—	10	7	—	—	6	—	—	6	—	—
14	6	1	2	2	1	—	2	—	—	2	—	—
13	4	—	—	4	—	—	5	1	—	4	—	—
≤ 12	11	4	—	—	7	—	—	—	—	—	—	—
DOMESTIC												
<b>Total</b>	<b>40</b>	<b>31</b>	<b>7</b>	<b>1</b>	<b>1</b>	<b>—</b>	<b>34</b>	<b>31</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>—</b>
24	4	4	—	—	—	—	—	—	—	—	—	—
23	7	7	—	—	—	—	—	—	—	—	—	—
22	3	3	—	—	—	—	2	2	—	—	—	—
21	8	7	—	—	1	—	1	—	1	—	—	—
20	1	1	—	—	—	—	—	—	—	—	—	—
19	5	5	—	—	—	—	—	—	—	—	—	—
18	2	2	—	—	—	—	—	—	—	—	—	—
17	2	2	—	—	—	—	17	16	—	—	1	—
16	—	—	—	—	—	—	4	4	—	—	—	—
15	1	—	—	1	—	—	9	8	—	1	—	—
14	—	—	—	—	—	—	1	1	—	—	—	—
≤ 12	7	—	7	—	—	—	—	—	—	—	—	—
										<b>Total trips:</b>		<b>253</b>

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

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

**LUDINGTON HARBOR, MI**

	Inbound						Outbound					
<b>Grand Total</b>	<b>315</b>	<b>250</b>	<b>---</b>	<b>34</b>	<b>---</b>	<b>31</b>	<b>318</b>	<b>249</b>	<b>---</b>	<b>35</b>	<b>---</b>	<b>34</b>
<b>FOREIGN</b>												
<b>Total</b>	<b>14</b>	<b>8</b>	<b>---</b>	<b>3</b>	<b>---</b>	<b>3</b>	<b>13</b>	<b>7</b>	<b>---</b>	<b>3</b>	<b>---</b>	<b>3</b>
25	4	4	---	---	---	---	---	---	---	---	---	---
24	2	2	---	---	---	---	---	---	---	---	---	---
23	1	1	---	---	---	---	1	1	---	---	---	---
22	1	1	---	---	---	---	2	2	---	---	---	---
21	---	---	---	---	---	---	1	1	---	---	---	---
20	---	---	---	---	---	---	1	1	---	---	---	---
19	---	---	---	---	---	---	1	1	---	---	---	---
18	---	---	---	---	---	---	1	1	---	---	---	---
17	---	---	---	---	---	---	3	---	---	---	---	3
14	3	---	---	3	---	---	3	---	---	3	---	---
≤ 12	3	---	---	---	---	3	---	---	---	---	---	---
<b>DOMESTIC</b>												
<b>Total</b>	<b>301</b>	<b>242</b>	<b>---</b>	<b>31</b>	<b>---</b>	<b>28</b>	<b>305</b>	<b>242</b>	<b>---</b>	<b>32</b>	<b>---</b>	<b>31</b>
25	1	1	---	---	---	---	---	---	---	---	---	---
24	2	2	---	---	---	---	---	---	---	---	---	---
22	1	1	---	---	---	---	1	1	---	---	---	---
21	---	---	---	---	---	---	1	1	---	---	---	---
19	238	238	---	---	---	---	239	239	---	---	---	---
18	---	---	---	---	---	---	1	1	---	---	---	---
16	---	---	---	---	---	---	11	---	---	---	---	11
15	---	---	---	---	---	---	4	---	---	---	---	4
14	11	---	---	11	---	---	14	---	---	11	---	3
≤ 12	48	---	---	20	---	28	34	---	---	21	---	13
											<b>Total trips:</b>	<b>633</b>

**MUSKEGON HARBOR, MI**

	Inbound						Outbound					
<b>Grand Total</b>	<b>152</b>	<b>117</b>	<b>---</b>	<b>13</b>	<b>21</b>	<b>1</b>	<b>141</b>	<b>110</b>	<b>---</b>	<b>11</b>	<b>20</b>	<b>---</b>
<b>FOREIGN</b>												
<b>Total</b>	<b>17</b>	<b>17</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>15</b>	<b>14</b>	<b>---</b>	<b>---</b>	<b>1</b>	<b>---</b>
25	5	5	---	---	---	---	---	---	---	---	---	---
24	4	4	---	---	---	---	---	---	---	---	---	---
23	5	5	---	---	---	---	2	2	---	---	---	---
22	1	1	---	---	---	---	6	6	---	---	---	---
21	---	---	---	---	---	---	1	1	---	---	---	---
20	---	---	---	---	---	---	2	2	---	---	---	---
19	---	---	---	---	---	---	1	1	---	---	---	---
18	2	2	---	---	---	---	2	2	---	---	---	---
≤ 12	---	---	---	---	---	---	1	---	---	---	1	---
<b>DOMESTIC</b>												
<b>Total</b>	<b>135</b>	<b>100</b>	<b>---</b>	<b>13</b>	<b>21</b>	<b>1</b>	<b>126</b>	<b>96</b>	<b>---</b>	<b>11</b>	<b>19</b>	<b>---</b>
28	1	1	---	---	---	---	---	---	---	---	---	---
27	11	11	---	---	---	---	---	---	---	---	---	---
26	5	2	---	2	1	---	1	---	1	---	---	---
25	7	6	---	---	1	---	2	1	---	1	---	---
24	12	9	---	---	3	---	---	---	---	---	---	---
23	11	8	---	---	3	---	4	4	---	---	---	---
22	15	15	---	---	---	---	4	4	---	---	---	---
21	12	11	---	---	1	---	7	6	---	---	1	---
20	20	19	---	---	1	---	15	13	---	---	2	---
19	22	13	---	9	---	---	18	12	---	6	---	---
18	7	3	---	1	3	---	11	10	---	---	1	---
17	3	---	---	1	2	---	30	24	---	2	---	---
16	5	2	---	---	3	---	22	16	---	1	---	5
15	3	---	---	---	3	---	10	6	---	---	---	4
14	---	---	---	---	---	---	1	---	---	---	---	1
≤ 12	1	---	---	---	---	1	1	---	---	---	1	---
											<b>Total trips:</b>	<b>293</b>

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

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
<b>GRAND HAVEN HARBOR AND GRAND RIVER, MI</b>												
Upbound						Downbound						
<b>Grand Total</b>	<b>83</b>	<b>49</b>	---	<b>19</b>	<b>15</b>	---	<b>99</b>	<b>55</b>	---	<b>24</b>	<b>20</b>	---
FOREIGN												
<b>Total</b>	<b>18</b>	<b>14</b>	---	<b>2</b>	<b>2</b>	---	<b>33</b>	<b>19</b>	---	<b>7</b>	<b>7</b>	---
25	2	2	---	---	---	---	1	1	---	---	---	---
23	3	3	---	---	---	---	1	---	---	---	1	---
22	1	1	---	---	---	---	6	6	---	---	---	---
21	1	1	---	---	---	---	---	---	---	---	---	---
20	5	5	---	---	---	---	2	1	---	---	1	---
19	2	2	---	---	---	---	8	7	---	---	1	---
18	3	---	---	2	1	---	7	3	---	3	1	---
17	---	---	---	---	---	---	1	1	---	---	---	---
16	---	---	---	---	---	---	2	---	---	---	2	---
≤ 12	1	---	---	---	1	---	5	---	---	4	1	---
DOMESTIC												
<b>Total</b>	<b>65</b>	<b>35</b>	---	<b>17</b>	<b>13</b>	---	<b>66</b>	<b>36</b>	---	<b>17</b>	<b>13</b>	---
25	4	---	---	3	1	---	3	---	---	3	---	---
23	2	2	---	---	---	---	---	---	---	---	---	---
21	12	9	---	---	3	---	5	4	---	---	1	---
20	3	2	---	---	1	---	1	1	---	---	---	---
19	10	10	---	---	---	---	6	6	---	---	---	---
18	5	5	---	---	---	---	3	3	---	---	---	---
17	6	6	---	---	---	---	7	7	---	---	---	---
16	1	---	---	---	1	---	8	8	---	---	---	---
15	4	1	---	---	3	---	6	6	---	---	---	---
14	2	---	---	1	1	---	2	1	---	1	---	---
13	2	---	---	---	2	---	8	---	---	---	8	---
≤ 12	14	---	---	13	1	---	17	---	---	13	4	---
											<b>Total trips:</b>	<b>182</b>
<b>HOLLAND HARBOR, MI</b>												
Inbound						Outbound						
<b>Grand Total</b>	<b>58</b>	<b>44</b>	---	<b>5</b>	<b>9</b>	---	<b>61</b>	<b>45</b>	---	<b>6</b>	<b>10</b>	---
DOMESTIC												
<b>Total</b>	<b>58</b>	<b>44</b>	---	<b>5</b>	<b>9</b>	---	<b>61</b>	<b>45</b>	---	<b>6</b>	<b>10</b>	---
23	5	4	---	---	1	---	---	---	---	---	---	---
22	2	2	---	---	---	---	---	---	---	---	---	---
21	1	1	---	---	---	---	1	1	---	---	---	---
20	7	5	---	---	2	---	---	---	---	---	---	---
19	15	14	---	---	1	---	2	2	---	---	---	---
18	11	7	---	1	3	---	10	6	---	1	3	---
17	11	9	---	2	---	---	25	18	---	2	5	---
16	---	---	---	---	---	---	9	9	---	---	---	---
15	2	2	---	---	---	---	6	6	---	---	---	---
14	2	---	---	2	---	---	3	1	---	2	---	---
13	---	---	---	---	---	---	2	2	---	---	---	---
10	---	---	---	---	---	---	1	---	---	---	1	---
9	---	---	---	---	---	---	1	---	---	---	1	---
7	---	---	---	---	---	---	1	---	---	1	---	---
3	1	---	---	---	1	---	---	---	---	---	---	---
2	1	---	---	---	1	---	---	---	---	---	---	---
											<b>Total trips:</b>	<b>119</b>
<b>ST. JOSEPH HARBOR, MI</b>												
Upbound						Downbound						
<b>Grand Total</b>	<b>86</b>	<b>44</b>	---	<b>20</b>	<b>22</b>	---	<b>80</b>	<b>35</b>	---	<b>20</b>	<b>25</b>	---
DOMESTIC												
<b>Total</b>	<b>86</b>	<b>44</b>	---	<b>20</b>	<b>22</b>	---	<b>80</b>	<b>35</b>	---	<b>20</b>	<b>25</b>	---
23	3	1	---	---	2	---	---	---	---	---	---	---
22	3	3	---	---	---	---	---	---	---	---	---	---
21	5	5	---	---	---	---	2	2	---	---	---	---
20	23	14	---	---	9	---	11	10	---	---	1	---

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

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

**ST. JOSEPH HARBOR, MI - continued**

Upbound

Downbound

DOMESTIC

19	25	11	—	13	1	—	14	1	—	13	—	—
18	5	3	—	—	2	—	1	1	—	—	—	—
17	9	4	—	1	4	—	20	10	—	1	—	—
16	3	2	—	—	1	—	14	9	—	—	9	—
15	2	1	—	—	1	—	9	2	—	—	7	—
14	—	—	—	—	—	—	1	—	—	—	1	—
≤ 12	8	—	—	6	2	—	8	—	—	6	2	—
<b>Total trips:</b>											<b>166</b>	

**CHEBOYGAN HARBOR, MI**

Inbound

Outbound

<b>Grand Total</b>	<b>525</b>	<b>410</b>	<b>2</b>	<b>58</b>	<b>—</b>	<b>55</b>	<b>516</b>	<b>404</b>	<b>3</b>	<b>57</b>	<b>3</b>	<b>49</b>
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FOREIGN

<b>Total</b>	—	—	—	—	—	—	14	—	2	6	—	6
16	—	—	—	—	—	—	3	—	1	1	—	1
15	—	—	—	—	—	—	1	—	1	—	—	—
14	—	—	—	—	—	—	8	—	—	4	—	4
12	—	—	—	—	—	—	2	—	—	1	—	1

DOMESTIC

<b>Total</b>	<b>525</b>	<b>410</b>	<b>2</b>	<b>58</b>	<b>—</b>	<b>55</b>	<b>502</b>	<b>404</b>	<b>1</b>	<b>51</b>	<b>3</b>	<b>43</b>
23	2	—	2	—	—	—	—	—	—	—	—	—
19	2	—	—	—	—	2	—	—	—	—	—	—
17	32	—	—	—	—	32	18	—	—	—	—	18
16	71	—	—	51	—	20	69	—	—	44	—	25
15	1	—	—	—	—	1	—	—	—	—	—	—
12	—	—	—	—	—	—	1	—	1	—	—	—
9	5	—	—	5	—	—	5	—	—	5	—	—
8	2	—	—	2	—	—	1	—	—	1	—	—
7	—	—	—	—	—	—	1	—	—	1	—	—
6	410	410	—	—	—	—	404	404	—	—	—	—
2	—	—	—	—	—	—	2	—	—	—	2	—
1	—	—	—	—	—	—	1	—	—	—	1	—
<b>Total trips:</b>											<b>1,041</b>	

**MILWAUKEE HARBOR, WI**

Inbound

Outbound

<b>Grand Total</b>	<b>483</b>	<b>171</b>	<b>—</b>	<b>139</b>	<b>140</b>	<b>33</b>	<b>471</b>	<b>175</b>	<b>—</b>	<b>141</b>	<b>122</b>	<b>33</b>
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FOREIGN

<b>Total</b>	<b>121</b>	<b>93</b>	<b>—</b>	<b>13</b>	<b>15</b>	<b>—</b>	<b>128</b>	<b>97</b>	<b>—</b>	<b>15</b>	<b>16</b>	<b>—</b>
27	1	1	—	—	—	—	—	—	—	—	—	—
26	9	9	—	—	—	—	19	19	—	—	—	—
25	33	33	—	—	—	—	8	8	—	—	—	—
24	2	2	—	—	—	—	7	7	—	—	—	—
23	16	10	—	—	6	—	17	17	—	—	—	—
22	18	18	—	—	—	—	24	24	—	—	—	—
21	12	7	—	—	5	—	14	9	—	—	5	—
20	3	2	—	—	1	—	4	4	—	—	—	—
19	5	4	—	—	1	—	6	1	—	—	5	—
18	7	4	—	3	—	—	10	1	—	4	5	—
17	—	—	—	—	—	—	1	1	—	—	—	—
16	—	—	—	—	—	—	3	3	—	—	—	—
15	2	1	—	—	1	—	2	2	—	—	—	—
14	9	—	—	9	—	—	9	—	—	9	—	—
≤ 12	4	2	—	1	1	—	4	1	—	2	1	—

DOMESTIC

<b>Total</b>	<b>362</b>	<b>78</b>	<b>—</b>	<b>126</b>	<b>125</b>	<b>33</b>	<b>343</b>	<b>78</b>	<b>—</b>	<b>126</b>	<b>106</b>	<b>33</b>
27	1	1	—	—	—	—	—	—	—	—	—	—
25	13	3	—	—	10	—	—	—	—	—	—	—
24	41	18	—	—	23	—	—	—	—	—	—	—
23	26	26	—	—	—	—	3	3	—	—	—	—



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

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
<b>MILWAUKEE HARBOR, WI - continued</b>												
	Inbound						Outbound					
DOMESTIC												
22	10	10	—	—	—	—	3	3	—	—	—	—
21	9	6	—	—	3	—	1	1	—	—	—	—
20	13	7	—	—	6	—	8	6	—	—	2	—
19	51	3	—	44	1	3	44	3	—	41	—	—
18	29	2	—	21	3	3	77	45	—	21	11	—
17	23	1	—	5	3	14	18	6	—	5	7	—
16	12	1	—	—	5	6	28	10	—	1	17	—
15	7	—	—	—	—	7	7	1	—	—	6	—
14	12	—	—	11	1	—	11	—	—	11	—	—
13	6	—	—	—	6	—	13	—	—	1	12	—
≤ 12	109	—	—	45	64	—	130	—	—	46	51	33
										<b>Total trips:</b>		<b>954</b>
<b>PORT WASHINGTON HARBOR, WI</b>												
	Inbound						Outbound					
<b>Grand Total</b>	<b>22</b>	<b>22</b>	—	—	—	—	<b>22</b>	<b>22</b>	—	—	—	—
DOMESTIC												
<b>Total</b>	<b>22</b>	<b>22</b>	—	—	—	—	<b>22</b>	<b>22</b>	—	—	—	—
26	7	7	—	—	—	—	—	—	—	—	—	—
25	1	1	—	—	—	—	—	—	—	—	—	—
24	4	4	—	—	—	—	—	—	—	—	—	—
23	8	8	—	—	—	—	—	—	—	—	—	—
22	1	1	—	—	—	—	—	—	—	—	—	—
21	1	1	—	—	—	—	8	8	—	—	—	—
20	—	—	—	—	—	—	1	1	—	—	—	—
18	—	—	—	—	—	—	2	2	—	—	—	—
17	—	—	—	—	—	—	10	10	—	—	—	—
15	—	—	—	—	—	—	1	1	—	—	—	—
										<b>Total trips:</b>		<b>44</b>
<b>MANITOWOC HARBOR, WI</b>												
	Inbound						Outbound					
<b>Grand Total</b>	<b>412</b>	<b>255</b>	—	<b>92</b>	<b>65</b>	—	<b>416</b>	<b>256</b>	—	<b>95</b>	<b>65</b>	—
DOMESTIC												
<b>Total</b>	<b>412</b>	<b>255</b>	—	<b>92</b>	<b>65</b>	—	<b>416</b>	<b>256</b>	—	<b>95</b>	<b>65</b>	—
26	1	1	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	1	1	—	—	—	—
23	1	1	—	—	—	—	—	—	—	—	—	—
21	7	2	—	—	5	—	1	1	—	—	—	—
20	15	7	—	—	8	—	—	—	—	—	—	—
19	242	242	—	—	—	—	240	240	—	—	—	—
18	3	2	—	—	1	—	3	3	—	—	—	—
17	3	—	—	—	3	—	3	3	—	—	—	—
16	—	—	—	—	—	—	8	8	—	—	—	—
14	25	—	—	25	—	—	25	—	—	25	—	—
13	3	—	—	—	3	—	21	—	—	—	21	—
≤ 12	112	—	—	67	45	—	114	—	—	70	44	—
										<b>Total trips:</b>		<b>828</b>
<b>GREEN BAY HARBOR, WI</b>												
	Upbound						Downbound					
<b>Grand Total</b>	<b>1,476</b>	<b>120</b>	<b>2</b>	<b>678</b>	<b>666</b>	<b>10</b>	<b>1,477</b>	<b>119</b>	<b>2</b>	<b>678</b>	<b>669</b>	<b>9</b>
FOREIGN												
<b>Total</b>	<b>57</b>	<b>20</b>	<b>2</b>	<b>18</b>	<b>17</b>	—	<b>58</b>	<b>19</b>	<b>2</b>	<b>19</b>	<b>18</b>	—
24	3	3	—	—	—	—	—	—	—	—	—	—
23	20	10	—	—	10	—	—	—	—	—	—	—
22	5	4	—	—	1	—	12	11	—	—	1	—
21	3	—	—	—	3	—	11	4	1	—	6	—

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

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

**GREEN BAY HARBOR, WI - continued**

Upbound

Downbound

FOREIGN

20	4	2	—	—	2	—	4	2	—	—	2	—
19	3	1	1	—	1	—	1	—	—	—	1	—
18	3	—	—	—	—	—	13	2	—	3	8	—
14	15	—	—	15	—	—	16	—	—	16	—	—
13	1	—	1	—	—	—	1	—	1	—	—	—

DOMESTIC

<b>Total</b>	<b>1,419</b>	<b>100</b>	—	<b>660</b>	<b>649</b>	<b>10</b>	<b>1,419</b>	<b>100</b>	—	<b>659</b>	<b>651</b>	<b>9</b>
28	3	1	—	—	2	—	—	—	—	—	—	—
27	1	1	—	—	—	—	—	—	—	—	—	—
26	8	3	—	5	—	—	5	—	—	5	—	—
25	3	3	—	—	—	—	—	—	—	—	—	—
24	3	2	—	—	1	—	—	—	—	—	—	—
23	16	14	—	—	2	—	—	—	—	—	—	—
22	36	29	—	2	5	—	5	3	—	2	—	—
21	17	14	—	—	3	—	6	6	—	—	—	—
20	15	15	—	—	—	—	32	32	—	—	—	—
19	17	8	—	8	—	1	15	7	—	8	—	—
18	13	9	—	4	—	—	10	7	—	3	—	—
17	2	—	—	—	—	2	17	17	—	—	—	—
16	3	—	—	—	2	1	23	16	—	—	7	—
15	4	1	—	—	—	3	7	6	—	—	1	—
14	7	—	—	5	—	2	6	1	—	5	—	—
13	—	—	—	—	—	—	4	4	—	—	—	—
≤ 12	1,271	—	—	636	634	1	1,289	1	—	636	643	9

**Total trips: 2,953**

**ALPENA HARBOR, MI**

Inbound

Outbound

<b>Grand Total</b>	<b>298</b>	<b>193</b>	—	<b>51</b>	<b>54</b>	—	<b>323</b>	<b>207</b>	—	<b>56</b>	<b>60</b>	—
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FOREIGN

<b>Total</b>	<b>24</b>	<b>24</b>	—	—	—	—	<b>25</b>	<b>23</b>	—	<b>1</b>	<b>1</b>	—
24	—	—	—	—	—	—	2	2	—	—	—	—
23	—	—	—	—	—	—	5	5	—	—	—	—
22	6	6	—	—	—	—	5	5	—	—	—	—
21	2	2	—	—	—	—	4	4	—	—	—	—
20	3	3	—	—	—	—	1	—	—	—	1	—
19	7	7	—	—	—	—	1	1	—	—	—	—
18	4	4	—	—	—	—	6	6	—	—	—	—
17	1	1	—	—	—	—	—	—	—	—	—	—
16	1	1	—	—	—	—	—	—	—	—	—	—
≤ 12	—	—	—	—	—	—	1	—	—	1	—	—

DOMESTIC

<b>Total</b>	<b>274</b>	<b>169</b>	—	<b>51</b>	<b>54</b>	—	<b>298</b>	<b>184</b>	—	<b>55</b>	<b>59</b>	—
28	1	1	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	26	13	—	—	13	—
24	2	2	—	—	—	—	87	53	—	—	34	—
23	16	16	—	—	—	—	27	26	—	—	1	—
22	8	8	—	—	—	—	34	30	—	—	4	—
21	30	30	—	—	—	—	16	14	—	—	2	—
20	63	63	—	—	—	—	14	12	—	—	2	—
19	59	12	—	47	—	—	56	1	—	55	—	—
18	9	9	—	—	—	—	3	2	—	—	1	—
17	—	—	—	—	—	—	16	14	—	—	2	—
16	68	26	—	4	38	—	4	4	—	—	—	—
15	14	—	—	—	14	—	13	13	—	—	—	—
14	2	—	—	—	2	—	—	—	—	—	—	—
13	—	—	—	—	—	—	2	2	—	—	—	—
≤ 12	2	2	—	—	—	—	—	—	—	—	—	—

**Total trips: 621**

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

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
<b>MENOMINEE HARBOR AND RIVER, MI AND WI</b>												
	Inbound						Outbound					
<b>Grand Total</b>	<b>52</b>	<b>52</b>	---	---	---	---	<b>52</b>	<b>52</b>	---	---	---	---
FOREIGN												
<b>Total</b>	<b>50</b>	<b>50</b>	---	---	---	---	<b>50</b>	<b>50</b>	---	---	---	---
25	1	1	---	---	---	---	---	---	---	---	---	---
24	5	5	---	---	---	---	---	---	---	---	---	---
23	28	28	---	---	---	---	1	1	---	---	---	---
22	7	7	---	---	---	---	4	4	---	---	---	---
21	4	4	---	---	---	---	6	6	---	---	---	---
20	2	2	---	---	---	---	10	10	---	---	---	---
19	3	3	---	---	---	---	14	14	---	---	---	---
18	---	---	---	---	---	---	13	13	---	---	---	---
17	---	---	---	---	---	---	1	1	---	---	---	---
16	---	---	---	---	---	---	1	1	---	---	---	---
DOMESTIC												
<b>Total</b>	<b>2</b>	<b>2</b>	---	---	---	---	<b>2</b>	<b>2</b>	---	---	---	---
20	1	1	---	---	---	---	---	---	---	---	---	---
17	1	1	---	---	---	---	2	2	---	---	---	---
											<b>Total trips:</b>	<b>104</b>
<b>SAGINAW RIVER, MI</b>												
	Upbound						Downbound					
<b>Grand Total</b>	<b>444</b>	<b>192</b>	<b>5</b>	<b>108</b>	<b>103</b>	<b>36</b>	<b>502</b>	<b>200</b>	<b>3</b>	<b>128</b>	<b>131</b>	<b>40</b>
FOREIGN												
<b>Total</b>	<b>80</b>	<b>70</b>	<b>3</b>	<b>2</b>	<b>4</b>	<b>1</b>	<b>84</b>	<b>77</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>1</b>
25	---	---	---	---	---	---	3	3	---	---	---	---
24	1	1	---	---	---	---	13	13	---	---	---	---
23	---	---	---	---	---	---	6	6	---	---	---	---
22	3	3	---	---	---	---	7	7	---	---	---	---
21	19	19	---	---	---	---	31	31	---	---	---	---
20	6	6	---	---	---	---	12	12	---	---	---	---
19	18	17	1	---	---	---	6	3	3	---	---	---
18	21	21	---	---	---	---	2	2	---	---	---	---
17	4	3	---	1	---	---	2	---	---	1	1	---
15	2	---	2	---	---	---	---	---	---	---	---	---
14	1	---	---	1	---	---	1	---	---	1	---	---
≤ 12	5	---	---	---	4	1	1	---	---	---	---	1
DOMESTIC												
<b>Total</b>	<b>364</b>	<b>122</b>	<b>2</b>	<b>106</b>	<b>99</b>	<b>35</b>	<b>418</b>	<b>123</b>	---	<b>126</b>	<b>130</b>	<b>39</b>
28	---	---	---	---	---	---	13	1	---	---	12	---
27	---	---	---	---	---	---	12	2	---	---	10	---
26	28	---	---	28	---	---	46	2	---	44	---	---
25	---	---	---	---	---	---	17	7	---	---	10	---
24	---	---	---	---	---	---	49	25	---	---	24	---
23	---	---	---	---	---	---	27	17	---	---	10	---
22	23	---	---	22	1	---	54	21	---	22	11	---
21	25	24	---	---	1	---	49	17	---	---	32	---
20	8	8	---	---	---	---	29	21	---	---	8	---
19	9	3	---	5	1	---	15	5	---	5	4	1
18	46	13	---	20	13	---	24	1	---	20	2	1
17	86	51	---	10	25	---	30	3	---	12	2	13
16	22	15	---	1	5	1	9	---	---	---	---	9
15	7	5	---	---	2	---	7	---	---	---	---	7
14	13	2	---	10	---	1	14	---	---	12	---	2
13	1	1	---	---	---	---	6	---	---	---	---	6
≤ 12	96	---	2	10	51	33	17	1	---	11	5	---
											<b>Total trips:</b>	<b>946</b>

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

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

**ST. CLAIR RIVER, MI**

	Upbound						Downbound					
<b>Grand Total</b>	<b>4,370</b>	<b>2,939</b>	<b>121</b>	<b>829</b>	<b>315</b>	<b>166</b>	<b>4,096</b>	<b>2,645</b>	<b>119</b>	<b>848</b>	<b>313</b>	<b>171</b>

FOREIGN

<b>Total</b>	<b>2,699</b>	<b>1,661</b>	<b>114</b>	<b>654</b>	<b>174</b>	<b>96</b>	<b>2,408</b>	<b>1,343</b>	<b>116</b>	<b>670</b>	<b>174</b>	<b>105</b>
31	1	1	—	—	—	—	—	—	—	—	—	—
29	2	1	1	—	—	—	1	1	—	—	—	—
28	1	—	1	—	—	—	—	—	—	—	—	—
27	34	34	—	—	—	—	71	71	—	—	—	—
26	259	258	1	—	—	—	453	452	—	—	1	—
25	66	66	—	—	—	—	132	131	—	—	1	—
24	141	141	—	—	—	—	110	109	—	—	1	—
23	371	351	—	—	18	2	160	126	—	—	34	—
22	239	232	2	—	4	1	149	146	1	—	2	—
21	182	157	11	—	14	—	127	70	44	—	13	—
20	137	116	1	9	7	4	101	54	18	7	20	2
19	188	134	46	1	5	2	86	58	16	1	5	6
18	153	84	3	54	4	8	130	46	9	53	18	4
17	43	20	2	11	6	4	52	14	2	13	6	17
16	46	11	9	16	10	—	67	15	8	24	18	2
15	59	8	22	18	9	2	67	5	12	27	21	2
14	122	12	8	63	31	8	94	15	4	53	—	22
13	19	3	1	15	—	—	18	1	1	14	2	—
≤ 12	636	32	6	467	66	65	590	29	1	478	32	50

DOMESTIC

<b>Total</b>	<b>1,671</b>	<b>1,278</b>	<b>7</b>	<b>175</b>	<b>141</b>	<b>70</b>	<b>1,688</b>	<b>1,302</b>	<b>3</b>	<b>178</b>	<b>139</b>	<b>66</b>
30	—	—	—	—	—	—	29	—	—	—	—	—
29	—	—	—	—	—	—	10	—	—	—	—	—
28	6	2	—	—	4	—	61	46	—	—	15	—
27	3	2	—	—	1	—	496	475	—	—	21	—
26	46	9	—	35	2	—	336	289	—	33	14	—
25	17	11	—	4	2	—	145	126	—	5	14	—
24	56	51	—	—	5	—	125	98	—	—	27	—
23	124	111	3	—	10	—	68	56	—	—	12	—
22	121	101	—	15	5	—	75	56	—	16	3	—
21	76	70	1	—	5	—	52	42	—	—	10	—
20	137	133	—	—	4	—	38	36	—	—	2	—
19	128	121	—	5	1	1	33	24	—	5	3	1
18	370	314	—	23	31	2	43	12	—	23	5	3
17	281	227	—	32	17	5	39	1	—	28	5	5
16	97	81	—	6	5	5	12	—	—	5	—	7
15	37	34	—	—	—	3	9	1	—	—	—	8
14	17	3	—	11	—	3	13	—	—	10	1	2
13	30	2	—	6	13	9	5	—	—	5	—	—
≤ 12	125	6	3	38	36	42	99	1	3	48	7	40
										<b>Total trips:</b>		<b>8,466</b>

**PORT HURON, MI**

	Inbound						Outbound					
<b>Grand Total</b>	<b>202</b>	<b>26</b>	<b>1</b>	<b>169</b>	<b>6</b>	<b>—</b>	<b>204</b>	<b>27</b>	<b>1</b>	<b>170</b>	<b>6</b>	<b>—</b>

FOREIGN

<b>Total</b>	<b>186</b>	<b>22</b>	<b>—</b>	<b>164</b>	<b>—</b>	<b>—</b>	<b>188</b>	<b>23</b>	<b>1</b>	<b>164</b>	<b>—</b>	<b>—</b>
26	7	7	—	—	—	—	—	—	—	—	—	—
25	2	2	—	—	—	—	—	—	—	—	—	—
24	3	3	—	—	—	—	—	—	—	—	—	—
23	2	2	—	—	—	—	4	4	—	—	—	—
22	2	2	—	—	—	—	8	8	—	—	—	—
21	—	—	—	—	—	—	3	3	—	—	—	—
20	1	1	—	—	—	—	—	—	—	—	—	—
19	4	4	—	—	—	—	7	7	—	—	—	—
15	—	—	—	—	—	—	1	—	1	—	—	—
14	1	—	—	1	—	—	1	—	—	1	—	—
≤ 12	164	1	—	163	—	—	164	1	—	163	—	—

DOMESTIC

<b>Total</b>	<b>16</b>	<b>4</b>	<b>1</b>	<b>5</b>	<b>6</b>	<b>—</b>	<b>16</b>	<b>4</b>	<b>—</b>	<b>6</b>	<b>6</b>	<b>—</b>
25	1	—	—	—	1	—	—	—	—	—	—	—
24	1	1	—	—	—	—	—	—	—	—	—	—

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

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
<b>PORT HURON, MI - continued</b>												
				Inbound						Outbound		
DOMESTIC												
23	1	—	—	—	1	—	—	—	—	—	—	—
22	2	2	—	—	—	—	—	—	—	—	—	—
20	3	1	—	—	—	—	—	—	—	—	—	—
18	3	—	—	1	2	—	9	2	—	1	6	—
17	4	—	—	4	—	—	7	2	—	5	—	—
≤ 12	1	—	1	—	—	—	—	—	—	—	—	—
										<b>Total trips:</b>		<b>406</b>
<b>MARYSVILLE, MI</b>												
				Inbound						Outbound		
<b>Grand Total</b>	<b>158</b>	<b>79</b>	—	<b>38</b>	<b>16</b>	<b>25</b>	<b>156</b>	<b>77</b>	—	<b>37</b>	<b>19</b>	<b>23</b>
FOREIGN												
<b>Total</b>	<b>35</b>	<b>29</b>	—	<b>4</b>	—	<b>2</b>	<b>38</b>	<b>30</b>	—	<b>3</b>	<b>3</b>	<b>2</b>
26	14	14	—	—	—	—	—	—	—	—	—	—
25	10	10	—	—	—	—	1	1	—	—	—	—
24	2	2	—	—	—	—	2	2	—	—	—	—
23	1	1	—	—	—	—	7	7	—	—	—	—
22	—	—	—	—	—	—	6	6	—	—	—	—
21	1	1	—	—	—	—	3	3	—	—	—	—
20	—	—	—	—	—	—	6	6	—	—	—	—
19	1	1	—	—	—	—	2	2	—	—	—	—
18	—	—	—	—	—	—	2	2	—	—	—	—
16	—	—	—	—	—	—	2	2	—	—	—	—
14	—	—	—	—	—	—	1	—	—	1	—	—
≤ 12	6	—	—	4	—	2	7	—	—	2	3	2
DOMESTIC												
<b>Total</b>	<b>123</b>	<b>50</b>	—	<b>34</b>	<b>16</b>	<b>23</b>	<b>118</b>	<b>47</b>	—	<b>34</b>	<b>16</b>	<b>21</b>
28	1	—	—	—	1	—	—	—	—	—	—	—
27	7	7	—	—	—	—	—	—	—	—	—	—
26	6	2	—	—	4	—	1	1	—	—	—	—
25	7	3	—	—	4	—	1	—	—	—	1	—
24	4	—	—	—	4	—	1	1	—	—	—	—
23	5	3	—	—	2	—	1	—	—	—	1	—
22	16	14	—	1	1	—	4	3	—	1	—	—
21	4	4	—	—	—	—	3	3	—	—	—	—
20	10	10	—	—	—	—	5	4	—	—	1	—
19	2	2	—	—	—	—	2	2	—	—	—	—
18	8	2	—	5	—	1	12	2	—	4	6	—
17	5	—	—	5	—	—	38	27	—	5	6	—
16	6	1	—	3	—	2	4	1	—	3	—	—
15	1	—	—	—	—	1	1	1	—	—	—	—
14	3	1	—	1	—	1	2	1	—	1	—	—
13	3	—	—	1	—	2	1	—	—	1	—	—
≤ 12	35	1	—	18	—	16	42	1	—	19	1	21
										<b>Total trips:</b>		<b>314</b>
<b>ST. CLAIR, MI</b>												
				Inbound						Outbound		
<b>Grand Total</b>	<b>125</b>	<b>86</b>	—	<b>19</b>	<b>1</b>	<b>19</b>	<b>101</b>	<b>80</b>	—	<b>4</b>	—	<b>17</b>
FOREIGN												
<b>Total</b>	<b>31</b>	<b>1</b>	—	<b>15</b>	<b>1</b>	<b>14</b>	<b>13</b>	<b>1</b>	—	—	—	<b>12</b>
24	1	1	—	—	—	—	1	1	—	—	—	—
20	1	—	—	—	1	—	—	—	—	—	—	—
18	1	—	—	1	—	—	—	—	—	—	—	—
≤ 12	28	—	—	14	—	14	12	—	—	—	—	12
DOMESTIC												
<b>Total</b>	<b>94</b>	<b>85</b>	—	<b>4</b>	—	<b>5</b>	<b>88</b>	<b>79</b>	—	<b>4</b>	—	<b>5</b>
29	1	1	—	—	—	—	—	—	—	—	—	—
28	9	9	—	—	—	—	—	—	—	—	—	—
27	61	61	—	—	—	—	—	—	—	—	—	—

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

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

**ST. CLAIR, MI - continued**

	Inbound						Outbound					
<b>DOMESTIC</b>												
26	11	11	—	—	—	—	—	—	—	—	—	—
25	2	2	—	—	—	—	2	2	—	—	—	—
23	—	—	—	—	—	—	7	7	—	—	—	—
22	—	—	—	—	—	—	22	22	—	—	—	—
21	—	—	—	—	—	—	3	3	—	—	—	—
20	1	1	—	—	—	—	38	38	—	—	—	—
19	—	—	—	—	—	—	5	5	—	—	—	—
17	—	—	—	—	—	—	1	1	—	—	—	—
16	1	—	—	—	—	1	—	—	—	—	—	—
14	1	—	—	—	—	1	1	—	—	—	—	1
13	2	—	—	1	—	1	1	—	—	1	—	—
≤ 12	5	—	—	3	—	2	8	1	—	3	—	4
										<b>Total trips:</b>		<b>226</b>

**MARINE CITY, MI**

	Inbound						Outbound					
<b>Grand Total</b>	<b>101</b>	<b>98</b>	<b>—</b>	<b>1</b>	<b>2</b>	<b>—</b>	<b>99</b>	<b>96</b>	<b>—</b>	<b>1</b>	<b>2</b>	<b>—</b>
<b>FOREIGN</b>												
<b>Total</b>	<b>3</b>	<b>3</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>3</b>	<b>3</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
26	1	1	—	—	—	—	—	—	—	—	—	—
25	1	1	—	—	—	—	—	—	—	—	—	—
23	1	1	—	—	—	—	1	1	—	—	—	—
22	—	—	—	—	—	—	2	2	—	—	—	—
<b>DOMESTIC</b>												
<b>Total</b>	<b>98</b>	<b>95</b>	<b>—</b>	<b>1</b>	<b>2</b>	<b>—</b>	<b>96</b>	<b>93</b>	<b>—</b>	<b>1</b>	<b>2</b>	<b>—</b>
28	6	6	—	—	—	—	—	—	—	—	—	—
27	38	38	—	—	—	—	—	—	—	—	—	—
26	28	26	—	—	2	—	1	—	—	—	1	—
25	11	11	—	—	—	—	—	—	—	—	—	—
24	6	6	—	—	—	—	1	1	—	—	—	—
23	3	3	—	—	—	—	45	45	—	—	—	—
22	3	3	—	—	—	—	2	1	—	—	1	—
21	1	1	—	—	—	—	—	—	—	—	—	—
20	2	1	—	1	—	—	2	1	—	1	—	—
19	—	—	—	—	—	—	2	2	—	—	—	—
18	—	—	—	—	—	—	1	1	—	—	—	—
17	—	—	—	—	—	—	37	37	—	—	—	—
16	—	—	—	—	—	—	3	3	—	—	—	—
15	—	—	—	—	—	—	1	1	—	—	—	—
13	—	—	—	—	—	—	1	1	—	—	—	—
										<b>Total trips:</b>		<b>200</b>

**CHANNELS IN LAKE ST. CLAIR**

	Upbound						Downbound					
<b>Grand Total</b>	<b>3,005</b>	<b>2,278</b>	<b>82</b>	<b>311</b>	<b>242</b>	<b>92</b>	<b>3,000</b>	<b>2,251</b>	<b>85</b>	<b>319</b>	<b>255</b>	<b>90</b>
<b>FOREIGN</b>												
<b>Total</b>	<b>1,570</b>	<b>1,197</b>	<b>75</b>	<b>154</b>	<b>120</b>	<b>24</b>	<b>1,539</b>	<b>1,152</b>	<b>83</b>	<b>149</b>	<b>130</b>	<b>25</b>
31	1	1	—	—	—	—	—	—	—	—	—	—
29	2	1	1	—	—	—	1	1	—	—	—	—
28	1	—	1	—	—	—	—	—	—	—	—	—
27	20	20	—	—	—	—	67	67	—	—	—	—
26	171	170	1	—	—	—	422	421	—	—	1	—
25	53	53	—	—	—	—	96	95	—	—	1	—
24	99	99	—	—	—	—	65	64	—	—	1	—
23	260	256	—	—	4	—	135	102	—	—	33	—
22	166	159	2	—	4	1	135	132	1	—	2	—
21	137	122	1	—	14	—	118	64	41	—	13	—
20	109	96	1	4	7	1	90	51	14	5	19	1
19	132	85	41	1	5	—	71	50	13	1	5	2
18	119	69	3	45	2	—	93	40	5	43	5	—
17	25	15	—	6	3	1	32	13	1	7	4	7
16	16	5	3	5	3	—	34	11	2	8	13	—

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

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
<b>CHANNELS IN LAKE ST. CLAIR - continued</b>												
	Upbound						Downbound					
FOREIGN												
15	37	7	12	8	9	1	41	4	4	17	15	1
14	81	6	5	37	29	4	46	8	—	33	—	5
13	16	3	1	12	—	—	16	1	1	13	1	—
≤ 12	125	30	3	36	40	16	77	28	1	22	17	9
DOMESTIC												
<b>Total</b>	<b>1,435</b>	<b>1,081</b>	<b>7</b>	<b>157</b>	<b>122</b>	<b>68</b>	<b>1,461</b>	<b>1,099</b>	<b>2</b>	<b>170</b>	<b>125</b>	<b>65</b>
30	—	—	—	—	—	—	29	29	—	—	—	—
29	—	—	—	—	—	—	9	9	—	—	—	—
28	6	2	—	—	4	—	45	31	—	—	14	—
27	3	2	—	—	1	—	390	369	—	—	21	—
26	45	9	—	35	1	—	292	250	—	33	9	—
25	14	9	—	4	1	—	126	110	—	5	11	—
24	55	50	—	—	5	—	116	92	—	—	24	—
23	71	59	3	—	9	—	60	50	—	—	10	—
22	95	76	—	14	5	—	66	48	—	15	3	—
21	72	66	1	—	5	—	49	39	—	—	10	—
20	111	108	—	—	3	—	35	33	—	—	2	—
19	121	114	—	5	1	1	33	24	—	5	3	1
18	352	309	—	19	22	2	39	12	—	20	5	2
17	201	160	—	24	12	5	36	1	—	25	5	5
16	92	77	—	5	5	5	11	—	—	4	—	7
15	36	33	—	—	—	3	9	1	—	—	—	8
14	16	2	—	11	—	3	13	—	—	10	1	2
13	28	1	—	5	13	—	5	—	—	5	—	—
≤ 12	117	4	3	35	35	40	98	1	2	48	7	40
										<b>Total trips:</b>		<b>6,005</b>

<b>DETROIT RIVER, MI</b>												
	Upbound						Downbound					
<b>Grand Total</b>	<b>4,630</b>	<b>2,853</b>	<b>131</b>	<b>796</b>	<b>445</b>	<b>405</b>	<b>4,442</b>	<b>2,813</b>	<b>146</b>	<b>747</b>	<b>481</b>	<b>255</b>
FOREIGN												
<b>Total</b>	<b>2,550</b>	<b>1,674</b>	<b>124</b>	<b>407</b>	<b>313</b>	<b>32</b>	<b>2,567</b>	<b>1,632</b>	<b>144</b>	<b>411</b>	<b>341</b>	<b>39</b>
31	1	1	—	—	—	—	—	—	—	—	—	—
29	2	1	1	—	—	—	1	1	—	—	—	—
28	1	—	1	—	—	—	—	—	—	—	—	—
27	20	20	—	—	—	—	68	68	—	—	—	—
26	210	209	1	—	—	—	426	425	—	—	1	—
25	79	79	—	—	—	—	116	115	—	—	1	—
24	151	151	—	—	—	—	117	116	—	—	1	—
23	326	322	—	—	4	—	233	200	—	—	33	—
22	217	208	4	—	4	1	201	196	2	—	3	—
21	158	143	1	—	14	—	214	121	80	—	13	—
20	136	117	2	8	8	1	131	70	24	5	30	2
19	191	108	74	1	6	2	92	60	21	1	8	2
18	166	108	5	45	8	—	114	59	5	43	7	—
17	44	32	—	6	5	1	54	26	1	14	6	7
16	43	8	4	24	7	—	63	12	4	29	18	—
15	57	8	20	16	12	1	60	7	4	24	23	2
14	98	14	7	39	34	4	67	17	—	40	3	7
13	26	3	1	21	1	—	29	2	1	24	2	—
≤ 12	624	142	3	247	210	22	581	137	2	231	192	19
DOMESTIC												
<b>Total</b>	<b>2,080</b>	<b>1,179</b>	<b>7</b>	<b>389</b>	<b>132</b>	<b>373</b>	<b>1,875</b>	<b>1,181</b>	<b>2</b>	<b>336</b>	<b>140</b>	<b>216</b>
30	—	—	—	—	—	—	29	29	—	—	—	—
29	—	—	—	—	—	—	9	9	—	—	—	—
28	6	2	—	—	4	—	45	31	—	—	14	—
27	3	2	—	—	1	—	392	371	—	—	21	—
26	46	9	—	36	1	—	291	249	—	33	9	—
25	15	9	—	4	2	—	126	110	—	5	11	—
24	58	53	—	—	5	—	117	93	—	—	24	—
23	92	79	3	—	10	—	62	51	—	—	11	—
22	121	100	—	16	5	—	74	55	—	15	4	—
21	80	74	1	—	5	—	55	44	—	—	11	—
20	123	119	—	—	4	—	50	48	—	—	2	—
19	135	123	—	9	2	1	74	37	—	9	3	25
18	452	321	—	104	22	5	167	36	—	97	12	22

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

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

**DETROIT RIVER, MI - continued**

	Upbound						Downbound					
DOMESTIC												
17	222	168	—	25	14	15	72	8	—	29	9	26
16	100	81	—	6	7	6	26	8	—	7	—	11
15	36	33	—	—	—	3	22	1	—	—	—	21
14	38	2	—	30	—	6	28	—	—	23	1	4
13	34	1	—	11	13	9	15	—	—	13	1	1
≤ 12	519	3	3	148	37	328	221	1	2	105	7	106
										<b>Total trips:</b>		<b>9,072</b>

**DETROIT HARBOR, MI**

	Inbound						Outbound					
<b>Grand Total</b>	<b>337</b>	<b>217</b>	<b>—</b>	<b>64</b>	<b>49</b>	<b>7</b>	<b>335</b>	<b>207</b>	<b>—</b>	<b>64</b>	<b>54</b>	<b>10</b>

FOREIGN

<b>Total</b>	<b>111</b>	<b>67</b>	<b>—</b>	<b>25</b>	<b>18</b>	<b>1</b>	<b>111</b>	<b>59</b>	<b>—</b>	<b>26</b>	<b>21</b>	<b>5</b>
27	1	1	—	—	—	—	1	1	—	—	—	—
26	5	5	—	—	—	—	1	1	—	—	—	—
25	7	7	—	—	—	—	6	6	—	—	—	—
24	15	15	—	—	—	—	10	10	—	—	—	—
23	10	10	—	—	—	—	14	14	—	—	—	—
22	11	11	—	—	—	—	3	3	—	—	—	—
21	5	5	—	—	—	—	2	2	—	—	—	—
20	6	5	—	—	1	—	7	6	—	—	1	—
19	2	2	—	—	—	—	6	6	—	—	—	—
18	6	5	—	1	—	—	7	5	—	2	—	—
17	1	1	—	—	—	—	5	5	—	—	—	—
16	9	—	—	2	7	—	2	—	—	1	1	—
15	3	—	—	—	3	—	—	—	—	—	—	—
14	3	—	—	3	—	—	6	—	—	5	—	1
13	7	—	—	7	—	—	6	—	—	6	—	—
≤ 12	20	—	—	12	7	1	35	—	—	12	19	4

DOMESTIC

<b>Total</b>	<b>226</b>	<b>150</b>	<b>—</b>	<b>39</b>	<b>31</b>	<b>6</b>	<b>224</b>	<b>148</b>	<b>—</b>	<b>38</b>	<b>33</b>	<b>5</b>
28	7	1	—	—	6	—	—	—	—	—	—	—
27	51	51	—	—	—	—	—	—	—	—	—	—
26	21	11	—	8	2	—	8	—	—	8	—	—
25	8	3	—	—	5	—	—	—	—	—	—	—
24	16	13	—	—	3	—	1	1	—	—	—	—
23	17	15	—	—	2	—	5	4	—	—	1	—
22	20	14	—	6	—	—	11	4	—	6	1	—
21	13	8	—	—	5	—	7	6	—	—	1	—
20	6	5	—	—	1	—	21	21	—	—	—	—
19	14	5	—	9	—	—	21	11	—	9	1	—
18	13	13	—	—	—	—	48	47	—	—	1	—
17	14	7	—	2	5	—	28	23	—	1	4	—
16	7	4	—	1	2	—	36	29	—	2	5	—
14	—	—	—	—	—	—	1	1	—	—	—	—
13	1	—	—	1	—	—	6	—	—	1	5	—
≤ 12	18	—	—	12	—	6	31	1	—	11	14	5
										<b>Total trips:</b>		<b>672</b>

**ROUGE RIVER, MI**

	Inbound						Outbound					
<b>Grand Total</b>	<b>1,052</b>	<b>349</b>	<b>—</b>	<b>328</b>	<b>118</b>	<b>257</b>	<b>1,076</b>	<b>356</b>	<b>—</b>	<b>337</b>	<b>110</b>	<b>273</b>

FOREIGN

<b>Total</b>	<b>308</b>	<b>99</b>	<b>—</b>	<b>105</b>	<b>96</b>	<b>8</b>	<b>306</b>	<b>105</b>	<b>—</b>	<b>104</b>	<b>88</b>	<b>9</b>
26	36	36	—	—	—	—	3	3	—	—	—	—
25	17	17	—	—	—	—	1	1	—	—	—	—
24	14	14	—	—	—	—	5	5	—	—	—	—
23	2	2	—	—	—	—	40	40	—	—	—	—
22	4	4	—	—	—	—	19	18	—	—	1	—
21	5	5	—	—	—	—	9	9	—	—	—	—
20	3	1	—	—	1	1	7	4	—	1	1	1
19	8	7	—	—	—	1	10	7	—	—	2	1



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

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
<b>ROUGE RIVER, MI - continued</b>												
	Inbound						Outbound					
FOREIGN												
18	9	5	—	2	2	—	8	2	—	2	4	—
17	7	2	—	2	3	—	14	9	—	2	3	—
16	18	1	—	15	2	—	17	2	—	12	3	—
15	11	—	—	3	8	—	4	—	—	1	2	1
14	6	3	—	3	—	—	9	4	—	2	1	2
13	5	—	—	3	2	—	2	—	—	1	1	—
≤ 12	163	2	—	77	78	6	158	1	—	83	70	4
DOMESTIC												
<b>Total</b>	<b>744</b>	<b>250</b>	<b>—</b>	<b>223</b>	<b>22</b>	<b>249</b>	<b>770</b>	<b>251</b>	<b>—</b>	<b>233</b>	<b>22</b>	<b>264</b>
28	6	6	—	—	—	—	3	—	—	—	3	—
27	112	112	—	—	—	—	2	1	—	—	1	—
26	42	41	—	—	1	—	1	1	—	—	—	—
25	27	25	—	—	2	—	2	2	—	—	—	—
24	50	35	—	—	15	—	1	1	—	—	—	—
23	10	10	—	—	—	—	3	3	—	—	—	—
22	15	11	—	4	—	—	23	18	—	4	1	—
21	2	2	—	—	—	—	8	8	—	—	—	—
20	2	2	—	—	—	—	17	16	—	—	1	—
19	4	4	—	—	—	—	42	17	—	—	—	25
18	89	—	—	85	—	4	266	139	—	90	15	22
17	25	1	—	14	—	10	66	27	—	14	1	24
16	3	—	—	2	—	1	22	13	—	1	—	8
15	6	1	—	—	—	5	13	4	—	—	—	9
14	21	—	—	18	—	3	24	—	—	20	—	4
13	7	—	—	7	—	—	15	1	—	11	—	3
≤ 12	323	—	—	93	4	226	262	—	—	93	—	169
										<b>Total trips:</b>		<b>2,128</b>

<b>ECORSE, MI</b>												
	Inbound						Outbound					
<b>Grand Total</b>	<b>133</b>	<b>71</b>	<b>1</b>	<b>39</b>	<b>19</b>	<b>3</b>	<b>135</b>	<b>70</b>	<b>1</b>	<b>43</b>	<b>19</b>	<b>2</b>
FOREIGN												
<b>Total</b>	<b>114</b>	<b>63</b>	<b>1</b>	<b>32</b>	<b>18</b>	<b>—</b>	<b>119</b>	<b>62</b>	<b>1</b>	<b>37</b>	<b>18</b>	<b>1</b>
23	50	50	—	—	—	—	29	29	—	—	—	—
22	5	5	—	—	—	—	14	14	—	—	—	—
21	4	4	—	—	—	—	6	6	—	—	—	—
20	2	—	1	1	—	—	3	2	—	1	—	—
19	1	1	—	—	—	—	2	2	—	—	—	—
18	1	1	—	—	—	—	6	6	—	—	—	—
17	—	—	—	—	—	—	1	1	—	—	—	—
16	1	1	—	—	—	—	3	1	—	2	—	—
15	2	1	—	—	1	—	2	1	—	—	1	—
≤ 12	48	—	—	31	17	—	53	—	1	34	17	1
DOMESTIC												
<b>Total</b>	<b>19</b>	<b>8</b>	<b>—</b>	<b>7</b>	<b>1</b>	<b>3</b>	<b>16</b>	<b>8</b>	<b>—</b>	<b>6</b>	<b>1</b>	<b>1</b>
23	4	3	—	—	1	—	—	—	—	—	—	—
22	3	3	—	—	—	—	—	—	—	—	—	—
21	1	1	—	—	—	—	—	—	—	—	—	—
20	1	1	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	8	7	—	—	1	—
16	1	—	—	1	—	—	2	1	—	1	—	—
13	2	—	—	2	—	—	1	—	—	1	—	—
≤ 12	7	—	—	4	—	3	5	—	—	4	—	1
										<b>Total trips:</b>		<b>268</b>

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

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

**PORT OF DETROIT, MI**

	Inbound						Outbound					
<b>Grand Total</b>	<b>1,568</b>	<b>658</b>	<b>1</b>	<b>442</b>	<b>196</b>	<b>271</b>	<b>1,565</b>	<b>649</b>	<b>1</b>	<b>452</b>	<b>191</b>	<b>272</b>

FOREIGN

<b>Total</b>	<b>561</b>	<b>237</b>	<b>1</b>	<b>173</b>	<b>141</b>	<b>9</b>	<b>565</b>	<b>234</b>	<b>1</b>	<b>179</b>	<b>136</b>	<b>15</b>
27	1	1	—	—	—	—	1	1	—	—	—	—
26	47	47	—	—	—	—	5	5	—	—	—	—
25	24	24	—	—	—	—	7	7	—	—	—	—
24	29	29	—	—	—	—	19	19	—	—	—	—
23	62	62	—	—	—	—	83	83	—	—	—	—
22	21	20	—	—	1	—	37	35	—	—	2	—
21	15	14	—	—	1	—	18	17	—	—	1	—
20	19	7	1	5	5	1	24	13	—	6	4	1
19	11	10	—	—	—	1	19	16	—	—	2	1
18	17	11	—	4	2	—	22	13	—	5	4	—
17	11	4	—	4	3	—	23	15	—	4	4	—
16	28	2	—	17	9	—	22	3	—	15	4	—
15	20	1	—	3	16	—	7	1	—	1	4	1
14	9	3	—	6	—	—	16	5	—	7	1	3
13	12	—	—	10	2	—	8	—	—	7	1	—
≤ 12	235	2	—	124	102	7	254	1	1	134	109	9

DOMESTIC

<b>Total</b>	<b>1,007</b>	<b>421</b>	<b>—</b>	<b>269</b>	<b>55</b>	<b>262</b>	<b>1,000</b>	<b>415</b>	<b>—</b>	<b>273</b>	<b>55</b>	<b>257</b>
28	13	7	—	—	6	—	3	—	—	—	3	—
27	163	163	—	—	—	—	2	1	—	—	1	—
26	63	52	—	8	3	—	9	1	—	8	—	—
25	35	28	—	—	7	—	2	2	—	—	—	—
24	66	48	—	—	18	—	1	1	—	—	—	—
23	31	28	—	—	3	—	8	7	—	—	1	—
22	39	29	—	10	—	—	33	21	—	10	2	—
21	17	12	—	—	5	—	15	14	—	—	1	—
20	15	14	—	—	1	—	43	42	—	—	1	—
19	21	11	—	9	1	—	66	32	—	9	—	25
18	104	15	—	85	—	4	314	186	—	90	16	22
17	39	9	—	15	5	10	103	57	—	16	6	24
16	12	4	—	4	2	2	59	44	—	3	5	7
15	6	1	—	—	—	5	13	4	—	—	—	9
14	21	—	—	18	—	3	25	1	—	20	—	4
13	10	—	—	10	—	—	20	1	—	11	5	3
≤ 12	352	—	—	110	4	238	284	1	—	106	14	163
										<b>Total trips:</b>		<b>3,133</b>

**MONROE HARBOR, MI**

	Inbound						Outbound					
<b>Grand Total</b>	<b>93</b>	<b>35</b>	<b>—</b>	<b>25</b>	<b>9</b>	<b>24</b>	<b>92</b>	<b>34</b>	<b>—</b>	<b>26</b>	<b>5</b>	<b>27</b>

FOREIGN

<b>Total</b>	<b>28</b>	<b>6</b>	<b>—</b>	<b>8</b>	<b>8</b>	<b>6</b>	<b>16</b>	<b>4</b>	<b>—</b>	<b>4</b>	<b>4</b>	<b>4</b>
18	1	—	—	—	1	—	—	—	—	—	—	—
17	9	—	—	2	1	6	1	—	—	—	—	1
16	6	1	—	2	3	—	2	—	—	2	—	—
15	4	1	—	1	2	—	2	1	—	1	—	—
14	5	4	—	1	—	—	5	3	—	—	2	—
12	3	—	—	2	1	—	—	—	—	—	—	—
10	—	—	—	—	—	—	3	—	—	1	2	—
8	—	—	—	—	—	—	2	—	—	—	—	2
7	—	—	—	—	—	—	1	—	—	—	—	1

DOMESTIC

<b>Total</b>	<b>65</b>	<b>29</b>	<b>—</b>	<b>17</b>	<b>1</b>	<b>18</b>	<b>76</b>	<b>30</b>	<b>—</b>	<b>22</b>	<b>1</b>	<b>23</b>
28	1	1	—	—	—	—	1	1	—	—	—	—
24	2	2	—	—	—	—	—	—	—	—	—	—
23	1	1	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	2	2	—	—	—	—
21	2	2	—	—	—	—	—	—	—	—	—	—
20	20	20	—	—	—	—	—	—	—	—	—	—
19	3	3	—	—	—	—	4	4	—	—	—	—
18	23	—	—	15	—	8	19	2	—	17	—	—
17	7	—	—	—	—	7	19	2	—	—	—	—
16	1	—	—	—	—	1	1	1	—	—	—	—
15	1	—	—	—	—	1	1	1	—	—	—	—
14	2	—	—	1	—	1	5	—	—	4	—	1
9	1	—	—	—	1	—	—	—	—	—	—	—

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

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
<b>MONROE HARBOR, MI - continued</b>												
	Inbound						Outbound					
DOMESTIC												
7	1	—	—	1	—	—	6	—	—	1	—	5
6	—	—	—	—	—	—	1	—	—	—	—	1
5	—	—	—	—	—	—	15	—	—	—	—	15
3	—	—	—	—	—	—	1	—	—	—	—	1
2	—	—	—	—	—	—	1	—	—	—	—	—
											<b>Total trips:</b>	<b>185</b>
<b>CALCITE, MI</b>												
	Inbound						Outbound					
<b>Grand Total</b>	<b>446</b>	<b>401</b>	<b>7</b>	<b>15</b>	<b>22</b>	<b>1</b>	<b>424</b>	<b>379</b>	<b>9</b>	<b>14</b>	<b>22</b>	<b>—</b>
FOREIGN												
<b>Total</b>	<b>74</b>	<b>66</b>	<b>6</b>	<b>1</b>	<b>—</b>	<b>1</b>	<b>72</b>	<b>66</b>	<b>6</b>	<b>—</b>	<b>—</b>	<b>—</b>
25	—	—	—	—	—	—	13	13	—	—	—	—
24	1	1	—	—	—	—	40	40	—	—	—	—
23	6	5	—	—	—	1	9	9	—	—	—	—
22	2	2	—	—	—	—	1	1	—	—	—	—
21	15	10	5	—	—	—	4	3	1	—	—	—
20	10	10	—	—	—	—	—	—	—	—	—	—
19	21	21	—	—	—	—	—	—	—	—	—	—
18	11	11	—	—	—	—	—	—	—	—	—	—
17	6	5	1	—	—	—	—	—	—	—	—	—
16	1	—	—	1	—	—	1	—	1	—	—	—
15	—	—	—	—	—	—	2	—	2	—	—	—
14	—	—	—	—	—	—	2	—	2	—	—	—
12	1	1	—	—	—	—	—	—	—	—	—	—
DOMESTIC												
<b>Total</b>	<b>372</b>	<b>335</b>	<b>1</b>	<b>14</b>	<b>22</b>	<b>—</b>	<b>352</b>	<b>313</b>	<b>3</b>	<b>14</b>	<b>22</b>	<b>—</b>
29	—	—	—	—	—	—	4	4	—	—	—	—
28	—	—	—	—	—	—	4	2	—	—	2	—
27	—	—	—	—	—	—	28	24	—	—	4	—
26	4	2	—	2	—	—	93	87	—	2	4	—
25	1	1	—	—	—	—	101	96	—	—	5	—
24	—	—	—	—	—	—	44	40	—	—	4	—
23	3	—	1	—	2	—	29	26	—	—	3	—
22	45	39	—	6	—	—	19	13	—	6	—	—
21	15	15	—	—	—	—	9	9	—	—	—	—
20	42	42	—	—	—	—	3	3	—	—	—	—
19	35	35	—	—	—	—	5	5	—	—	—	—
18	24	16	—	2	6	—	4	2	—	2	—	—
17	115	103	—	4	8	—	6	2	—	4	—	—
16	28	28	—	—	—	—	—	—	—	—	—	—
15	16	16	—	—	—	—	—	—	—	—	—	—
14	4	4	—	—	—	—	—	—	—	—	—	—
13	4	4	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	3	—	3	—	—	—
9	6	—	—	—	6	—	—	—	—	—	—	—
8	30	30	—	—	—	—	—	—	—	—	—	—
											<b>Total trips:</b>	<b>870</b>
<b>ESCANABA, MI</b>												
	Inbound						Outbound					
<b>Grand Total</b>	<b>140</b>	<b>119</b>	<b>—</b>	<b>9</b>	<b>12</b>	<b>—</b>	<b>145</b>	<b>120</b>	<b>—</b>	<b>11</b>	<b>14</b>	<b>—</b>
FOREIGN												
<b>Total</b>	<b>13</b>	<b>13</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>3</b>	<b>3</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
27	1	1	—	—	—	—	—	—	—	—	—	—
24	8	8	—	—	—	—	—	—	—	—	—	—
23	2	2	—	—	—	—	—	—	—	—	—	—
21	2	2	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	1	1	—	—	—	—
19	—	—	—	—	—	—	2	2	—	—	—	—

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

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

**ESCANABA, MI - continued**

	Inbound						Outbound					
<b>DOMESTIC</b>												
<b>Total</b>	<b>127</b>	<b>106</b>	---	<b>9</b>	<b>12</b>	---	<b>142</b>	<b>117</b>	---	<b>11</b>	<b>14</b>	---
29	---	---	---	---	---	---	7	7	---	---	---	---
28	1	1	---	---	---	---	49	42	---	---	7	---
27	---	---	---	---	---	---	32	31	---	---	1	---
26	9	1	---	8	---	---	13	3	---	9	1	---
25	5	5	---	---	---	---	---	---	---	---	---	---
24	14	14	---	---	---	---	1	1	---	---	---	---
23	27	23	---	---	4	---	---	---	---	---	---	---
22	8	8	---	---	---	---	2	1	---	1	---	---
21	39	39	---	---	---	---	14	14	---	---	---	---
20	6	5	---	---	1	---	2	2	---	---	---	---
19	1	1	---	---	---	---	---	---	---	---	---	---
18	8	7	---	---	1	---	15	15	---	---	---	---
17	2	1	---	1	---	---	4	---	---	1	3	---
16	1	1	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	1	1	---	---	---	---
10	6	---	---	---	6	---	1	---	---	---	1	---
9	---	---	---	---	---	---	1	---	---	---	1	---
										<b>Total trips:</b>		<b>285</b>

**STONEPORT, MI**

	Inbound						Outbound					
<b>FOREIGN</b>												
<b>Grand Total</b>	<b>446</b>	<b>237</b>	---	<b>85</b>	<b>124</b>	---	<b>445</b>	<b>231</b>	---	<b>87</b>	<b>127</b>	---
<b>Total</b>	<b>18</b>	<b>14</b>	---	<b>1</b>	<b>3</b>	---	<b>10</b>	<b>9</b>	---	---	<b>1</b>	---
25	2	2	---	---	---	---	1	1	---	---	---	---
24	---	---	---	---	---	---	2	2	---	---	---	---
23	2	1	---	---	1	---	1	1	---	---	---	---
22	2	2	---	---	---	---	2	2	---	---	---	---
21	1	1	---	---	---	---	---	---	---	---	---	---
20	2	1	---	1	---	---	---	---	---	---	---	---
19	1	1	---	---	---	---	1	1	---	---	---	---
18	3	3	---	---	---	---	1	1	---	---	---	---
17	1	1	---	---	---	---	2	1	---	---	1	---
16	4	2	---	---	2	---	---	---	---	---	---	---
<b>DOMESTIC</b>												
<b>Total</b>	<b>428</b>	<b>223</b>	---	<b>84</b>	<b>121</b>	---	<b>435</b>	<b>222</b>	---	<b>87</b>	<b>126</b>	---
28	---	---	---	---	---	---	20	4	---	---	16	---
27	---	---	---	---	---	---	5	3	---	---	2	---
26	34	---	---	34	---	---	58	17	---	36	5	---
25	1	---	---	1	---	---	61	42	---	1	18	---
24	2	---	---	---	2	---	102	62	---	---	40	---
23	---	---	---	---	---	---	55	37	---	---	18	---
22	38	20	---	18	---	---	49	25	---	19	5	---
21	29	29	---	---	---	---	28	16	---	---	12	---
20	15	15	---	---	---	---	19	9	---	---	10	---
19	14	14	---	---	---	---	7	7	---	---	---	---
18	96	60	---	6	30	---	6	---	---	6	---	---
17	122	64	---	25	33	---	25	---	---	25	---	---
16	11	11	---	---	---	---	---	---	---	---	---	---
15	10	9	---	---	1	---	---	---	---	---	---	---
14	1	1	---	---	---	---	---	---	---	---	---	---
10	37	---	---	---	37	---	---	---	---	---	---	---
9	18	---	---	---	18	---	---	---	---	---	---	---
										<b>Total trips:</b>		<b>891</b>

**ALGOMA HARBOR, WI**  
No Vessel Trips Reported

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

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
<b>ALGONAC, MI</b> (10 feet and less)												
				Inbound						Outbound		
<b>Grand Total</b>	<b>40</b>	<b>---</b>	<b>---</b>	<b>40</b>	<b>---</b>	<b>---</b>	<b>39</b>	<b>---</b>	<b>---</b>	<b>39</b>	<b>---</b>	<b>---</b>
										<b>Total trips:</b>	<b>---</b>	<b>79</b>
<b>ASHLAND HARBOR, WI</b> (20 feet and less)												
				Inbound						Outbound		
<b>Grand Total</b>	<b>5</b>	<b>5</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>5</b>	<b>5</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>
										<b>Total trips:</b>	<b>---</b>	<b>10</b>
<b>AU SABLE HARBOR AND RIVER (OSCODA), MI</b> No Vessel Trips Reported												
<b>BAYFIELD HARBOR, WI</b> (8 feet and less)												
				Inbound						Outbound		
<b>Grand Total</b>	<b>6,430</b>	<b>6,430</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>6,418</b>	<b>6,418</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>
										<b>Total trips:</b>	<b>---</b>	<b>12,848</b>
<b>BIG BAY HARBOR, MI</b> No Vessel Trips Reported												
<b>BLACK RIVER HARBOR, MI</b> No Vessel Trips Reported												
<b>CASEVILLE, MI</b> No Vessel Trips Reported												
<b>CEDAR RIVER HARBOR, MI</b> No Vessel Trips Reported												
<b>CHIPPEWA HARBOR (ISLE ROYALE), MI</b> No Vessel Trips Reported												
<b>CORNUCOPIA HARBOR, WI</b> No Vessel Trips Reported												
<b>DETOUR, MI AND VICINITY</b> (12 feet and less)												
				Inbound						Outbound		
<b>Grand Total</b>	<b>21,725</b>	<b>21,717</b>	<b>---</b>	<b>4</b>	<b>4</b>	<b>---</b>	<b>21,723</b>	<b>21,717</b>	<b>---</b>	<b>3</b>	<b>3</b>	<b>---</b>
										<b>Total trips:</b>	<b>3</b>	<b>43,448</b>
<b>DETROIT HARBOR, WI</b> (8 feet and less)												
				Inbound						Outbound		
<b>Grand Total</b>	<b>1,751</b>	<b>1,751</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>1,751</b>	<b>1,751</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>
										<b>Total trips:</b>	<b>---</b>	<b>3,502</b>
<b>EAGLE HARBOR, MI</b> No Vessel Trips Reported												

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

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
<b>FRANKFORT HARBOR, MI</b> (18 feet and less)												
				Inbound							Outbound	
<b>Grand Total</b>	<b>31</b>	<b>---</b>	<b>---</b>	<b>16</b>	<b>---</b>	<b>15</b>	<b>31</b>	<b>---</b>	<b>---</b>	<b>16</b>	<b>---</b>	<b>15</b>
										<b>Total trips:</b>	<b>---</b>	<b>62</b>
<b>GLADSTONE HARBOR, MI</b> (22 feet and less)												
				Inbound							Outbound	
<b>Grand Total</b>	<b>19</b>	<b>3</b>	<b>---</b>	<b>8</b>	<b>---</b>	<b>8</b>	<b>19</b>	<b>3</b>	<b>---</b>	<b>8</b>	<b>---</b>	<b>8</b>
										<b>Total trips:</b>	<b>---</b>	<b>38</b>
<b>GRAND MARAIS HARBOR (HARBOR OF REFUGE), MI</b> No Vessel Trips Reported												
<b>GRAND MARAIS HARBOR, MN</b> No Vessel Trips Reported												
<b>GRAND TRAVERSE BAY HARBOR, MI</b> No Vessel Trips Reported												
<b>HARBOR BEACH, MI (HARBOR OF REFUGE, LAKE HURON)</b> (21 feet and less)												
				Inbound							Outbound	
<b>Grand Total</b>	<b>9</b>	<b>9</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>9</b>	<b>9</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>
										<b>Total trips:</b>	<b>---</b>	<b>18</b>
<b>HARRISVILLE HARBOR, MI (HARBOR OF REFUGE, LAKE HURON)</b> No Vessel Trips Reported												
<b>KENOSHA HARBOR, WI</b> No Vessel Trips Reported												
<b>KEWAUNEE HARBOR, WI</b> No Vessel Trips Reported												
<b>KEWEENAW WATERWAY, MI</b> (12 feet and less)												
				Upbound							Downbound	
<b>Grand Total</b>	<b>41</b>	<b>41</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>41</b>	<b>41</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>
										<b>Total trips:</b>	<b>---</b>	<b>82</b>
<b>KNIFE RIVER HARBOR, MN</b> No Vessel Trips Reported												
<b>LA POINTE HARBOR, WI</b> (8 feet and less)												
				Inbound							Outbound	
<b>Grand Total</b>	<b>6,398</b>	<b>6,398</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>6,410</b>	<b>6,410</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>
										<b>Total trips:</b>	<b>---</b>	<b>12,808</b>
<b>LAC LA BELLE HARBOR, MI</b> No Vessel Trips Reported												
<b>LELAND HARBOR, MI</b> No Vessel Trips Reported												
<b>LIME ISLAND, MI</b> No Vessel Trips Reported												

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

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
<b>MACKINAC HARBOR, MI</b> (9 feet and less)												
				Inbound						Outbound		
<b>Grand Total</b>	<b>19,516</b>	<b>19,516</b>	---	---	---	---	<b>19,515</b>	<b>19,515</b>	---	---	---	---
										<b>Total trips:</b>	---	<b>39,031</b>
<b>MACKINAW CITY HARBOR, MI</b> (9 feet and less)												
				Inbound						Outbound		
<b>Grand Total</b>	<b>7,965</b>	<b>7,965</b>	---	---	---	---	<b>7,965</b>	<b>7,965</b>	---	---	---	---
										<b>Total trips:</b>	---	<b>15,930</b>
<b>MANISTIQUE HARBOR, MI</b> (6 feet and less)												
				Inbound						Outbound		
<b>Grand Total</b>	<b>45</b>	---	---	<b>24</b>	---	<b>21</b>	<b>45</b>	---	---	<b>24</b>	---	<b>21</b>
										<b>Total trips:</b>	---	<b>90</b>
<b>NEW BUFFALO HARBOR, MI</b> No Vessel Trips Reported												
<b>OCONTO HARBOR, WI</b> No Vessel Trips Reported												
<b>ONTONAGON HARBOR, MI</b> (20 feet and less)												
				Inbound						Outbound		
<b>Grand Total</b>	<b>7</b>	<b>7</b>	---	---	---	---	<b>7</b>	<b>7</b>	---	---	---	---
										<b>Total trips:</b>	---	<b>14</b>
<b>PENSAUKEE HARBOR, WI</b> No Vessel Trips Reported												
<b>PENTWATER HARBOR, MI</b> No Vessel Trips Reported												
<b>PORT SANILAC HARBOR, MI</b> No Vessel Trips Reported												
<b>PORT WING HARBOR, WI</b> No Vessel Trips Reported												
<b>PORTAGE LAKE, MI HARBOR OF REFUGE</b> (14 feet and less)												
				Inbound						Outbound		
<b>Grand Total</b>	<b>20</b>	---	---	<b>10</b>	<b>10</b>	---	<b>20</b>	---	---	<b>10</b>	<b>10</b>	---
										<b>Total trips:</b>	---	<b>40</b>
<b>PUT-IN-BAY HARBOR, OH</b> (8 feet and less)												
				Inbound						Outbound		
<b>Grand Total</b>	<b>5,386</b>	<b>5,273</b>	<b>95</b>	<b>9</b>	<b>9</b>	---	<b>5,386</b>	<b>5,273</b>	<b>95</b>	<b>9</b>	<b>9</b>	---
										<b>Total trips:</b>	---	<b>10,772</b>

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

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
<b>RACINE HARBOR, WI</b> (13 feet and less)												
				Inbound						Outbound		
<b>Grand Total</b>	<b>10</b>	<b>—</b>	<b>—</b>	<b>3</b>	<b>7</b>	<b>—</b>	<b>10</b>	<b>—</b>	<b>—</b>	<b>2</b>	<b>8</b>	<b>—</b>
										<b>Total trips:</b>		<b>20</b>
<b>ROGERS CITY, MI</b> No Vessel Trips Reported												
<b>SAUGATUCK HARBOR AND KALAMAZOO RIVER, MI</b> (8 feet and less)												
				Upbound						Downbound		
<b>Grand Total</b>	<b>1</b>	<b>—</b>	<b>—</b>	<b>1</b>	<b>—</b>	<b>—</b>	<b>1</b>	<b>—</b>	<b>—</b>	<b>1</b>	<b>—</b>	<b>—</b>
										<b>Total trips:</b>		<b>2</b>
<b>SAULT STE. MARIE, MI</b> (25 feet and less)												
				Inbound						Outbound		
<b>Grand Total</b>	<b>38,533</b>	<b>38,520</b>	<b>—</b>	<b>12</b>	<b>1</b>	<b>—</b>	<b>38,532</b>	<b>38,519</b>	<b>—</b>	<b>12</b>	<b>1</b>	<b>—</b>
										<b>Total trips:</b>		<b>77,065</b>
<b>SEBEWAING, MI</b> No Vessel Trips Reported												
<b>SHEBOYGAN HARBOR, WI</b> No Vessel Trips Reported												
<b>SOUTH HAVEN HARBOR, MI</b> (8 feet and less)												
				Inbound						Outbound		
<b>Grand Total</b>	<b>1</b>	<b>—</b>	<b>—</b>	<b>1</b>	<b>—</b>	<b>—</b>	<b>1</b>	<b>—</b>	<b>—</b>	<b>1</b>	<b>—</b>	<b>—</b>
										<b>Total trips:</b>		<b>2</b>
<b>ST. JAMES (BEAVER ISLAND), MI</b> (8 feet and less)												
				Inbound						Outbound		
<b>Grand Total</b>	<b>431</b>	<b>386</b>	<b>—</b>	<b>24</b>	<b>—</b>	<b>21</b>	<b>429</b>	<b>384</b>	<b>—</b>	<b>24</b>	<b>—</b>	<b>21</b>
										<b>Total trips:</b>		<b>860</b>
<b>STURGEON BAY AND LAKE MICHIGAN SHIP CANAL, WI</b> (26 feet and less)												
				Upbound						Downbound		
<b>Grand Total</b>	<b>25</b>	<b>13</b>	<b>—</b>	<b>10</b>	<b>—</b>	<b>2</b>	<b>47</b>	<b>20</b>	<b>—</b>	<b>19</b>	<b>5</b>	<b>3</b>
										<b>Total trips:</b>		<b>72</b>
<b>TRAVERSE CITY HARBOR, MI</b> (21 feet and less)												
				Inbound						Outbound		
<b>Grand Total</b>	<b>151</b>	<b>—</b>	<b>1</b>	<b>74</b>	<b>23</b>	<b>53</b>	<b>166</b>	<b>—</b>	<b>—</b>	<b>91</b>	<b>23</b>	<b>52</b>
										<b>Total trips:</b>		<b>317</b>
<b>TRENTON, MI</b> (26 feet and less)												
				Inbound						Outbound		
<b>Grand Total</b>	<b>26</b>	<b>9</b>	<b>—</b>	<b>8</b>	<b>9</b>	<b>—</b>	<b>26</b>	<b>9</b>	<b>—</b>	<b>8</b>	<b>9</b>	<b>—</b>
										<b>Total trips:</b>		<b>52</b>
<b>TWO RIVERS HARBOR, WI</b> No Vessel Trips Reported												



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

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels		
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	
<b>WARROAD HARBOR, MN</b> No Vessel Trips Reported													
<b>WHITE LAKE HARBOR, MI</b> No Vessel Trips Reported													
<b>WHITEFISH POINT HARBOR, MI</b> No Vessel Trips Reported													
<b>WYANDOTTE, MI</b> (22 feet and less)													
			Inbound							Outbound			
<b>Grand Total</b>	<b>15</b>	<b>11</b>	---	<b>4</b>	---	---	<b>19</b>	<b>11</b>	---	<b>8</b>	---	---	
										<b>Total trips:</b>		<b>34</b>	
<b>MARBLEHEAD, OH</b> (26 feet and less)													
			Inbound							Outbound			
<b>Grand Total</b>	<b>7,401</b>	<b>7,215</b>	---	<b>83</b>	<b>103</b>	---	<b>7,398</b>	<b>7,213</b>	---	<b>82</b>	<b>103</b>	---	
										<b>Total trips:</b>		<b>14,799</b>	
<b>PORT DOLOMITE, MI</b> (28 feet and less)													
			Inbound							Outbound			
<b>Grand Total</b>	<b>174</b>	<b>141</b>	---	<b>14</b>	<b>19</b>	---	<b>169</b>	<b>142</b>	---	<b>11</b>	<b>16</b>	---	
										<b>Total trips:</b>		<b>343</b>	
<b>PORT GYPSUM, MI</b> (23 feet and less)													
			Inbound							Outbound			
<b>Grand Total</b>	<b>33</b>	<b>33</b>	---	---	---	---	<b>33</b>	<b>33</b>	---	---	---	---	
										<b>Total trips:</b>		<b>66</b>	
<b>PORT INLAND, MI</b> (28 feet and less)													
			Inbound							Outbound			
<b>Grand Total</b>	<b>283</b>	<b>243</b>	---	<b>18</b>	<b>22</b>	---	<b>281</b>	<b>245</b>	---	<b>16</b>	<b>20</b>	---	
										<b>Total trips:</b>		<b>564</b>	
<b>SILVER BAY, MN</b> (30 feet and less)													
			Inbound							Outbound			
<b>Grand Total</b>	<b>162</b>	<b>162</b>	---	---	---	---	<b>167</b>	<b>167</b>	---	---	---	---	
										<b>Total trips:</b>		<b>329</b>	

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

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

**TOLEDO HARBOR, OH**

	Inbound						Outbound					
<b>Grand Total</b>	<b>764</b>	<b>514</b>	<b>12</b>	<b>118</b>	<b>27</b>	<b>93</b>	<b>754</b>	<b>514</b>	<b>17</b>	<b>105</b>	<b>30</b>	<b>88</b>

FOREIGN

<b>Total</b>	<b>350</b>	<b>280</b>	<b>9</b>	<b>26</b>	<b>12</b>	<b>23</b>	<b>350</b>	<b>277</b>	<b>13</b>	<b>26</b>	<b>15</b>	<b>19</b>
31	—	—	—	—	—	—	1	1	—	—	—	—
27	—	—	—	—	—	—	5	5	—	—	—	—
26	18	18	—	—	—	—	79	79	—	—	—	—
25	41	40	1	—	—	—	20	20	—	—	—	—
24	34	34	—	—	—	—	17	17	—	—	—	—
23	45	45	—	—	—	—	60	60	—	—	—	—
22	63	62	—	—	1	—	30	28	1	—	1	—
21	41	40	1	—	—	—	20	20	—	—	—	—
20	11	9	2	—	—	—	15	10	—	—	1	4
19	4	2	1	—	—	1	17	10	1	—	3	3
18	10	9	—	—	—	1	14	11	—	—	3	—
17	10	4	1	3	1	1	14	4	—	3	4	3
16	12	2	2	8	—	—	11	1	2	8	—	—
15	16	3	1	8	3	1	12	2	5	4	—	1
14	21	8	—	6	1	6	15	5	—	7	—	3
13	2	1	—	—	1	—	2	2	—	—	—	—
≤ 12	22	3	—	1	5	13	18	2	4	4	3	5

DOMESTIC

<b>Total</b>	<b>414</b>	<b>234</b>	<b>3</b>	<b>92</b>	<b>15</b>	<b>70</b>	<b>404</b>	<b>237</b>	<b>4</b>	<b>79</b>	<b>15</b>	<b>69</b>
30	6	6	—	—	—	—	—	—	—	—	—	—
29	1	1	—	—	—	—	—	—	—	—	—	—
28	3	3	—	—	—	—	—	—	—	—	—	—
27	32	32	—	—	—	—	—	—	—	—	—	—
26	52	52	—	—	—	—	3	1	—	1	1	—
25	5	4	—	1	—	—	3	3	—	—	—	—
24	11	10	—	—	1	—	6	5	—	—	1	—
23	7	6	—	—	1	—	20	18	2	—	—	—
22	12	12	—	—	—	—	32	32	—	—	—	—
21	12	11	—	—	1	—	25	22	1	—	2	—
20	26	26	—	—	—	—	38	38	—	—	—	—
19	23	17	—	3	1	2	36	31	—	4	—	1
18	70	40	—	27	3	—	83	52	—	25	4	2
17	26	8	—	4	6	8	34	16	—	3	3	12
16	16	3	—	10	—	3	31	16	—	11	2	2
15	14	3	—	—	—	11	4	1	—	—	—	3
14	15	—	—	13	1	1	15	1	—	9	—	5
13	14	—	—	13	—	1	20	—	—	10	2	8
≤ 12	69	—	3	21	1	44	54	1	1	16	—	36

**Total trips: 1,518**

**KELLEYS ISLAND, OH**

	Inbound						Outbound					
<b>Grand Total</b>	<b>7,341</b>	<b>7,083</b>	<b>—</b>	<b>129</b>	<b>129</b>	<b>—</b>	<b>7,343</b>	<b>7,083</b>	<b>—</b>	<b>130</b>	<b>130</b>	<b>—</b>

DOMESTIC

<b>Total</b>	<b>7,341</b>	<b>7,083</b>	<b>—</b>	<b>129</b>	<b>129</b>	<b>—</b>	<b>7,343</b>	<b>7,083</b>	<b>—</b>	<b>130</b>	<b>130</b>	<b>—</b>
20	—	—	—	—	—	—	78	—	—	—	78	—
19	—	—	—	—	—	—	9	—	—	—	9	—
18	—	—	—	—	—	—	39	—	—	—	39	—
17	—	—	—	—	—	—	2	—	—	—	2	—
15	47	—	—	47	—	—	48	—	—	48	—	—
14	—	—	—	—	—	—	2	—	—	—	2	—
13	82	—	—	82	—	—	82	—	—	82	—	—
8	1,257	1,180	—	—	77	—	1,180	1,180	—	—	—	—
7	5,903	5,903	—	—	—	—	5,903	5,903	—	—	—	—
6	52	—	—	—	52	—	—	—	—	—	—	—

**Total trips: 14,684**

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

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
<b>SANDUSKY HARBOR, OH</b>												
				Inbound						Outbound		
<b>Grand Total</b>	<b>238</b>	<b>235</b>	---	<b>1</b>	<b>2</b>	---	<b>241</b>	<b>238</b>	---	<b>1</b>	<b>2</b>	---
FOREIGN												
<b>Total</b>	<b>159</b>	<b>159</b>	---	---	---	---	<b>161</b>	<b>161</b>	---	---	---	---
27	---	---	---	---	---	---	3	3	---	---	---	---
26	4	4	---	---	---	---	70	70	---	---	---	---
25	3	3	---	---	---	---	18	18	---	---	---	---
24	8	8	---	---	---	---	3	3	---	---	---	---
23	27	27	---	---	---	---	6	6	---	---	---	---
22	46	46	---	---	---	---	4	4	---	---	---	---
21	13	13	---	---	---	---	2	2	---	---	---	---
20	4	4	---	---	---	---	3	3	---	---	---	---
19	2	2	---	---	---	---	1	1	---	---	---	---
18	1	1	---	---	---	---	---	---	---	---	---	---
≤ 12	51	51	---	---	---	---	51	51	---	---	---	---
DOMESTIC												
<b>Total</b>	<b>79</b>	<b>76</b>	---	<b>1</b>	<b>2</b>	---	<b>80</b>	<b>77</b>	---	<b>1</b>	<b>2</b>	---
28	---	---	---	---	---	---	1	1	---	---	---	---
27	---	---	---	---	---	---	1	1	---	---	---	---
24	---	---	---	---	---	---	1	1	---	---	---	---
23	---	---	---	---	---	---	7	7	---	---	---	---
22	5	5	---	---	---	---	14	14	---	---	---	---
21	---	---	---	---	---	---	6	6	---	---	---	---
20	10	9	---	1	---	---	17	14	---	1	2	---
19	3	3	---	---	---	---	18	18	---	---	---	---
18	9	9	---	---	---	---	11	11	---	---	---	---
17	24	22	---	---	2	---	2	2	---	---	---	---
16	16	16	---	---	---	---	---	---	---	---	---	---
15	9	9	---	---	---	---	2	2	---	---	---	---
14	1	1	---	---	---	---	---	---	---	---	---	---
13	2	2	---	---	---	---	---	---	---	---	---	---
											<b>Total trips:</b>	<b>479</b>
<b>HURON HARBOR, OH</b>												
				Inbound						Outbound		
<b>Grand Total</b>	<b>51</b>	<b>38</b>	---	<b>7</b>	<b>6</b>	---	<b>46</b>	<b>33</b>	---	<b>7</b>	<b>6</b>	---
FOREIGN												
<b>Total</b>	<b>2</b>	<b>2</b>	---	---	---	---	<b>2</b>	<b>2</b>	---	---	---	---
25	1	1	---	---	---	---	---	---	---	---	---	---
24	1	1	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	1	1	---	---	---	---
21	---	---	---	---	---	---	1	1	---	---	---	---
DOMESTIC												
<b>Total</b>	<b>49</b>	<b>36</b>	---	<b>7</b>	<b>6</b>	---	<b>44</b>	<b>31</b>	---	<b>7</b>	<b>6</b>	---
29	1	1	---	---	---	---	---	---	---	---	---	---
28	2	2	---	---	---	---	---	---	---	---	---	---
27	2	1	---	---	1	---	---	---	---	---	---	---
26	5	4	---	1	---	---	1	---	---	1	---	---
25	16	16	---	---	---	---	---	---	---	---	---	---
24	10	10	---	---	---	---	1	1	---	---	---	---
23	1	1	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	3	3	---	---	---	---
21	---	---	---	---	---	---	1	1	---	---	---	---
20	---	---	---	---	---	---	4	4	---	---	---	---
19	---	---	---	---	---	---	3	3	---	---	---	---
18	1	1	---	---	---	---	6	6	---	---	---	---
17	---	---	---	---	---	---	7	7	---	---	---	---
16	---	---	---	---	---	---	4	4	---	---	---	---
15	---	---	---	---	---	---	2	2	---	---	---	---
≤ 12	11	---	---	6	5	---	12	---	---	6	6	---
											<b>Total trips:</b>	<b>97</b>

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

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
<b>LORAIN HARBOR, OH</b>												
	Inbound						Outbound					
<b>Grand Total</b>	<b>318</b>	<b>288</b>	---	<b>13</b>	<b>17</b>	---	<b>314</b>	<b>284</b>	---	<b>13</b>	<b>17</b>	---
<b>FOREIGN</b>												
<b>Total</b>	<b>25</b>	<b>25</b>	---	---	---	---	<b>25</b>	<b>25</b>	---	---	---	---
26	6	6	---	---	---	---	---	---	---	---	---	---
25	7	7	---	---	---	---	2	2	---	---	---	---
24	4	4	---	---	---	---	---	---	---	---	---	---
23	2	2	---	---	---	---	1	1	---	---	---	---
22	3	3	---	---	---	---	8	8	---	---	---	---
21	2	2	---	---	---	---	3	3	---	---	---	---
20	1	1	---	---	---	---	3	3	---	---	---	---
19	---	---	---	---	---	---	6	6	---	---	---	---
18	---	---	---	---	---	---	2	2	---	---	---	---
<b>DOMESTIC</b>												
<b>Total</b>	<b>293</b>	<b>263</b>	---	<b>13</b>	<b>17</b>	---	<b>289</b>	<b>259</b>	---	<b>13</b>	<b>17</b>	---
30	9	9	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	1	1	---	---	---	---
28	6	6	---	---	---	---	10	10	---	---	---	---
27	64	64	---	---	---	---	---	---	---	---	---	---
26	40	39	---	1	---	---	11	10	---	1	---	---
25	3	2	---	---	1	---	17	17	---	---	---	---
24	5	1	---	---	4	---	28	28	---	---	---	---
23	4	2	---	---	2	---	17	16	---	---	1	---
22	11	9	---	---	2	---	18	16	---	---	2	---
21	4	4	---	---	---	---	45	45	---	---	---	---
20	4	3	---	---	1	---	24	23	---	---	1	---
19	12	12	---	---	---	---	10	10	---	---	---	---
18	9	5	---	2	2	---	52	42	---	1	9	---
17	41	33	---	6	2	---	31	24	---	7	---	---
16	52	52	---	---	---	---	8	8	---	---	---	---
15	19	16	---	3	---	---	10	7	---	3	---	---
14	2	---	---	---	2	---	1	1	---	---	---	---
13	3	2	---	1	---	---	2	1	---	1	---	---
≤ 12	5	4	---	---	1	---	4	---	---	---	4	---
<b>Total trips:</b>											<b>632</b>	

<b>CLEVELAND HARBOR, OH</b>												
	Inbound						Outbound					
<b>Grand Total</b>	<b>1,110</b>	<b>553</b>	<b>11</b>	<b>267</b>	<b>241</b>	<b>38</b>	<b>1,103</b>	<b>556</b>	<b>11</b>	<b>258</b>	<b>242</b>	<b>36</b>
<b>FOREIGN</b>												
<b>Total</b>	<b>273</b>	<b>179</b>	<b>10</b>	<b>42</b>	<b>41</b>	<b>1</b>	<b>283</b>	<b>184</b>	<b>6</b>	<b>46</b>	<b>46</b>	<b>1</b>
26	33	33	---	---	---	---	2	2	---	---	---	---
25	19	19	---	---	---	---	6	6	---	---	---	---
24	21	21	---	---	---	---	11	11	---	---	---	---
23	51	18	---	---	33	---	31	30	---	---	1	---
22	51	51	---	---	---	---	20	20	---	---	---	---
21	16	15	---	---	1	---	9	8	---	---	1	---
20	12	8	---	---	3	1	7	6	---	---	1	---
19	4	3	---	1	---	---	16	14	---	1	1	---
18	48	5	8	35	---	---	70	35	---	35	---	---
17	8	5	2	---	1	---	50	49	---	1	---	---
16	4	---	---	2	2	---	7	2	---	3	2	---
15	5	---	---	4	1	---	15	---	4	4	7	---
14	1	1	---	---	---	---	32	1	2	1	28	---
13	---	---	---	---	---	---	1	---	---	1	---	---
≤ 12	---	---	---	---	---	---	6	---	---	---	5	1
<b>DOMESTIC</b>												
<b>Total</b>	<b>837</b>	<b>374</b>	<b>1</b>	<b>225</b>	<b>200</b>	<b>37</b>	<b>820</b>	<b>372</b>	<b>5</b>	<b>212</b>	<b>196</b>	<b>35</b>
30	2	2	---	---	---	---	---	---	---	---	---	---
29	3	3	---	---	---	---	---	---	---	---	---	---
28	15	13	---	---	2	---	---	---	---	---	---	---
27	23	23	---	---	---	---	1	1	---	---	---	---
26	59	53	---	4	2	---	4	---	---	4	---	---
25	53	48	---	---	5	---	1	1	---	---	---	---
24	46	41	---	---	5	---	2	2	---	---	---	---
23	62	40	---	---	22	---	6	5	1	---	---	---

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

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

**CLEVELAND HARBOR, OH - continued**

	Inbound						Outbound					
<b>DOMESTIC</b>												
22	58	40	—	2	16	—	21	18	—	2	1	—
21	77	67	—	—	10	—	11	11	—	—	—	—
20	94	15	—	—	79	—	17	16	—	—	1	—
19	33	9	—	3	11	10	14	10	—	3	1	—
18	84	6	—	34	39	5	88	21	—	33	34	—
17	45	12	—	24	4	5	201	157	—	23	21	—
16	8	—	—	3	—	5	74	71	—	3	—	—
15	48	2	—	45	—	1	98	52	—	44	1	1
14	4	—	—	1	1	2	—	—	—	—	—	—
13	87	—	—	84	1	2	95	3	—	84	7	1
≤ 12	36	—	1	25	3	7	187	4	4	16	130	33
										<b>Total trips:</b>		<b>2,213</b>

**FAIRPORT HARBOR, OH**

	Inbound						Outbound					
<b>Grand Total</b>	<b>347</b>	<b>311</b>	<b>—</b>	<b>14</b>	<b>22</b>	<b>—</b>	<b>346</b>	<b>309</b>	<b>—</b>	<b>14</b>	<b>23</b>	<b>—</b>
<b>FOREIGN</b>												
<b>Total</b>	<b>30</b>	<b>30</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>31</b>	<b>31</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
26	2	2	—	—	—	—	1	1	—	—	—	—
24	2	2	—	—	—	—	10	10	—	—	—	—
23	8	8	—	—	—	—	6	6	—	—	—	—
22	3	3	—	—	—	—	2	2	—	—	—	—
21	2	2	—	—	—	—	6	6	—	—	—	—
19	6	6	—	—	—	—	3	3	—	—	—	—
18	1	1	—	—	—	—	2	2	—	—	—	—
17	6	6	—	—	—	—	1	1	—	—	—	—
<b>DOMESTIC</b>												
<b>Total</b>	<b>317</b>	<b>281</b>	<b>—</b>	<b>14</b>	<b>22</b>	<b>—</b>	<b>315</b>	<b>278</b>	<b>—</b>	<b>14</b>	<b>23</b>	<b>—</b>
28	1	—	—	—	1	—	—	—	—	—	—	—
26	4	4	—	—	—	—	—	—	—	—	—	—
25	7	7	—	—	—	—	—	—	—	—	—	—
24	6	3	—	—	3	—	5	4	—	—	1	—
23	21	20	—	—	1	—	6	6	—	—	—	—
22	25	21	—	1	3	—	8	7	—	1	—	—
21	20	9	—	—	11	—	1	1	—	—	—	—
20	7	4	—	—	3	—	5	5	—	—	—	—
19	9	9	—	—	—	—	5	5	—	—	—	—
18	4	2	—	2	—	—	21	4	—	2	15	—
17	15	5	—	10	—	—	51	36	—	10	5	—
16	1	1	—	—	—	—	8	8	—	—	—	—
15	—	—	—	—	—	—	7	7	—	—	—	—
13	1	—	—	—	—	—	1	—	—	—	—	—
≤ 12	196	196	—	—	—	—	197	195	—	1	2	—
										<b>Total trips:</b>		<b>693</b>

**ASHTABULA HARBOR, OH**

	Inbound						Outbound					
<b>Grand Total</b>	<b>246</b>	<b>196</b>	<b>—</b>	<b>24</b>	<b>26</b>	<b>—</b>	<b>369</b>	<b>322</b>	<b>—</b>	<b>23</b>	<b>24</b>	<b>—</b>
<b>FOREIGN</b>												
<b>Total</b>	<b>55</b>	<b>55</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>180</b>	<b>180</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
27	—	—	—	—	—	—	32	32	—	—	—	—
26	40	40	—	—	—	—	98	98	—	—	—	—
25	—	—	—	—	—	—	5	5	—	—	—	—
24	1	1	—	—	—	—	6	6	—	—	—	—
23	7	7	—	—	—	—	7	7	—	—	—	—
22	4	4	—	—	—	—	19	19	—	—	—	—
21	3	3	—	—	—	—	9	9	—	—	—	—
20	—	—	—	—	—	—	3	3	—	—	—	—
18	—	—	—	—	—	—	1	1	—	—	—	—

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

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

**ASHTABULA HARBOR, OH - continued**

Inbound

Outbound

DOMESTIC

<b>Total</b>	<b>191</b>	<b>141</b>	<b>---</b>	<b>24</b>	<b>26</b>	<b>---</b>	<b>189</b>	<b>142</b>	<b>---</b>	<b>23</b>	<b>24</b>	<b>---</b>
30	12	12	---	---	---	---	---	---	---	---	---	---
29	3	3	---	---	---	---	---	---	---	---	---	---
28	8	4	---	---	4	---	1	---	---	---	1	---
27	54	39	---	---	15	---	---	---	---	---	---	---
26	55	35	---	17	3	---	26	8	---	18	---	---
25	10	9	---	1	---	---	2	1	---	1	---	---
24	4	4	---	---	---	---	5	5	---	---	---	---
23	1	1	---	---	---	---	17	16	---	---	1	---
22	5	---	---	5	---	---	5	2	---	3	---	---
21	5	5	---	---	---	---	17	15	---	---	2	---
20	6	5	---	---	1	---	14	14	---	---	---	---
19	1	1	---	---	---	---	16	15	---	---	1	---
18	4	3	---	---	1	---	32	32	---	---	---	---
17	15	14	---	1	---	---	21	19	---	1	1	---
16	3	3	---	---	---	---	12	12	---	---	---	---
15	3	3	---	---	---	---	3	3	---	---	---	---
≤ 12	2	---	---	---	2	---	18	---	---	---	18	---
<b>Total trips:</b>											<b>18</b>	<b>615</b>

**CONNEAUT HARBOR, OH**

Inbound

Outbound

<b>Grand Total</b>	<b>530</b>	<b>509</b>	<b>---</b>	<b>8</b>	<b>13</b>	<b>---</b>	<b>402</b>	<b>381</b>	<b>---</b>	<b>8</b>	<b>13</b>	<b>---</b>
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FOREIGN

<b>Total</b>	<b>316</b>	<b>315</b>	<b>---</b>	<b>---</b>	<b>1</b>	<b>---</b>	<b>186</b>	<b>185</b>	<b>---</b>	<b>---</b>	<b>1</b>	<b>---</b>
28	---	---	---	---	---	---	4	4	---	---	---	---
27	2	2	---	---	---	---	15	15	---	---	---	---
26	31	30	---	---	1	---	101	101	---	---	---	---
25	6	6	---	---	---	---	7	7	---	---	---	---
24	32	32	---	---	---	---	3	3	---	---	---	---
23	103	103	---	---	---	---	5	5	---	---	---	---
22	95	95	---	---	---	---	11	11	---	---	---	---
21	5	5	---	---	---	---	32	32	---	---	---	---
20	2	2	---	---	---	---	3	3	---	---	---	---
19	2	2	---	---	---	---	1	1	---	---	---	---
18	---	---	---	---	---	---	1	1	---	---	---	---
15	6	6	---	---	---	---	1	---	---	---	1	---
14	32	32	---	---	---	---	2	2	---	---	---	---

DOMESTIC

<b>Total</b>	<b>214</b>	<b>194</b>	<b>---</b>	<b>8</b>	<b>12</b>	<b>---</b>	<b>216</b>	<b>196</b>	<b>---</b>	<b>8</b>	<b>12</b>	<b>---</b>
29	2	2	---	---	---	---	---	---	---	8	12	---
28	7	6	---	---	1	---	1	1	---	---	---	---
27	50	45	---	---	5	---	1	1	---	---	---	---
26	23	17	---	5	1	---	5	---	---	5	---	---
25	13	10	---	3	---	---	5	2	---	3	---	---
24	2	2	---	---	---	---	39	38	---	---	1	---
23	1	---	---	---	1	---	33	25	---	---	8	---
22	1	1	---	---	---	---	14	12	---	---	2	---
21	---	---	---	---	---	---	6	6	---	---	---	---
20	2	2	---	---	---	---	22	22	---	---	---	---
19	2	2	---	---	---	---	53	53	---	---	---	---
18	11	10	---	---	1	---	20	19	---	---	1	---
17	73	70	---	---	3	---	16	16	---	---	---	---
16	19	19	---	---	---	---	1	1	---	---	---	---
15	8	8	---	---	---	---	---	---	---	---	---	---
<b>Total trips:</b>											<b>8</b>	<b>932</b>

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

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
<b>ERIE HARBOR, PA</b>												
	Inbound						Outbound					
<b>Grand Total</b>	<b>356</b>	<b>346</b>	---	<b>5</b>	<b>5</b>	---	<b>354</b>	<b>345</b>	---	<b>4</b>	<b>5</b>	---
<b>FOREIGN</b>												
<b>Total</b>	<b>17</b>	<b>16</b>	---	<b>1</b>	---	---	<b>16</b>	<b>16</b>	---	---	---	---
26	2	2	---	---	---	---	1	1	---	---	---	---
25	5	5	---	---	---	---	1	1	---	---	---	---
24	1	1	---	---	---	---	1	1	---	---	---	---
23	1	1	---	---	---	---	1	1	---	---	---	---
22	2	2	---	---	---	---	1	1	---	---	---	---
21	2	2	---	---	---	---	1	1	---	---	---	---
20	2	2	---	---	---	---	3	3	---	---	---	---
19	---	---	---	---	---	---	3	3	---	---	---	---
18	1	1	---	---	---	---	2	2	---	---	---	---
17	---	---	---	---	---	---	1	1	---	---	---	---
14	---	---	---	---	---	---	1	1	---	---	---	---
≤ 12	1	---	---	1	---	---	---	---	---	---	---	---
<b>DOMESTIC</b>												
<b>Total</b>	<b>339</b>	<b>330</b>	---	<b>4</b>	<b>5</b>	---	<b>338</b>	<b>329</b>	---	<b>4</b>	<b>5</b>	---
28	1	1	---	---	---	---	---	---	---	---	---	---
27	4	4	---	---	---	---	---	---	---	---	---	---
26	7	7	---	---	---	---	---	---	---	---	---	---
25	16	16	---	---	---	---	---	---	---	---	---	---
24	12	8	---	---	4	---	---	---	---	---	---	---
23	3	2	---	---	1	---	---	---	---	---	---	---
22	1	1	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	2	2	---	---	---	---
19	2	2	---	---	---	---	3	3	---	---	---	---
18	1	1	---	---	---	---	14	9	---	---	5	---
17	4	---	---	4	---	---	17	13	---	4	---	---
16	---	---	---	---	---	---	11	11	---	---	---	---
15	---	---	---	---	---	---	2	2	---	---	---	---
14	288	288	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	1	1	---	---	---	---
≤ 12	---	---	---	---	---	---	288	288	---	---	---	---
											<b>Total trips:</b>	<b>710</b>
<b>DUNKIRK HARBOR, NY</b>												
	Inbound						Outbound					
<b>Grand Total</b>	<b>46</b>	<b>45</b>	---	<b>1</b>	---	---	<b>45</b>	<b>44</b>	---	<b>1</b>	---	---
<b>DOMESTIC</b>												
<b>Total</b>	<b>46</b>	<b>45</b>	---	<b>1</b>	---	---	<b>45</b>	<b>44</b>	---	<b>1</b>	---	---
19	29	29	---	---	---	---	---	---	---	---	---	---
18	13	13	---	---	---	---	---	---	---	---	---	---
17	3	3	---	---	---	---	37	37	---	---	---	---
16	---	---	---	---	---	---	7	7	---	---	---	---
7	1	---	---	1	---	---	1	---	---	1	---	---
											<b>Total trips:</b>	<b>91</b>
<b>BUFFALO HARBOR, NY</b>												
	Upbound						Downbound					
<b>Grand Total</b>	<b>93</b>	<b>81</b>	<b>3</b>	<b>5</b>	<b>4</b>	---	<b>98</b>	<b>84</b>	<b>3</b>	<b>6</b>	<b>5</b>	---
<b>FOREIGN</b>												
<b>Total</b>	<b>46</b>	<b>38</b>	<b>3</b>	<b>4</b>	<b>1</b>	---	<b>41</b>	<b>32</b>	<b>3</b>	<b>5</b>	<b>1</b>	---
26	---	---	---	---	---	---	3	3	---	---	---	---
25	---	---	---	---	---	---	5	5	---	---	---	---
24	1	1	---	---	---	---	1	1	---	---	---	---
22	6	6	---	---	---	---	9	9	---	---	---	---
21	3	3	---	---	---	---	10	10	---	---	---	---
20	2	2	---	---	---	---	4	4	---	---	---	---
19	4	4	---	---	---	---	---	---	---	---	---	---
18	2	2	---	---	---	---	---	---	---	---	---	---
17	21	20	---	1	---	---	2	---	---	1	1	---
15	---	---	---	---	---	---	2	---	2	---	---	---
14	3	---	3	---	---	---	1	---	1	---	---	---
≤ 12	4	---	---	3	1	---	4	---	---	4	---	---

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

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

**BUFFALO HARBOR, NY - continued**

Upbound

Downbound

DOMESTIC

<b>Total</b>	47	43	---	1	3	---	57	52	---	1	4	---
26	---	---	---	---	---	---	4	4	---	---	---	---
25	---	---	---	---	---	---	4	4	---	---	---	---
24	---	---	---	---	---	---	9	9	---	---	---	---
23	---	---	---	---	---	---	12	12	---	---	---	---
22	4	4	---	---	---	---	14	13	---	---	1	---
21	---	---	---	---	---	---	1	---	---	---	1	---
20	1	1	---	---	---	---	6	6	---	---	---	---
19	16	15	---	1	---	---	4	2	---	1	1	---
18	19	19	---	---	---	---	---	---	---	---	---	---
17	6	3	---	---	3	---	3	2	---	---	1	---
16	1	1	---	---	---	---	---	---	---	---	---	---
<b>Total trips:</b>											<b>191</b>	

**NIAGARA RIVER, NY**

Upbound

Downbound

<b>Grand Total</b>	75	20	3	25	1	26	80	19	5	27	---	29
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FOREIGN

<b>Total</b>	4	---	2	1	1	---	5	---	5	---	---	---
18	---	---	---	---	---	---	3	---	3	---	---	---
16	---	---	---	---	---	---	1	---	1	---	---	---
15	1	---	---	1	---	---	1	---	1	---	---	---
≤ 12	3	---	2	---	1	---	---	---	---	---	---	---

DOMESTIC

<b>Total</b>	71	20	1	24	---	26	75	19	---	27	---	29
20	---	---	---	---	---	---	6	6	---	---	---	---
19	---	---	---	---	---	---	23	10	---	---	---	13
18	24	---	---	24	---	---	38	3	---	27	---	8
17	15	15	---	---	---	---	6	---	---	---	---	6
16	5	5	---	---	---	---	1	---	---	---	---	1
14	1	---	---	---	---	1	1	---	---	---	---	1
≤ 12	26	---	1	---	---	25	---	---	---	---	---	---
<b>Total trips:</b>											<b>155</b>	

**PORT OF BUFFALO, NY**

Inbound

Outbound

<b>Grand Total</b>	178	103	8	33	5	29	167	101	6	29	5	26
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FOREIGN

<b>Total</b>	46	32	8	5	1	---	50	38	5	5	2	---
26	3	3	---	---	---	---	---	---	---	---	---	---
25	5	5	---	---	---	---	---	---	---	---	---	---
24	1	1	---	---	---	---	1	1	---	---	---	---
22	9	9	---	---	---	---	6	6	---	---	---	---
21	10	10	---	---	---	---	3	3	---	---	---	---
20	4	4	---	---	---	---	2	2	---	---	---	---
19	---	---	---	---	---	---	4	4	---	---	---	---
18	3	---	3	---	---	---	2	2	---	---	---	---
17	2	---	---	1	1	---	21	20	---	1	---	---
16	1	---	1	---	---	---	---	---	---	---	---	---
15	3	---	3	---	---	---	1	---	---	1	---	---
14	1	---	1	---	---	---	3	---	3	---	---	---
≤ 12	4	---	---	4	---	---	7	---	2	3	2	---

DOMESTIC

<b>Total</b>	132	71	---	28	4	29	117	63	1	24	3	26
26	4	4	---	---	---	---	---	---	---	---	---	---
25	4	4	---	---	---	---	---	---	---	---	---	---
24	9	9	---	---	---	---	---	---	---	---	---	---
23	12	12	---	---	---	---	---	---	---	---	---	---
22	14	13	---	---	1	---	4	4	---	---	---	---



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

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

**PORT OF BUFFALO, NY - continued**

Inbound							Outbound					
<b>DOMESTIC</b>												
21	1	—	—	—	1	—	—	—	—	—	—	—
20	12	12	—	—	—	—	1	1	—	—	—	—
19	27	12	—	—	1	13	15	15	—	—	—	—
18	38	3	—	27	—	8	43	19	—	24	—	—
17	9	2	—	—	1	6	21	18	—	—	3	—
16	1	—	—	—	—	1	6	6	—	—	—	—
14	1	—	—	—	—	1	1	—	—	—	—	1
≤ 12	—	—	—	—	—	—	26	—	1	—	—	25
<b>Total trips:</b>											<b>345</b>	

**OSWEGO HARBOR, NY**

Upbound							Downbound					
<b>Grand Total</b>												
	96	63	20	10	3	—	106	63	22	18	3	—
<b>FOREIGN</b>												
<b>Total</b>	<b>94</b>	<b>63</b>	<b>20</b>	<b>8</b>	<b>3</b>	<b>—</b>	<b>105</b>	<b>63</b>	<b>22</b>	<b>17</b>	<b>3</b>	<b>—</b>
23	—	—	—	—	—	—	1	1	—	—	—	—
22	2	2	—	—	—	—	17	16	—	—	1	—
21	1	1	—	—	—	—	29	24	5	—	—	—
20	—	—	—	—	—	—	18	13	4	—	1	—
19	3	2	1	—	—	—	9	2	6	—	1	—
18	20	20	—	—	—	—	12	6	6	—	—	—
17	39	35	4	—	—	—	1	1	—	—	—	—
16	4	—	4	—	—	—	1	—	1	—	—	—
15	2	—	2	—	—	—	—	—	—	—	—	—
14	2	—	—	2	—	—	2	—	—	2	—	—
13	4	—	2	2	—	—	3	—	—	3	—	—
≤ 12	17	3	7	4	3	—	12	—	—	12	—	—
<b>DOMESTIC</b>												
<b>Total</b>	<b>2</b>	<b>—</b>	<b>—</b>	<b>2</b>	<b>—</b>	<b>—</b>	<b>1</b>	<b>—</b>	<b>—</b>	<b>1</b>	<b>—</b>	<b>—</b>
≤ 12	2	—	—	2	—	—	1	—	—	1	—	—
<b>Total trips:</b>											<b>202</b>	

**BARCELONA HARBOR, NY**  
No Vessel Trips Reported

**CAPE VINCENT, NY**  
No Vessel Trips Reported

**GREAT SODUS BAY HARBOR, NY**  
No Vessel Trips Reported

**NIAGARA FALLS, NY**  
No Vessel Trips Reported

**OGDENSBURG HARBOR, NY**  
(22 feet and less)

Inbound							Outbound					
<b>Grand Total</b>	<b>23</b>	<b>7</b>	<b>—</b>	<b>16</b>	<b>—</b>	<b>—</b>	<b>23</b>	<b>7</b>	<b>—</b>	<b>16</b>	<b>—</b>	<b>—</b>
<b>Total trips:</b>											<b>46</b>	

**PORT CLINTON HARBOR, OH**  
(6 feet and less)

Inbound							Outbound					
<b>Grand Total</b>	<b>2,742</b>	<b>2,741</b>	<b>—</b>	<b>1</b>	<b>—</b>	<b>—</b>	<b>2,742</b>	<b>2,741</b>	<b>—</b>	<b>1</b>	<b>—</b>	<b>—</b>
<b>Total trips:</b>											<b>5,484</b>	

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

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
<b>ROCHESTER (CHARLOTTE) HARBOR, NY</b> (22 feet and less)												
				Inbound							Outbound	
<b>Grand Total</b>	<b>43</b>	<b>43</b>	---	---	---	---	<b>39</b>	<b>38</b>	---		<b>1</b>	---
											<b>Total trips:</b>	<b>82</b>
<b>SACKETS HARBOR, NY</b> (3 feet and less)												
				Inbound							Outbound	
<b>Grand Total</b>	<b>11</b>	<b>11</b>	---	---	---	---	<b>11</b>	<b>11</b>	---		---	---
											<b>Total trips:</b>	<b>22</b>
<b>TONAWANDA HARBOR, NY</b> No Vessel Trips Reported												
<b>VERMILION HARBOR, OH</b> No Vessel Trips Reported												
<b>WADDINGTON HARBOR, NY</b> No Vessel Trips Reported												

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

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

**ILLINOIS RIVER, IL**

				Upbound						Downbound		
<b>Grand Total</b>	<b>24,538</b>	---	---	<b>4,722</b>	<b>16,674</b>	<b>3,142</b>	<b>25,490</b>	---	---	<b>4,176</b>	<b>18,345</b>	<b>2,969</b>

DOMESTIC

<b>Total</b>	<b>24,538</b>	---	---	<b>4,722</b>	<b>16,674</b>	<b>3,142</b>	<b>25,490</b>	---	---	<b>4,176</b>	<b>18,345</b>	<b>2,969</b>
12	27	---	---	---	6	21	27	---	---	---	23	4
11	88	---	---	1	61	26	220	---	---	3	191	26
10	228	---	---	23	120	85	200	---	---	24	136	40
9	4,337	---	---	588	2,322	1,427	7,610	---	---	584	6,742	284
8	5,768	---	---	1,203	3,765	800	8,028	---	---	1,194	6,486	348
7	1,746	---	---	1,185	443	118	1,466	---	---	1,068	370	28
6	908	---	---	740	114	54	1,214	---	---	1,031	109	74
5	1,043	---	---	937	59	47	273	---	---	251	16	6
4	100	---	---	41	27	32	62	---	---	16	4	42
3	115	---	---	---	82	33	135	---	---	---	55	80
2	10,100	---	---	4	9,601	495	6,166	---	---	5	4,194	1,967
1	78	---	---	---	74	4	89	---	---	---	19	70
										<b>Total trips:</b>		<b>50,028</b>

**CALUMET-SAG CHANNEL, IL**

				Upbound						Downbound		
<b>Grand Total</b>	<b>4,270</b>	---	---	<b>928</b>	<b>2,794</b>	<b>548</b>	<b>4,199</b>	---	---	<b>926</b>	<b>2,794</b>	<b>479</b>

DOMESTIC

<b>Total</b>	<b>4,270</b>	---	---	<b>928</b>	<b>2,794</b>	<b>548</b>	<b>4,199</b>	---	---	<b>926</b>	<b>2,794</b>	<b>479</b>
12	2	---	---	1	1	---	4	---	---	2	---	2
11	17	---	---	---	17	---	9	---	---	2	7	---
10	47	---	---	1	29	17	48	---	---	1	10	37
9	984	---	---	9	801	174	599	---	---	8	512	79
8	1,656	---	---	155	1,359	142	732	---	---	145	566	21
7	933	---	---	750	147	36	923	---	---	753	157	13
6	70	---	---	8	49	13	48	---	---	8	29	11
5	32	---	---	4	25	3	16	---	---	7	7	2
4	12	---	---	---	11	1	4	---	---	---	3	1
3	11	---	---	---	10	1	7	---	---	---	6	1
2	505	---	---	---	344	161	1,799	---	---	---	1,493	306
1	1	---	---	---	1	---	10	---	---	---	4	6
										<b>Total trips:</b>		<b>8,469</b>

**CHICAGO SANITARY AND SHIP CANAL, IL**

				Upbound						Downbound		
<b>Grand Total</b>	<b>12,180</b>	---	---	<b>3,000</b>	<b>7,143</b>	<b>2,037</b>	<b>12,097</b>	---	---	<b>3,018</b>	<b>7,141</b>	<b>1,938</b>

DOMESTIC

<b>Total</b>	<b>12,180</b>	---	---	<b>3,000</b>	<b>7,143</b>	<b>2,037</b>	<b>12,097</b>	---	---	<b>3,018</b>	<b>7,141</b>	<b>1,938</b>
≤ 12	12,180	---	---	3,000	7,143	2,037	12,097	---	---	3,018	7,141	1,938
										<b>Total trips:</b>		<b>24,277</b>

**ILLINOIS WATERWAY, IL**

				Upbound						Downbound		
<b>Grand Total</b>	<b>28,969</b>	---	---	<b>6,685</b>	<b>18,586</b>	<b>3,698</b>	<b>28,766</b>	---	---	<b>5,832</b>	<b>19,691</b>	<b>3,243</b>

DOMESTIC

<b>Total</b>	<b>28,969</b>	---	---	<b>6,685</b>	<b>18,586</b>	<b>3,698</b>	<b>28,766</b>	---	---	<b>5,832</b>	<b>19,691</b>	<b>3,243</b>
≤ 12	28,969	---	---	6,685	18,586	3,698	28,766	---	---	5,832	19,691	3,243
										<b>Total trips:</b>		<b>57,735</b>

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- Tonnage for Selected United States Ports
- State Tonnage Report (Total waterborne commerce by state)
- Waterborne Commerce National Totals and Selected Inland Waterways for Multiple Years
- Summary of United States Flag Vessels
- Summary of Lock Statistics (Contact: Navigation Data Center, (703) 428-8458)

Material may be ordered from Waterborne Commerce Statistics Center, U.S. Army Corps of Engineers, P.O. Box 61280, New Orleans, LA 70161-1280. Checks or money orders should be made out to FAO-Q0. Call (504) 862-1424, or FAX (504) 862-1423.

For a review of other services provided through the Waterborne Commerce Statistics Center, please contact the Internet Access WCSC Home Page at <http://www.iwr.usace.army.mil/ndc/wcsc.htm> or for E-mail: CEIWR-NDCWCSC.WEBMASTER@.usace.army.mil.

(09/30/2003)

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36	Seattle, WA	2002	25.00
37	Port Angeles, Port Townsend, Everett, Anacortes, and Bellingham, WA.	1998	12.50
38	Southeast Alaska (Metlakatla, Ketchikan, Hollis, Thorne Bay, Hydaburg, Craig, Klawock, Wrangell, Petersburg, Kake, Juneau, Angoon, Haines, Skagway, Sitka, Pelican, Gustavus, Hoonah, and Yakutat)	1995	28.00
39	Ports of Southwest and Western Alaska (1ST EDITION)	1994	28.00
41	Buffalo, Rochester, Oswego, and Ogdensburg, NY	2001	18.00
42	U.S. Ports on Lake Erie (Erie, PA; and Conneaut, Ashtabula, Fairport Harbor, Lorain, Huron, and Sandusky, OH)	2001	20.00
43	Cleveland, OH	2000	11.00
44	Toledo, OH	2000	11.00
45	Detroit and Monroe, and Ports on the Saginaw River, MI	1996	31.00
46	Chicago, IL	1995	28.00
48	Milwaukee, WI and Ports on Lake Michigan	1995	32.00
49	Duluth, MN; Superior, WI; Taconite Harbor, Silver Bay, and Two Harbors, MN; and Ashland, WI	2000	14.00
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70	St. Louis, MO, and Ports on Upper Mississippi River (Miles 0-300 AOR)	1992	13.00
71	Memphis, TN; Helena, AR; and Ports on Lower Mississippi River (Miles 620-954 AHP)	1993	14.00
72	Natchez, Vicksburg, and Greenville, MS, and Ports on Lower Mississippi River (Miles 255-620 AHP)	1991	11.00

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