
WATERBORNE COMMERCE OF THE UNITED STATES

Calendar Year 2004

Part 3—
Waterways and Harbors
Great Lakes



Department of the Army
Corps of Engineers

Institute for Water Resources

IWR-WCUS-04-3

WATERBORNE COMMERCE OF THE UNITED STATES

Calendar Year 2004

Part 3—
Waterways and Harbors
Great Lakes

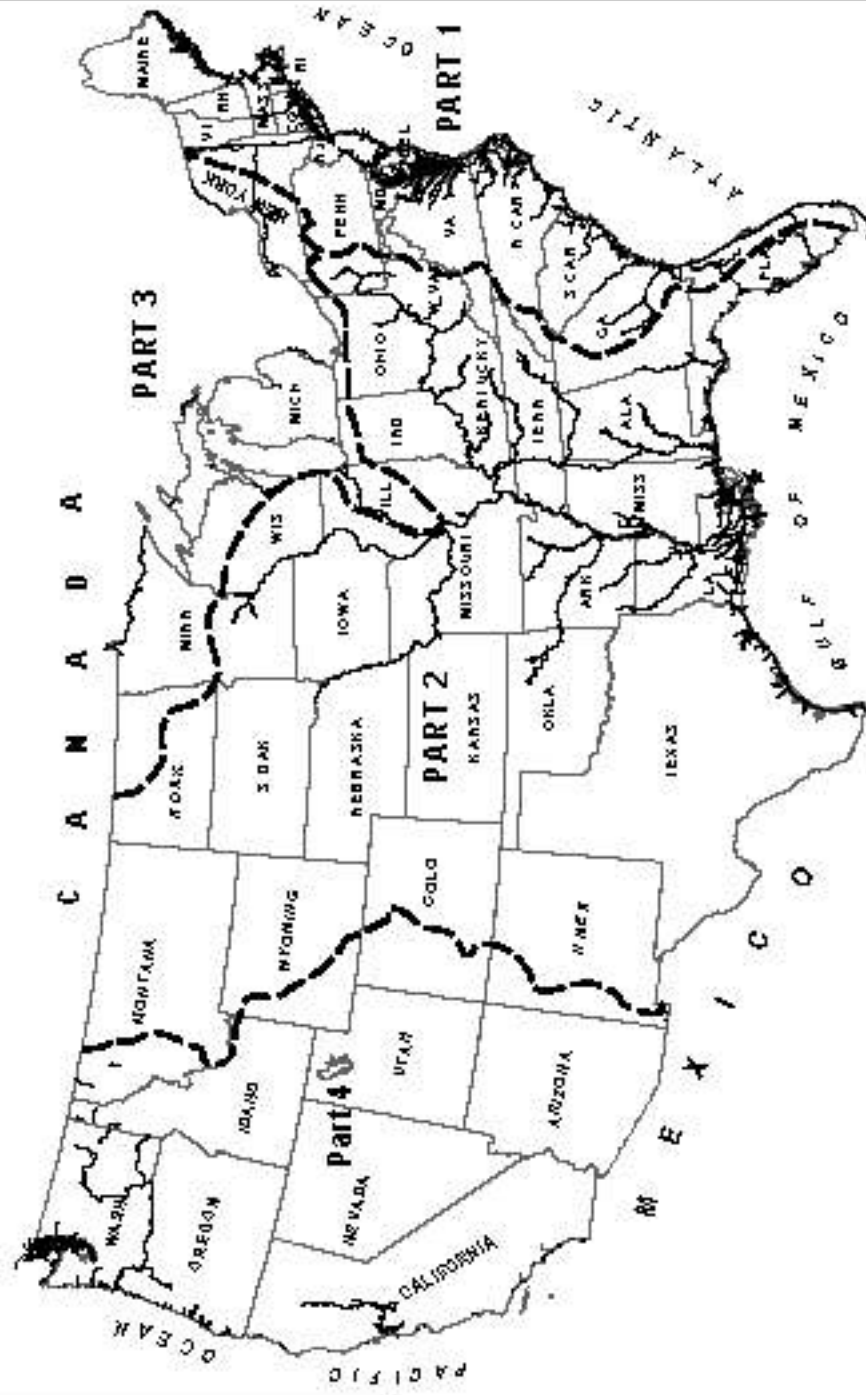


Compiled under the supervision of
the Insitute for Water Resources
U.S. Army Corps of Engineers
Alexandria, Virginia

Geographical Areas Covered by
Waterborne Commerce of the United States
of the

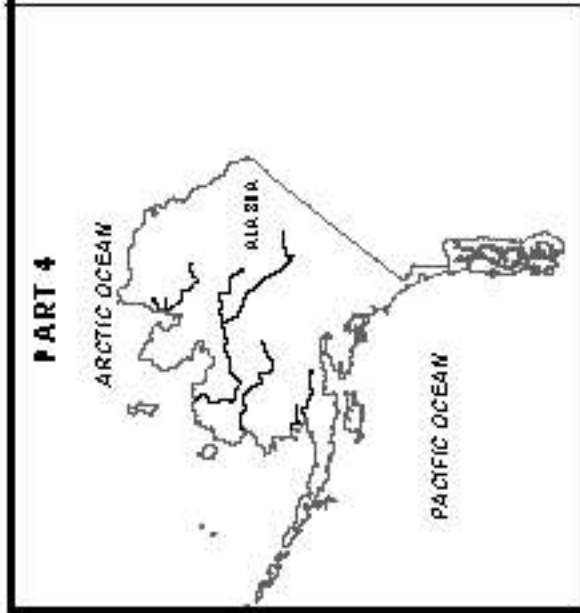
DEPARTMENT OF THE ARMY CORPS OF ENGINEERS

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



WATERBORNE COMMERCE OF THE UNITED STATES

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



PART 5

CONTENTS

	Page
Introduction.	ii
Terminology	v
Commodity Classification List	viii
Table 1 - Ton-Mileage of United States Freight Carried on the Great Lakes by Area	x
Table 2 - Freight Tons of United States Traffic Carried on the Great Lakes by Area	xi
Table 3 - Net Summary of Foreign and Domestic Freight Carried on the Great Lakes, by Type of Traffic and Commodity	xii
Freight Traffic	
Chicago, IL	3
Detroit, MI..	16
Buffalo, NY	51
Rock Island, IL	62
Trips and Drafts	
Chicago, IL	73
Detroit, MI..	78
Buffalo, NY	104
Rock Island, IL	113
Freight Traffic Index.	115
Trips and Drafts Index	118

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 and Border Protection, U.S. Customs, and purchased from the Commonwealth Business Media, Inc., 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 Commonwealth Business Media, Inc. and supplemented by data furnished to the Corps of Engineers by the U.S. Bureau of the Census and Border Protection and the U.S. Customs. Foreign cargo is matched to vessel moves to improve geographic specificity.

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

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

Commodity Descriptions

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

Tonnage

The tonnage figures provided throughout the **WCUS, Parts 1-5** represent short tons (2,000 pounds). Tonnage figures are rounded to the nearest 1,000 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.

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

Ton-Miles

Domestic and foreign ton-miles are calculated by multiplying the tons of the commerce being moved by the number of miles actually moved on the waterway or channel as defined for each freight table. Ton-miles are

rounded to the nearest 1,000 ton-miles. The ton-mile data appears in the publication by traffic type at the end of a particular freight table for a given project. Since there are columns that will not print (see tonnage above) the ton-miles associated with these columns will likewise not be included in the total ton-miles for that particular freight table. They will be included in "Ton-miles All Traffic" at the end of the project.

Trips

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

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

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

publication.

Special Interest

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

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

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

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

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

Terminology

Types of Traffic

Foreign

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

Imports

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

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

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

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

Exports

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

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

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

Domestic

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

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

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

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

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

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

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

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

Traffic Direction

Waterways

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

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

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

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

Ports

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

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

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

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

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

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

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

Ton-miles are rounded to the nearest thousand.

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

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

Commodity Classification List

Major Grouping

Minor Grouping

Pub Group Pub Name

00 Units

0200 Vehicles
0300 Passengers

10 Coal

1100 Coal & Lignite
1200 Coal Coke

20 Petroleum & Petroleum Products

21 Crude Petroleum

2100 Crude Petroleum

22-29 Petroleum Products

2211 Gasoline
2221 Kerosene
2330 Distillate Fuel Oil
2340 Residual Fuel Oil
2350 Lube Oil & Greases
2410 Petro. Jelly & Waxes
2429 Naphtha & Solvents
2430 Asphalt, Tar & Pitch
2540 Petroleum Coke
2640 Liquid Natural Gas
2990 Petro. Products NEC

30 Chemicals and Related Products

31 Fertilizers

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

32 Other Chemicals and Related Products

3211 Acyclic Hydrocarbons
3212 Benzene & Toluene
3219 Other Hydrocarbons
3220 Alcohols
3230 Carboxylic Acids
3240 Nitrogen Func. Comp.
3250 Organo-Inorganic Comp.
3260 Organic Comp. NEC
3271 Sulphur (Liquid)
3272 Sulphuric Acid
3273 Ammonia
3274 Sodium Hydroxide
3275 Inorg. Elem., Oxides, & Halogen Salts
3276 Metallic Salts
3279 Inorganic Chem. NEC
3281 Radioactive Material
3282 Pigments & Paints

Major Grouping

Minor Grouping

Pub Group Pub Name

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

40 Crude Materials, Inedible Except Fuels

41 Forest Products, Wood and Chips

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

42 Pulp and Waste Paper

4225 Pulp & Waste Paper

43 Soil, Sand, Gravel, Rock and Stone

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

44 Iron Ore and Scrap

4410 Iron Ore
4420 Iron & Steel Scrap

45 Marine Shells

4515 Marine Shells

46 Non-Ferrous Ores and Scrap

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

47 Sulphur, Clay and Salt

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

48 Slag

4860 Slag

49 Other Non-Metal. Min.

4900 Non-Metal. Min. NEC

50 Primary Manufactured Goods

Commodity Classification List (continued)

Major Grouping

Minor Grouping

Pub Group Pub Name

- 51 Paper Products
 - 5110 Newsprint
 - 5120 Paper & Paperboard
 - 5190 Paper Products NEC
- 52 Lime, Cement and Glass
 - 5210 Lime
 - 5220 Cement & Concrete
 - 5240 Glass & Glass Prod.
 - 5290 Misc. Mineral Prod.
- 53 Primary Iron and Steel Products
 - 5312 Pig Iron
 - 5315 Ferro Alloys
 - 5320 I&S Primary Forms
 - 5330 I&S Plates & Sheets
 - 5360 I&S Bars & Shapes
 - 5370 I&S Pipe & Tube
 - 5390 Primary I&S NEC
- 54 Primary Non-Ferrous Metal Products
 - 5421 Copper
 - 5422 Aluminum
 - 5429 Smelted Prod. NEC
 - 5480 Fab. Metal Products
- 55 Primary Wood Products; Veneer
 - 5540 Primary Wood Prod.
- 60 Food and Farm Products
 - 61 Fish
 - 6134 Fish (Not Shellfish)
 - 6136 Shellfish
 - 62-64 Grain
 - 6241 Wheat
 - 6344 Corn
 - 6442 Rice
 - 6443 Barley & Rye
 - 6445 Oats
 - 6447 Sorghum Grains
 - 65 Oilseeds
 - 6521 Peanuts
 - 6522 Soybeans
 - 6534 Flaxseed
 - 6590 Oilseeds NEC
 - 66 Vegetable Products
 - 6653 Vegetable Oils
 - 6654 Vegetables & Prod.
 - 67 Processed Grain and Animal Feed
 - 6746 Wheat Flour
 - 6747 Grain Mill Products
 - 6781 Hay & Fodder
 - 6782 Animal Feed, Prep.
 - 68 Other Agricultural Products
 - 6811 Meat, Fresh, Frozen
 - 6817 Meat, Prepared

Major Grouping

Minor Grouping

Pub Group Pub Name

- 6822 Dairy Products
- 6835 Fish, Prepared
- 6838 Tallow, Animal Oils
- 6839 Animals & Prod. NEC
- 6856 Bananas & Plantains
- 6857 Fruit & Nuts NEC
- 6858 Fruit Juices
- 6861 Sugar
- 6865 Molasses
- 6871 Coffee
- 6872 Cocoa Beans
- 6885 Alcoholic Beverages
- 6887 Groceries
- 6888 Water & Ice
- 6889 Food Products NEC
- 6891 Tobacco & Products
- 6893 Cotton
- 6894 Natural Fibers NEC
- 6899 Farm Products NEC
- 70 All Manufactured Equipment, Machinery and Products
 - 7110 Machinery (Not Elec)
 - 7120 Electrical Machinery
 - 7210 Vehicles & Parts
 - 7220 Aircraft & Parts
 - 7230 Ships & Boats
 - 7300 Ordnance & Access.
 - 7400 Manufac. Wood Prod.
 - 7500 Textile Products
 - 7600 Rubber & Plastic Pr.
 - 7800 Empty Containers
 - 7900 Manufac. Prod. NEC
- 80 Waste and Scrap NEC
 - 8900 Waste and Scrap NEC
- 90 Unknown or Not Elsewhere Classified
 - 99 Unknown or Not Elsewhere Clsfd
 - 9900 Unknown or NEC

TABLE 1-TON-MILEAGE OF UNITED STATES FREIGHT CARRIED ON THE GREAT LAKES BY AREA, CALENDAR YEAR 2004
(thousand ton-miles)

Area	Area Totals			Foreign						Domestic											
				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	2,032,516	11,315	105,676	52,340	818,551	—	—	—	—	—	—	—	244,388	798,663	964	619	—	—	—	—	
*LAKE ERIE	12,961,916	278,711	1,068,411	3,727,381	4,123,530	432	—	—	—	—	—	—	3,373,510	383,806	2,737	368	—	—	—	3,029	
LAKE HURON	25,943,792	—	929,458	719,723	7,040,673	—	—	—	—	—	—	—	5,528,978	11,713,970	431	10,560	—	—	—	—	
**LAKE MICHIGAN	23,367,042	788,709	—	4,638,500	—	—	—	—	—	—	—	—	15,152,655	2,664,119	49,170	—	—	—	—	73,392	
***LAKE ONTARIO	6,567,834	—	2,065,894	81,560	4,414,378	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	
LAKE SUPERIOR	26,218,763	670,560	—	5,026,196	513,279	—	—	—	—	—	—	—	20,008,653	75	0	—	—	—	—	0	
ST. CLAIR RIVER, MI	2,818,299	—	132,947	11,463	1,094,686	—	—	—	—	—	—	—	173,588	1,404,363	40	1,212	—	—	—	—	
****ST. LAWRENCE RIVER	1,720,277	—	589,497	40,301	1,089,067	599	—	—	—	—	—	—	0	—	—	—	—	—	—	—	
ST. MARYS RIVER, MI	4,945,207	—	111,760	32,320	1,188,707	—	—	—	—	—	—	—	44,495	3,567,924	—	—	—	—	—	—	
WELLAND CANAL, CANADA	671,740	—	143,391	—	527,855	297	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
NET UNITED STATES TRAFFIC ON THE GREAT LAKES	107,247,387	6,896,327	—	35,140,510	—	—	—	—	—	—	—	—	65,059,188	—	24,276	—	—	—	—	—	122,105

* 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 2004
(thousand short tons)

Area	Area Totals	Foreign			Domestic						Intraport In/Out	
		Overseas		Canadian		Coastwise		Lakewise		Internal		
		In/Out	Through	In/Out	Through	In/Out	Through	In/Out	Through	In/Out		Through
DETROIT RIVER, MI	72,458	654	3,409	3,628	26,405	—	—	12,426	25,763	153	20	—
*LAKE ERIE	80,371	1,248	4,062	22,779	17,369	5	—	27,482	4,370	24	1	3,029
LAKE HURON	116,893	—	3,409	3,288	28,929	—	—	23,144	58,086	1	37	—
**LAKE MICHIGAN	66,910	1,663	—	9,999	—	—	—	37,135	8,960	4,412	—	4,740
***LAKE ONTARIO	25,793	—	5,311	963	19,507	—	—	0	0	—	7	0
LAKE SUPERIOR	78,033	1,746	—	14,334	2,900	—	—	58,994	10	0	0	49
ST. CLAIR RIVER, MI	78,241	—	3,409	858	28,069	—	—	9,860	36,009	6	31	—
****ST. LAWRENCE RIVER	15,290	—	5,311	182	9,785	5	—	0	—	—	7	—
ST. MARYS RIVER, MI	83,122	—	1,746	836	23,323	—	—	1,469	55,749	—	—	—
WELLAND CANAL, CANADA	24,888	—	5,311	—	19,565	5	—	—	—	—	7	—
NET UNITED STATES TRAFFIC ON THE GREAT LAKES	178,434	5,311	—	57,130	7	—	103,572	3,671	8,744	—	—	—

* 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
1995	177,750	1998	192,235	2001	171,359	2004	178,434
1996	181,773	1999	182,862	2002	167,226		
1997	188,579	2000	187,489	2003	156,484		

Freight Traffic, 2004 (thousand short tons)

Commodity	Grand Total	Foreign				Domestic			
		Inbound		Outbound		Coastwise	Lakewise	Internal	Intraport
		Canadian	Overseas*	Canadian	Overseas				
Total, all commodities	178,434	22,884	3,202	34,246	2,108	7	103,572	3,671	8,744
Total coal	43,095	1,074	16	17,834	33	—	20,676	1,279	2,182
1100 coal & lignite	40,413	760	16	17,374	—	—	19,989	93	2,181
1200 coal coke	2,682	314	—	460	33	—	687	1,186	1
Total petroleum and petroleum products	5,069	1,159	—	887	35	—	1,715	306	966
Subtotal crude petroleum	109	—	—	91	—	—	—	18	—
2100 crude petroleum	109	—	—	91	—	—	—	18	—
Subtotal petroleum products	4,960	1,159	—	796	35	—	1,715	289	966
2211 gasoline	574	28	—	32	—	—	514	0	0
2330 distillate fuel oil	811	367	—	78	4	—	66	50	246
2340 residual fuel oil	946	562	—	103	—	—	159	32	90
2350 lube oil & greases	13	—	—	3	—	—	1	2	7
2429 naphtha & solvents	29	—	—	10	—	—	6	—	13
2430 asphalt, tar & pitch	1,061	42	—	38	5	—	826	117	32
2540 petroleum coke	1,473	161	—	532	26	—	121	74	559
2640 liquid natural gas	17	—	—	—	—	—	2	0	15
2990 petro. products nec	37	—	—	—	—	—	20	13	4
Total chemicals and related products	1,639	637	54	628	—	4	184	19	114
Subtotal fertilizers	353	306	7	28	—	—	0	13	—
3110 nitrogenous fert.	8	—	2	—	—	—	0	6	—
3120 phosphatic fert.	3	—	—	—	—	—	—	3	—
3130 potassic fert.	334	306	—	28	—	—	—	—	—
3190 fert. & mixes nec	8	—	5	—	—	—	—	3	—
Subtotal other chemicals and related products	1,286	331	47	601	—	4	184	6	114
3212 benzene & toluene	73	48	—	17	—	—	—	—	8
3219 other hydrocarbons	56	11	7	12	—	—	19	6	1
3220 alcohols	11	—	—	—	—	—	—	—	11
3230 carboxylic acids	2	2	—	—	—	—	—	—	—
3250 organo - inorg. comp.	0	—	—	0	—	—	—	—	—
3260 organic comp. nec	7	—	—	7	—	—	—	—	—
3272 sulphuric acid	5	—	—	5	—	—	—	—	—
3274 sodium hydroxide	56	—	—	56	—	—	—	—	—
3275 inorg. elem., oxides, & halogen salts	230	138	—	92	—	—	—	—	—
3276 metallic salts	734	42	39	391	—	4	165	—	93
3282 pigments & paints	97	77	—	21	—	—	—	—	—
3284 medicines	1	0	1	0	—	—	—	—	—
3285 perfumes & cleansers	0	—	—	0	—	—	—	—	—
3286 plastics	0	—	0	0	—	—	—	—	—
3297 chemical additives	0	—	—	0	—	—	—	—	—
3299 chem. products nec	13	13	—	0	—	—	—	—	—
Total crude materials, inedible except fuels	111,389	15,913	236	11,889	278	3	76,975	1,177	4,918
Subtotal forest products, wood and chips	103	36	65	2	—	—	0	0	—
4170 wood in the rough	2	—	—	2	—	—	0	0	—
4189 lumber	101	36	65	—	—	—	0	—	—
Subtotal pulp and waste paper	155	—	118	—	37	—	—	—	—
4225 pulp & waste paper	155	—	118	—	37	—	—	—	—
Subtotal soil, sand, gravel, rock and stone	41,005	5,366	0	3,485	—	2	30,035	248	1,870
4310 building stone	30	—	0	—	—	—	30	—	—
4322 limestone	34,553	3,019	—	2,797	—	—	28,707	—	29
4323 gypsum	870	27	—	111	—	—	493	240	—
4331 sand & gravel	5,511	2,319	—	577	—	2	765	8	1,839
4335 waterway improv. mat	40	—	—	—	—	—	39	—	2
4338 soil & fill dirt	2	—	—	—	—	—	2	0	—
Subtotal iron ore and scrap	60,645	4,502	1	7,383	27	1	45,536	328	2,867
4410 iron ore	60,366	4,487	—	7,383	27	—	45,477	170	2,822
4420 iron & steel scrap	279	15	1	—	—	1	59	158	45
Subtotal non-ferrous ores and scrap	343	58	24	82	72	—	7	99	—
4650 aluminum ore	71	—	—	—	—	—	4	67	—
4670 manganese ore	9	—	—	5	—	—	4	—	—
4680 non-ferrous scrap	31	—	—	—	—	—	—	31	—

TABLE 3 - NET SUMMARY OF FOREIGN AND DOMESTIC FREIGHT CARRIED ON THE GREAT LAKES
 BY TYPE OF TRAFFIC AND COMMODITY
 Freight Traffic, 2004 - continued
 (thousand short tons)

Commodity	Grand Total	Foreign				Domestic			
		Inbound		Outbound		Coastwise	Lakewise	Internal	Intraport
		Canadian	Overseas*	Canadian	Overseas				
4690 non-ferrous ores nec	232	58	24	77	72	—	—	—	—
Subtotal sulphur, clay and salt	694	460	28	50	141	—	—	14	—
4741 sulphur, (dry)	2	2	—	—	—	—	—	—	—
4782 clay & refrac. mat.	692	458	28	50	141	—	—	14	—
Subtotal slag	2,399	1,270	—	6	—	—	636	485	3
4860 slag	2,399	1,270	—	6	—	—	636	485	3
Subtotal other non-metal. min.	6,044	4,221	—	881	—	—	761	3	178
4900 non-metal. min. nec	6,044	4,221	—	881	—	—	761	3	178
Total primary manufactured goods	11,802	3,555	2,840	314	—	—	3,870	679	544
Subtotal paper products	0	—	0	0	—	—	—	—	—
5120 paper & paperboard	0	—	0	—	—	—	—	—	—
5190 paper products nec	0	—	—	0	—	—	—	—	—
Subtotal lime, cement and glass	7,214	3,332	2	259	—	—	3,590	3	28
5210 lime	3	—	—	—	—	—	—	3	—
5220 cement & concrete	7,179	3,302	—	259	—	—	3,590	—	28
5240 glass & glass prod.	0	—	—	0	—	—	—	—	—
5290 misc. mineral prod.	32	30	2	0	—	—	0	—	—
Subtotal primary iron and steel products	4,150	161	2,507	55	—	—	253	660	514
5312 pig iron	290	94	52	—	—	—	80	63	—
5315 ferro alloys	17	3	14	—	—	—	—	—	—
5320 i&s primary forms	1,405	40	1,220	55	—	—	—	85	6
5330 i&s plates & sheets	1,403	23	923	0	—	—	—	326	130
5360 i&s bars & shapes	298	0	276	—	—	—	—	9	12
5370 i&s pipe & tube	17	—	17	—	—	—	0	—	0
5390 primary i&s nec	720	—	5	—	—	—	173	177	366
Subtotal primary non-ferrous metal products	437	62	331	0	—	—	27	16	2
5421 copper	2	—	2	—	—	—	—	—	—
5422 aluminum	24	24	0	—	—	—	—	—	—
5429 smelted prod. nec	2	—	2	—	—	—	—	—	—
5480 fab. metal products	410	37	327	0	—	—	27	16	2
Subtotal primary wood products	0	0	—	—	—	—	—	—	—
5540 primary wood prod.	0	0	—	—	—	—	—	—	—
Total food and farm products	5,056	295	0	2,683	1,758	—	107	211	2
Subtotal fish	0	—	—	—	—	—	0	—	—
6134 fish (not shellfish)	0	—	—	—	—	—	0	—	—
Subtotal grain	3,550	237	—	1,729	1,307	—	107	169	—
6241 wheat	2,301	101	—	910	1,123	—	107	60	—
6344 corn	1,106	—	—	819	178	—	—	109	—
6443 barley & rye	10	3	—	—	7	—	—	—	—
6445 oats	133	133	—	—	—	—	—	—	—
Subtotal oilseeds	1,224	23	—	926	243	—	—	31	2
6522 soybeans	1,155	—	—	926	223	—	—	5	2
6534 flaxseed	20	—	—	—	20	—	—	—	—
6590 oilseeds nec	49	23	—	—	—	—	—	26	—
Subtotal vegetable products	86	—	—	23	61	—	—	2	—
6654 vegetables & prod.	86	—	—	23	61	—	—	2	—
Subtotal processed grain and animal feed	67	11	0	—	47	—	0	9	—
6747 grain mill products	11	11	0	—	—	—	0	—	—
6782 animal feed, prep.	56	—	—	—	47	—	—	9	—
Subtotal other agricultural products	129	23	0	6	100	—	0	—	—
6822 dairy products	0	—	—	0	—	—	—	—	—
6885 alcoholic beverages	2	—	—	2	—	—	—	—	—
6887 groceries	0	—	—	—	—	—	0	—	—
6889 food products nec	63	23	—	4	36	—	—	—	—
6899 farm products nec	64	—	0	—	64	—	—	—	—
Total all manufactured equipment, machinery and products	326	251	22	10	5	—	21	0	18
7110 machinery (not elec)	268	228	13	3	5	—	1	0	18
7120 electrical machinery	33	19	8	6	—	—	—	0	—
7210 vehicles & parts	0	0	0	0	—	—	0	—	—
7230 ships & boats	0	—	0	—	—	—	—	—	—
7400 manufac. wood prod.	1	1	0	—	—	—	—	0	—
7500 textile products	2	1	0	0	—	—	1	—	—
7600 rubber & plastic pr.	1	1	0	0	—	—	—	—	—
7900 manufac. prod. nec	21	—	0	1	—	—	19	0	0
Total waste and scrap nec	0	—	—	—	—	—	0	—	—
8900 waste and scrap nec	0	—	—	—	—	—	0	—	—

TABLE 3 - NET SUMMARY OF FOREIGN AND DOMESTIC FREIGHT CARRIED ON THE GREAT LAKES
 BY TYPE OF TRAFFIC AND COMMODITY
 Freight Traffic, 2004 - continued
 (thousand short tons)

Commodity	Grand Total	Foreign				Domestic			
		Inbound		Outbound		Coastwise	Lakewise	Internal	Intraport
		Canadian	Overseas*	Canadian	Overseas				
Total unknown or not elsewhere classified	59	—	35	0	—	24	—	—	
9900 unknown or nec	59	—	35	0	—	24	—	—	

Tons All Traffic (x1000) 178,434
Total Trip-ton-miles Internal and Intraport (x1000) 4,460,825

*Includes 18,806 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
1995	496	1998	555	2001	518	2004	571
1996	469	1999	560	2002	552		
1997	473	2000	740	2003	641		

Freight Traffic, 2004 (thousand short tons)

Commodity	Grand Total	Canadian		Domestic	
		Inbound	Total	Lakewise	
				Receipts	Shipments
Total, all commodities	571	3	568	553	15
Total crude materials, inedible except fuels	297	—	297	283	15
Subtotal soil, sand, gravel, rock and stone	297	—	297	283	15
4322 limestone	12	—	12	12	—
4323 gypsum	269	—	269	269	—
4331 sand & gravel	2	—	2	0	2
4335 waterway improv. mat	14	—	14	2	12
4338 soil & fill dirt	0	—	0	—	0
Total primary manufactured goods	273	3	270	270	—
Subtotal lime, cement and glass	273	3	270	270	—
5220 cement & concrete	273	3	270	270	—

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
1995	867	1998	935	2001	1,413	2004	1,730
1996	700	1999	949	2002	1,269		
1997	733	2000	1,178	2003	1,828		

Freight Traffic, 2004 (thousand short tons)

Commodity	Grand Total	Internal			
		Inbound	Outbound	Through	
		Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	1,730	1,224	336	130	40
Total coal	33	30	2	—	1
1100 coal & lignite	2	—	2	—	—
1200 coal coke	31	30	—	—	1
Total petroleum and petroleum products	50	—	—	34	16
Subtotal petroleum products	50	—	—	34	16
2330 distillate fuel oil	28	—	—	23	5
2540 petroleum coke	22	—	—	11	11
Total chemicals and related products	94	3	3	87	—
Subtotal fertilizers	3	3	—	—	—
3110 nitrogenous fert.	3	3	—	—	—
Subtotal other chemicals and related products	90	—	3	87	—
3220 alcohols	3	—	3	—	—
3276 metallic salts	87	—	—	87	—
Total crude materials, inedible except fuels	1,474	1,135	317	—	22
Subtotal soil, sand, gravel, rock and stone	1,027	1,027	—	—	—
4331 sand & gravel	1,027	1,027	—	—	—
Subtotal iron ore and scrap	313	1	291	—	20
4410 iron ore	4	—	—	—	4
4420 iron & steel scrap	309	1	291	—	16
Subtotal non-ferrous ores and scrap	2	2	—	—	—
4650 aluminum ore	2	2	—	—	—
Subtotal slag	27	—	25	—	2
4860 slag	27	—	25	—	2
Subtotal other non-metal. min.	105	105	—	—	—
4900 non-metal. min. nec	105	105	—	—	—
Total primary manufactured goods	60	42	8	9	1
Subtotal lime, cement and glass	34	26	8	—	—
5220 cement & concrete	34	26	8	—	—
Subtotal primary iron and steel products	24	14	—	9	1
5312 pig iron	8	7	—	—	1
5330 i&s plates & sheets	9	—	—	9	—

CHICAGO RIVER (MAIN AND NORTH BRANCH), IL (INCLUDED IN PORT OF CHICAGO)
 Freight Traffic, 2004 - continued
 (thousand short tons)

Commodity	Grand Total	Internal			
		Inbound	Outbound	Through	
		Upbound	Downbnd	Upbound	Downbnd
5360 i&s bars & shapes	1	1	—	—	—
5390 primary i&s nec	6	6	—	—	—
Subtotal primary non-ferrous metal products	2	2	—	—	—
5422 aluminum	2	2	—	—	—
Total food and farm products	19	13	6	—	—
Subtotal oilseeds	19	13	6	—	—
6522 soybeans	19	13	6	—	—
Ton-miles (x1000)	938	610	328	0	0
Tons All Traffic (x1000)	1,730				
Ton-miles All Traffic (x1000)	938				
Total Trip-ton-miles Internal and Intraport (x1000)	583,407				

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
1995	1,226	1998	1,500	2001	2,286	2004	3,616
1996	1,088	1999	1,680	2002	2,197		
1997	1,247	2000	1,598	2003	3,946		

Freight Traffic, 2004 (thousand short tons)

Commodity	Grand Total	Internal				
		Inbound	Outbound		Through	
		Upbound	Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	3,616	1,631	2	256	1,262	465
Total coal	805	767	—	5	31	2
1100 coal & lignite	773	767	—	5	—	2
1200 coal coke	31	—	—	—	31	—
Total petroleum and petroleum products	50	—	—	—	16	34
Subtotal petroleum products	50	—	—	—	16	34
2330 distillate fuel oil	28	—	—	—	5	23
2540 petroleum coke	22	—	—	—	11	11
Total chemicals and related products	94	—	—	—	3	90
Subtotal fertilizers	3	—	—	—	3	—
3110 nitrogenous fert.	3	—	—	—	3	—
Subtotal other chemicals and related products	90	—	—	—	—	90
3220 alcohols	3	—	—	—	—	3
3276 metallic salts	87	—	—	—	—	87
Total crude materials, inedible except fuels	2,432	707	2	251	1,155	317
Subtotal soil, sand, gravel, rock and stone	1,732	706	1	—	1,026	—
4331 sand & gravel	1,732	706	1	—	1,026	—
Subtotal iron ore and scrap	566	2	1	251	20	291
4410 iron ore	4	—	—	—	4	—
4420 iron & steel scrap	562	2	1	251	16	291
Subtotal non-ferrous ores and scrap	2	—	—	—	2	—
4650 aluminum ore	2	—	—	—	2	—
Subtotal slag	27	—	—	—	2	25
4860 slag	27	—	—	—	2	25
Subtotal other non-metal. min.	105	—	—	—	105	—
4900 non-metal. min. nec	105	—	—	—	105	—
Total primary manufactured goods	216	157	—	—	43	16
Subtotal lime, cement and glass	191	157	—	—	26	8
5220 cement & concrete	191	157	—	—	26	8
Subtotal primary iron and steel products	24	—	—	—	16	9
5312 pig iron	8	—	—	—	8	—
5330 i&s plates & sheets	9	—	—	—	—	9
5360 i&s bars & shapes	1	—	—	—	1	—
5390 primary i&s nec	6	—	—	—	6	—
Subtotal primary non-ferrous metal products	2	—	—	—	2	—
5422 aluminum	2	—	—	—	2	—

CHICAGO RIVER, SOUTH BRANCH, IL (INCLUDED IN PORT OF CHICAGO, ALSO INCLUDED IN
STATISTICS FOR ILLINOIS WATERWAY)
Freight Traffic, 2004 - continued
(thousand short tons)

Commodity	Grand Total	Internal				
		Inbound	Outbound		Through	
		Upbound	Upbound	Downbnd	Upbound	Downbnd
Total food and farm products	19	—	—	—	13	6
Subtotal oilseeds	19	—	—	—	13	6
6522 soybeans	19	—	—	—	13	6
Ton-miles (x1000)	10,914	2,263	9	5	6,309	2,327

Tons All Traffic (x1000) **3,616**
Ton-miles All Traffic (x1000) **10,914**
Total Trip-ton-miles Internal and Intraport (x1000) **1,032,238**

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
1995	1,913	1998	2,354	2001	1,153	2004	1,366
1996	2,327	1999	1,986	2002	1,078		
1997	1,845	2000	1,924	2003	963		

Freight Traffic, 2004 (thousand short tons)

Commodity	Grand Total	Foreign	Canadian		Domestic				
		Inbound	Inbound	Outbound	Total	Lakewise		Internal	
					Receipts	Shipments	Inbound Upbound	Outbound Downbnd	
Total, all commodities	1,366	41	65	5	1,255	345	46	784	80
Total coal	1	—	—	—	1	—	—	—	1
1100 coal & lignite	1	—	—	—	1	—	—	—	1
Total petroleum and petroleum products	14	—	—	5	9	—	—	9	—
Subtotal petroleum products	14	—	—	5	9	—	—	9	—
2330 distillate fuel oil	7	—	—	—	7	—	—	7	—
2340 residual fuel oil	7	—	—	5	2	—	—	2	—
Total chemicals and related products	16	7	—	—	9	—	—	6	3
Subtotal other chemicals and related products	16	7	—	—	9	—	—	6	3
3219 other hydrocarbons	12	7	—	—	5	—	—	5	—
3220 alcohols	4	—	—	—	4	—	—	1	3
Total crude materials, inedible except fuels	141	—	56	—	84	—	1	52	31
Subtotal soil, sand, gravel, rock and stone	48	—	37	—	11	—	—	11	—
4322 limestone	28	—	26	—	2	—	—	2	—
4331 sand & gravel	20	—	11	—	9	—	—	9	—
Subtotal iron ore and scrap	53	—	—	—	53	—	1	21	31
4420 iron & steel scrap	53	—	—	—	53	—	1	21	31
Subtotal non-ferrous ores and scrap	2	—	—	—	2	—	—	2	—
4680 non-ferrous scrap	2	—	—	—	2	—	—	2	—
Subtotal sulphur, clay and salt	10	—	10	—	—	—	—	—	—
4782 clay & refrac. mat.	10	—	10	—	—	—	—	—	—
Subtotal slag	17	—	—	—	17	—	—	17	—
4860 slag	17	—	—	—	17	—	—	17	—
Subtotal other non-metal. min.	11	—	9	—	2	—	—	2	—
4900 non-metal. min. nec	11	—	9	—	2	—	—	2	—
Total primary manufactured goods	1,137	34	9	—	1,094	345	44	672	33
Subtotal lime, cement and glass	258	—	—	—	258	185	—	51	22
5220 cement & concrete	258	—	—	—	258	185	—	51	22
Subtotal primary iron and steel products	855	34	9	—	812	160	44	596	11
5312 pig iron	427	—	—	—	427	2	44	379	1
5320 i&s primary forms	84	28	—	—	56	—	—	56	—
5330 i&s plates & sheets	111	6	9	—	96	—	—	87	8
5360 i&s bars & shapes	31	—	—	—	31	—	—	29	1
5390 primary i&s nec	203	—	—	—	203	158	—	44	—

LAKE CALUMET, IL (INCLUDED IN PORT OF CHICAGO)
Freight Traffic, 2004 - continued
(thousand short tons)

Commodity	Grand Total	Foreign			Domestic			Internal	
		Inbound	Inbound	Outbound	Total	Lakewise		Inbound Upbound	Outbound Downbnd
						Receipts	Shipments		
Subtotal primary non-ferrous metal products	24	—	—	—	24	—	—	24	—
5480 fab. metal products	24	—	—	—	24	—	—	24	—
Total food and farm products	57	—	—	—	57	—	—	45	12
Subtotal grain	5	—	—	—	5	—	—	2	3
6241 wheat	2	—	—	—	2	—	—	—	2
6344 corn	2	—	—	—	2	—	—	—	2
6445 oats	2	—	—	—	2	—	—	2	—
Subtotal oilseeds	9	—	—	—	9	—	—	—	9
6522 soybeans	9	—	—	—	9	—	—	—	9
Subtotal other agricultural products	43	—	—	—	43	—	—	43	—
6861 sugar	43	—	—	—	43	—	—	43	—
Ton-miles (x1000)	1,169	41	65	5	1,058	343	1	647	67
Tons All Traffic (x1000)			1,366						
Ton-miles All Traffic (x1000)			1,169						
Total Trip-ton-miles Internal and Intraport (x1000)			1,050,512						

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
1995	18,225	1998	16,703	2001	11,481	2004	15,396
1996	20,167	1999	15,895	2002	11,034		
1997	16,552	2000	13,925	2003	11,213		

Freight Traffic, 2004 (thousand short tons)

Commodity	Total	Foreign		Canadian			
		Inbound	Through Downbnd	Inbound	Outbound	Through Upbound	Through Downbnd
Total, all commodities	3,828	265	41	2,179	1,273	5	65
Total coal	889	—	—	54	835	—	—
1100 coal & lignite	808	—	—	54	754	—	—
1200 coal coke	81	—	—	—	81	—	—
Total petroleum and petroleum products	423	—	—	50	368	5	—
Subtotal petroleum products	423	—	—	50	368	5	—
2340 residual fuel oil	57	—	—	39	13	5	—
2430 asphalt, tar & pitch	4	—	—	4	—	—	—
2540 petroleum coke	361	—	—	7	354	—	—
Total chemicals and related products	166	0	7	145	14	—	—
Subtotal fertilizers	36	—	—	36	—	—	—
3130 potassic fert.	36	—	—	36	—	—	—
Subtotal other chemicals and related products	130	0	7	109	14	—	—
3212 benzene & toluene	0	—	—	0	—	—	—
3219 other hydrocarbons	14	—	7	7	—	—	—
3230 carboxylic acids	2	—	—	2	—	—	—
3275 inorg. elem., oxides, & halogen salts	74	—	—	60	14	—	—
3276 metallic salts	16	—	—	16	—	—	—
3282 pigments & paints	24	—	—	24	—	—	—
3286 plastics	0	0	—	—	—	—	—
Total crude materials, inedible except fuels	1,935	0	—	1,878	—	—	56
Subtotal soil, sand, gravel, rock and stone	621	0	—	584	—	—	37
4310 building stone	0	0	—	—	—	—	—
4322 limestone	523	—	—	497	—	—	26
4331 sand & gravel	98	—	—	87	—	—	11
Subtotal iron ore and scrap	223	—	—	223	—	—	—
4410 iron ore	223	—	—	223	—	—	—
Subtotal sulphur, clay and salt	221	—	—	211	—	—	10
4741 sulphur, (dry)	2	—	—	2	—	—	—
4782 clay & refrac. mat.	219	—	—	209	—	—	10
Subtotal slag	14	—	—	14	—	—	—
4860 slag	14	—	—	14	—	—	—
Subtotal other non-metal. min.	856	—	—	847	—	—	9
4900 non-metal. min. nec	856	—	—	847	—	—	9

CALUMET HARBOR AND RIVER, IL AND IN (INCLUDED IN PORT OF CHICAGO)
Freight Traffic, 2004 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian			
		Inbound	Through Downbnd	Inbound	Outbound	Through Upbound Downbnd	
Total primary manufactured goods	352	265	34	44	—	—	9
Subtotal paper products	0	0	—	—	—	—	—
5120 paper & paperboard	0	0	—	—	—	—	—
Subtotal lime, cement and glass	39	0	—	39	—	—	—
5220 cement & concrete	39	—	—	39	—	—	—
5290 misc. mineral prod.	0	0	—	—	—	—	—
Subtotal primary iron and steel products	308	260	34	5	—	—	9
5312 pig iron	8	3	—	5	—	—	—
5315 ferro alloys	14	14	—	—	—	—	—
5320 i&s primary forms	111	84	28	—	—	—	—
5330 i&s plates & sheets	152	137	6	—	—	—	9
5360 i&s bars & shapes	20	20	—	—	—	—	—
5370 i&s pipe & tube	2	2	—	—	—	—	—
5390 primary i&s nec	2	2	—	—	—	—	—
Subtotal primary non-ferrous metal products	4	4	—	—	—	—	—
5421 copper	0	0	—	—	—	—	—
5422 aluminum	0	0	—	—	—	—	—
5480 fab. metal products	4	4	—	—	—	—	—
Total food and farm products	51	0	—	—	51	—	—
Subtotal oilseeds	51	—	—	—	51	—	—
6522 soybeans	51	—	—	—	51	—	—
Subtotal processed grain and animal feed	0	0	—	—	—	—	—
6747 grain mill products	0	0	—	—	—	—	—
Total all manufactured equipment, machinery and products	13	0	—	7	6	—	—
7110 machinery (not elec)	0	0	—	—	—	—	—
7120 electrical machinery	12	0	—	7	6	—	—
7210 vehicles & parts	0	0	—	—	—	—	—
7500 textile products	0	0	—	—	—	—	—
7600 rubber & plastic pr.	0	0	—	—	—	—	—
7900 manufac. prod. nec	0	0	—	—	—	—	—
Total unknown or not elsewhere classified	0	0	—	—	—	—	—
9900 unknown or nec	0	0	—	—	—	—	—
Ton-miles (x1000) Foreign & Canadian	4,384	265	245	2,179	1,273	31	391

Commodity	Total	Domestic				
		Coastwise Through Upbound	Lakewise			Through Upbound Downbnd
			Receipts	Shipments	Through Upbound Downbnd	
Total, all commodities	4,223	1	513	3,317	46	345
Total coal	3,019	—	—	3,019	—	—
1100 coal & lignite	2,425	—	—	2,425	—	—
1200 coal coke	594	—	—	594	—	—
Total petroleum and petroleum products	103	—	—	103	—	—
Subtotal petroleum products	103	—	—	103	—	—
2340 residual fuel oil	7	—	—	7	—	—
2350 lube oil & greases	1	—	—	1	—	—
2540 petroleum coke	96	—	—	96	—	—
Total crude materials, inedible except fuels	403	1	314	87	1	—
Subtotal soil, sand, gravel, rock and stone	320	—	261	59	—	—
4310 building stone	6	—	6	—	—	—
4322 limestone	310	—	251	59	—	—
4331 sand & gravel	4	—	4	—	—	—
Subtotal iron ore and scrap	27	1	—	24	1	—
4410 iron ore	24	—	—	24	—	—
4420 iron & steel scrap	3	1	—	—	1	—
Subtotal non-ferrous ores and scrap	4	—	—	4	—	—
4650 aluminum ore	4	—	—	4	—	—
Subtotal slag	2	—	2	—	—	—
4860 slag	2	—	2	—	—	—
Subtotal other non-metal. min.	51	—	51	—	—	—
4900 non-metal. min. nec	51	—	51	—	—	—
Total primary manufactured goods	696	—	199	108	44	345
Subtotal lime, cement and glass	476	—	186	104	—	185
5220 cement & concrete	476	—	186	104	—	185

CALUMET HARBOR AND RIVER, IL AND IN (INCLUDED IN PORT OF CHICAGO)
 Freight Traffic, 2004 - continued
 (thousand short tons)

Commodity	Total	Domestic				
		Coastwise Upbound	Lakewise			
			Receipts	Shipments	Through	
				Upbound	Downbnd	
Subtotal primary iron and steel products	221	—	13	3	44	160
5312 pig iron	48	—	—	2	44	2
5390 primary i&s nec	173	—	13	2	—	158
Ton-miles (x1000)	19,397	8	1,496	15,823	8	2,061
Domestic						

Commodity	Total	Internal				
		Inbound Upbound	Outbound Downbnd	Through		Intra Upbound
				Upbound	Downbnd	
Total, all commodities	7,346	2,233	834	2,489	1,787	2
Total coal	1,397	104	14	1,266	13	—
1100 coal & lignite	163	70	—	93	—	—
1200 coal coke	1,235	34	14	1,173	13	—
Total petroleum and petroleum products	1,424	945	70	229	178	2
Subtotal crude petroleum	18	—	—	—	18	—
2100 crude petroleum	18	—	—	—	18	—
Subtotal petroleum products	1,406	945	70	229	160	2
2330 distillate fuel oil	104	4	—	26	73	—
2340 residual fuel oil	61	10	—	47	2	2
2350 lube oil & greases	4	—	—	4	—	—
2430 asphalt, tar & pitch	14	—	—	—	14	—
2540 petroleum coke	1,214	931	70	143	70	—
2990 petro. products nec	10	—	—	10	—	—
Total chemicals and related products	77	52	—	17	7	—
Subtotal fertilizers	57	45	—	11	2	—
3110 nitrogenous fert.	48	42	—	6	—	—
3120 phosphatic fert.	3	—	—	1	2	—
3130 potassic fert.	2	2	—	—	—	—
3190 fert. & mixes nec	5	2	—	3	—	—
Subtotal other chemicals and related products	19	7	—	6	6	—
3219 other hydrocarbons	6	—	—	6	—	—
3276 metallic salts	7	1	—	—	6	—
3279 inorganic chem. nec	6	6	—	—	—	—
Total crude materials, inedible except fuels	1,809	329	324	739	417	—
Subtotal forest products, wood and chips	28	28	—	—	—	—
4161 wood chips	18	18	—	—	—	—
4190 forest products nec	10	10	—	—	—	—
Subtotal soil, sand, gravel, rock and stone	283	34	10	240	—	—
4322 limestone	21	21	—	—	—	—
4323 gypsum	240	—	—	240	—	—
4331 sand & gravel	22	12	10	—	—	—
Subtotal iron ore and scrap	639	20	306	287	26	—
4410 iron ore	235	15	55	141	25	—
4420 iron & steel scrap	403	4	251	146	2	—
Subtotal non-ferrous ores and scrap	159	61	—	99	—	—
4650 aluminum ore	72	5	—	67	—	—
4670 manganese ore	42	42	—	—	—	—
4680 non-ferrous scrap	31	—	—	31	—	—
4690 non-ferrous ores nec	14	14	—	—	—	—
Subtotal sulphur, clay and salt	80	66	—	14	—	—
4782 clay & refrac. mat.	80	66	—	14	—	—
Subtotal slag	496	2	8	98	389	—
4860 slag	496	2	8	98	389	—
Subtotal other non-metal. min.	123	120	—	1	2	—
4900 non-metal. min. nec	123	120	—	1	2	—
Total primary manufactured goods	2,093	749	162	203	980	—
Subtotal lime, cement and glass	244	98	143	—	3	—
5210 lime	25	—	22	—	3	—
5220 cement & concrete	219	98	122	—	—	—
Subtotal primary iron and steel products	1,734	554	19	192	969	—
5312 pig iron	227	160	4	62	—	—
5315 ferro alloys	179	177	2	—	—	—
5320 i&s primary forms	96	5	—	79	12	—
5330 i&s plates & sheets	518	70	3	18	428	—
5360 i&s bars & shapes	133	112	—	8	13	—
5390 primary i&s nec	581	30	9	26	516	—
Subtotal primary non-ferrous metal products	115	97	—	11	7	—
5422 aluminum	10	10	—	—	—	—
5429 smelted prod. nec	15	15	—	—	—	—
5480 fab. metal products	89	72	—	11	7	—
Total food and farm products	508	54	243	35	175	—
Subtotal grain	391	18	204	—	169	—
6241 wheat	211	6	144	—	60	—

CALUMET HARBOR AND RIVER, IL AND IN (INCLUDED IN PORT OF CHICAGO)
Freight Traffic, 2004 - continued
(thousand short tons)

Commodity	Total	Internal				
		Inbound	Outbound	Through		Intra
		Upbound	Downbnd	Upbound	Downbnd	Upbound
6344 corn	170	2	59	—	109	—
6442 rice	2	2	—	—	—	—
6445 oats	9	9	—	—	—	—
Subtotal oilseeds	101	30	40	26	5	—
6522 soybeans	73	28	40	—	5	—
6590 oilseeds nec	28	2	—	26	—	—
Subtotal vegetable products	2	—	—	—	2	—
6654 vegetables & prod.	2	—	—	—	2	—
Subtotal processed grain and animal feed	9	—	—	9	—	—
6782 animal feed, prep.	9	—	—	9	—	—
Subtotal other agricultural products	6	6	—	—	—	—
6865 molasses	6	6	—	—	—	—
Total all manufactured equipment, machinery and products	38	—	20	—	17	—
7110 machinery (not elec)	17	—	—	—	17	—
7600 rubber & plastic pr.	20	—	20	—	—	—
Ton-miles (x1000)	32,395	4,830	1,904	14,936	10,725	0
Internal						
Tons All Traffic (x1000)	15,396					
Ton-miles All Traffic (x1000)	56,176					
Total Trip-ton-miles Internal and Inraport (x1000)	6,819,166					

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
1995	25,329	1998	25,979	2001	21,976	2004	24,602
1996	27,886	1999	26,602	2002	20,403		
1997	24,868	2000	23,929	2003	22,610		

Freight Traffic, 2004 (thousand short tons)

Commodity	Total	Foreign	Canadian	
		Inbound	Inbound	Outbound
Total, all commodities	3,828	306	2,244	1,278
Total coal	889	—	54	835
1100 coal & lignite	808	—	54	754
1200 coal coke	81	—	—	81
Total petroleum and petroleum products	423	—	50	373
Subtotal petroleum products	423	—	50	373
2340 residual fuel oil	57	—	39	19
2430 asphalt, tar & pitch	4	—	4	—
2540 petroleum coke	361	—	7	354
Total chemicals and related products	166	7	145	14
Subtotal fertilizers	36	—	36	—
3130 potassic fert.	36	—	36	—
Subtotal other chemicals and related products	130	7	109	14
3212 benzene & toluene	0	—	0	—
3219 other hydrocarbons	14	7	7	—
3230 carboxylic acids	2	—	2	—
3275 inorg. elem., oxides, & halogen salts	74	—	60	14
3276 metallic salts	16	—	16	—
3282 pigments & paints	24	—	24	—
3286 plastics	0	0	—	—
Total crude materials, inedible except fuels	1,935	0	1,935	—
Subtotal soil, sand, gravel, rock and stone	621	0	621	—
4310 building stone	0	0	—	—
4322 limestone	523	—	523	—
4331 sand & gravel	98	—	98	—
Subtotal iron ore and scrap	223	—	223	—
4410 iron ore	223	—	223	—
Subtotal sulphur, clay and salt	221	—	221	—
4741 sulphur, (dry)	2	—	2	—
4782 clay & refrac. mat.	219	—	219	—
Subtotal slag	14	—	14	—
4860 slag	14	—	14	—
Subtotal other non-metal. min.	856	—	856	—
4900 non-metal. min. nec	856	—	856	—

PORT OF CHICAGO, IL
Freight Traffic, 2004 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound		Inbound	Outbound
Total primary manufactured goods	352	299		53	—
Subtotal paper products	0	0		—	—
5120 paper & paperboard	0	0		—	—
Subtotal lime, cement and glass	39	0		39	—
5220 cement & concrete	39	—		39	—
5290 misc. mineral prod.	0	0		—	—
Subtotal primary iron and steel products	308	294		14	—
5312 pig iron	8	3		5	—
5315 ferro alloys	14	14		—	—
5320 i&s primary forms	111	111		—	—
5330 i&s plates & sheets	152	143		9	—
5360 i&s bars & shapes	20	20		—	—
5370 i&s pipe & tube	2	2		—	—
5390 primary i&s nec	2	2		—	—
Subtotal primary non-ferrous metal products	4	4		—	—
5421 copper	0	0		—	—
5422 aluminum	0	0		—	—
5480 fab. metal products	4	4		—	—
Total food and farm products	51	0		—	51
Subtotal oilseeds	51	—		—	51
6522 soybeans	51	—		—	51
Subtotal processed grain and animal feed	0	0		—	—
6747 grain mill products	0	0		—	—
Total all manufactured equipment, machinery and products	13	0		7	6
7110 machinery (not elec)	0	0		—	—
7120 electrical machinery	12	0		7	6
7210 vehicles & parts	0	0		—	—
7500 textile products	0	0		—	—
7600 rubber & plastic pr.	0	0		—	—
7900 manufac. prod. nec	0	0		—	—
Total unknown or not elsewhere classified	0	0		—	—
9900 unknown or nec	0	0		—	—

Commodity	Total	Domestic				
		Lakewise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Total, all commodities	20,774	858	3,363	8,696	3,247	4,610
Total coal	5,422	—	3,019	144	124	2,134
1100 coal & lignite	4,637	—	2,425	73	5	2,134
1200 coal coke	785	—	594	71	119	—
Total petroleum and petroleum products	3,611	—	103	1,793	1,140	574
Subtotal crude petroleum	28	—	—	7	20	—
2100 crude petroleum	28	—	—	7	20	—
Subtotal petroleum products	3,583	—	103	1,786	1,120	574
2211 gasoline	135	—	—	120	15	—
2221 kerosene	11	—	—	11	—	—
2330 distillate fuel oil	452	—	—	157	197	98
2340 residual fuel oil	404	—	7	227	150	20
2350 lube oil & greases	158	—	1	145	7	5
2429 naphtha & solvents	110	—	—	62	36	13
2430 asphalt, tar & pitch	402	—	—	308	68	26
2540 petroleum coke	1,878	—	96	751	636	396
2640 liquid natural gas	19	—	—	4	—	15
2990 petro. products nec	14	—	—	1	11	1
Total chemicals and related products	1,430	—	—	1,268	141	20
Subtotal fertilizers	49	—	—	49	—	—
3110 nitrogenous fert.	45	—	—	45	—	—
3130 potassic fert.	2	—	—	2	—	—
3190 fert. & mixes nec	3	—	—	3	—	—
Subtotal other chemicals and related products	1,381	—	—	1,219	141	20
3212 benzene & toluene	91	—	—	44	38	8
3219 other hydrocarbons	117	—	—	76	40	1
3220 alcohols	536	—	—	464	60	11
3260 organic comp. nec	11	—	—	11	—	—
3274 sodium hydroxide	493	—	—	493	—	—
3275 inorg. elem., oxides, & halogen salts	22	—	—	22	—	—
3276 metallic salts	99	—	—	96	3	—
3279 inorganic chem. nec	7	—	—	7	—	—
3297 chemical additives	5	—	—	5	—	—
Total crude materials, inedible except fuels	6,054	314	88	2,715	1,081	1,856
Subtotal forest products, wood and chips	184	—	—	184	—	—
4161 wood chips	174	—	—	174	—	—
4190 forest products nec	10	—	—	10	—	—

PORT OF CHICAGO, IL
Freight Traffic, 2004 - continued
(thousand short tons)

Commodity	Total	Domestic				
		Lakewise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Subtotal soil, sand, gravel, rock and stone	3,841	261	59	1,568	135	1,818
4310 building stone	6	—	—	—	—	—
4322 limestone	336	251	59	26	—	—
4331 sand & gravel	3,489	4	—	1,532	135	1,818
4335 waterway improv. mat	10	—	—	10	—	—
Subtotal iron ore and scrap	1,032	—	26	59	910	38
4410 iron ore	94	—	24	15	55	—
4420 iron & steel scrap	938	—	1	43	855	38
Subtotal non-ferrous ores and scrap	71	—	4	67	—	—
4650 aluminum ore	12	—	4	8	—	—
4670 manganese ore	44	—	—	44	—	—
4680 non-ferrous scrap	2	—	—	2	—	—
4690 non-ferrous ores nec	14	—	—	14	—	—
Subtotal sulphur, clay and salt	67	—	—	67	—	—
4782 clay & refrac. mat.	67	—	—	67	—	—
Subtotal slag	60	2	—	22	36	—
4860 slag	60	2	—	22	36	—
Subtotal other non-metal. min.	800	51	—	748	—	—
4900 non-metal. min. nec	800	51	—	748	—	—
Total primary manufactured goods	3,517	545	152	2,610	187	24
Subtotal lime, cement and glass	1,653	371	104	1,005	151	22
5210 lime	22	—	—	—	22	—
5220 cement & concrete	1,632	371	104	1,005	129	22
Subtotal primary iron and steel products	1,709	173	47	1,452	34	1
5312 pig iron	601	2	46	546	7	—
5315 ferro alloys	179	—	—	177	2	—
5320 i&s primary forms	64	—	—	62	2	—
5330 i&s plates & sheets	216	—	—	205	10	1
5360 i&s bars & shapes	352	—	—	350	1	—
5370 i&s pipe & tube	4	—	—	4	—	—
5390 primary i&s nec	294	171	2	108	12	—
Subtotal primary non-ferrous metal products	154	—	—	153	2	—
5422 aluminum	14	—	—	14	—	—
5429 smelted prod. nec	21	—	—	21	—	—
5480 fab. metal products	119	—	—	118	2	—
Total food and farm products	706	—	—	165	539	2
Subtotal grain	384	—	—	21	363	—
6241 wheat	173	—	—	6	166	—
6344 corn	198	—	—	2	196	—
6442 rice	2	—	—	2	—	—
6445 oats	12	—	—	12	—	—
Subtotal oilseeds	136	—	—	49	86	2
6522 soybeans	134	—	—	46	86	2
6590 oilseeds nec	2	—	—	2	—	—
Subtotal vegetable products	3	—	—	—	3	—
6654 vegetables & prod.	3	—	—	—	3	—
Subtotal processed grain and animal feed	70	—	—	—	70	—
6782 animal feed, prep.	70	—	—	—	70	—
Subtotal other agricultural products	112	—	—	95	17	—
6861 sugar	71	—	—	71	—	—
6865 molasses	32	—	—	15	17	—
6885 alcoholic beverages	10	—	—	10	—	—
Total all manufactured equipment, machinery and products	35	—	—	—	35	—
7600 rubber & plastic pr.	20	—	—	—	20	—
7800 empty containers	15	—	—	—	15	—

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
1995	15,700	1998	14,910	2001	13,579	2004	18,228
1996	16,893	1999	15,127	2002	13,839		
1997	16,524	2000	16,187	2003	14,133		

Freight Traffic, 2004 (thousand short tons)

Commodity	Total	Canadian	
		Foreign Inbound	Inbound Outbound
Total, all commodities	890	116	72
Total coal	29	—	29
1200 coal coke	29	—	29

INDIANA HARBOR, IN
Freight Traffic, 2004 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound		Inbound	Outbound
Total petroleum and petroleum products	42	—		11	31
Subtotal petroleum products	42	—		11	31
2330 distillate fuel oil	6	—		—	6
2340 residual fuel oil	16	—		11	6
2540 petroleum coke	20	—		—	20
Total chemicals and related products	11	—		—	11
Subtotal other chemicals and related products	11	—		—	11
3275 inorg. elem., oxides, & halogen salts	11	—		—	11
Total crude materials, inedible except fuels	692	—		692	—
Subtotal soil, sand, gravel, rock and stone	40	—		40	—
4322 limestone	40	—		40	—
Subtotal iron ore and scrap	536	—		536	—
4410 iron ore	536	—		536	—
Subtotal slag	116	—		116	—
4860 slag	116	—		116	—
Total primary manufactured goods	116	116		0	—
Subtotal primary iron and steel products	116	116		0	—
5320 i&s primary forms	116	116		0	—

Commodity	Total	Domestic				
		Lakewise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Total, all commodities	17,338	13,142	1,262	1,601	1,232	100
Total coal	990	—	—	976	13	—
1100 coal & lignite	32	—	—	32	—	—
1200 coal coke	958	—	—	945	13	—
Total petroleum and petroleum products	1,402	25	934	158	185	100
Subtotal crude petroleum	18	—	—	—	18	—
2100 crude petroleum	18	—	—	—	18	—
Subtotal petroleum products	1,385	25	934	158	168	100
2211 gasoline	364	7	357	—	—	—
2330 distillate fuel oil	218	14	26	26	81	70
2340 residual fuel oil	111	—	33	46	2	30
2350 lube oil & greases	4	1	—	2	—	—
2429 naphtha & solvents	6	—	6	—	—	—
2430 asphalt, tar & pitch	517	—	503	—	14	—
2540 petroleum coke	153	—	8	75	70	—
2990 petro. products nec	13	3	1	9	—	—
Total chemicals and related products	8	—	—	6	2	—
Subtotal fertilizers	2	—	—	—	2	—
3120 phosphatic fert.	2	—	—	—	2	—
Subtotal other chemicals and related products	6	—	—	6	—	—
3219 other hydrocarbons	6	—	—	6	—	—
Total crude materials, inedible except fuels	14,186	13,116	295	363	412	—
Subtotal soil, sand, gravel, rock and stone	1,672	1,374	58	240	—	—
4322 limestone	1,433	1,374	58	—	—	—
4323 gypsum	240	—	—	240	—	—
Subtotal iron ore and scrap	11,676	11,606	—	47	23	—
4410 iron ore	11,626	11,604	—	—	22	—
4420 iron & steel scrap	51	1	—	47	2	—
Subtotal non-ferrous ores and scrap	70	4	—	66	—	—
4650 aluminum ore	66	—	—	66	—	—
4670 manganese ore	4	4	—	—	—	—
Subtotal slag	766	132	236	10	387	—
4860 slag	766	132	236	10	387	—
Subtotal other non-metal. min.	2	—	—	—	2	—
4900 non-metal. min. nec	2	—	—	—	2	—
Total primary manufactured goods	752	2	33	98	620	—
Subtotal primary iron and steel products	743	2	33	93	615	—
5312 pig iron	22	2	—	21	—	—
5320 i&s primary forms	73	—	—	68	5	—
5330 i&s plates & sheets	187	—	—	—	187	—
5360 i&s bars & shapes	3	—	—	3	—	—
5390 primary i&s nec	458	—	33	2	424	—
Subtotal primary non-ferrous metal products	9	—	—	4	4	—
5480 fab. metal products	9	—	—	4	4	—

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
1995	10,275	1998	9,006	2001	8,735	2004	9,802
1996	9,848	1999	7,456	2002	8,621		
1997	10,414	2000	9,346	2003	8,069		

Freight Traffic, 2004 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
Total, all commodities	1,854	720	65	687	382
Total coal	28	—	—	—	28
1200 coal coke	28	—	—	—	28
Total petroleum and petroleum products	74	—	—	—	74
Subtotal petroleum products	74	—	—	—	74
2540 petroleum coke	74	—	—	—	74
Total chemicals and related products	82	—	—	82	—
Subtotal fertilizers	12	—	—	12	—
3130 potassic fert.	12	—	—	12	—
Subtotal other chemicals and related products	70	—	—	70	—
3275 inorg. elem., oxides, & halogen salts	70	—	—	70	—
Total crude materials, inedible except fuels	582	1	—	582	—
Subtotal forest products, wood and chips	1	1	—	—	—
4189 lumber	1	1	—	—	—
Subtotal iron ore and scrap	477	—	—	477	—
4410 iron ore	477	—	—	477	—
Subtotal sulphur, clay and salt	105	—	—	105	—
4782 clay & refrac. mat.	105	—	—	105	—
Total primary manufactured goods	763	708	—	—	55
Subtotal primary iron and steel products	720	665	—	—	55
5320 i&s primary forms	432	377	—	—	55
5330 i&s plates & sheets	256	256	—	—	—
5360 i&s bars & shapes	24	24	—	—	—
5370 i&s pipe & tube	5	5	—	—	—
5390 primary i&s nec	2	2	—	—	—
Subtotal primary non-ferrous metal products	43	43	—	—	—
5421 copper	1	1	—	—	—
5480 fab. metal products	42	42	—	—	—
Total food and farm products	313	0	65	23	225
Subtotal grain	227	—	65	—	162
6344 corn	227	—	65	—	162
Subtotal oilseeds	86	—	—	23	63
6522 soybeans	63	—	—	—	63
6590 oilseeds nec	23	—	—	23	—
Subtotal other agricultural products	0	0	—	—	—
6899 farm products nec	0	0	—	—	—
Total all manufactured equipment, machinery and products	5	5	—	—	—
7110 machinery (not elec)	5	5	—	—	—
7120 electrical machinery	0	0	—	—	—
Total unknown or not elsewhere classified	5	5	—	—	—
9900 unknown or nec	5	5	—	—	—

Commodity	Total	Domestic					
		Coastwise Receipts	Lakewise		Internal		
			Receipts	Shipments	Receipts	Shipments	Intraport
Total, all commodities	7,948	1	6,783	278	494	390	1
Total coal	256	—	2	84	171	—	—
1100 coal & lignite	4	—	—	—	4	—	—
1200 coal coke	252	—	2	84	166	—	—
Total petroleum and petroleum products	76	—	4	3	69	—	—
Subtotal petroleum products	76	—	4	3	69	—	—
2350 lube oil & greases	2	—	—	—	2	—	—
2540 petroleum coke	69	—	3	—	66	—	—
2990 petro. products nec	6	—	1	3	1	—	—
Total chemicals and related products	46	—	36	—	9	—	—
Subtotal fertilizers	9	—	—	—	9	—	—
3110 nitrogenous fert.	5	—	—	—	5	—	—

BURNS WATERWAY HARBOR, IN
 Freight Traffic, 2004 - continued
 (thousand short tons)

Commodity	Total	Domestic					
		Coastwise	Lakewise		Internal		
		Receipts	Receipts	Shipments	Receipts	Shipments	Intraport
3120 phosphatic fert.	1	—	—	—	1	—	—
3190 fert. & mixes nec	3	—	—	—	3	—	—
Subtotal other chemicals and related products	36	—	36	—	—	—	—
3276 metallic salts	36	—	36	—	—	—	—
Total crude materials, inedible except fuels	7,017	1	6,709	191	112	3	—
Subtotal soil, sand, gravel, rock and stone	925	—	922	4	—	—	—
4322 limestone	925	—	922	4	—	—	—
Subtotal iron ore and scrap	5,672	1	5,577	—	90	3	—
4410 iron ore	5,598	—	5,577	—	18	3	—
4420 iron & steel scrap	74	1	—	—	72	—	—
Subtotal non-ferrous ores and scrap	1	—	—	—	1	—	—
4650 aluminum ore	1	—	—	—	1	—	—
Subtotal sulphur, clay and salt	14	—	—	—	14	—	—
4782 clay & refrac. mat.	14	—	—	—	14	—	—
Subtotal slag	347	—	155	187	5	—	—
4860 slag	347	—	155	187	5	—	—
Subtotal other non-metal. min.	57	—	55	—	1	—	—
4900 non-metal. min. nec	57	—	55	—	1	—	—
Total primary manufactured goods	412	—	32	—	107	272	1
Subtotal lime, cement and glass	2	—	—	—	2	—	—
5220 cement & concrete	2	—	—	—	2	—	—
Subtotal primary iron and steel products	401	—	32	—	99	269	1
5312 pig iron	73	—	32	—	41	—	—
5320 i&s primary forms	18	—	—	—	11	8	—
5330 i&s plates & sheets	175	—	—	—	18	156	1
5360 i&s bars & shapes	18	—	—	—	5	13	—
5390 primary i&s nec	117	—	—	—	25	92	—
Subtotal primary non-ferrous metal products	9	—	—	—	6	3	—
5480 fab. metal products	9	—	—	—	6	3	—
Total food and farm products	124	—	—	—	26	98	—
Subtotal grain	92	—	—	—	—	92	—
6241 wheat	20	—	—	—	—	20	—
6344 corn	72	—	—	—	—	72	—
Subtotal oilseeds	31	—	—	—	26	5	—
6522 soybeans	5	—	—	—	—	5	—
6590 oilseeds nec	26	—	—	—	26	—	—
Subtotal vegetable products	2	—	—	—	—	2	—
6654 vegetables & prod.	2	—	—	—	—	2	—
Total all manufactured equipment, machinery and products	17	—	—	—	—	17	—
7110 machinery (not elec)	17	—	—	—	—	17	—

Other Harbors and Waterways 2004

Harbor or Waterway Project	Commodity	Thousand Short Tons
CHICAGO HARBOR, IL (INCLUDED IN PORT OF CHICAGO)	4335 waterway improv. mat	24
	Total Tons(x1000)	24
MICHIGAN CITY HARBOR, IN	No Commerce Reported	
Non-project		
BUFFINGTON HARBOR, IN	4310 building stone	24
	4322 limestone	1,425
	Total Tons(x1000)	1,449
GARY HARBOR, IN	1100 coal & lignite	87
	1200 coal coke	298
	2540 petroleum coke	12
	3282 pigments & paints	31
	4322 limestone	173
	4410 iron ore	7,346
	4420 iron & steel scrap	95
	4680 non-ferrous scrap	31
	4690 non-ferrous ores nec	28
	4860 slag	160
	5330 i&s plates & sheets	93
	5390 primary i&s nec	140
	5480 fab. metal products	27
	6782 animal feed, prep.	9
	Total Tons(x1000)	8,531

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
1995	8,265	1998	13,223	2001	11,875	2004	13,473
1996	10,662	1999	11,872	2002	14,895		
1997	13,508	2000	13,060	2003	13,033		

Freight Traffic, 2004 (thousand short tons)

Commodity	Grand Total	Canadian	Domestic
		Outbound	Lakewise Shipments
Total, all commodities	13,473	109	13,364
Total chemicals and related products	27	27	—
Subtotal other chemicals and related products	27	27	—
3275 inorg. elem., oxides, & halogen salts	27	27	—
Total crude materials, inedible except fuels	13,446	82	13,364
Subtotal iron ore and scrap	13,442	82	13,360
4410 iron ore	13,416	82	13,334
4420 iron & steel scrap	26	—	26
Subtotal non-ferrous ores and scrap	4	—	4
4670 manganese ore	4	—	4

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
1995	45,049	1998	42,443	2001	39,811	2004	45,393
1996	41,398	1999	42,297	2002	44,161		
1997	41,929	2000	41,678	2003	38,295		

Freight Traffic, 2004 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic			
		Inbound	Outbound	Inbound	Outbound	Total	Lakewise	Internal	
						Receipts	Shipments	Intraport	
Total, all commodities	45,393	57	1,690	433	11,541	31,672	3,798	27,827	47
Total coal	18,504	—	—	—	5,311	13,193	109	13,037	47
1100 coal & lignite	18,504	—	—	—	5,311	13,193	109	13,037	47
Total chemicals and related products	32	2	—	2	—	28	28	—	—
Subtotal other chemicals and related products	32	2	—	2	—	28	28	—	—
3276 metallic salts	32	2	—	2	—	28	28	—	—
Total crude materials, inedible except fuels	23,830	8	241	253	5,219	18,108	3,426	14,683	—
Subtotal forest products, wood and chips	8	8	—	—	—	—	—	—	—
4189 lumber	8	8	—	—	—	—	—	—	—
Subtotal soil, sand, gravel, rock and stone	3,357	—	—	49	—	3,308	3,282	26	—
4322 limestone	3,318	—	—	10	—	3,308	3,282	26	—
4331 sand & gravel	39	—	—	39	—	—	—	—	—
Subtotal iron ore and scrap	19,888	—	27	—	5,116	14,744	87	14,657	—
4410 iron ore	19,888	—	27	—	5,116	14,744	87	14,657	—
Subtotal non-ferrous ores and scrap	150	—	72	—	77	—	—	—	—
4690 non-ferrous ores nec	150	—	72	—	77	—	—	—	—
Subtotal sulphur, clay and salt	167	—	141	—	25	—	—	—	—
4782 clay & refrac. mat.	167	—	141	—	25	—	—	—	—
Subtotal other non-metal. min.	260	—	—	204	—	56	56	—	—
4900 non-metal. min. nec	260	—	—	204	—	56	56	—	—

DULUTH-SUPERIOR HARBOR, MN AND WI
Freight Traffic, 2004 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic			
		Inbound	Outbound	Inbound	Outbound	Total	Lakewise		Internal Intraport
							Receipts	Shipments	
Total primary manufactured goods	460	46	—	178	—	236	236	—	
Subtotal lime, cement and glass	414	—	—	178	—	236	236	—	
5220 cement & concrete	414	—	—	178	—	236	236	—	
Subtotal primary iron and steel products	46	46	—	—	—	—	—	—	
5320 i&s primary forms	42	42	—	—	—	—	—	—	
5330 i&s plates & sheets	3	3	—	—	—	—	—	—	
5370 i&s pipe & tube	0	0	—	—	—	—	—	—	
Subtotal primary non-ferrous metal products	0	0	—	—	—	—	—	—	
5480 fab. metal products	0	0	—	—	—	—	—	—	
Total food and farm products	2,567	—	1,449	—	1,012	107	—	107	
Subtotal grain	2,075	—	1,129	—	839	107	—	107	
6241 wheat	2,069	—	1,123	—	839	107	—	107	
6443 barley & rye	7	—	7	—	—	—	—	—	
Subtotal oilseeds	284	—	112	—	172	—	—	—	
6522 soybeans	264	—	92	—	172	—	—	—	
6534 flaxseed	20	—	20	—	—	—	—	—	
Subtotal vegetable products	61	—	61	—	—	—	—	—	
6654 vegetables & prod.	61	—	61	—	—	—	—	—	
Subtotal processed grain and animal feed	47	—	47	—	—	—	—	—	
6782 animal feed, prep.	47	—	47	—	—	—	—	—	
Subtotal other agricultural products	100	—	100	—	—	—	—	—	
6889 food products nec	36	—	36	—	—	—	—	—	
6899 farm products nec	64	—	64	—	—	—	—	—	

TACONITE HARBOR, MN

NON-CORPS PROJECT

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1995	9,247	1998	8,761	2001	2,243	2004	1,209
1996	8,408	1999	8,366	2002	645		
1997	8,607	2000	8,505	2003	852		

Freight Traffic, 2004 (thousand short tons)

Commodity	Grand Total	Lakewise	
		Receipts	Shipments
Total, all commodities	1,209	938	272
Total coal	938	938	—
1100 coal & lignite	938	938	—
Total crude materials, inedible except fuels	272	—	272
Subtotal iron ore and scrap	272	—	272
4410 iron ore	272	—	272

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
1995	10,099	1998	10,483	2001	9,475	2004	10,134
1996	8,959	1999	9,531	2002	10,592		
1997	11,201	2000	10,742	2003	8,776		

Freight Traffic, 2004 (thousand short tons)

Commodity	Grand Total	Canadian Outbound	Domestic		
			Total	Lakewise	
				Receipts	Shipments
Total, all commodities	10,134	2,071	8,064	1,995	6,069
Total coal	1,965	—	1,965	1,965	—
1100 coal & lignite	1,965	—	1,965	1,965	—
Total crude materials, inedible except fuels	8,170	2,071	6,099	30	6,069
Subtotal soil, sand, gravel, rock and stone	30	—	30	30	—
4322 limestone	30	—	30	30	—
Subtotal iron ore and scrap	8,139	2,071	6,069	—	6,069
4410 iron ore	8,139	2,071	6,069	—	6,069

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
1995	836	1998	869	2001	976	2004	1,538
1996	1,598	1999	818	2002	923		
1997	689	2000	912	2003	1,206		

Freight Traffic, 2004 (thousand short tons)

Commodity	Grand Total	Canadian Inbound	Domestic		
			Total	Lakewise	
				Receipts	Shipments
Total, all commodities	1,538	180	1,358	1,200	157
Total coal	274	25	249	249	—
1100 coal & lignite	249	—	249	249	—
1200 coal coke	25	25	—	—	—
Total petroleum and petroleum products	18	—	18	18	—
Subtotal petroleum products	18	—	18	18	—
2540 petroleum coke	18	—	18	18	—
Total crude materials, inedible except fuels	1,245	155	1,090	933	157
Subtotal soil, sand, gravel, rock and stone	1,061	128	933	933	—
4322 limestone	1,061	128	933	933	—
Subtotal iron ore and scrap	157	—	157	—	157
4410 iron ore	157	—	157	—	157
Subtotal slag	27	27	—	—	—
4860 slag	27	27	—	—	—

SAULT STE. MARIE, MI (INCLUDED IN ST. MARYS RIVER)

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1995	19	1998	76	2001	76	2004	578
1996	22	1999	89	2002	92		
1997	64	2000	41	2003	166		

Freight Traffic, 2004 (thousand short tons)

Commodity	Grand Total	Canadian	
		Inbound	Outbound
Total, all commodities	578	119	459
Total crude materials, inedible except fuels	556	97	459
Subtotal soil, sand, gravel, rock and stone	456	—	456
4322 limestone	36	—	36
4331 sand & gravel	420	—	420
Subtotal non-ferrous ores and scrap	2	—	2
4670 manganese ore	2	—	2
Subtotal slag	20	20	—
4860 slag	20	20	—
Subtotal other non-metal. min.	77	77	—
4900 non-metal. min. nec	77	77	—
Total primary manufactured goods	21	21	—
Subtotal lime, cement and glass	21	21	—
5220 cement & concrete	21	21	—
Total all manufactured equipment, machinery and products	1	1	0
7110 machinery (not elec)	0	—	0
7600 rubber & plastic pr.	1	1	—

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
1995	1,606	1998	1,582	2001	1,198	2004	1,716
1996	1,682	1999	1,732	2002	1,221		
1997	1,560	2000	1,358	2003	1,401		

Freight Traffic, 2004 (thousand short tons)

Commodity	Grand Total	Canadian	Domestic
		Outbound	Lakewise Shipments
Total, all commodities	1,716	258	1,458
Total crude materials, inedible except fuels	1,716	258	1,458
Subtotal soil, sand, gravel, rock and stone	1,716	258	1,458
4322 limestone	1,716	258	1,458

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
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 Nebish 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
1995	78,639	1998	82,235	2001	74,916	2004	83,122
1996	78,939	1999	81,315	2002	80,330		
1997	83,822	2000	84,925	2003	71,921		

Freight Traffic, 2004 (thousand short tons)

Commodity	Total	Foreign		Canadian			
		Through		Inbound	Outbound	Through	
		Upbound	Downbnd			Upbound	Downbnd
Total, all commodities	25,905	57	1,690	119	717	2,985	20,337
Total coal	7,061	—	—	—	—	1,101	5,960
1100 coal & lignite	6,985	—	—	—	—	1,076	5,909
1200 coal coke	76	—	—	—	—	25	51
Total petroleum and petroleum products	165	—	—	—	—	153	12
Subtotal petroleum products	165	—	—	—	—	153	12
2330 distillate fuel oil	4	—	—	—	—	—	4
2430 asphalt, tar & pitch	8	—	—	—	—	—	8
2540 petroleum coke	153	—	—	—	—	153	—
Total chemicals and related products	514	2	—	—	—	57	455
Subtotal fertilizers	334	—	—	—	—	28	306
3130 potassic fert.	334	—	—	—	—	28	306
Subtotal other chemicals and related products	180	2	—	—	—	29	149
3274 sodium hydroxide	16	—	—	—	—	16	—
3275 inorg. elem., oxides, & halogen salts	149	—	—	—	—	—	149
3276 metallic salts	15	2	—	—	—	13	—
Total crude materials, inedible except fuels	13,708	8	241	97	717	1,295	11,350
Subtotal forest products, wood and chips	45	8	—	—	—	—	36
4189 lumber	45	8	—	—	—	—	36
Subtotal soil, sand, gravel, rock and stone	4,902	—	—	—	714	941	3,247
4322 limestone	3,326	—	—	—	294	877	2,155
4331 sand & gravel	1,576	—	—	—	420	64	1,092
Subtotal iron ore and scrap	7,327	—	27	—	—	30	7,269
4410 iron ore	7,327	—	27	—	—	30	7,269
Subtotal non-ferrous ores and scrap	154	—	72	—	2	2	77
4670 manganese ore	5	—	—	—	2	2	—
4690 non-ferrous ores nec	150	—	72	—	—	—	77
Subtotal sulphur, clay and salt	637	—	141	—	—	25	471
4782 clay & refrac. mat.	637	—	141	—	—	25	471
Subtotal slag	297	—	—	20	—	27	250
4860 slag	297	—	—	20	—	27	250
Subtotal other non-metal. min.	346	—	—	77	—	269	—
4900 non-metal. min. nec	346	—	—	77	—	269	—
Total primary manufactured goods	1,780	46	—	21	—	336	1,378
Subtotal lime, cement and glass	1,695	—	—	21	—	336	1,339
5220 cement & concrete	1,688	—	—	21	—	336	1,331
5290 misc. mineral prod.	7	—	—	—	—	—	7
Subtotal primary iron and steel products	85	46	—	—	—	—	39
5320 i&s primary forms	67	42	—	—	—	—	25
5330 i&s plates & sheets	17	3	—	—	—	—	14
5370 i&s pipe & tube	0	0	—	—	—	—	—

ST. MARYS RIVER, MI
Freight Traffic, 2004 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian			
		Through		Inbound	Outbound	Through	
		Upbound	Downbnd			Upbound	Downbnd
Subtotal primary non-ferrous metal products	0	0	—	—	—	—	—
5480 fab. metal products	0	0	—	—	—	—	—
Total food and farm products	2,675	—	1,449	—	—	44	1,182
Subtotal grain	2,145	—	1,129	—	—	40	975
6241 wheat	1,962	—	1,123	—	—	—	839
6344 corn	40	—	—	—	—	40	—
6443 barley & rye	10	—	7	—	—	—	3
6445 oats	133	—	—	—	—	—	133
Subtotal oilseeds	307	—	112	—	—	—	196
6522 soybeans	264	—	92	—	—	—	172
6534 flaxseed	20	—	20	—	—	—	—
6590 oilseeds nec	23	—	—	—	—	—	23
Subtotal vegetable products	61	—	61	—	—	—	0
6654 vegetables & prod.	61	—	61	—	—	—	0
Subtotal processed grain and animal feed	58	—	47	—	—	—	11
6747 grain mill products	11	—	—	—	—	—	11
6782 animal feed, prep.	47	—	47	—	—	—	—
Subtotal other agricultural products	104	—	100	—	—	4	—
6889 food products nec	40	—	36	—	—	4	—
6899 farm products nec	64	—	64	—	—	—	—
Total all manufactured equipment, machinery and products	1	—	—	1	0	—	0
7110 machinery (not elec)	0	—	—	—	0	—	—
7600 rubber & plastic pr.	1	—	—	1	—	—	—
7900 manufac. prod. nec	0	—	—	—	—	—	0
Ton-miles (x1000) Foreign & Canadian	1,332,787	3,621	108,139	5,469	26,852	129,146	1,059,561

Commodity	Total	Lakewise		
		Shipments	Through	
			Upbound	Downbnd
Total, all commodities	57,217	1,469	5,460	50,289
Total coal	11,352	—	1,142	10,210
1100 coal & lignite	11,352	—	1,142	10,210
Total petroleum and petroleum products	18	—	18	—
Subtotal petroleum products	18	—	18	—
2540 petroleum coke	18	—	18	—
Total chemicals and related products	28	—	28	—
Subtotal other chemicals and related products	28	—	28	—
3276 metallic salts	28	—	28	—
Total crude materials, inedible except fuels	45,477	1,469	4,037	39,972
Subtotal soil, sand, gravel, rock and stone	5,388	1,458	3,904	26
4322 limestone	5,388	1,458	3,904	26
Subtotal iron ore and scrap	40,029	11	77	39,942
4410 iron ore	40,003	11	77	39,915
4420 iron & steel scrap	26	—	—	26
Subtotal non-ferrous ores and scrap	4	—	—	4
4670 manganese ore	4	—	—	4
Subtotal other non-metal. min.	56	—	56	—
4900 non-metal. min. nec	56	—	56	—
Total primary manufactured goods	236	—	236	—
Subtotal lime, cement and glass	236	—	236	—
5220 cement & concrete	236	—	236	—
Total food and farm products	107	—	—	107
Subtotal grain	107	—	—	107
6241 wheat	107	—	—	107
Ton-miles (x1000) Lakewise	3,612,420	44,495	349,454	3,218,471
Tons All Traffic (x1000)	83,122			
Ton-miles All Traffic (x1000)	4,945,207			

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
1995	75,113	1998	78,296	2001	68,179	2004	74,971
1996	75,353	1999	76,675	2002	73,968		
1997	79,850	2000	77,956	2003	65,680		

Freight Traffic, 2004 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Through		Through		Total	Lakewise	
		Upbound	Downbnd	Upbound	Downbnd		Through	
						Upbound	Downbnd	
Total, all commodities	74,971	57	1,690	971	16,116	56,138	5,850	50,289
Total coal	17,319	—	—	82	5,885	11,352	1,142	10,210
1100 coal & lignite	17,294	—	—	58	5,885	11,352	1,142	10,210
1200 coal coke	25	—	—	25	—	—	—	—
Total petroleum and petroleum products	171	—	—	153	—	18	18	—
Subtotal petroleum products	171	—	—	153	—	18	18	—
2540 petroleum coke	171	—	—	153	—	18	18	—
Total chemicals and related products	408	2	—	45	333	28	28	—
Subtotal fertilizers	334	—	—	28	306	—	—	—
3130 potassic fert.	334	—	—	28	306	—	—	—
Subtotal other chemicals and related products	74	2	—	18	27	28	28	—
3274 sodium hydroxide	16	—	—	16	—	—	—	—
3275 inorg. elem., oxides, & halogen salts	27	—	—	—	27	—	—	—
3276 metallic salts	32	2	—	2	—	28	28	—
Total crude materials, inedible except fuels	52,501	8	241	445	7,408	44,398	4,427	39,972
Subtotal forest products, wood and chips	45	8	—	—	36	—	—	—
4189 lumber	45	8	—	—	36	—	—	—
Subtotal soil, sand, gravel, rock and stone	4,498	—	—	189	—	4,309	4,283	26
4322 limestone	4,459	—	—	150	—	4,309	4,283	26
4331 sand & gravel	39	—	—	39	—	—	—	—
Subtotal iron ore and scrap	47,326	—	27	—	7,269	40,029	87	39,942
4410 iron ore	47,299	—	27	—	7,269	40,003	87	39,915
4420 iron & steel scrap	26	—	—	—	—	26	—	26
Subtotal non-ferrous ores and scrap	153	—	72	—	77	4	—	4
4670 manganese ore	4	—	—	—	—	4	—	4
4690 non-ferrous ores nec	150	—	72	—	77	—	—	—
Subtotal sulphur, clay and salt	167	—	141	—	25	—	—	—
4782 clay & refrac. mat.	167	—	141	—	25	—	—	—
Subtotal slag	27	—	—	27	—	—	—	—
4860 slag	27	—	—	27	—	—	—	—
Subtotal other non-metal. min.	286	—	—	229	—	56	56	—
4900 non-metal. min. nec	286	—	—	229	—	56	56	—
Total primary manufactured goods	1,818	46	—	205	1,331	236	236	—
Subtotal lime, cement and glass	1,772	—	—	205	1,331	236	236	—
5220 cement & concrete	1,772	—	—	205	1,331	236	236	—
Subtotal primary iron and steel products	46	46	—	—	—	—	—	—
5320 i&s primary forms	42	42	—	—	—	—	—	—
5330 i&s plates & sheets	3	3	—	—	—	—	—	—
5370 i&s pipe & tube	0	0	—	—	—	—	—	—
Subtotal primary non-ferrous metal products	0	0	—	—	—	—	—	—
5480 fab. metal products	0	0	—	—	—	—	—	—
Total food and farm products	2,755	—	1,449	40	1,159	107	—	107
Subtotal grain	2,252	—	1,129	40	975	107	—	107
6241 wheat	2,069	—	1,123	—	839	107	—	107
6344 corn	40	—	—	40	—	—	—	—
6443 barley & rye	10	—	7	—	3	—	—	—
6445 oats	133	—	—	—	133	—	—	—
Subtotal oilseeds	284	—	112	—	172	—	—	—
6522 soybeans	264	—	92	—	172	—	—	—
6534 flaxseed	20	—	20	—	—	—	—	—
Subtotal vegetable products	61	—	61	—	—	—	—	—
6654 vegetables & prod.	61	—	61	—	—	—	—	—
Subtotal processed grain and animal feed	58	—	47	—	11	—	—	—
6747 grain mill products	11	—	—	—	11	—	—	—
6782 animal feed, prep.	47	—	47	—	—	—	—	—
Subtotal other agricultural products	100	—	100	—	—	—	—	—
6889 food products nec	36	—	36	—	—	—	—	—
6899 farm products nec	64	—	64	—	—	—	—	—

ST. MARYS FALLS CANAL, MI AND SAULT STE. MARIE, ONTARIO SHIP CANAL, CN (INCLUDED IN ST. MARYS RIVER)
 Freight Traffic, 2004 - continued
 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Through		Through		Total	Lakewise	
		Upbound	Downbnd	Upbound	Downbnd		Through	
						Upbound	Downbnd	
Ton-miles (x1000)	4,265,408	3,565	106,449	12,250	886,914	3,256,230	88,048	3,168,182

Tons All Traffic (x1000) 74,971
Ton-miles All Traffic (x1000) 4,265,408

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
1995	8,792	1998	10,489	2001	13,010	2004	11,848
1996	8,152	1999	10,586	2002	11,799		
1997	8,677	2000	12,497	2003	11,290		

Freight Traffic, 2004 (thousand short tons)

Commodity	Grand Total	Canadian		Domestic			Internal	
		Through		Total	Lakewise		Through	
		Upbound	Downbnd		Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	11,848	139	270	11,439	3,534	7,868	7	31
Total coal	3,093	—	—	3,093	1,420	1,673	—	—
1100 coal & lignite	2,415	—	—	2,415	742	1,673	—	—
1200 coal coke	677	—	—	677	677	—	—	—
Total petroleum and petroleum products	728	—	—	728	591	105	6	26
Subtotal petroleum products	728	—	—	728	591	105	6	26
2211 gasoline	289	—	—	289	215	74	—	—
2330 distillate fuel oil	52	—	—	52	26	6	5	15
2340 residual fuel oil	37	—	—	37	36	—	1	—
2429 naphtha & solvents	6	—	—	6	6	—	—	—
2430 asphalt, tar & pitch	235	—	—	235	217	18	—	—
2540 petroleum coke	100	—	—	100	84	5	—	11
2990 petro. products nec	9	—	—	9	7	2	—	—
Total chemicals and related products	128	—	—	128	128	—	—	—
Subtotal other chemicals and related products	128	—	—	128	128	—	—	—
3219 other hydrocarbons	19	—	—	19	19	—	—	—
3276 metallic salts	109	—	—	109	109	—	—	—
Total crude materials, inedible except fuels	5,766	—	264	5,503	1,012	4,489	—	1
Subtotal soil, sand, gravel, rock and stone	4,346	—	80	4,266	942	3,324	—	—
4310 building stone	24	—	—	24	—	24	—	—
4322 limestone	3,905	—	36	3,869	867	3,002	—	—
4323 gypsum	280	—	—	280	—	280	—	—
4331 sand & gravel	137	—	44	93	75	19	—	—
Subtotal iron ore and scrap	827	—	—	827	51	774	—	1
4410 iron ore	820	—	—	820	46	774	—	—
4420 iron & steel scrap	7	—	—	7	6	—	—	1
Subtotal non-ferrous ores and scrap	7	—	—	7	4	4	—	—
4650 aluminum ore	4	—	—	4	4	—	—	—
4670 manganese ore	4	—	—	4	—	4	—	—
Subtotal slag	345	—	184	161	16	146	—	—
4860 slag	345	—	184	161	16	146	—	—
Subtotal other non-metal. min.	241	—	—	241	—	241	—	—
4900 non-metal. min. nec	241	—	—	241	—	241	—	—
Total primary manufactured goods	2,127	139	—	1,988	383	1,601	1	3
Subtotal lime, cement and glass	2,126	139	—	1,987	383	1,601	—	3
5210 lime	3	—	—	3	—	—	—	3
5220 cement & concrete	2,122	139	—	1,984	383	1,601	—	—
Subtotal primary iron and steel products	1	—	—	1	—	—	1	—
5312 pig iron	1	—	—	1	—	—	1	—

GRAYS REEF PASSAGE, MI
Freight Traffic, 2004 - continued
(thousand short tons)

Commodity	Grand Total	Canadian		Domestic				
		Through		Total	Lakewise		Internal	
		Upbound	Downbnd		Through		Through	
				Upbound	Downbnd	Upbound	Downbnd	
Total all manufactured equipment, machinery and products	7	—	7	—	—	—	—	—
7120 electrical machinery	7	—	7	—	—	—	—	—
Ton-miles (x1000)	1,658,371	2,772	18,398	1,637,202	574,849	1,054,172	1,741	6,440
Tons All Traffic (x1000)		11,848						
Ton-miles All Traffic (x1000)		1,658,371						
Total Trip-ton-miles Internal and Intraport (x1000)		40,001						

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
1995	1,584	1998	1,281	2001	1,533	2004	1,463
1996	1,666	1999	1,489	2002	1,343		
1997	1,529	2000	1,748	2003	1,305		

Freight Traffic, 2004 (thousand short tons)

Commodity	Grand Total	Canadian		Domestic		
		Inbound	Outbound	Total	Lakewise	
					Receipts	Shipments
Total, all commodities	1,463	184	139	1,140	108	1,033
Total coal	100	—	—	100	100	—
1100 coal & lignite	100	—	—	100	100	—
Total crude materials, inedible except fuels	184	184	—	—	—	—
Subtotal slag	184	184	—	—	—	—
4860 slag	184	184	—	—	—	—
Total primary manufactured goods	1,161	—	139	1,023	—	1,023
Subtotal lime, cement and glass	1,161	—	139	1,023	—	1,023
5220 cement & concrete	1,161	—	139	1,023	—	1,023
Total unknown or not elsewhere classified	18	—	—	18	8	10

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
1995	432	1998	435	2001	1,227	2004	940
1996	460	1999	421	2002	1,457		
1997	477	2000	370	2003	1,175		

Freight Traffic, 2004 (thousand short tons)

Commodity	Grand Total	Canadian		Domestic	
		Inbound	Outbound	Lakewise	Receipts
Total, all commodities	940	66	491	383	
Total coal	369	—	—	369	
1100 coal & lignite	369	—	—	369	
Total chemicals and related products	323	—	323	—	
Subtotal other chemicals and related products	323	—	323	—	
3276 metallic salts	323	—	323	—	
Total crude materials, inedible except fuels	248	66	168	14	
Subtotal soil, sand, gravel, rock and stone	30	16	—	14	
4322 limestone	30	16	—	14	
Subtotal slag	12	12	—	—	
4860 slag	12	12	—	—	
Subtotal other non-metal. min.	205	37	168	—	
4900 non-metal. min. nec	205	37	168	—	

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
1995	1,150	1998	1,075	2001	631	2004	453
1996	1,237	1999	493	2002	492		
1997	864	2000	512	2003	548		

Freight Traffic, 2004 (thousand short tons)

Commodity	Grand Total	Canadian Outbound	Domestic			
			Total	Lakewise		Internal Shipments
				Receipts	Shipments	
Total, all commodities	453	68	386	127	165	93
Total chemicals and related products	326	68	258	—	165	93
Subtotal other chemicals and related products	326	68	258	—	165	93
3276 metallic salts	326	68	258	—	165	93
Total crude materials, inedible except fuels	127	—	127	127	—	—
Subtotal soil, sand, gravel, rock and stone	106	—	106	106	—	—
4322 limestone	106	—	106	106	—	—
Subtotal slag	21	—	21	21	—	—
4860 slag	21	—	21	21	—	—

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
1995	1,825	1998	1,936	2001	2,324	2004	2,684
1996	2,172	1999	1,925	2002	2,187		
1997	2,061	2000	2,435	2003	2,545		

Freight Traffic, 2004 (thousand short tons)

Commodity	Grand Total	Foreign Inbound	Canadian Inbound	Domestic			
				Total	Lakewise		Internal Intraport
					Receipts	Shipments	
Total, all commodities	2,684	7	275	2,402	2,377	24	1
Total coal	1,274	—	—	1,274	1,274	—	—
1100 coal & lignite	1,274	—	—	1,274	1,274	—	—
Total crude materials, inedible except fuels	1,237	—	275	962	947	15	—
Subtotal soil, sand, gravel, rock and stone	881	—	108	773	758	15	—
4322 limestone	832	—	59	773	758	15	—
4331 sand & gravel	49	—	49	—	—	—	—
Subtotal slag	191	—	16	176	176	—	—
4860 slag	191	—	16	176	176	—	—
Subtotal other non-metal. min.	165	—	152	14	14	—	—
4900 non-metal. min. nec	165	—	152	14	14	—	—
Total primary manufactured goods	165	—	—	165	156	9	1
Subtotal lime, cement and glass	165	—	—	165	156	9	1
5220 cement & concrete	165	—	—	165	156	9	1
Total all manufactured equipment, machinery and products	7	7	—	—	—	—	—
7110 machinery (not elec)	3	3	—	—	—	—	—
7120 electrical machinery	4	4	—	—	—	—	—

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
1995	961	1998	1,014	2001	1,794	2004	1,757
1996	971	1999	1,110	2002	883		
1997	988	2000	1,555	2003	1,093		

Freight Traffic, 2004 (thousand short tons)

Commodity	Grand Total	Canadian Inbound	Domestic			
			Total	Lakewise		Internal Outbound Downbnd
				Receipts	Shipments	
Total, all commodities	1,757	657	1,100	913	167	21
Total coal	175	—	175	175	—	—
1100 coal & lignite	175	—	175	175	—	—
Total crude materials, inedible except fuels	1,461	657	805	617	167	21
Subtotal soil, sand, gravel, rock and stone	1,183	422	761	574	167	21
4322 limestone	621	61	560	560	—	—
4331 sand & gravel	563	361	202	15	167	21
Subtotal sulphur, clay and salt	19	19	—	—	—	—
4782 clay & refrac. mat.	19	19	—	—	—	—
Subtotal slag	162	119	43	43	—	—
4860 slag	162	119	43	43	—	—
Subtotal other non-metal. min.	97	97	—	—	—	—
4900 non-metal. min. nec	97	97	—	—	—	—
Total primary manufactured goods	120	—	120	120	—	—
Subtotal lime, cement and glass	120	—	120	120	—	—
5220 cement & concrete	120	—	120	120	—	—

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
1995	432	1998	476	2001	443	2004	544
1996	407	1999	453	2002	621		
1997	398	2000	389	2003	560		

Commodity	Grand Total	Canadian Inbound	Domestic		
			Total	Lakewise	
				Receipts	Shipments
Total, all commodities	544	19	525	487	38
Total coal	126	—	126	126	—
1100 coal & lignite	126	—	126	126	—
Total crude materials, inedible except fuels	387	19	367	362	6
Subtotal soil, sand, gravel, rock and stone	338	—	338	338	—
4322 limestone	338	—	338	338	—
Subtotal iron ore and scrap	6	6	6	—	6
4420 iron & steel scrap	6	6	6	—	6
Subtotal slag	24	—	24	24	—
4860 slag	24	—	24	24	—
Subtotal other non-metal. min.	19	19	—	—	—
4900 non-metal. min. nec	19	19	—	—	—
Total primary manufactured goods	32	—	32	—	32
Subtotal primary iron and steel products	32	—	32	—	32
5312 pig iron	32	—	32	—	32

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
1995	598	1998	747	2001	1,015	2004	748
1996	447	1999	510	2002	602		
1997	609	2000	735	2003	738		

Freight Traffic, 2004 (thousand short tons)

Commodity	Grand Total	Domestic	
		Lakewise	Internal
		Receipts	Inbound Upbound
Total, all commodities	748	723	26
Total crude materials, inedible except fuels	472	451	21
Subtotal soil, sand, gravel, rock and stone	472	451	21
4322 limestone	284	284	—
4331 sand & gravel	187	167	21
Total primary manufactured goods	277	272	5
Subtotal lime, cement and glass	277	272	5
5220 cement & concrete	277	272	5

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
1995	314	1998	308	2001	279	2004	352
1996	276	1999	365	2002	272		
1997	282	2000	298	2003	242		

Freight Traffic, 2004 (thousand short tons)

Commodity	Grand Total	Lakewise	
		Receipts	Shipments
Total, all commodities	352	352	1
Total petroleum and petroleum products	341	341	—
Subtotal petroleum products	341	341	—
2211 gasoline	279	279	—
2330 distillate fuel oil	32	32	—
2340 residual fuel oil	16	16	—
2990 petro. products nec	14	14	—
Total crude materials, inedible except fuels	11	11	—
Subtotal soil, sand, gravel, rock and stone	11	11	—
4322 limestone	11	11	—
Total all manufactured equipment, machinery and products	1	—	1
7900 manufac. prod. nec	1	—	1

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
1995	3,262	1998	3,108	2001	3,373	2004	3,156
1996	2,858	1999	3,531	2002	3,127		
1997	3,265	2000	3,539	2003	3,002		

Freight Traffic, 2004 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
Total, all commodities	1,329	172	21	903	233
Total crude materials, inedible except fuels	783	—	—	691	92
Subtotal soil, sand, gravel, rock and stone	92	—	—	—	92
4331 sand & gravel	92	—	—	—	92
Subtotal other non-metal. min.	691	—	—	691	—
4900 non-metal. min. nec	691	—	—	691	—
Total primary manufactured goods	372	159	—	212	—
Subtotal lime, cement and glass	212	—	—	212	—
5220 cement & concrete	212	—	—	212	—
Subtotal primary iron and steel products	127	127	—	—	—
5320 i&s primary forms	73	73	—	—	—
5330 i&s plates & sheets	37	37	—	—	—
5360 i&s bars & shapes	17	17	—	—	—
5370 i&s pipe & tube	0	0	—	—	—
5390 primary i&s nec	0	0	—	—	—
Subtotal primary non-ferrous metal products	32	32	—	—	—
5480 fab. metal products	32	32	—	—	—
Total food and farm products	161	—	21	—	140
Subtotal grain	111	—	21	—	90
6344 corn	111	—	21	—	90
Subtotal oilseeds	50	—	—	—	50
6522 soybeans	50	—	—	—	50
Total all manufactured equipment, machinery and products	2	1	—	—	1
7110 machinery (not elec)	1	1	—	—	—
7120 electrical machinery	0	0	—	—	—
7230 ships & boats	0	0	—	—	—
7900 manufac. prod. nec	1	0	—	—	1
Total unknown or not elsewhere classified	12	12	—	—	—
9900 unknown or nec	12	12	—	—	—

Commodity	Total	Domestic				
		Lakewise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Total, all commodities	1,827	1,745	2	1	77	1
Total coal	733	733	—	—	—	—
1100 coal & lignite	733	733	—	—	—	—
Total petroleum and petroleum products	174	174	—	—	—	—
Subtotal petroleum products	174	174	—	—	—	—
2430 asphalt, tar & pitch	174	174	—	—	—	—
Total chemicals and related products	1	—	—	1	—	—
Subtotal fertilizers	1	—	—	1	—	—
3110 nitrogenous fert.	1	—	—	1	—	—
Total crude materials, inedible except fuels	149	146	2	—	—	1
Subtotal soil, sand, gravel, rock and stone	28	25	2	—	—	1
4322 limestone	10	10	—	—	—	—
4323 gypsum	11	11	—	—	—	—
4331 sand & gravel	0	—	0	—	—	—
4335 waterway improv. mat	6	4	2	—	—	1
4338 soil & fill dirt	0	0	—	—	—	—
Subtotal other non-metal. min.	121	121	—	—	—	—
4900 non-metal. min. nec	121	121	—	—	—	—
Total primary manufactured goods	692	692	—	—	—	—
Subtotal lime, cement and glass	692	692	—	—	—	—
5220 cement & concrete	692	692	—	—	—	—
Total food and farm products	77	—	—	—	77	—
Subtotal grain	77	—	—	—	77	—
6241 wheat	40	—	—	—	40	—

MILWAUKEE HARBOR, WI
Freight Traffic, 2004 - continued
(thousand short tons)

Commodity	Total	Domestic				
		Lakewise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
6344 corn	37	—	—	—	37	—
Total all manufactured equipment, machinery and products	0	—	—	—	—	0
7110 machinery (not elec)	0	—	—	—	—	0

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
1995	373	1998	414	2001	408	2004	282
1996	312	1999	379	2002	421		
1997	407	2000	287	2003	383		

Freight Traffic, 2004 (thousand short tons)

Commodity	Grand Total	Lakewise	
		Receipts	Shipments
Total, all commodities	282	247	35
Total coal	104	104	—
1100 coal & lignite	104	104	—
Total petroleum and petroleum products	17	17	—
Subtotal petroleum products	17	17	—
2540 petroleum coke	17	17	—
Total crude materials, inedible except fuels	35	—	35
Subtotal soil, sand, gravel, rock and stone	35	—	35
4310 building stone	6	—	6
4322 limestone	5	—	5
4335 waterway improv. mat	24	—	24
Total primary manufactured goods	126	126	—
Subtotal lime, cement and glass	126	126	—
5220 cement & concrete	126	126	—

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
1995	2,122	1998	2,353	2001	2,242	2004	2,361
1996	2,176	1999	2,333	2002	2,078		
1997	2,130	2000	1,551	2003	2,084		

Freight Traffic, 2004 (thousand short tons)

Commodity	Grand Total	Foreign	Canadian	Domestic		
		Inbound	Inbound	Total	Lakewise	Internal
				Receipts	Shipments	Outbound Downbnd
Total, all commodities	2,361	60	395	1,907	1,902	5
Total coal	838	—	—	838	838	—
1100 coal & lignite	838	—	—	838	838	—
Total petroleum and petroleum products	37	—	—	37	37	—
Subtotal petroleum products	37	—	—	37	37	—
2430 asphalt, tar & pitch	37	—	—	37	37	—
Total chemicals and related products	20	—	—	20	20	—
Subtotal other chemicals and related products	20	—	—	20	20	—
3276 metallic salts	20	—	—	20	20	—
Total crude materials, inedible except fuels	993	60	273	659	659	—
Subtotal forest products, wood and chips	26	26	—	—	—	—
4189 lumber	26	26	—	—	—	—

GREEN BAY HARBOR, WI
Freight Traffic, 2004 - continued
(thousand short tons)

Commodity	Grand Total	Foreign	Canadian	Domestic		
		Inbound	Inbound	Total	Lakewise	Internal
				Receipts		Outbound Downbnd
Subtotal pulp and waste paper	34	34	—	—	—	—
4225 pulp & waste paper	34	34	—	—	—	—
Subtotal soil, sand, gravel, rock and stone	681	—	22	659	659	—
4322 limestone	681	—	22	659	659	—
Subtotal other non-metal. min.	251	—	251	—	—	—
4900 non-metal. min. nec	251	—	251	—	—	—
Total primary manufactured goods	473	—	121	352	346	5
Subtotal lime, cement and glass	439	—	88	352	346	5
5220 cement & concrete	439	—	88	352	346	5
Subtotal primary iron and steel products	34	—	34	—	—	—
5312 pig iron	34	—	34	—	—	—

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
1995	2,767	1998	3,078	2001	3,268	2004	3,275
1996	2,345	1999	3,947	2002	3,218		
1997	2,901	2000	3,405	2003	3,000		

Freight Traffic, 2004 (thousand short tons)

Commodity	Grand Total	Canadian		Domestic		
		Inbound	Outbound	Total	Lakewise	
				Receipts		Shipments
Total, all commodities	3,275	144	117	3,014	561	2,454
Total coal	495	—	—	495	495	—
1100 coal & lignite	258	—	—	258	258	—
1200 coal coke	237	—	—	237	237	—
Total crude materials, inedible except fuels	194	144	—	51	51	—
Subtotal soil, sand, gravel, rock and stone	40	17	—	23	23	—
4322 limestone	23	—	—	23	23	—
4331 sand & gravel	17	17	—	—	—	—
Subtotal iron ore and scrap	24	—	—	24	24	—
4410 iron ore	24	—	—	24	24	—
Subtotal non-ferrous ores and scrap	4	—	—	4	4	—
4650 aluminum ore	4	—	—	4	4	—
Subtotal slag	62	62	—	—	—	—
4860 slag	62	62	—	—	—	—
Subtotal other non-metal. min.	64	64	—	—	—	—
4900 non-metal. min. nec	64	64	—	—	—	—
Total primary manufactured goods	2,586	—	117	2,469	15	2,454
Subtotal lime, cement and glass	2,586	—	117	2,469	15	2,454
5220 cement & concrete	2,586	—	117	2,469	15	2,454

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
1995	194	1998	388	2001	196	2004	401
1996	191	1999	165	2002	429		
1997	260	2000	51	2003	356		

Freight Traffic, 2004 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic		
		Inbound	Outbound	Inbound	Total	Lakewise	
					Receipts	Shipments	
Total, all commodities	401	135	37	143	87	81	6
Total coal	21	—	—	—	21	21	—
1100 coal & lignite	21	—	—	—	21	21	—
Total crude materials, inedible except fuels	242	85	37	100	20	16	4
Subtotal forest products, wood and chips	1	1	—	—	—	—	—
4189 lumber	1	1	—	—	—	—	—
Subtotal pulp and waste paper	121	84	37	—	—	—	—
4225 pulp & waste paper	121	84	37	—	—	—	—
Subtotal soil, sand, gravel, rock and stone	20	—	—	—	20	16	4
4322 limestone	20	—	—	—	20	16	4
Subtotal other non-metal. min.	100	—	—	100	—	—	—
4900 non-metal. min. nec	100	—	—	100	—	—	—
Total primary manufactured goods	138	49	—	43	46	44	2
Subtotal primary iron and steel products	138	49	—	43	46	44	2
5312 pig iron	138	49	—	43	46	44	2
Total all manufactured equipment, machinery and products	0	0	—	—	—	—	—
7110 machinery (not elec)	0	0	—	—	—	—	—

SAGINAW RIVER, MI

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

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1995	4,720	1998	5,609	2001	5,839	2004	5,516
1996	5,264	1999	5,290	2002	5,819		
1997	5,730	2000	4,609	2003	5,404		

Freight Traffic, 2004 (thousand short tons)

Commodity	Grand Total	Canadian Inbound	Domestic			
			Total	Lakewise	Internal	
				Receipts	Inbound Downbnd	Intra Downbnd
Total, all commodities	5,516	1,355	4,161	4,150	1	10
Total coal	338	—	338	338	—	—
1100 coal & lignite	338	—	338	338	—	—
Total petroleum and petroleum products	228	47	181	181	—	—
Subtotal petroleum products	228	47	181	181	—	—
2340 residual fuel oil	108	47	61	61	—	—
2430 asphalt, tar & pitch	120	—	120	120	—	—
Total chemicals and related products	164	83	81	81	—	—
Subtotal fertilizers	80	80	—	—	—	—
3130 potassic fert.	80	80	—	—	—	—
Subtotal other chemicals and related products	85	4	81	81	—	—
3275 inorg. elem., oxides, & halogen salts	4	4	—	—	—	—
3276 metallic salts	81	—	81	81	—	—
Total crude materials, inedible except fuels	4,063	671	3,391	3,381	—	10
Subtotal soil, sand, gravel, rock and stone	3,759	384	3,376	3,365	—	10
4322 limestone	3,618	244	3,374	3,364	—	10

SAGINAW RIVER, MI
Freight Traffic, 2004 - continued
(thousand short tons)

Commodity	Grand Total	Canadian		Domestic			
		Inbound	Receipts	Total	Lakewise	Internal	
						Inbound	Intra
				Downbnd		Downbnd	
4331 sand & gravel	140	140	—	—	—	—	—
4338 soil & fill dirt	1	—	1	1	—	—	—
Subtotal slag	52	36	16	16	—	—	—
4860 slag	52	36	16	16	—	—	—
Subtotal other non-metal. min.	252	252	—	—	—	—	—
4900 non-metal. min. nec	252	252	—	—	—	—	—
Total primary manufactured goods	723	553	170	169	1	—	—
Subtotal lime, cement and glass	722	553	169	169	—	—	—
5220 cement & concrete	709	540	169	169	—	—	—
5290 misc. mineral prod.	13	13	—	—	—	—	—
Subtotal primary iron and steel products	1	—	1	—	1	—	—
5312 pig iron	1	—	1	—	1	—	—

Tons All Traffic (x1000) 5,516
Total Trip-ton-miles Internal and Intraport (x1000) 845

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
1995	78,813	1998	84,238	2001	79,143	2004	78,241
1996	78,546	1999	79,910	2002	79,341		
1997	79,777	2000	85,078	2003	68,067		

Freight Traffic, 2004 (thousand short tons)

Commodity	Total	Foreign		Canadian			
		Through		Inbound	Outbound	Through	
		Upbound	Downbnd			Upbound	Downbnd
Total, all commodities	32,335	1,572	1,837	852	6	7,698	20,371
Total coal	10,473	—	25	—	—	3,472	6,976
1100 coal & lignite	10,050	—	—	—	—	3,472	6,579
1200 coal coke	423	—	25	—	—	—	398
Total petroleum and petroleum products	925	—	—	80	—	175	670
Subtotal petroleum products	925	—	—	80	—	175	670
2330 distillate fuel oil	220	—	—	35	—	43	142
2340 residual fuel oil	295	—	—	45	—	104	145
2430 asphalt, tar & pitch	25	—	—	—	—	—	25
2540 petroleum coke	384	—	—	—	—	28	357
Total chemicals and related products	898	9	—	—	—	177	712
Subtotal fertilizers	206	—	—	—	—	28	178
3130 potassic fert.	206	—	—	—	—	28	178
Subtotal other chemicals and related products	693	9	—	—	—	149	534
3212 benzene & toluene	65	—	—	—	—	0	65
3219 other hydrocarbons	30	7	—	—	—	7	15
3230 carboxylic acids	2	—	—	—	—	2	—
3260 organic comp. nec	7	—	—	—	—	—	7
3272 sulphuric acid	5	—	—	—	—	—	5
3274 sodium hydroxide	56	—	—	—	—	56	—
3275 inorg. elem., oxides, & halogen salts	67	—	—	—	—	11	56
3276 metallic salts	355	2	—	—	—	18	335
3282 pigments & paints	97	—	—	—	—	55	43
3286 plastics	0	0	—	—	—	—	—
3299 chem. products nec	8	—	—	—	—	—	8
Total crude materials, inedible except fuels	13,513	154	278	772	6	2,895	9,408
Subtotal forest products, wood and chips	73	36	—	—	—	—	36
4189 lumber	73	36	—	—	—	—	36
Subtotal pulp and waste paper	155	118	37	—	—	—	—
4225 pulp & waste paper	155	118	37	—	—	—	—
Subtotal soil, sand, gravel, rock and stone	3,700	0	—	772	—	237	2,691
4310 building stone	0	0	—	—	—	—	—
4322 limestone	2,795	—	—	565	—	158	2,072
4331 sand & gravel	904	—	—	207	—	79	619
Subtotal iron ore and scrap	6,754	—	27	—	—	1,445	5,281
4410 iron ore	6,754	—	27	—	—	1,445	5,281
Subtotal non-ferrous ores and scrap	177	—	72	—	—	28	77
4690 non-ferrous ores nec	177	—	72	—	—	28	77
Subtotal sulphur, clay and salt	271	—	141	—	—	2	128
4741 sulphur, (dry)	2	—	—	—	—	2	—
4782 clay & refrac. mat.	269	—	141	—	—	—	128

ST. CLAIR RIVER, MI
Freight Traffic, 2004 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian			
		Through		Inbound	Outbound	Through	
		Upbound	Downbnd			Upbound	Downbnd
Subtotal slag	465	—	—	—	6	428	31
4860 slag	465	—	—	—	6	428	31
Subtotal other non-metal. min.	1,919	—	—	—	—	756	1,162
4900 non-metal. min. nec	1,919	—	—	—	—	756	1,162
Total primary manufactured goods	3,313	1,377	—	—	—	830	1,105
Subtotal paper products	0	0	—	—	—	—	—
5120 paper & paperboard	0	0	—	—	—	—	—
Subtotal lime, cement and glass	1,768	0	—	—	—	749	1,019
5220 cement & concrete	1,768	—	—	—	—	749	1,019
5290 misc. mineral prod.	0	0	—	—	—	—	—
Subtotal primary iron and steel products	1,464	1,297	—	—	—	82	85
5312 pig iron	134	52	—	—	—	81	—
5315 ferro alloys	14	14	—	—	—	—	—
5320 i&s primary forms	800	720	—	—	—	0	80
5330 i&s plates & sheets	445	440	—	—	—	—	5
5360 i&s bars & shapes	61	61	—	—	—	—	—
5370 i&s pipe & tube	7	7	—	—	—	—	—
5390 primary i&s nec	4	4	—	—	—	—	—
Subtotal primary non-ferrous metal products	80	80	—	—	—	—	—
5421 copper	2	2	—	—	—	—	—
5422 aluminum	0	0	—	—	—	—	—
5480 fab. metal products	78	78	—	—	—	—	—
Total food and farm products	3,168	0	1,534	—	—	142	1,492
Subtotal grain	2,486	—	1,214	—	—	126	1,146
6241 wheat	1,974	—	1,123	—	—	—	852
6344 corn	369	—	85	—	—	126	158
6443 barley & rye	10	—	7	—	—	—	3
6445 oats	133	—	—	—	—	—	133
Subtotal oilseeds	447	—	112	—	—	—	336
6522 soybeans	427	—	92	—	—	—	336
6534 flaxseed	20	—	20	—	—	—	—
Subtotal vegetable products	73	—	61	—	—	11	0
6654 vegetables & prod.	73	—	61	—	—	11	0
Subtotal processed grain and animal feed	58	0	47	—	—	—	11
6747 grain mill products	11	0	—	—	—	—	11
6782 animal feed, prep.	47	—	47	—	—	—	—
Subtotal other agricultural products	104	0	100	—	—	4	—
6889 food products nec	40	—	36	—	—	4	—
6899 farm products nec	64	0	64	—	—	—	—
Total all manufactured equipment, machinery and products	29	14	—	—	—	7	8
7110 machinery (not elec)	10	10	—	—	—	—	—
7120 electrical machinery	16	4	—	—	—	7	6
7210 vehicles & parts	0	0	—	—	—	—	—
7230 ships & boats	0	0	—	—	—	—	—
7400 manufac. wood prod.	1	—	—	—	—	—	1
7500 textile products	0	0	—	—	—	—	—
7600 rubber & plastic pr.	0	0	—	—	—	—	—
7900 manufac. prod. nec	1	0	—	—	—	—	1
Total unknown or not elsewhere classified	18	18	—	—	—	—	—
9900 unknown or nec	18	18	—	—	—	—	—
Ton-miles (x1000) Foreign & Canadian	1,239,096	61,318	71,629	11,423	41	300,215	794,472

Commodity	Total	Domestic					
		Lakewise			Internal		
		Receipts	Shipments	Through		Inbound Downbnd	Through Upbound
Upbound	Downbnd						
Total, all commodities	45,906	9,765	95	3,461	32,548	6	31
Total coal	12,262	8,239	94	2,540	1,390	—	—
1100 coal & lignite	11,821	8,239	94	2,540	949	—	—
1200 coal coke	441	—	—	—	441	—	—
Total petroleum and petroleum products	533	48	0	257	196	6	26
Subtotal petroleum products	533	48	0	257	196	6	26
2211 gasoline	148	—	—	143	5	—	—
2330 distillate fuel oil	51	6	—	19	7	5	15
2340 residual fuel oil	123	43	0	63	16	1	—
2429 naphtha & solvents	6	—	—	—	6	—	—
2430 asphalt, tar & pitch	115	—	—	18	96	—	—
2540 petroleum coke	82	—	—	5	66	—	11
2990 petro. products nec	9	—	—	9	—	—	—
Total chemicals and related products	19	—	—	—	19	—	—
Subtotal other chemicals and related products	19	—	—	—	19	—	—
3219 other hydrocarbons	19	—	—	—	19	—	—

ST. CLAIR RIVER, MI
Freight Traffic, 2004 - continued
(thousand short tons)

Commodity	Total	Domestic					
		Lakewise				Internal	
		Receipts	Shipments	Through		Inbound	Through
		Upbound	Downbnd	Downbnd	Upbound		
Total crude materials, inedible except fuels	32,139	1,477	1	638	30,020	—	1
Subtotal soil, sand, gravel, rock and stone	10,387	1,446	1	94	8,846	—	—
4322 limestone	9,899	1,446	—	90	8,363	—	—
4323 gypsum	197	—	—	—	197	—	—
4331 sand & gravel	289	—	—	4	285	—	—
4338 soil & fill dirt	1	—	1	—	—	—	—
Subtotal iron ore and scrap	21,215	—	—	39	21,175	—	1
4410 iron ore	21,208	—	—	39	21,169	—	—
4420 iron & steel scrap	7	—	—	—	6	—	1
Subtotal slag	240	32	—	208	—	—	—
4860 slag	240	32	—	208	—	—	—
Subtotal other non-metal. min.	298	—	—	298	—	—	—
4900 non-metal. min. nec	298	—	—	298	—	—	—
Total primary manufactured goods	846	—	—	27	816	—	3
Subtotal lime, cement and glass	820	—	—	—	816	—	3
5210 lime	3	—	—	—	—	—	3
5220 cement & concrete	816	—	—	—	816	—	—
Subtotal primary non-ferrous metal products	27	—	—	27	—	—	—
5480 fab. metal products	27	—	—	27	—	—	—
Total food and farm products	107	—	—	—	107	—	—
Subtotal grain	107	—	—	—	107	—	—
6241 wheat	107	—	—	—	107	—	—
Ton-miles (x1000)	1,579,203	171,431	2,157	134,985	1,269,378	40	1,212
Domestic							
Tons All Traffic (x1000)	78,241						
Ton-miles All Traffic (x1000)	2,818,299						
Total Trip-ton-miles Internal and Intraport (x1000)	39,259						

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
1995	889	1998	1,282	2001	1,503	2004	1,362
1996	1,068	1999	1,357	2002	1,323		
1997	1,142	2000	1,227	2003	1,213		

Freight Traffic, 2004 (thousand short tons)

Commodity	Grand Total	Canadian		Domestic		
		Inbound	Outbound	Total	Lakewise	Internal
				Receipts	Receipts	Receipts
Total, all commodities	1,362	586	6	770	764	6
Total coal	65	—	—	65	65	—
1100 coal & lignite	65	—	—	65	65	—
Total petroleum and petroleum products	98	47	—	51	45	6
Subtotal petroleum products	98	47	—	51	45	6
2330 distillate fuel oil	16	6	—	10	6	5
2340 residual fuel oil	82	41	—	41	40	1
Total crude materials, inedible except fuels	1,199	539	6	653	653	—
Subtotal soil, sand, gravel, rock and stone	1,161	539	—	622	622	—
4322 limestone	1,069	447	—	622	622	—
4331 sand & gravel	92	92	—	—	—	—
Subtotal slag	38	—	6	32	32	—
4860 slag	38	—	6	32	32	—

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
1995	5,028	1998	5,533	2001	4,818	2004	5,281
1996	5,427	1999	5,326	2002	4,506		
1997	5,699	2000	5,553	2003	4,254		

Freight Traffic, 2004 (thousand short tons)

Commodity	Grand Total	Canadian Inbound	Domestic		
			Total	Lakewise	
				Receipts	Shipments
Total, all commodities	5,281	33	5,247	5,217	30
Total coal	5,244	—	5,244	5,215	30
1100 coal & lignite	5,244	—	5,244	5,215	30
Total petroleum and petroleum products	36	33	3	3	0
Subtotal petroleum products	36	33	3	3	0
2330 distillate fuel oil	29	29	—	—	—
2340 residual fuel oil	7	4	3	3	0

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

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1995	3,850	1998	4,252	2001	3,896	2004	4,077
1996	4,116	1999	3,652	2002	3,713		
1997	4,001	2000	3,987	2003	3,585		

Freight Traffic, 2004 (thousand short tons)

Commodity	Grand Total	Canadian Inbound	Domestic		
			Total	Lakewise	
				Receipts	Shipments
Total, all commodities	4,077	232	3,845	3,781	64
Total coal	3,023	—	3,023	2,959	64
1100 coal & lignite	3,023	—	3,023	2,959	64
Total crude materials, inedible except fuels	1,054	232	822	822	—
Subtotal soil, sand, gravel, rock and stone	1,054	232	822	822	—
4322 limestone	940	118	822	822	—
4331 sand & gravel	114	114	—	—	—

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
1995	68,555	1998	71,970	2001	68,035	2004	66,558
1996	67,111	1999	67,912	2002	68,697		
1997	68,211	2000	73,490	2003	58,004		

Freight Traffic, 2004 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic			
		Through		Through		Total	Lakewise		Internal
		Upbound	Downbnd	Upbound	Downbnd		Through		
						Upbound	Downbnd	Upbound	
Total, all commodities	66,558	1,572	1,837	7,527	18,881	36,741	4,132	32,578	31
Total coal	13,743	—	25	3,472	6,222	4,024	2,605	1,419	—
1100 coal & lignite	12,880	—	—	3,472	5,825	3,584	2,605	979	—
1200 coal coke	863	—	25	—	398	441	—	441	—
Total petroleum and petroleum products	1,115	—	—	54	540	521	298	196	26
Subtotal petroleum products	1,115	—	—	54	540	521	298	196	26
2211 gasoline	148	—	—	—	—	148	143	5	—

CHANNELS IN LAKE ST. CLAIR
Freight Traffic, 2004 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic			
		Through		Through		Total	Lakewise		Internal Through Upbound
		Upbound	Downbnd	Upbound	Downbnd		Upbound	Downbnd	
2330 distillate fuel oil	148	—	—	—	102	46	24	7	15
2340 residual fuel oil	258	—	—	33	109	115	99	16	—
2429 naphtha & solvents	6	—	—	—	—	6	—	6	—
2430 asphalt, tar & pitch	140	—	—	—	25	115	18	96	—
2540 petroleum coke	407	—	—	21	304	82	5	66	11
2990 petro. products nec	9	—	—	—	—	9	9	—	—
Total chemicals and related products	855	9	—	140	687	19	—	19	—
Subtotal fertilizers	206	—	—	28	178	—	—	—	—
3130 potassic fert.	206	—	—	28	178	—	—	—	—
Subtotal other chemicals and related products	649	9	—	112	509	19	—	19	—
3212 benzene & toluene	65	—	—	—	65	—	—	—	—
3219 other hydrocarbons	41	7	—	—	15	19	—	19	—
3260 organic comp. nec	7	—	—	—	7	—	—	—	—
3272 sulphuric acid	5	—	—	—	5	—	—	—	—
3274 sodium hydroxide	56	—	—	56	—	—	—	—	—
3275 inorg. elem., oxides, & halogen salts	39	—	—	8	31	—	—	—	—
3276 metallic salts	355	2	—	18	335	—	—	—	—
3282 pigments & paints	74	—	—	31	43	—	—	—	—
3286 plastics	0	0	—	—	—	—	—	—	—
3299 chem. products nec	8	—	—	—	8	—	—	—	—
Total crude materials, inedible except fuels	43,414	154	278	2,904	8,854	31,224	1,202	30,020	1
Subtotal forest products, wood and chips	73	36	—	—	36	—	—	—	—
4189 lumber	73	36	—	—	36	—	—	—	—
Subtotal pulp and waste paper	155	118	37	—	—	—	—	—	—
4225 pulp & waste paper	155	118	37	—	—	—	—	—	—
Subtotal soil, sand, gravel, rock and stone	11,889	0	—	248	2,137	9,504	658	8,846	—
4310 building stone	0	0	—	—	—	—	—	—	—
4322 limestone	10,728	—	—	168	1,543	9,017	654	8,363	—
4323 gypsum	197	—	—	—	—	197	—	197	—
4331 sand & gravel	964	—	—	80	594	289	4	285	—
Subtotal iron ore and scrap	27,968	—	27	1,445	5,281	21,215	39	21,175	1
4410 iron ore	27,961	—	27	1,445	5,281	21,208	39	21,169	—
4420 iron & steel scrap	7	—	—	—	—	7	—	6	1
Subtotal non-ferrous ores and scrap	177	—	72	28	77	—	—	—	—
4690 non-ferrous ores nec	177	—	72	28	77	—	—	—	—
Subtotal sulphur, clay and salt	269	—	141	—	128	—	—	—	—
4782 clay & refrac. mat.	269	—	141	—	128	—	—	—	—
Subtotal slag	667	—	—	428	31	208	208	—	—
4860 slag	667	—	—	428	31	208	208	—	—
Subtotal other non-metal. min.	2,216	—	—	756	1,162	298	298	—	—
4900 non-metal. min. nec	2,216	—	—	756	1,162	298	298	—	—
Total primary manufactured goods	4,137	1,377	—	808	1,105	846	27	816	3
Subtotal paper products	0	0	—	—	—	—	—	—	—
5120 paper & paperboard	0	0	—	—	—	—	—	—	—
Subtotal lime, cement and glass	2,566	0	—	727	1,019	820	—	816	3
5210 lime	3	—	—	—	—	3	—	—	3
5220 cement & concrete	2,563	—	—	727	1,019	816	—	816	—
5290 misc. mineral prod.	0	0	—	—	—	—	—	—	—
Subtotal primary iron and steel products	1,464	1,297	—	82	85	—	—	—	—
5312 pig iron	134	52	—	81	—	—	—	—	—
5315 ferro alloys	14	14	—	—	—	—	—	—	—
5320 i&s primary forms	800	720	—	0	80	—	—	—	—
5330 i&s plates & sheets	445	440	—	—	5	—	—	—	—
5360 i&s bars & shapes	61	61	—	—	—	—	—	—	—
5370 i&s pipe & tube	7	7	—	—	—	—	—	—	—
5390 primary i&s nec	4	4	—	—	—	—	—	—	—
Subtotal primary non-ferrous metal products	107	80	—	—	—	27	27	—	—
5421 copper	2	2	—	—	—	—	—	—	—
5422 aluminum	0	0	—	—	—	—	—	—	—
5480 fab. metal products	105	78	—	—	—	27	27	—	—
Total food and farm products	3,248	0	1,534	142	1,465	107	—	107	—
Subtotal grain	2,566	—	1,214	126	1,118	107	—	107	—
6241 wheat	2,081	—	1,123	—	852	107	—	107	—
6344 corn	342	—	85	126	131	—	—	—	—

CHANNELS IN LAKE ST. CLAIR
Freight Traffic, 2004 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic			
		Through		Through		Total	Lakewise		Internal Through Upbound
		Upbound	Downbnd	Upbound	Downbnd		Upbound	Downbnd	
6443 barley & rye	10	—	7	—	3	—	—	—	—
6445 oats	133	—	—	—	133	—	—	—	—
Subtotal oilseeds	447	—	112	—	336	—	—	—	—
6522 soybeans	427	—	92	—	336	—	—	—	—
6534 flaxseed	20	—	20	—	—	—	—	—	—
Subtotal vegetable products	73	—	61	11	0	—	—	—	—
6654 vegetables & prod.	73	—	61	11	0	—	—	—	—
Subtotal processed grain and animal feed	58	0	47	—	11	—	—	—	—
6747 grain mill products	11	0	—	—	11	—	—	—	—
6782 animal feed, prep.	47	—	47	—	—	—	—	—	—
Subtotal other agricultural products	104	0	100	4	—	—	—	—	—
6889 food products nec	40	—	36	4	—	—	—	—	—
6899 farm products nec	64	0	64	—	—	—	—	—	—
Total all manufactured equipment, machinery and products	29	14	—	7	8	—	—	—	—
7110 machinery (not elec)	10	10	—	—	—	—	—	—	—
7120 electrical machinery	16	4	—	7	6	—	—	—	—
7210 vehicles & parts	0	0	—	—	—	—	—	—	—
7230 ships & boats	0	0	—	—	—	—	—	—	—
7400 manufac. wood prod.	1	—	—	—	1	—	—	—	—
7500 textile products	0	0	—	—	—	—	—	—	—
7600 rubber & plastic pr.	0	0	—	—	—	—	—	—	—
7900 manufac. prod. nec	1	0	—	—	1	—	—	—	—
Total unknown or not elsewhere classified	18	18	—	—	—	—	—	—	—
9900 unknown or nec	18	18	—	—	—	—	—	—	—
Ton-miles (x1000)	1,198,051	28,301	33,059	135,490	339,859	661,343	74,380	586,404	559

Tons All Traffic (x1000) **66,558**
Ton-miles All Traffic (x1000) **1,198,051**
Total Trip-ton-miles Internal and Intraport (x1000) **35,299**

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
1995	73,502	1998	82,842	2001	74,278	2004	72,458
1996	75,023	1999	75,242	2002	74,653		
1997	75,939	2000	80,508	2003	63,961		

Freight Traffic, 2004 (thousand short tons)

Commodity	Total	Foreign				Canadian			
		Inbound	Outbound	Through		Inbound	Outbound	Through	
				Upbound	Downbnd			Upbound	Downbnd
Total, all commodities	34,095	622	31	1,572	1,837	3,398	230	8,689	17,715
Total coal	9,982	—	—	—	25	643	28	3,586	5,700
1100 coal & lignite	9,438	—	—	—	—	510	—	3,575	5,353
1200 coal coke	544	—	—	—	25	133	28	11	347
Total petroleum and petroleum products	902	—	31	—	—	85	165	98	523
Subtotal petroleum products	902	—	31	—	—	85	165	98	523
2330 distillate fuel oil	215	—	—	—	—	11	13	36	154
2340 residual fuel oil	198	—	—	—	—	48	52	33	65
2430 asphalt, tar & pitch	69	—	5	—	—	14	38	—	12
2540 petroleum coke	421	—	26	—	—	13	63	29	291
Total chemicals and related products	896	0	—	9	—	—	36	140	711
Subtotal fertilizers	206	—	—	—	—	—	—	28	178
3130 potassic fert.	206	—	—	—	—	—	—	28	178
Subtotal other chemicals and related products	690	0	—	9	—	—	36	112	533
3212 benzene & toluene	65	—	—	—	—	—	—	—	65

DETROIT RIVER, MI
Freight Traffic, 2004 - continued
(thousand short tons)

Commodity	Total	Foreign				Canadian			
		Inbound	Outbound	Through		Inbound	Outbound	Through	
				Upbound	Downbnd			Upbound	Downbnd
3219 other hydrocarbons	22	0	—	7	—	—	—	—	15
3260 organic comp. nec	7	—	—	—	—	—	—	—	7
3272 sulphuric acid	5	—	—	—	—	—	—	—	5
3274 sodium hydroxide	56	—	—	—	—	—	56	—	—
3275 inorg. elem., oxides, & halogen salts	74	—	—	—	—	36	8	—	31
3276 metallic salts	379	—	—	2	—	—	18	—	359
3282 pigments & paints	74	—	—	—	—	—	31	—	43
3286 plastics	0	—	—	0	—	—	—	—	—
3299 chem. products nec	8	—	—	—	—	—	—	—	8
Total crude materials, inedible except fuels	14,391	—	—	154	278	1,530	—	3,643	8,786
Subtotal forest products, wood and chips	73	—	—	36	—	—	—	—	36
4189 lumber	73	—	—	36	—	—	—	—	36
Subtotal pulp and waste paper	155	—	—	118	37	—	—	—	—
4225 pulp & waste paper	155	—	—	118	37	—	—	—	—
Subtotal soil, sand, gravel, rock and stone	3,356	—	—	0	—	207	—	973	2,175
4310 building stone	0	—	—	0	—	—	—	—	—
4322 limestone	2,313	—	—	—	—	46	—	724	1,543
4331 sand & gravel	1,043	—	—	—	—	162	—	249	632
Subtotal iron ore and scrap	6,951	—	—	—	27	198	—	1,445	5,281
4410 iron ore	6,951	—	—	—	27	198	—	1,445	5,281
Subtotal non-ferrous ores and scrap	191	—	—	—	72	14	—	28	77
4690 non-ferrous ores nec	191	—	—	—	72	14	—	28	77
Subtotal sulphur, clay and salt	282	—	—	—	141	79	—	—	62
4782 clay & refrac. mat.	282	—	—	—	141	79	—	—	62
Subtotal slag	869	—	—	—	—	441	—	428	—
4860 slag	869	—	—	—	—	441	—	428	—
Subtotal other non-metal. min.	2,515	—	—	—	—	591	—	770	1,154
4900 non-metal. min. nec	2,515	—	—	—	—	591	—	770	1,154
Total primary manufactured goods	4,188	622	—	1,377	—	890	—	813	486
Subtotal paper products	0	—	—	0	—	—	—	—	—
5120 paper & paperboard	0	—	—	0	—	—	—	—	—
Subtotal lime, cement and glass	1,982	—	—	0	—	835	—	730	417
5220 cement & concrete	1,982	—	—	—	—	835	—	730	417
5290 misc. mineral prod.	0	—	—	0	—	—	—	—	—
Subtotal primary iron and steel products	2,120	618	—	1,297	—	54	—	83	68
5312 pig iron	134	—	—	52	—	—	—	81	—
5315 ferro alloys	14	—	—	14	—	—	—	—	—
5320 i&s primary forms	1,078	249	—	720	—	39	—	1	68
5330 i&s plates & sheets	665	211	—	440	—	14	—	—	—
5360 i&s bars & shapes	219	158	—	61	—	0	—	0	—
5370 i&s pipe & tube	7	0	—	7	—	—	—	—	—
5390 primary i&s nec	4	0	—	4	—	—	—	—	—
Subtotal primary non-ferrous metal products	86	4	—	80	—	1	—	—	1
5421 copper	2	—	—	2	—	—	—	—	—
5422 aluminum	0	—	—	0	—	—	—	—	—
5480 fab. metal products	84	4	—	78	—	1	—	—	1
Subtotal primary wood products	1	—	—	—	—	0	—	0	—
5540 primary wood prod.	1	—	—	—	—	0	—	0	—
Total food and farm products	3,223	—	—	0	1,534	18	—	174	1,498
Subtotal grain	2,489	—	—	—	1,214	—	—	142	1,133
6241 wheat	1,989	—	—	—	1,123	—	—	—	867
6344 corn	357	—	—	—	85	—	—	142	131
6443 barley & rye	10	—	—	—	7	—	—	—	3
6445 oats	133	—	—	—	—	—	—	—	133
Subtotal oilseeds	464	—	—	—	112	—	—	17	336
6522 soybeans	444	—	—	—	92	—	—	17	336
6534 flaxseed	20	—	—	—	20	—	—	—	—

DETROIT RIVER, MI
Freight Traffic, 2004 - continued
(thousand short tons)

Commodity	Total	Foreign				Canadian			
		Inbound	Outbound	Through		Inbound	Outbound	Through	
				Upbound	Downbnd			Upbound	Downbnd
Subtotal vegetable products	73	—	—	—	61	—	—	11	0
6654 vegetables & prod.	73	—	—	—	61	—	—	11	0
Subtotal processed grain and animal feed	58	—	—	0	47	—	—	—	11
6747 grain mill products	11	—	—	0	—	—	—	—	11
6782 animal feed, prep.	47	—	—	—	47	—	—	—	—
Subtotal other agricultural products	140	—	—	0	100	18	—	4	18
6889 food products nec	75	—	—	—	36	18	—	4	18
6899 farm products nec	64	—	—	0	64	—	—	—	—
Total all manufactured equipment, machinery and products	494	0	—	14	—	232	—	236	11
7110 machinery (not elec)	467	0	—	10	—	228	—	228	0
7120 electrical machinery	23	0	—	4	—	3	—	7	9
7210 vehicles & parts	0	—	—	0	—	—	—	—	0
7230 ships & boats	0	—	—	0	—	—	—	—	—
7400 manufac. wood prod.	1	0	—	—	—	—	—	—	1
7500 textile products	2	—	—	0	—	1	—	1	—
7600 rubber & plastic pr.	0	—	—	0	—	—	—	—	0
7900 manufac. prod. nec	1	0	—	0	—	—	—	—	1
Total unknown or not elsewhere classified	18	0	—	18	—	—	—	—	—
9900 unknown or nec	18	0	—	18	—	—	—	—	—
Ton-miles Foreign & Canadian (x1000)	987,881	10,582	733	48,740	56,936	47,836	4,504	269,374	549,177

Commodity	Total	Lakewise			
		Receipts	Shipments	Through	
				Upbound	Downbnd
Total, all commodities	38,190	11,919	507	3,968	21,795
Total coal	5,018	1,121	17	2,605	1,275
1100 coal & lignite	4,578	1,068	17	2,605	888
1200 coal coke	441	53	—	—	388
Total petroleum and petroleum products	830	9	367	257	196
Subtotal petroleum products	830	9	367	257	196
2211 gasoline	148	—	—	143	5
2330 distillate fuel oil	37	6	—	24	7
2340 residual fuel oil	130	4	29	82	16
2429 naphtha & solvents	6	—	—	—	6
2430 asphalt, tar & pitch	417	—	321	—	96
2540 petroleum coke	83	—	18	—	66
2990 petro. products nec	9	—	—	9	—
Total chemicals and related products	19	—	—	—	19
Subtotal other chemicals and related products	19	—	—	—	19
3219 other hydrocarbons	19	—	—	—	19
Total crude materials, inedible except fuels	31,373	10,403	97	1,106	19,768
Subtotal soil, sand, gravel, rock and stone	9,545	2,627	2	656	6,260
4322 limestone	9,054	2,622	2	652	5,778
4323 gypsum	197	—	—	—	197
4331 sand & gravel	294	5	—	4	285
Subtotal iron ore and scrap	21,213	7,667	39	—	13,508
4410 iron ore	21,208	7,667	39	—	13,502
4420 iron & steel scrap	6	—	—	—	6
Subtotal slag	210	2	—	208	—
4860 slag	210	2	—	208	—
Subtotal other non-metal. min.	404	107	56	241	—
4900 non-metal. min. nec	404	107	56	241	—
Total primary manufactured goods	843	386	27	—	431
Subtotal lime, cement and glass	816	386	—	—	431
5220 cement & concrete	816	386	—	—	431
Subtotal primary non-ferrous metal products	27	—	27	—	—
5480 fab. metal products	27	—	27	—	—
Total food and farm products	107	—	—	—	107
Subtotal grain	107	—	—	—	107
6241 wheat	107	—	—	—	107
Ton-miles (x1000) Lakewise	1,043,051	236,286	8,101	123,004	675,659

DETROIT RIVER, MI
Freight Traffic, 2004 - continued
(thousand short tons)

Commodity	Total	Internal			
		Outbound	Through	Intra	
		Upbound	Upbound	Upbound	Downbnd
Total, all commodities	173	11	20	107	36
Total petroleum and petroleum products	160	11	15	107	28
Subtotal petroleum products	160	11	15	107	28
2330 distillate fuel oil	15	—	15	—	—
2340 residual fuel oil	22	—	—	22	—
2430 asphalt, tar & pitch	111	—	—	83	28
2540 petroleum coke	13	11	—	1	—
Total crude materials, inedible except fuels	9	—	1	—	8
Subtotal soil, sand, gravel, rock and stone	8	—	—	—	8
4331 sand & gravel	8	—	—	—	8
Subtotal iron ore and scrap	1	—	1	—	—
4420 iron & steel scrap	1	—	1	—	—
Total primary manufactured goods	3	—	3	—	—
Subtotal lime, cement and glass	3	—	3	—	—
5210 lime	3	—	3	—	—
Ton-miles (x1000)	1,583	122	619	266	576
Internal					
Tons All Traffic (x1000)	72,458				
Ton-miles All Traffic (x1000)	2,032,516				
Total Trip-ton-miles Internal and Intraport (x1000)	35,457				

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
1995	5,284	1998	5,882	2001	6,053	2004	4,499
1996	8,224	1999	8,257	2002	5,810		
1997	5,689	2000	7,116	2003	3,770		

Freight Traffic, 2004 (thousand short tons)

Commodity	Grand Total	Foreign Outbound	Canadian		Domestic				
			Inbound	Outbound	Total	Lakewise		Internal	
						Receipts	Shipments	Shipments	Intraport
Total, all commodities	4,499	26	528	8	3,937	3,860	2	67	8
Total coal	73	—	34	—	39	39	—	—	—
1100 coal & lignite	59	—	34	—	25	25	—	—	—
1200 coal coke	14	—	—	—	14	14	—	—	—
Total petroleum and petroleum products	101	26	—	8	67	—	—	67	—
Subtotal petroleum products	101	26	—	8	67	—	—	67	—
2430 asphalt, tar & pitch	67	—	—	—	67	—	—	67	—
2540 petroleum coke	33	26	—	8	—	—	—	—	—
Total crude materials, inedible except fuels	3,668	—	194	—	3,473	3,464	2	—	8
Subtotal soil, sand, gravel, rock and stone	485	—	32	—	453	443	2	—	8
4322 limestone	440	—	—	—	440	438	2	—	—
4331 sand & gravel	45	—	32	—	13	5	—	—	8
Subtotal iron ore and scrap	2,911	—	—	—	2,911	2,911	—	—	—
4410 iron ore	2,911	—	—	—	2,911	2,911	—	—	—
Subtotal sulphur, clay and salt	79	—	79	—	—	—	—	—	—
4782 clay & refrac. mat.	79	—	79	—	—	—	—	—	—
Subtotal slag	86	—	84	—	2	2	—	—	—
4860 slag	86	—	84	—	2	2	—	—	—
Subtotal other non-metal. min.	107	—	—	—	107	107	—	—	—
4900 non-metal. min. nec	107	—	—	—	107	107	—	—	—
Total primary manufactured goods	428	—	71	—	357	357	—	—	—
Subtotal lime, cement and glass	427	—	69	—	357	357	—	—	—
5220 cement & concrete	427	—	69	—	357	357	—	—	—

DETROIT HARBOR, MI (INCLUDED IN PORT OF DETROIT)
Freight Traffic, 2004 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic			
		Outbound	Inbound	Outbound	Total	Lakewise		Internal	
						Receipts	Shipments	Shipments	Intraport
Subtotal primary iron and steel products	1	—	1	—	—	—	—	—	—
5320 i&s primary forms	1	—	1	—	—	—	—	—	—
5360 i&s bars & shapes	0	—	0	—	—	—	—	—	—
Subtotal primary wood products	0	—	0	—	—	—	—	—	—
5540 primary wood prod.	0	—	0	—	—	—	—	—	—
Total all manufactured equipment, machinery and products	229	—	229	—	—	—	—	—	—
7110 machinery (not elec)	228	—	228	—	—	—	—	—	—
7500 textile products	1	—	1	—	—	—	—	—	—

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
1995	11,372	1998	12,626	2001	10,036	2004	11,170
1996	9,307	1999	8,190	2002	10,018		
1997	11,996	2000	9,243	2003	9,740		

Freight Traffic, 2004 (thousand short tons)

Commodity	Grand Total	Canadian		Domestic					
		Inbound	Outbound	Total	Lakewise		Internal		
					Receipts	Shipments	Receipts	Shipments	Intraport
Total, all commodities	11,170	2,635	222	8,313	7,662	505	67	11	67
Total coal	1,480	609	28	842	826	17	—	—	—
1100 coal & lignite	1,281	477	—	804	787	17	—	—	—
1200 coal coke	200	133	28	38	38	—	—	—	—
Total petroleum and petroleum products	765	85	158	522	9	367	67	11	67
Subtotal petroleum products	765	85	158	522	9	367	67	11	67
2330 distillate fuel oil	30	11	13	6	6	—	—	—	—
2340 residual fuel oil	154	48	52	54	4	29	—	—	22
2430 asphalt, tar & pitch	483	14	38	431	—	321	67	—	43
2540 petroleum coke	98	13	55	30	—	18	—	11	1
Total chemicals and related products	36	—	36	—	—	—	—	—	—
Subtotal other chemicals and related products	36	—	36	—	—	—	—	—	—
3275 inorg. elem., oxides, & halogen salts	36	—	36	—	—	—	—	—	—
Total crude materials, inedible except fuels	8,044	1,150	—	6,894	6,799	95	—	—	—
Subtotal soil, sand, gravel, rock and stone	2,155	112	—	2,043	2,043	—	—	—	—
4322 limestone	2,043	—	—	2,043	2,043	—	—	—	—
4331 sand & gravel	112	112	—	—	—	—	—	—	—
Subtotal iron ore and scrap	4,992	198	—	4,794	4,756	39	—	—	—
4410 iron ore	4,992	198	—	4,794	4,756	39	—	—	—
Subtotal non-ferrous ores and scrap	14	14	—	—	—	—	—	—	—
4690 non-ferrous ores nec	14	14	—	—	—	—	—	—	—
Subtotal slag	358	358	—	—	—	—	—	—	—
4860 slag	358	358	—	—	—	—	—	—	—
Subtotal other non-metal. min.	525	469	—	56	—	56	—	—	—
4900 non-metal. min. nec	525	469	—	56	—	56	—	—	—
Total primary manufactured goods	846	790	—	55	29	27	—	—	—
Subtotal lime, cement and glass	794	765	—	29	29	—	—	—	—
5220 cement & concrete	794	765	—	29	29	—	—	—	—

ROUGE RIVER, MI (INCLUDED IN PORT OF DETROIT)
 Freight Traffic, 2004 - continued
 (thousand short tons)

Commodity	Grand Total	Canadian		Domestic					
		Inbound	Outbound	Total	Lakewise		Internal		
					Receipts	Shipments	Receipts	Shipments	Intraport
Subtotal primary iron and steel products	25	25	—	—	—	—	—	—	—
5320 i&s primary forms	25	25	—	—	—	—	—	—	—
Subtotal primary non-ferrous metal products	27	—	—	27	—	27	—	—	—
5480 fab. metal products	27	—	—	27	—	27	—	—	—

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
1995	549	1998	843	2001	703	2004	971
1996	797	1999	303	2002	1,105		
1997	375	2000	610	2003	564		

Freight Traffic, 2004 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian Inbound	Domestic Lakewise Receipts
		Inbound	Outbound		
Total, all commodities	971	622	5	221	122
Total petroleum and petroleum products	5	—	5	—	—
Subtotal petroleum products	5	—	5	—	—
2430 asphalt, tar & pitch	5	—	5	—	—
Total chemicals and related products	0	0	—	—	—
Subtotal other chemicals and related products	0	0	—	—	—
3219 other hydrocarbons	0	0	—	—	—
Total crude materials, inedible except fuels	308	—	—	185	122
Subtotal soil, sand, gravel, rock and stone	185	—	—	63	122
4322 limestone	168	—	—	46	122
4331 sand & gravel	17	—	—	17	—
Subtotal other non-metal. min.	122	—	—	122	—
4900 non-metal. min. nec	122	—	—	122	—
Total primary manufactured goods	636	622	—	14	—
Subtotal primary iron and steel products	631	618	—	13	—
5320 i&s primary forms	262	249	—	13	—
5330 i&s plates & sheets	211	211	—	—	—
5360 i&s bars & shapes	158	158	—	—	—
5370 i&s pipe & tube	0	0	—	—	—
5390 primary i&s nec	0	0	—	—	—
Subtotal primary non-ferrous metal products	5	4	—	1	—
5480 fab. metal products	5	4	—	1	—
Total food and farm products	18	—	—	18	—
Subtotal other agricultural products	18	—	—	18	—
6889 food products nec	18	—	—	18	—
Total all manufactured equipment, machinery and products	4	0	—	3	—
7110 machinery (not elec)	0	0	—	—	—
7120 electrical machinery	3	0	—	3	—
7400 manufac. wood prod.	0	0	—	—	—
7900 manufac. prod. nec	0	0	—	—	—
Total unknown or not elsewhere classified	0	0	—	—	—
9900 unknown or nec	0	0	—	—	—

PORT OF DETROIT, MI

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

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1995	18,661	1998	19,454	2001	16,991	2004	16,858
1996	18,604	1999	16,948	2002	17,306		
1997	18,135	2000	17,295	2003	14,308		

Freight Traffic, 2004 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
Total, all commodities	4,282	622	31	3,398	230
Total coal	671	—	—	643	28
1100 coal & lignite	510	—	—	510	—
1200 coal coke	161	—	—	133	28
Total petroleum and petroleum products	282	—	31	85	165
Subtotal petroleum products	282	—	31	85	165
2330 distillate fuel oil	24	—	—	11	13
2340 residual fuel oil	99	—	—	48	52
2430 asphalt, tar & pitch	57	—	5	14	38
2540 petroleum coke	101	—	26	13	63
Total chemicals and related products	36	0	—	—	36
Subtotal other chemicals and related products	36	0	—	—	36
3219 other hydrocarbons	0	0	—	—	—
3275 inorg. elem., oxides, & halogen salts	36	—	—	—	36
Total crude materials, inedible except fuels	1,530	—	—	1,530	—
Subtotal soil, sand, gravel, rock and stone	207	—	—	207	—
4322 limestone	46	—	—	46	—
4331 sand & gravel	162	—	—	162	—
Subtotal iron ore and scrap	198	—	—	198	—
4410 iron ore	198	—	—	198	—
Subtotal non-ferrous ores and scrap	14	—	—	14	—
4690 non-ferrous ores nec	14	—	—	14	—
Subtotal sulphur, clay and salt	79	—	—	79	—
4782 clay & refrac. mat.	79	—	—	79	—
Subtotal slag	441	—	—	441	—
4860 slag	441	—	—	441	—
Subtotal other non-metal. min.	591	—	—	591	—
4900 non-metal. min. nec	591	—	—	591	—
Total primary manufactured goods	1,511	622	—	890	—
Subtotal lime, cement and glass	835	—	—	835	—
5220 cement & concrete	835	—	—	835	—
Subtotal primary iron and steel products	672	618	—	54	—
5320 i&s primary forms	289	249	—	39	—
5330 i&s plates & sheets	225	211	—	14	—
5360 i&s bars & shapes	158	158	—	0	—
5370 i&s pipe & tube	0	0	—	—	—
5390 primary i&s nec	0	0	—	—	—
Subtotal primary non-ferrous metal products	5	4	—	1	—
5480 fab. metal products	5	4	—	1	—
Subtotal primary wood products	0	—	—	0	—
5540 primary wood prod.	0	—	—	0	—
Total food and farm products	18	—	—	18	—
Subtotal other agricultural products	18	—	—	18	—
6889 food products nec	18	—	—	18	—
Total all manufactured equipment, machinery and products	233	0	—	232	—
7110 machinery (not elec)	228	0	—	228	—
7120 electrical machinery	3	0	—	3	—
7400 manufac. wood prod.	0	0	—	—	—
7500 textile products	1	—	—	1	—
7900 manufac. prod. nec	0	0	—	—	—
Total unknown or not elsewhere classified	0	0	—	—	—
9900 unknown or nec	0	0	—	—	—

Commodity	Total	Domestic			
		Lakewise		Internal	
		Receipts	Shipments	Shipments	Intraport
Total, all commodities	12,577	11,916	507	11	142
Total coal	1,138	1,121	17	—	—
1100 coal & lignite	1,085	1,068	17	—	—
1200 coal coke	53	53	—	—	—

PORT OF DETROIT, MI
Freight Traffic, 2004 - continued
(thousand short tons)

Commodity	Total	Domestic			
		Lakewise		Internal	
		Receipts	Shipments	Shipments	Inraport
Total petroleum and petroleum products	522	9	367	11	134
Subtotal petroleum products	522	9	367	11	134
2330 distillate fuel oil	6	6	—	—	—
2340 residual fuel oil	54	4	29	—	22
2430 asphalt, tar & pitch	431	—	321	—	111
2540 petroleum coke	30	—	18	11	1
Total crude materials, inedible except fuels	10,504	10,400	97	—	8
Subtotal soil, sand, gravel, rock and stone	2,633	2,624	2	—	8
4322 limestone	2,620	2,618	2	—	—
4331 sand & gravel	13	5	—	—	8
Subtotal iron ore and scrap	7,706	7,667	39	—	—
4410 iron ore	7,706	7,667	39	—	—
Subtotal slag	2	2	—	—	—
4860 slag	2	2	—	—	—
Subtotal other non-metal. min.	163	107	56	—	—
4900 non-metal. min. nec	163	107	56	—	—
Total primary manufactured goods	413	386	27	—	—
Subtotal lime, cement and glass	386	386	—	—	—
5220 cement & concrete	386	386	—	—	—
Subtotal primary non-ferrous metal products	27	—	27	—	—
5480 fab. metal products	27	—	27	—	—

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
1995	1,920	1998	1,929	2001	766	2004	948
1996	1,794	1999	1,771	2002	1,008		
1997	2,750	2000	915	2003	1,077		

Freight Traffic, 2004 (thousand short tons)

Commodity	Grand Total	Foreign	Canadian	Domestic
		Inbound	Inbound	Lakewise Receipts
Total, all commodities	948	2	89	857
Total coal	758	—	6	752
1100 coal & lignite	694	—	—	694
1200 coal coke	65	—	6	59
Total petroleum and petroleum products	145	—	40	104
Subtotal petroleum products	145	—	40	104
2340 residual fuel oil	2	—	2	—
2430 asphalt, tar & pitch	116	—	12	104
2540 petroleum coke	26	—	26	—
Total chemicals and related products	0	0	—	—
Subtotal other chemicals and related products	0	0	—	—
3286 plastics	0	0	—	—
Total crude materials, inedible except fuels	42	—	42	—
Subtotal soil, sand, gravel, rock and stone	11	—	11	—
4331 sand & gravel	11	—	11	—
Subtotal slag	30	—	30	—
4860 slag	30	—	30	—
Total primary manufactured goods	2	2	—	—
Subtotal primary iron and steel products	2	2	—	—
5320 i&s primary forms	2	2	—	—
Total all manufactured equipment, machinery and products	1	0	1	—
7120 electrical machinery	0	0	—	—
7400 manufac. wood prod.	1	—	1	—
Total unknown or not elsewhere classified	0	0	—	—
9900 unknown or nec	0	0	—	—

CALCITE, MI
NON-CORPS PROJECT

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1995	8,381	1998	9,389	2001	8,317	2004	8,949
1996	8,669	1999	9,533	2002	8,575		
1997	10,036	2000	8,475	2003	6,832		

Freight Traffic, 2004 (thousand short tons)

Commodity	Grand Total	Canadian		Domestic		
		Inbound	Outbound	Total	Lakewise	
				Receipts	Shipments	
Total, all commodities	8,949	88	856	8,005	26	7,979
Total petroleum and petroleum products	42	42	—	—	—	—
Subtotal petroleum products	42	42	—	—	—	—
2330 distillate fuel oil	42	42	—	—	—	—
Total crude materials, inedible except fuels	8,907	46	856	8,005	26	7,979
Subtotal soil, sand, gravel, rock and stone	8,813	5	854	7,954	26	7,928
4310 building stone	24	—	—	24	—	24
4322 limestone	8,789	5	854	7,930	26	7,904
Subtotal iron ore and scrap	51	—	—	51	—	51
4410 iron ore	25	—	—	25	—	25
4420 iron & steel scrap	25	—	—	25	—	25
Subtotal non-ferrous ores and scrap	2	—	2	—	—	—
4670 manganese ore	2	—	2	—	—	—
Subtotal slag	4	4	—	—	—	—
4860 slag	4	4	—	—	—	—
Subtotal other non-metal. min.	37	37	—	—	—	—
4900 non-metal. min. nec	37	37	—	—	—	—

ESCANABA, MI
NON-CORPS PROJECT

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1995	8,479	1998	8,530	2001	6,980	2004	6,620
1996	9,253	1999	8,511	2002	4,645		
1997	7,261	2000	8,647	2003	4,582		

Freight Traffic, 2004 (thousand short tons)

Commodity	Grand Total	Canadian		Domestic		
		Inbound	Outbound	Total	Lakewise	
				Receipts	Shipments	
Total, all commodities	6,620	65	58	6,498	1,198	5,300
Total coal	443	—	—	443	433	10
1100 coal & lignite	443	—	—	443	433	10
Total crude materials, inedible except fuels	6,178	65	58	6,055	765	5,290
Subtotal soil, sand, gravel, rock and stone	765	—	—	765	765	—
4322 limestone	765	—	—	765	765	—
Subtotal iron ore and scrap	5,348	—	58	5,290	—	5,290
4410 iron ore	5,348	—	58	5,290	—	5,290
Subtotal other non-metal. min.	65	65	—	—	—	—
4900 non-metal. min. nec	65	65	—	—	—	—

STONEPORT, MI
NON-CORPS PROJECT

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1995	8,468	1998	9,114	2001	8,118	2004	7,754
1996	7,990	1999	8,873	2002	7,455		
1997	8,101	2000	7,842	2003	6,445		

Freight Traffic, 2004 (thousand short tons)

Commodity	Grand Total	Canadian Outbound	Domestic		
			Total	Lakewise	
				Receipts	Shipments
Total, all commodities	7,754	76	7,678	192	7,486
Total crude materials, inedible except fuels	7,754	76	7,678	192	7,486
Subtotal soil, sand, gravel, rock and stone	7,754	76	7,678	192	7,486
4322 limestone	7,739	76	7,663	192	7,471
4331 sand & gravel	15	—	15	—	15

Other Harbors and Waterways 2004

Harbor or Waterway Project	Commodity	Thousand Short Tons
ALGOMA HARBOR, WI	No Commerce Reported	
ALGONAC, MI (INCLUDED IN ST. CLAIR RIVER)	4322 limestone	2
	Total Tons(x1000)	2
ASHLAND HARBOR, WI	1100 coal & lignite	80
	Total Tons(x1000)	80
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
	7110 machinery (not elec)	1
	7900 manufac. prod. nec	8
	Total Tons(x1000)	10
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	
CLINTON RIVER, MICHIGAN	No Commerce Reported	
CORNUCOPIA HARBOR, WI	No Commerce Reported	
DETOUR, MI AND VICINITY (INCLUDED IN ST. MARYS RIVER)	No Commerce Reported	
DETROIT HARBOR, WI	2211 gasoline	1
	2330 distillate fuel oil	1
	2640 liquid natural gas	2
	4170 wood in the rough	0
	6134 fish (not shellfish)	0
	9900 unknown or nec	6
	Total Tons(x1000)	9
EAGLE HARBOR, MI	No Commerce Reported	
FRANKFORT HARBOR, MI	2430 asphalt, tar & pitch	44
	Total Tons(x1000)	44
GLADSTONE HARBOR, MI	1100 coal & lignite	29
	2430 asphalt, tar & pitch	50
	2540 petroleum coke	5
	4900 non-metal. min. nec	25
	Total Tons(x1000)	109
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	

Other Harbors and Waterways 2004 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
HARBOR BEACH, MI (HARBOR OF REFUGE, LAKE HURON)	1100 coal & lignite	81
	2330 distillate fuel oil	1
	Total Tons(x1000)	82
HARRISVILLE HARBOR, MI (HARBOR OF REFUGE, LAKE HURON)	No Commerce Reported	
KENOSHA HARBOR, WI	4335 waterway improv. mat	1
	Total Tons(x1000)	1
KEWAUNEE HARBOR, WI	No Commerce Reported	
KEWEENAW WATERWAY, MI	2211 gasoline	0
	2330 distillate fuel oil	0
	4170 wood in the rough	0
	4189 lumber	0
	4331 sand & gravel	0
	4420 iron & steel scrap	0
	5290 misc. mineral prod.	0
	5370 i&s pipe & tube	0
	5480 fab. metal products	0
	7110 machinery (not elec)	0
	7210 vehicles & parts	0
7500 textile products	1	
8900 waste and scrap nec	0	
Total Tons(x1000)	2	
Total Ton-miles(x1000)	17	
Total Trip-ton-miles Internal and Intraport (x1000)	0	
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	8
	Total Tons(x1000)	9
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	9
	Total Tons(x1000)	9
MACKINAW CITY HARBOR, MI	No Commerce Reported	
MANISTIQUE HARBOR, MI	2211 gasoline	11
	2330 distillate fuel oil	1
	Total Tons(x1000)	12
NEW BUFFALO HARBOR MI	No Commerce Reported	
OCONTO HARBOR, WI	No Commerce Reported	
ONTONAGON HARBOR, MI	1100 coal & lignite	130
	Total Tons(x1000)	130
PENSAUKEE HARBOR, WI	No Commerce Reported	
PENTWATER HARBOR, MI	No Commerce Reported	

Other Harbors and Waterways 2004 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
PORT HURON, MI (INCLUDED IN ST. CLAIR RIVER)	4338 soil & fill dirt	1
	Total Tons(x1000)	1
PORT SANILAC HARBOR, MI	No Commerce Reported	
PORT WASHINGTON HARBOR, WI	1100 coal & lignite	100
	Total Tons(x1000)	100
PORT WING HARBOR, WI	No Commerce Reported	
PUT-IN-BAY HARBOR, OH	2211 gasoline	1
	2330 distillate fuel oil	1
	4322 limestone	11
	7900 manufac. prod. nec	1
	Total Tons(x1000)	13
RACINE HARBOR, WI	No Commerce Reported	
ROGERS CITY, MI	No Commerce Reported	
SAUGATUCK HARBOR AND KALAMAZOO RIVER, MI	No Commerce Reported	
SEBEWAING, MI	No Commerce Reported	
SHEBOYGAN HARBOR, WI	No Commerce Reported	
SOUTH HAVEN HARBOR, MI	No Commerce Reported	
ST. JAMES (BEAVER ISLAND), MI	2211 gasoline	11
	2330 distillate fuel oil	1
	9900 unknown or nec	18
	Total Tons(x1000)	30
STURGEON BAY AND LAKE MICHIGAN SHIP CANAL, WI	4410 iron ore	121
	5220 cement & concrete	8
	Total Tons(x1000)	129
	Total Ton-miles(x1000)	549
TRAVERSE CITY HARBOR, MI	2211 gasoline	209
	2330 distillate fuel oil	8
	2340 residual fuel oil	3
	2990 petro. products nec	9
	3219 other hydrocarbons	19
	Total Tons(x1000)	247
TRENTON, MI (INCLUDED IN PORT OF DETROIT)	1100 coal & lignite	106
	5330 i&s plates & sheets	14
	Total Tons(x1000)	120
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	150
	4322 limestone	15
	Total Tons(x1000)	165

Other Harbors and Waterways 2004 - continued

Harbor or Waterway Non-project	Commodity	Thousand Short Tons
MARBLEHEAD, OH	4322 limestone	3,827
	Total Tons(x1000)	3,827
PORT DOLOMITE, MI	4322 limestone	3,433
	4410 iron ore	51
	4860 slag	21
	Total Tons(x1000)	3,505
PORT GYPSUM, MI	4322 limestone	12
	4323 gypsum	477
	Total Tons(x1000)	489
PORT INLAND, MI	4322 limestone	5,512
	4331 sand & gravel	37
	4782 clay & refrac. mat.	25
	Total Tons(x1000)	5,574
SILVER BAY, MN	1100 coal & lignite	501
	4322 limestone	23
	4410 iron ore	5,427
	Total Tons(x1000)	5,951

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
1995	14,074	1998	13,229	2001	10,535	2004	9,862
1996	13,032	1999	12,327	2002	11,115		
1997	14,422	2000	13,322	2003	9,864		

Freight Traffic, 2004 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
Total, all commodities	7,398	143	228	4,083	2,943
Total coal	1,502	—	—	—	1,502
1100 coal & lignite	1,502	—	—	—	1,502
Total petroleum and petroleum products	235	—	4	103	128
Subtotal petroleum products	235	—	4	103	128
2211 gasoline	32	—	—	—	32
2330 distillate fuel oil	156	—	4	103	48
2340 residual fuel oil	27	—	—	—	27
2540 petroleum coke	21	—	—	—	21
Total chemicals and related products	282	45	—	217	20
Subtotal fertilizers	167	7	—	143	16
3110 nitrogenous fert.	2	2	—	—	—
3130 potassic fert.	160	—	—	143	16
3190 fert. & mixes nec	5	5	—	—	—
Subtotal other chemicals and related products	115	38	—	73	4
3212 benzene & toluene	44	—	—	44	—
3219 other hydrocarbons	4	—	—	4	—
3275 inorg. elem., oxides, & halogen salts	8	—	—	4	4
3276 metallic salts	37	37	—	—	—
3282 pigments & paints	22	—	—	22	—
3284 medicines	1	1	—	0	—
Total crude materials, inedible except fuels	3,659	48	—	3,549	62
Subtotal forest products, wood and chips	62	28	—	33	—
4189 lumber	62	28	—	33	—
Subtotal soil, sand, gravel, rock and stone	685	—	—	653	31
4322 limestone	425	—	—	401	24
4331 sand & gravel	260	—	—	252	7
Subtotal iron ore and scrap	2,725	—	—	2,694	30
4410 iron ore	2,725	—	—	2,694	30
Subtotal non-ferrous ores and scrap	10	—	—	10	—
4690 non-ferrous ores nec	10	—	—	10	—
Subtotal sulphur, clay and salt	33	20	—	13	—
4782 clay & refrac. mat.	33	20	—	13	—
Subtotal other non-metal. min.	145	—	—	145	—
4900 non-metal. min. nec	145	—	—	145	—
Total primary manufactured goods	83	43	—	40	—
Subtotal primary iron and steel products	59	43	—	16	—
5312 pig iron	13	—	—	13	—
5315 ferro alloys	3	—	—	3	—
5320 i&s primary forms	11	11	—	—	—
5330 i&s plates & sheets	26	26	—	—	—
5360 i&s bars & shapes	4	4	—	—	—
5370 i&s pipe & tube	3	3	—	—	—
Subtotal primary non-ferrous metal products	24	—	—	24	—
5422 aluminum	24	—	—	24	—
Total food and farm products	1,620	—	224	164	1,232
Subtotal grain	867	—	93	159	615
6241 wheat	94	—	—	23	71
6344 corn	637	—	93	—	544
6443 barley & rye	3	—	—	3	—
6445 oats	133	—	—	133	—
Subtotal oilseeds	721	—	131	—	590
6522 soybeans	721	—	131	—	590
Subtotal vegetable products	23	—	—	—	23
6654 vegetables & prod.	23	—	—	—	23
Subtotal other agricultural products	9	—	—	5	4
6889 food products nec	9	—	—	5	4
Total all manufactured equipment, machinery and products	14	5	—	9	—
7110 machinery (not elec)	1	1	—	0	—
7120 electrical machinery	13	4	—	9	—
7210 vehicles & parts	0	—	—	0	—
7900 manufac. prod. nec	0	0	—	—	—

TOLEDO HARBOR, OH
Freight Traffic, 2004 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound	Outbound	Inbound	Outbound
Total unknown or not elsewhere classified	2	2	—	—	—
9900 unknown or nec	2	2	—	—	—

Commodity	Total	Domestic			
		Lakewise		Internal	
		Receipts	Shipments	Receipts	Shipments
Total, all commodities	2,464	971	1,471	6	15
Total coal	1,290	87	1,203	—	—
1100 coal & lignite	1,290	87	1,203	—	—
Total petroleum and petroleum products	376	87	268	6	15
Subtotal petroleum products	376	87	268	6	15
2211 gasoline	148	5	143	—	—
2330 distillate fuel oil	45	—	30	—	15
2340 residual fuel oil	87	—	87	—	—
2429 naphtha & solvents	6	6	—	—	—
2430 asphalt, tar & pitch	54	54	—	—	—
2540 petroleum coke	21	21	—	—	—
2990 petro. products nec	15	—	9	6	—
Total chemicals and related products	19	19	—	—	—
Subtotal other chemicals and related products	19	19	—	—	—
3219 other hydrocarbons	19	19	—	—	—
Total crude materials, inedible except fuels	638	638	—	—	—
Subtotal soil, sand, gravel, rock and stone	162	162	—	—	—
4322 limestone	162	162	—	—	—
Subtotal iron ore and scrap	276	276	—	—	—
4410 iron ore	276	276	—	—	—
Subtotal other non-metal. min.	200	200	—	—	—
4900 non-metal. min. nec	200	200	—	—	—
Total primary manufactured goods	141	141	—	—	—
Subtotal lime, cement and glass	141	141	—	—	—
5220 cement & concrete	141	141	—	—	—

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
1995	123	1998	1,173	2001	1,050	2004	621
1996	371	1999	1,081	2002	1,289		
1997	1,170	2000	798	2003	1,071		

Freight Traffic, 2004 (thousand short tons)

Commodity	Grand Total	Lakewise	
		Receipts	Shipments
Total, all commodities	621	2	618
Total crude materials, inedible except fuels	621	2	618
Subtotal soil, sand, gravel, rock and stone	621	2	618
4322 limestone	621	2	618

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
1995	3,536	1998	4,334	2001	4,649	2004	3,404
1996	3,408	1999	4,898	2002	4,455		
1997	4,403	2000	3,645	2003	4,183		

Freight Traffic, 2004 (thousand short tons)

Commodity	Grand Total	Canadian		Domestic		
		Inbound	Outbound	Total	Lakewise	
					Receipts	Shipments
Total, all commodities	3,404	63	2,067	1,274	28	1,246
Total coal	3,313	—	2,067	1,246	—	1,246
1100 coal & lignite	3,313	—	2,067	1,246	—	1,246
Total crude materials, inedible except fuels	91	63	—	28	28	—
Subtotal iron ore and scrap	63	63	—	—	—	—
4410 iron ore	63	63	—	—	—	—
Subtotal other non-metal. min.	28	—	—	28	28	—
4900 non-metal. min. nec	28	—	—	28	28	—

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
1995	1,087	1998	1,192	2001	1,260	2004	860
1996	1,004	1999	1,154	2002	898		
1997	856	2000	1,275	2003	1,291		

Freight Traffic, 2004 (thousand short tons)

Commodity	Grand Total	Canadian		Domestic	
		Inbound	Outbound	Total	Lakewise
					Receipts
Total, all commodities	860	25	22	813	—
Total crude materials, inedible except fuels	813	—	—	813	—
Subtotal soil, sand, gravel, rock and stone	559	—	—	559	—
4322 limestone	559	—	—	559	—
Subtotal iron ore and scrap	254	—	—	254	—
4410 iron ore	254	—	—	254	—
Total food and farm products	47	25	22	—	—
Subtotal grain	36	14	22	—	—
6241 wheat	14	14	—	—	—
6344 corn	22	—	22	—	—
Subtotal processed grain and animal feed	11	11	—	—	—
6747 grain mill products	11	11	—	—	—

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
1995	14,964	1998	14,166	2001	7,865	2004	3,007
1996	15,978	1999	12,968	2002	6,672		
1997	15,955	2000	14,180	2003	2,154		

Freight Traffic, 2004 (thousand short tons)

Commodity	Grand Total	Canadian Inbound	Domestic		
			Total	Lakewise	
				Receipts	Shipments
Total, all commodities	3,007	298	2,709	2,545	164
Total coal	93	93	—	—	—
1200 coal coke	93	93	—	—	—
Total chemicals and related products	10	10	—	—	—
Subtotal fertilizers	10	10	—	—	—
3130 potassic fert.	10	10	—	—	—
Total crude materials, inedible except fuels	2,892	183	2,709	2,545	164
Subtotal soil, sand, gravel, rock and stone	1,060	171	890	890	—
4322 limestone	827	136	691	691	—
4323 gypsum	198	—	198	198	—
4331 sand & gravel	35	35	—	—	—
Subtotal iron ore and scrap	1,655	—	1,655	1,655	—
4410 iron ore	1,650	—	1,650	1,650	—
4420 iron & steel scrap	6	—	6	6	—
Subtotal slag	164	—	164	—	164
4860 slag	164	—	164	—	164
Subtotal other non-metal. min.	12	12	—	—	—
4900 non-metal. min. nec	12	12	—	—	—
Total food and farm products	13	13	—	—	—
Subtotal grain	13	13	—	—	—
6241 wheat	13	13	—	—	—

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
1995	15,393	1998	17,865	2001	11,938	2004	15,775
1996	16,721	1999	15,540	2002	11,412		
1997	18,113	2000	14,391	2003	12,621		

Freight Traffic, 2004 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic			
		Inbound*	Outbound	Inbound	Outbound	Total	Lakewise		
							Receipts	Shipments	Internal Inraport
Total, all commodities	15,775	659	5	2,908	347	11,855	8,288	538	3,029
Total coal	79	—	—	3	—	76	76	—	—
1100 coal & lignite	3	—	—	3	—	—	—	—	—
1200 coal coke	76	—	—	—	—	76	76	—	—
Total petroleum and petroleum products	423	—	—	276	—	147	145	3	—
Subtotal petroleum products	423	—	—	276	—	147	145	3	—
2211 gasoline	28	—	—	28	—	—	—	—	—
2330 distillate fuel oil	167	—	—	160	—	7	7	—	—
2340 residual fuel oil	115	—	—	82	—	33	33	—	—

CLEVELAND HARBOR, OH
Freight Traffic, 2004 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic			
		Inbound*	Outbound	Inbound	Outbound	Total	Lakewise		Internal Intraport
							Receipts	Shipments	
2430 asphalt, tar & pitch	103	—	—	6	—	97	94	3	—
2540 petroleum coke	11	—	—	—	—	11	11	—	—
Total chemicals and related products	17	—	—	17	—	—	—	—	—
Subtotal other chemicals and related products	17	—	—	17	—	—	—	—	—
3212 benzene & toluene	5	—	—	5	—	—	—	—	—
3299 chem. products nec	13	—	—	13	—	—	—	—	—
Total crude materials, inedible except fuels	13,547	1	—	1,841	344	11,361	7,797	535	3,029
Subtotal soil, sand, gravel, rock and stone	5,012	—	—	1,588	—	3,424	3,395	—	29
4322 limestone	3,974	—	—	717	—	3,257	3,228	—	29
4323 gypsum	27	—	—	27	—	—	—	—	—
4331 sand & gravel	1,011	—	—	844	—	167	167	—	—
Subtotal iron ore and scrap	7,333	1	—	108	—	7,224	4,402	—	2,822
4410 iron ore	7,332	—	—	108	—	7,224	4,402	—	2,822
4420 iron & steel scrap	1	1	—	—	—	—	—	—	—
Subtotal sulphur, clay and salt	24	—	—	24	—	—	—	—	—
4782 clay & refrac. mat.	24	—	—	24	—	—	—	—	—
Subtotal slag	48	—	—	—	—	48	—	48	—
4860 slag	48	—	—	—	—	48	—	48	—
Subtotal other non-metal. min.	1,130	—	—	122	344	665	—	487	178
4900 non-metal. min. nec	1,130	—	—	122	344	665	—	487	178
Total primary manufactured goods	1,685	640	—	771	3	270	270	—	—
Subtotal lime, cement and glass	1,045	—	—	771	3	270	270	—	—
5220 cement & concrete	1,028	—	—	755	3	270	270	—	—
5290 misc. mineral prod.	17	—	—	17	—	—	—	—	—
Subtotal primary iron and steel products	547	547	—	—	—	—	—	—	—
5320 i&s primary forms	238	238	—	—	—	—	—	—	—
5330 i&s plates & sheets	246	246	—	—	—	—	—	—	—
5360 i&s bars & shapes	54	54	—	—	—	—	—	—	—
5370 i&s pipe & tube	7	7	—	—	—	—	—	—	—
5390 primary i&s nec	1	1	—	—	—	—	—	—	—
Subtotal primary non-ferrous metal products	93	93	—	—	—	—	—	—	—
5421 copper	0	0	—	—	—	—	—	—	—
5429 smelted prod. nec	2	2	—	—	—	—	—	—	—
5480 fab. metal products	91	91	—	—	—	—	—	—	—
Total all manufactured equipment, machinery and products	7	3	5	—	—	—	—	—	—
7110 machinery (not elec)	7	3	5	—	—	—	—	—	—
7120 electrical machinery	0	0	—	—	—	—	—	—	—
Total unknown or not elsewhere classified	15	15	—	—	—	—	—	—	—
9900 unknown or nec	15	15	—	—	—	—	—	—	—

*Includes 18,806 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
1995	2,941	1998	2,880	2001	2,942	2004	2,772
1996	2,770	1999	2,553	2002	2,326		
1997	3,296	2000	2,539	2003	2,526		

Freight Traffic, 2004 (thousand short tons)

Commodity	Grand Total	Canadian		Domestic			
		Inbound	Outbound	Total	Lakewise		Internal Shipments
					Receipts	Shipments	
Total, all commodities	2,772	136	374	2,262	2,032	226	3
Total crude materials, inedible except fuels	2,768	136	374	2,258	2,032	226	—
Subtotal soil, sand, gravel, rock and stone	2,182	122	20	2,039	2,030	9	—
4322 limestone	1,988	16	—	1,972	1,972	—	—
4331 sand & gravel	193	106	20	67	58	9	—
Subtotal slag	16	14	—	2	2	—	—
4860 slag	16	14	—	2	2	—	—
Subtotal other non-metal. min.	570	—	353	217	—	217	—
4900 non-metal. min. nec	570	—	353	217	—	217	—
Total primary manufactured goods	3	—	—	3	—	—	3
Subtotal lime, cement and glass	3	—	—	3	—	—	3
5210 lime	3	—	—	3	—	—	3

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
1995	10,010	1998	15,602	2001	10,934	2004	10,938
1996	9,523	1999	10,495	2002	9,838		
1997	11,929	2000	12,322	2003	10,427		

Freight Traffic, 2004 (thousand short tons)

Commodity	Grand Total	Foreign Inbound	Canadian		Domestic		
			Inbound	Outbound	Total	Lakewise	
						Receipts	Shipments
Total, all commodities	10,938	203	247	4,927	5,562	5,110	452
Total coal	5,625	16	72	4,899	639	187	452
1100 coal & lignite	5,579	16	26	4,899	639	187	452
1200 coal coke	46	—	46	—	—	—	—
Total chemicals and related products	19	—	8	11	—	—	—
Subtotal fertilizers	19	—	8	11	—	—	—
3130 potassic fert.	19	—	8	11	—	—	—
Total crude materials, inedible except fuels	5,102	32	131	16	4,923	4,923	—
Subtotal soil, sand, gravel, rock and stone	639	—	—	—	639	639	—
4322 limestone	624	—	—	—	624	624	—
4323 gypsum	15	—	—	—	15	15	—
Subtotal iron ore and scrap	4,255	—	15	—	4,240	4,240	—
4410 iron ore	4,240	—	—	—	4,240	4,240	—
4420 iron & steel scrap	15	—	15	—	—	—	—
Subtotal non-ferrous ores and scrap	31	24	7	—	—	—	—
4690 non-ferrous ores nec	31	24	7	—	—	—	—
Subtotal sulphur, clay and salt	8	8	—	—	—	—	—
4782 clay & refrac. mat.	8	8	—	—	—	—	—
Subtotal other non-metal. min.	169	—	109	16	44	44	—
4900 non-metal. min. nec	169	—	109	16	44	44	—
Total primary manufactured goods	192	155	36	—	—	—	—
Subtotal lime, cement and glass	2	2	—	—	—	—	—
5290 misc. mineral prod.	2	2	—	—	—	—	—
Subtotal primary non-ferrous metal products	190	154	36	—	—	—	—
5480 fab. metal products	190	154	36	—	—	—	—

CONNEAUT HARBOR, OH

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

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1995	5,612	1998	7,786	2001	10,485	2004	8,027
1996	5,714	1999	8,868	2002	10,474		
1997	6,205	2000	10,603	2003	6,705		

Freight Traffic, 2004 (thousand short tons)

Commodity	Grand Total	Canadian		Domestic		
		Inbound	Outbound	Total	Lakewise	
				Receipts	Shipments	
Total, all commodities	8,027	258	2,952	4,817	3,302	1,516
Total coal	4,460	137	2,841	1,481	2	1,479
1100 coal & lignite	4,432	137	2,816	1,479	—	1,479
1200 coal coke	28	—	26	2	2	—
Total crude materials, inedible except fuels	3,567	120	111	3,336	3,300	36
Subtotal soil, sand, gravel, rock and stone	724	—	111	614	577	36
4322 limestone	597	—	—	597	577	20
4323 gypsum	127	—	111	16	—	16
Subtotal iron ore and scrap	2,690	10	—	2,680	2,680	—
4410 iron ore	2,690	10	—	2,680	2,680	—
Subtotal slag	110	110	—	—	—	—
4860 slag	110	110	—	—	—	—
Subtotal other non-metal. min.	42	—	—	42	42	—
4900 non-metal. min. nec	42	—	—	42	42	—

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
1995	1,057	1998	1,296	2001	1,159	2004	1,100
1996	1,434	1999	1,136	2002	1,362		
1997	1,163	2000	1,501	2003	1,121		

Freight Traffic, 2004 (thousand short tons)

Commodity	Grand Total	Canadian	Domestic
		Inbound	Lakewise
			Receipts
Total, all commodities	1,100	11	1,088
Total coal	11	11	—
1200 coal coke	11	11	—
Total crude materials, inedible except fuels	1,088	—	1,088
Subtotal soil, sand, gravel, rock and stone	1,046	—	1,046
4322 limestone	823	—	823
4331 sand & gravel	223	—	223
Subtotal other non-metal. min.	42	—	42
4900 non-metal. min. nec	42	—	42

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
1995	374	1998	535	2001	116	2004	490
1996	398	1999	465	2002	450		
1997	446	2000	50	2003	288		

Freight Traffic, 2004 (thousand short tons)

Commodity	Grand Total	Domestic
		Lakewise Receipts
Total, all commodities	490	490
Total coal	490	490
1100 coal & lignite	490	490

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
1995	1,507	1998	2,072	2001	959	2004	1,206
1996	1,590	1999	1,804	2002	1,288		
1997	1,631	2000	1,769	2003	1,117		

Freight Traffic, 2004 (thousand short tons)

Commodity	Grand Total	Foreign	Canadian		Domestic		
		Outbound	Inbound	Outbound	Total	Lakewise	
					Receipts	Shipments	
Total, all commodities	1,206	8	315	60	823	814	9
Total coal	354	8	—	59	287	278	9
1100 coal & lignite	18	—	—	—	18	18	—
1200 coal coke	336	8	—	59	269	260	9
Total petroleum and petroleum products	44	—	—	—	44	44	—
Subtotal petroleum products	44	—	—	—	44	44	—
2540 petroleum coke	44	—	—	—	44	44	—
Total crude materials, inedible except fuels	484	—	118	—	366	366	—
Subtotal forest products, wood and chips	3	—	3	—	—	—	—
4189 lumber	3	—	3	—	—	—	—
Subtotal soil, sand, gravel, rock and stone	366	—	—	—	366	366	—
4322 limestone	247	—	—	—	247	247	—
4331 sand & gravel	118	—	—	—	118	118	—
Subtotal other non-metal. min.	115	—	115	—	—	—	—
4900 non-metal. min. nec	115	—	115	—	—	—	—
Total primary manufactured goods	165	—	145	—	19	19	—
Subtotal lime, cement and glass	165	—	145	—	19	19	—
5220 cement & concrete	165	—	145	—	19	19	—
Total food and farm products	159	—	52	—	107	107	—
Subtotal grain	159	—	52	—	107	107	—
6241 wheat	159	—	52	—	107	107	—
Total all manufactured equipment, machinery and products	1	—	—	1	—	—	—
7110 machinery (not elec)	1	—	—	1	—	—	—

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
1995	365	1998	269	2001	256	2004	386
1996	274	1999	271	2002	398		
1997	263	2000	399	2003	311		

Freight Traffic, 2004 (thousand short tons)

Commodity	Grand Total	Canadian Inbound	Domestic		
			Total	Lakewise	
				Receipts	Shipments
Total, all commodities	386	8	379	375	4
Total coal	225	—	225	225	—
1100 coal & lignite	225	—	225	225	—
Total petroleum and petroleum products	161	8	154	150	4
Subtotal petroleum products	161	8	154	150	4
2340 residual fuel oil	11	8	4	—	4
2430 asphalt, tar & pitch	148	—	148	148	—
2540 petroleum coke	2	—	2	2	—
Ton-miles (x1000)	2,680	30	2,650	2,624	25

Tons All Traffic (x1000) 386
Ton-miles All Traffic (x1000) 2,680

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
1995	1,873	1998	2,341	2001	1,215	2004	1,592
1996	1,864	1999	2,075	2002	1,686		
1997	1,894	2000	2,169	2003	1,427		

Freight Traffic, 2004 (thousand short tons)

Commodity	Grand Total	Foreign Outbound	Canadian		Domestic		
			Inbound	Outbound	Total	Lakewise	
						Receipts	Shipments
Total, all commodities	1,592	8	322	60	1,202	1,189	12
Total coal	579	8	—	59	512	503	9
1100 coal & lignite	243	—	—	—	243	243	—
1200 coal coke	336	8	—	59	269	260	9
Total petroleum and petroleum products	205	—	8	—	198	194	4
Subtotal petroleum products	205	—	8	—	198	194	4
2340 residual fuel oil	11	—	8	—	4	—	4
2430 asphalt, tar & pitch	148	—	—	—	148	148	—
2540 petroleum coke	46	—	—	—	46	46	—
Total crude materials, inedible except fuels	484	—	118	—	366	366	—
Subtotal forest products, wood and chips	3	—	3	—	—	—	—
4189 lumber	3	—	3	—	—	—	—
Subtotal soil, sand, gravel, rock and stone	366	—	—	—	366	366	—
4322 limestone	247	—	—	—	247	247	—
4331 sand & gravel	118	—	—	—	118	118	—
Subtotal other non-metal. min.	115	—	115	—	—	—	—
4900 non-metal. min. nec	115	—	115	—	—	—	—
Total primary manufactured goods	165	—	145	—	19	19	—
Subtotal lime, cement and glass	165	—	145	—	19	19	—
5220 cement & concrete	165	—	145	—	19	19	—
Total food and farm products	159	—	52	—	107	107	—
Subtotal grain	159	—	52	—	107	107	—
6241 wheat	159	—	52	—	107	107	—
Total all manufactured equipment, machinery and products	1	—	—	1	—	—	—
7110 machinery (not elec)	1	—	—	1	—	—	—

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
1995	435	1998	471	2001	393	2004	856
1996	511	1999	805	2002	324		
1997	640	2000	589	2003	715		

Freight Traffic, 2004 (thousand short tons)

Commodity	Grand Total	Canadian	Domestic
		Inbound	Coastwise Shipments
Total, all commodities	856	850	5
Total petroleum and petroleum products	417	417	—
Subtotal petroleum products	417	417	—
2330 distillate fuel oil	15	15	—
2340 residual fuel oil	281	281	—
2430 asphalt, tar & pitch	6	6	—
2540 petroleum coke	115	115	—
Total chemicals and related products	45	41	4
Subtotal fertilizers	17	17	—
3130 potassic fert.	17	17	—
Subtotal other chemicals and related products	28	24	4
3276 metallic salts	28	24	4
Total crude materials, inedible except fuels	20	18	2
Subtotal soil, sand, gravel, rock and stone	2	—	2
4331 sand & gravel	2	—	2
Subtotal other non-metal. min.	18	18	—
4900 non-metal. min. nec	18	18	—
Total primary manufactured goods	374	374	—
Subtotal lime, cement and glass	374	374	—
5220 cement & concrete	374	374	—

Other Harbors and Waterways 2004

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	
IRONDEQUOIT BAY HARBOR, NEW YORK	No Commerce Reported	
NIAGARA FALLS, NY	No Commerce Reported	
OGDENSBURG HARBOR, NY	4900 non-metal. min. nec	182
	Total Tons(x1000)	182
PORT CLINTON HARBOR, OH	No Commerce Reported	
ROCHESTER (CHARLOTTE) HARBOR, NY	5220 cement & concrete	113
	Total Tons(x1000)	113
SACKETS HARBOR, NY	2211 gasoline	0
	2330 distillate fuel oil	0
	3110 nitrogenous fert.	0
	6747 grain mill products	0
	6887 groceries	0
	7110 machinery (not elec)	0
	7900 manufac. prod. nec	0
	Total Tons(x1000)	0
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
1995	41,734	1998	38,641*	2001	40,333	2004	40,209
1996	39,679	1999	40,685	2002	40,204		
1997	38,619	2000	41,491	2003	39,494		

*Revised after original year of publication

Freight Traffic, 2004 (thousand short tons)

Commodity	Total	Domestic
		Coastwise Through Upbound
Total, all commodities	1	1
Total crude materials, inedible except fuels	1	1
Subtotal iron ore and scrap	1	1
4420 iron & steel scrap	1	1
Ton-miles (x1000) Domestic	407	407

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	40,207	6,572	899	2,546	17,728	8,263	3,847	150	202
Total coal	2,080	489	2	7	36	1,403	134	8	—
1100 coal & lignite	638	457	2	—	2	166	3	8	—
1200 coal coke	1,441	32	—	7	35	1,237	131	—	—
Total petroleum and petroleum products	5,465	1,051	116	875	1,564	849	922	15	74
Subtotal crude petroleum	45	—	—	—	—	7	38	—	—
2100 crude petroleum	45	—	—	—	—	7	38	—	—
Subtotal petroleum products	5,419	1,051	116	875	1,564	842	884	15	74
2211 gasoline	233	71	—	—	27	120	15	—	—
2221 kerosene	92	75	—	11	6	—	—	—	—
2330 distillate fuel oil	590	57	—	—	242	91	197	—	3
2340 residual fuel oil	720	122	20	96	236	146	100	—	—
2350 lube oil & greases	206	51	4	—	3	147	—	—	—
2429 naphtha & solvents	448	204	—	—	146	62	36	—	—
2430 asphalt, tar & pitch	1,089	206	—	154	434	147	75	13	60
2540 petroleum coke	1,775	21	91	615	467	116	452	1	11
2640 liquid natural gas	4	—	—	—	—	4	—	—	—
2990 petro. products nec	263	243	—	—	3	9	9	—	—
Total chemicals and related products	4,315	2,340	71	127	621	1,066	71	17	3
Subtotal fertilizers	1,118	1,010	—	2	26	58	2	17	3
3110 nitrogenous fert.	613	536	—	—	23	51	—	3	—
3120 phosphatic fert.	52	49	—	—	—	1	2	—	—
3130 potassic fert.	151	130	—	—	3	2	—	14	3
3190 fert. & mixes nec	301	296	—	2	—	4	—	—	—
Subtotal other chemicals and related products	3,197	1,329	71	125	595	1,007	70	—	—
3211 acyclic hydrocarbons	37	37	—	—	—	—	—	—	—
3212 benzene & toluene	84	0	—	—	1	44	38	—	—
3219 other hydrocarbons	770	649	25	—	—	82	15	—	—
3220 alcohols	1,171	70	46	125	577	339	14	—	—
3230 carboxylic acids	20	19	—	—	1	—	—	—	—
3260 organic comp. nec	31	20	—	—	—	11	—	—	—
3273 ammonia	323	323	—	—	—	—	—	—	—
3274 sodium hydroxide	509	16	—	—	—	493	—	—	—
3275 inorg. elem., oxides, & halogen salts	45	23	—	—	—	22	—	—	—
3276 metallic salts	8	—	—	—	3	3	3	—	—
3279 inorganic chem. nec	171	152	—	—	11	7	—	—	—
3297 chemical additives	5	—	—	—	—	5	—	—	—
3299 chem. products nec	23	22	—	—	1	—	—	—	—
Total crude materials, inedible except fuels	6,379	1,222	176	1,486	60	1,981	1,314	109	31
Subtotal forest products, wood and chips	384	200	—	—	—	184	—	—	—
4161 wood chips	370	195	—	—	—	174	—	—	—
4190 forest products nec	14	5	—	—	—	10	—	—	—

ILLINOIS RIVER, IL (INCLUDED IN THE ILLINOIS WATERWAY CONSOLIDATED)
 Freight Traffic, 2004 - continued
 (thousand short tons)

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Subtotal pulp and waste paper	2	2	—	—	—	—	—	—	—
4225 pulp & waste paper	2	2	—	—	—	—	—	—	—
Subtotal soil, sand, gravel, rock and stone	2,345	291	135	1,474	3	333	—	109	—
4322 limestone	93	67	—	—	—	26	—	—	—
4323 gypsum	240	—	—	—	—	240	—	—	—
4331 sand & gravel	1,991	213	135	1,474	3	58	—	109	—
4335 waterway improv. mat	21	11	—	—	—	10	—	—	—
Subtotal iron ore and scrap	1,578	203	41	8	56	351	888	—	31
4410 iron ore	240	—	—	—	—	160	79	—	—
4420 iron & steel scrap	1,338	203	41	8	56	190	809	—	31
Subtotal non-ferrous ores and scrap	244	79	—	—	—	166	—	—	—
4650 aluminum ore	131	55	—	—	—	75	—	—	—
4670 manganese ore	63	20	—	—	—	44	—	—	—
4680 non-ferrous scrap	33	—	—	—	—	33	—	—	—
4690 non-ferrous ores nec	18	4	—	—	—	14	—	—	—
Subtotal sulphur, clay and salt	94	12	—	—	—	82	—	—	—
4782 clay & refrac. mat.	94	12	—	—	—	82	—	—	—
Subtotal slag	559	16	—	2	—	118	424	—	—
4860 slag	559	16	—	2	—	118	424	—	—
Subtotal other non-metal. min.	1,173	420	—	2	2	748	2	—	—
4900 non-metal. min. nec	1,173	420	—	2	2	748	2	—	—
Total primary manufactured goods	5,437	1,355	517	—	93	2,815	657	—	—
Subtotal lime, cement and glass	1,364	203	—	—	—	1,007	154	—	—
5210 lime	25	—	—	—	—	—	25	—	—
5220 cement & concrete	1,337	202	—	—	—	1,007	129	—	—
5290 misc. mineral prod.	2	2	—	—	—	—	—	—	—
Subtotal primary iron and steel products	3,867	1,118	516	—	93	1,645	495	—	—
5312 pig iron	1,585	971	—	—	—	608	6	—	—
5315 ferro alloys	184	5	—	—	—	177	2	—	—
5320 i&s primary forms	168	13	6	—	—	141	7	—	—
5330 i&s plates & sheets	767	77	130	—	22	222	316	—	—
5360 i&s bars & shapes	453	35	12	—	45	358	3	—	—
5370 i&s pipe & tube	5	—	—	—	1	4	—	—	—
5390 primary i&s nec	705	17	367	—	26	135	161	—	—
Subtotal primary non-ferrous metal products	206	34	2	—	—	163	7	—	—
5422 aluminum	14	—	—	—	—	14	—	—	—
5429 smelted prod. nec	25	3	—	—	—	21	—	—	—
5480 fab. metal products	167	30	2	—	—	128	7	—	—
Total food and farm products	16,349	114	—	51	15,224	149	715	2	94
Subtotal grain	11,997	17	—	2	11,350	20	532	—	76
6241 wheat	452	—	—	—	219	6	226	—	—
6344 corn	11,528	17	—	2	11,128	—	305	—	76
6442 rice	3	—	—	—	2	2	—	—	—
6445 oats	12	—	—	—	—	12	—	—	—
6447 sorghum grains	2	—	—	—	2	—	—	—	—
Subtotal oilseeds	2,797	52	—	40	2,560	35	91	2	18
6522 soybeans	2,730	16	—	40	2,556	7	91	2	18
6590 oilseeds nec	67	36	—	—	3	28	—	—	—
Subtotal vegetable products	60	—	—	—	55	—	5	—	—
6653 vegetable oils	54	—	—	—	54	—	—	—	—
6654 vegetables & prod.	7	—	—	—	2	—	5	—	—
Subtotal processed grain and animal feed	1,319	—	—	—	1,239	9	70	—	—
6747 grain mill products	21	—	—	—	21	—	—	—	—
6782 animal feed, prep.	1,297	—	—	—	1,218	9	70	—	—
Subtotal other agricultural products	176	44	—	10	20	85	17	—	—
6861 sugar	71	—	—	—	—	71	—	—	—
6865 molasses	78	44	—	—	2	15	17	—	—
6885 alcoholic beverages	28	—	—	10	18	—	—	—	—
Total all manufactured equipment, machinery and products	56	2	17	—	2	—	35	—	—
7110 machinery (not elec)	17	—	17	—	—	—	—	—	—
7500 textile products	2	2	—	—	—	—	—	—	—
7600 rubber & plastic pr.	22	—	—	—	2	—	20	—	—
7800 empty containers	15	—	—	—	—	—	15	—	—
Total waste and scrap nec	127	—	—	—	127	—	—	—	—
8900 waste and scrap nec	127	—	—	—	127	—	—	—	—

ILLINOIS RIVER, IL (INCLUDED IN THE ILLINOIS WATERWAY CONSOLIDATED)
 Freight Traffic, 2004 - continued
 (thousand short tons)

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Ton-miles Internal (x1000)	8,221,606	1,262,549	72,307	134,804	3,191,362	2,404,454	1,119,568	14,283	22,278
Tons All Traffic (x1000)		40,209							
Ton-miles All Traffic (x1000)		8,222,013							
Total Trip-ton-miles Internal and Intraport (x1000)		42,328,222							

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
1995	12,077	1998	8,808*	2001	6,022	2004	8,560
1996	12,636	1999	7,449	2002	6,749		
1997	10,041	2000	8,007	2003	6,576		

*Revised after original year of publication

Freight Traffic, 2004 (thousand short tons)

Commodity	Grand Total	Domestic						
		Coastwise Through Upbound	Internal				Through Upbound	Downbnd
			Inbound		Outbound			
			Upbound	Downbnd	Downbnd	Upbound		
Total, all commodities	8,560	1	298	10	53	5,506	2,692	
Total coal	1,399	—	—	—	—	1,370	29	
1100 coal & lignite	164	—	—	—	—	163	1	
1200 coal coke	1,235	—	—	—	—	1,207	28	
Total petroleum and petroleum products	1,586	—	135	—	20	1,183	248	
Subtotal crude petroleum	38	—	—	—	20	—	18	
2100 crude petroleum	38	—	—	—	20	—	18	
Subtotal petroleum products	1,548	—	135	—	—	1,183	230	
2211 gasoline	102	—	102	—	—	—	—	
2330 distillate fuel oil	130	—	19	—	—	37	73	
2340 residual fuel oil	68	—	7	—	—	59	2	
2350 lube oil & greases	4	—	—	—	—	4	—	
2429 naphtha & solvents	2	—	2	—	—	—	—	
2430 asphalt, tar & pitch	14	—	—	—	—	—	14	
2540 petroleum coke	1,216	—	2	—	—	1,073	141	
2640 liquid natural gas	4	—	4	—	—	—	—	
2990 petro. products nec	10	—	—	—	—	10	—	
Total chemicals and related products	201	—	99	—	16	75	10	
Subtotal fertilizers	58	—	1	—	—	56	2	
3110 nitrogenous fert.	48	—	—	—	—	48	—	
3120 phosphatic fert.	3	—	—	—	—	1	2	
3130 potassic fert.	2	—	—	—	—	2	—	
3190 fert. & mixes nec	6	—	1	—	—	5	—	
Subtotal other chemicals and related products	142	—	98	—	16	20	9	
3219 other hydrocarbons	11	—	—	—	—	11	—	
3220 alcohols	118	—	98	—	16	1	3	
3276 metallic salts	7	—	—	—	—	1	6	
3279 inorganic chem. nec	6	—	—	—	—	6	—	
Total crude materials, inedible except fuels	1,930	1	36	10	—	1,120	762	
Subtotal forest products, wood and chips	28	—	—	—	—	28	—	
4161 wood chips	18	—	—	—	—	18	—	
4190 forest products nec	10	—	—	—	—	10	—	
Subtotal soil, sand, gravel, rock and stone	329	—	35	10	—	284	—	
4322 limestone	26	—	3	—	—	23	—	
4323 gypsum	240	—	—	—	—	240	—	
4331 sand & gravel	63	—	31	10	—	22	—	
Subtotal iron ore and scrap	692	1	—	—	—	328	363	
4410 iron ore	235	—	—	—	—	156	79	
4420 iron & steel scrap	457	1	—	—	—	172	283	
Subtotal non-ferrous ores and scrap	161	—	—	—	—	161	—	
4650 aluminum ore	72	—	—	—	—	72	—	
4670 manganese ore	42	—	—	—	—	42	—	
4680 non-ferrous scrap	33	—	—	—	—	33	—	
4690 non-ferrous ores nec	14	—	—	—	—	14	—	
Subtotal sulphur, clay and salt	80	—	—	—	—	80	—	
4782 clay & refrac. mat.	80	—	—	—	—	80	—	
Subtotal slag	515	—	2	—	—	116	397	
4860 slag	515	—	2	—	—	116	397	

CALUMET-SAG CHANNEL, IL (INCLUDED IN PORT OF CHICAGO, ALSO INCLUDED IN STATISTICS FOR ILLINOIS WATERWAY)
 Freight Traffic, 2004 - continued
 (thousand short tons)

Commodity	Grand Total	Domestic					
		Coastwise	Inbound		Internal		Through
		Through Upbound	Upbound	Downbnd	Outbound Downbnd	Upbound	Downbnd
Subtotal other non-metal. min.	125	—	—	—	—	123	2
4900 non-metal. min. nec	125	—	—	—	—	123	2
Total primary manufactured goods	2,816	—	18	—	—	1,624	1,175
Subtotal lime, cement and glass	335	—	18	—	—	149	168
5210 lime	25	—	—	—	—	—	25
5220 cement & concrete	310	—	18	—	—	149	143
Subtotal primary iron and steel products	2,342	—	—	—	—	1,343	999
5312 pig iron	607	—	—	—	—	601	6
5315 ferro alloys	179	—	—	—	—	177	2
5320 i&s primary forms	152	—	—	—	—	139	12
5330 i&s plates & sheets	614	—	—	—	—	175	439
5360 i&s bars & shapes	164	—	—	—	—	149	15
5390 primary i&s nec	626	—	—	—	—	101	525
Subtotal primary non-ferrous metal products	139	—	—	—	—	132	7
5422 aluminum	10	—	—	—	—	10	—
5429 smelted prod. nec	15	—	—	—	—	15	—
5480 fab. metal products	113	—	—	—	—	106	7
Total food and farm products	591	—	9	—	17	134	431
Subtotal grain	396	—	—	—	—	20	376
6241 wheat	212	—	—	—	—	6	206
6344 corn	171	—	—	—	—	2	170
6442 rice	2	—	—	—	—	2	—
6445 oats	10	—	—	—	—	10	—
Subtotal oilseeds	110	—	—	—	—	56	54
6522 soybeans	82	—	—	—	—	28	54
6590 oilseeds nec	28	—	—	—	—	28	—
Subtotal vegetable products	2	—	—	—	—	—	2
6654 vegetables & prod.	2	—	—	—	—	—	2
Subtotal processed grain and animal feed	9	—	—	—	—	9	—
6782 animal feed, prep.	9	—	—	—	—	9	—
Subtotal other agricultural products	75	—	9	—	17	49	—
6861 sugar	43	—	—	—	—	43	—
6865 molasses	32	—	9	—	17	6	—
Total all manufactured equipment, machinery and products	38	—	—	—	—	—	38
7110 machinery (not elec)	17	—	—	—	—	—	17
7600 rubber & plastic pr.	20	—	—	—	—	—	20
Ton-miles (x1000)	201,641	34	3,962	99	790	132,150	64,605
Tons All Traffic (x1000)	8,560						
Ton-miles All Traffic (x1000)	201,641						
Total Trip-ton-miles Internal and Intraport (x1000)	8,275,397						

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
1995	19,704	1998	18,185*	2001	16,905	2004	20,571
1996	20,493	1999	17,500	2002	17,059		
1997	18,900	2000	17,983	2003	19,465		

*Revised after original year of publication

Freight Traffic, 2004 (thousand short tons)

Commodity	Total	Domestic
		Coastwise Through Upbound
Total, all commodities	1	1
Total crude materials, inedible except fuels	1	1
Subtotal iron ore and scrap	1	1
4420 iron & steel scrap	1	1
Ton-miles (x1000)	14	14
Domestic		

CHICAGO SANITARY AND SHIP CANAL, IL (INCLUDED IN PORT OF CHICAGO, ALSO INCLUDED
IN STATISTICS FOR ILLINOIS WATERWAY)
Freight Traffic, 2004 - continued
(thousand short tons)

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	20,569	4,785	252	2,570	1,635	6,097	3,141	2,011	78
Total coal	3,682	10	5	768	105	1,400	31	1,356	7
1100 coal & lignite	2,305	3	5	767	2	163	3	1,356	7
1200 coal coke	1,377	7	—	1	103	1,237	28	—	—
Total petroleum and petroleum products	3,648	955	116	504	913	807	148	135	70
Subtotal crude petroleum	45	7	—	—	—	—	38	—	—
2100 crude petroleum	45	7	—	—	—	—	38	—	—
Subtotal petroleum products	3,603	948	116	504	913	807	110	135	70
2211 gasoline	135	18	—	—	15	102	—	—	—
2221 kerosene	11	11	—	—	—	—	—	—	—
2330 distillate fuel oil	483	90	48	30	178	19	30	87	—
2340 residual fuel oil	413	213	—	26	128	32	—	10	4
2350 lube oil & greases	159	145	—	—	7	2	—	5	—
2429 naphtha & solvents	110	60	—	—	36	2	—	—	13
2430 asphalt, tar & pitch	409	301	7	—	68	—	7	—	26
2540 petroleum coke	1,844	108	62	446	471	640	73	31	13
2640 liquid natural gas	19	—	—	—	—	4	—	—	15
2990 petro. products nec	21	1	—	1	10	7	—	1	—
Total chemicals and related products	1,448	1,029	90	—	131	178	12	8	1
Subtotal fertilizers	62	—	—	—	—	60	2	—	—
3110 nitrogenous fert.	51	—	—	—	—	51	—	—	—
3120 phosphatic fert.	3	—	—	—	—	1	2	—	—
3130 potassic fert.	2	—	—	—	—	2	—	—	—
3190 fert. & mixes nec	6	—	—	—	—	6	—	—	—
Subtotal other chemicals and related products	1,387	1,029	90	—	131	118	10	8	1
3212 benzene & toluene	91	44	—	—	38	—	—	8	—
3219 other hydrocarbons	123	71	—	—	40	11	—	—	1
3220 alcohols	536	373	3	—	50	100	10	—	—
3260 organic comp. nec	11	11	—	—	—	—	—	—	—
3274 sodium hydroxide	493	493	—	—	—	—	—	—	—
3275 inorg. elem., oxides, & halogen salts	22	22	—	—	—	—	—	—	—
3276 metallic salts	99	7	87	—	3	1	—	—	—
3279 inorganic chem. nec	7	1	—	—	—	6	—	—	—
3297 chemical additives	5	5	—	—	—	—	—	—	—
Total crude materials, inedible except fuels	6,809	1,750	38	1,295	205	1,717	1,292	513	—
Subtotal forest products, wood and chips	184	156	—	—	—	28	—	—	—
4161 wood chips	174	156	—	—	—	18	—	—	—
4190 forest products nec	10	—	—	—	—	10	—	—	—
Subtotal soil, sand, gravel, rock and stone	3,750	1,051	—	1,295	135	756	—	513	—
4322 limestone	26	—	—	—	—	26	—	—	—
4323 gypsum	240	—	—	—	—	240	—	—	—
4331 sand & gravel	3,474	1,041	—	1,295	135	490	—	513	—
4335 waterway improv. mat	10	10	—	—	—	—	—	—	—
Subtotal iron ore and scrap	1,332	16	36	—	67	342	869	—	—
4410 iron ore	240	—	—	—	—	160	79	—	—
4420 iron & steel scrap	1,092	16	36	—	67	182	790	—	—
Subtotal non-ferrous ores and scrap	166	3	—	—	—	163	—	—	—
4650 aluminum ore	75	2	—	—	—	74	—	—	—
4670 manganese ore	44	1	—	—	—	42	—	—	—
4680 non-ferrous scrap	33	—	—	—	—	33	—	—	—
4690 non-ferrous ores nec	14	—	—	—	—	14	—	—	—
Subtotal sulphur, clay and salt	82	1	—	—	—	80	—	—	—
4782 clay & refrac. mat.	82	1	—	—	—	80	—	—	—
Subtotal slag	545	—	1	—	3	120	421	—	—
4860 slag	545	—	1	—	3	120	421	—	—
Subtotal other non-metal. min.	751	521	—	—	—	228	2	—	—
4900 non-metal. min. nec	751	521	—	—	—	228	2	—	—
Total primary manufactured goods	4,013	995	3	1	6	1,840	1,167	—	—
Subtotal lime, cement and glass	1,183	677	2	—	—	350	154	—	—
5210 lime	25	—	—	—	—	—	25	—	—
5220 cement & concrete	1,158	677	2	—	—	350	129	—	—
Subtotal primary iron and steel products	2,658	288	1	1	5	1,357	1,006	—	—
5312 pig iron	615	—	—	1	—	608	6	—	—
5315 ferro alloys	179	—	—	—	—	177	2	—	—
5320 i&s primary forms	155	2	—	—	2	139	12	—	—

CHICAGO SANITARY AND SHIP CANAL, IL (INCLUDED IN PORT OF CHICAGO, ALSO INCLUDED
IN STATISTICS FOR ILLINOIS WATERWAY)
Freight Traffic, 2004 - continued
(thousand short tons)

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
5330 i&s plates & sheets	670	47	1	—	—	175	446	—	—
5360 i&s bars & shapes	373	207	—	—	—	151	15	—	—
5370 i&s pipe & tube	4	4	—	—	—	—	—	—	—
5390 primary i&s nec	663	28	—	—	3	107	525	—	—
Subtotal primary non-ferrous metal products	172	30	—	—	2	133	7	—	—
5422 aluminum	14	2	—	—	—	12	—	—	—
5429 smelted prod. nec	21	6	—	—	—	15	—	—	—
5480 fab. metal products	137	22	—	—	2	106	7	—	—
Total food and farm products	917	46	—	2	260	155	454	—	—
Subtotal grain	553	2	—	—	156	20	376	—	—
6241 wheat	233	—	—	—	20	6	206	—	—
6344 corn	307	—	—	—	135	2	170	—	—
6442 rice	2	—	—	—	—	2	—	—	—
6445 oats	12	2	—	—	—	10	—	—	—
Subtotal oilseeds	167	7	—	2	31	67	60	—	—
6522 soybeans	139	7	—	2	31	39	60	—	—
6590 oilseeds nec	28	—	—	—	—	28	—	—	—
Subtotal vegetable products	5	—	—	—	3	—	2	—	—
6654 vegetables & prod.	5	—	—	—	3	—	2	—	—
Subtotal processed grain and animal feed	80	—	—	—	70	9	—	—	—
6782 animal feed, prep.	80	—	—	—	70	9	—	—	—
Subtotal other agricultural products	112	37	—	—	—	58	17	—	—
6861 sugar	71	27	—	—	—	43	—	—	—
6865 molasses	32	—	—	—	—	15	17	—	—
6885 alcoholic beverages	10	10	—	—	—	—	—	—	—
Total all manufactured equipment, machinery and products	52	—	—	—	15	—	38	—	—
7110 machinery (not elec)	17	—	—	—	—	—	17	—	—
7600 rubber & plastic pr.	20	—	—	—	—	—	20	—	—
7800 empty containers	15	—	—	—	15	—	—	—	—
Ton-miles Internal (x1000)	285,424	51,575	2,814	57,291	11,128	76,561	41,869	43,599	587
Tons All Traffic (x1000)				20,571					
Ton-miles All Traffic (x1000)				285,438					
Total Trip-ton-miles Internal and Intraport (x1000)				14,763,829					

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
1995	47,435	1998	41,795*	2001	43,490	2004	45,235
1996	46,236	1999	43,724	2002	43,032		
1997	42,994	2000	44,231	2003	45,009		

*Revised after original year of publication

Freight Traffic, 2004 (thousand short tons)

Commodity	Total	Domestic
		Coastwise Through Upbound
Total, all commodities	1	1
Total crude materials, inedible except fuels	1	1
Subtotal iron ore and scrap	1	1
4420 iron & steel scrap	1	1
Ton-miles (x1000) Domestic	455	455

ILLINOIS WATERWAY, IL (CONSOLIDATED REPORT FOR ENTIRE WATERWAY)
 Freight Traffic, 2004 - continued
 (thousand short tons)

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	45,234	10,323	816	2,162	19,320	4,579	2,286	5,124	626
Total coal	4,215	499	1	9	141	1,393	29	2,131	11
1100 coal & lignite	2,772	460	1	—	3	163	2	2,131	11
1200 coal coke	1,443	39	—	9	138	1,230	28	—	—
Total petroleum and petroleum products	6,352	1,847	116	1,084	2,382	92	127	444	260
Subtotal crude petroleum	45	7	—	—	20	—	18	—	—
2100 crude petroleum	45	7	—	—	20	—	18	—	—
Subtotal petroleum products	6,306	1,839	116	1,084	2,361	92	110	444	260
2211 gasoline	233	191	—	—	42	—	—	—	—
2221 kerosene	92	75	—	—	6	—	—	11	—
2330 distillate fuel oil	785	166	48	30	420	—	30	87	3
2340 residual fuel oil	770	262	—	42	343	9	—	89	24
2350 lube oil & greases	213	197	—	—	6	2	—	5	4
2429 naphtha & solvents	460	266	—	—	182	—	—	—	13
2430 asphalt, tar & pitch	1,122	353	7	—	502	—	7	167	85
2540 petroleum coke	2,345	80	62	1,010	847	74	73	83	115
2640 liquid natural gas	19	4	—	—	—	—	—	—	15
2990 petro. products nec	268	245	—	1	13	7	—	1	—
Total chemicals and related products	4,429	3,335	92	2	690	77	2	157	74
Subtotal fertilizers	1,118	1,011	—	2	26	57	2	17	3
3110 nitrogenous fert.	613	536	—	—	23	51	—	3	—
3120 phosphatic fert.	52	49	—	—	—	1	2	—	—
3130 potassic fert.	151	130	—	—	3	2	—	14	3
3190 fert. & mixes nec	301	297	—	2	—	3	—	—	—
Subtotal other chemicals and related products	3,311	2,324	92	—	664	20	—	140	71
3211 acyclic hydrocarbons	37	37	—	—	—	—	—	—	—
3212 benzene & toluene	92	45	—	—	40	—	—	8	—
3219 other hydrocarbons	771	720	—	—	15	11	—	—	26
3220 alcohols	1,183	409	4	—	591	1	—	132	45
3230 carboxylic acids	20	19	—	—	1	—	—	—	—
3260 organic comp. nec	31	31	—	—	—	—	—	—	—
3273 ammonia	323	323	—	—	—	—	—	—	—
3274 sodium hydroxide	509	509	—	—	—	—	—	—	—
3275 inorg. elem., oxides, & halogen salts	45	45	—	—	—	—	—	—	—
3276 metallic salts	102	7	87	—	6	1	—	—	—
3279 inorganic chem. nec	171	153	—	—	11	6	—	—	—
3297 chemical additives	5	5	—	—	—	—	—	—	—
3299 chem. products nec	23	22	—	—	1	—	—	—	—
Total crude materials, inedible except fuels	8,244	1,963	69	1,030	362	1,240	1,019	2,374	186
Subtotal forest products, wood and chips	384	356	—	—	—	28	—	—	—
4161 wood chips	370	352	—	—	—	18	—	—	—
4190 forest products nec	14	5	—	—	—	10	—	—	—
Subtotal pulp and waste paper	2	2	—	—	—	—	—	—	—
4225 pulp & waste paper	2	2	—	—	—	—	—	—	—
Subtotal soil, sand, gravel, rock and stone	4,163	339	10	1,026	3	286	—	2,365	135
4322 limestone	93	70	—	—	—	23	—	—	—
4323 gypsum	240	—	—	—	—	240	—	—	—
4331 sand & gravel	3,809	247	10	1,026	3	23	—	2,365	135
4335 waterway improv. mat	21	21	—	—	—	—	—	—	—
Subtotal iron ore and scrap	1,623	213	57	1	354	341	597	8	51
4410 iron ore	240	—	—	—	—	160	79	—	—
4420 iron & steel scrap	1,383	213	57	1	354	181	517	8	51
Subtotal non-ferrous ores and scrap	244	82	—	—	—	163	—	—	—
4650 aluminum ore	131	57	—	—	—	74	—	—	—
4670 manganese ore	63	21	—	—	—	42	—	—	—
4680 non-ferrous scrap	33	—	—	—	—	33	—	—	—
4690 non-ferrous ores nec	18	4	—	—	—	14	—	—	—
Subtotal sulphur, clay and salt	94	13	—	—	—	80	—	—	—
4782 clay & refrac. mat.	94	13	—	—	—	80	—	—	—
Subtotal slag	561	18	1	2	3	116	421	—	—
4860 slag	561	18	1	2	3	116	421	—	—
Subtotal other non-metal. min.	1,173	941	—	2	2	227	2	—	—
4900 non-metal. min. nec	1,173	941	—	2	2	227	2	—	—

ILLINOIS WATERWAY, IL (CONSOLIDATED REPORT FOR ENTIRE WATERWAY)
 Freight Traffic, 2004 - continued
 (thousand short tons)

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Total primary manufactured goods	5,462	2,524	520	1	100	1,666	650	—	—
Subtotal lime, cement and glass	1,386	1,055	2	—	—	175	154	—	—
5210 lime	25	—	—	—	—	—	25	—	—
5220 cement & concrete	1,359	1,053	2	—	—	175	129	—	—
5290 misc. mineral prod.	2	2	—	—	—	—	—	—	—
Subtotal primary iron and steel products	3,870	1,406	517	1	98	1,357	491	—	—
5312 pig iron	1,586	971	—	1	—	608	6	—	—
5315 ferro alloys	184	5	—	—	—	177	2	—	—
5320 i&s plates & sheets	168	15	6	—	2	139	6	—	—
5330 i&s primary forms	769	124	131	—	22	175	316	—	—
5360 i&s bars & shapes	453	243	12	—	45	151	3	—	—
5370 i&s pipe & tube	5	4	—	—	1	—	—	—	—
5390 primary i&s nec	705	44	367	—	29	107	158	—	—
Subtotal primary non-ferrous metal products	206	64	2	—	2	133	6	—	—
5422 aluminum	14	2	—	—	—	12	—	—	—
5429 smelted prod. nec	25	10	—	—	—	15	—	—	—
5480 fab. metal products	167	52	2	—	2	106	6	—	—
Total food and farm products	16,351	152	—	36	15,502	111	437	18	94
Subtotal grain	11,997	19	—	2	11,506	18	376	—	76
6241 wheat	452	—	—	—	240	6	206	—	—
6344 corn	11,528	17	—	2	11,263	—	170	—	76
6442 rice	3	—	—	—	2	2	—	—	—
6445 oats	12	2	—	—	—	10	—	—	—
6447 sorghum grains	2	—	—	—	2	—	—	—	—
Subtotal oilseeds	2,798	52	—	35	2,591	35	60	9	18
6522 soybeans	2,731	16	—	35	2,587	7	60	9	18
6590 oilseeds nec	67	36	—	—	3	28	—	—	—
Subtotal vegetable products	60	—	—	—	59	—	2	—	—
6653 vegetable oils	54	—	—	—	54	—	—	—	—
6654 vegetables & prod.	7	—	—	—	5	—	2	—	—
Subtotal processed grain and animal feed	1,319	—	—	—	1,309	9	—	—	—
6747 grain mill products	21	—	—	—	21	—	—	—	—
6782 animal feed, prep.	1,297	—	—	—	1,288	9	—	—	—
Subtotal other agricultural products	176	81	—	—	37	49	—	10	—
6861 sugar	71	27	—	—	—	43	—	—	—
6865 molasses	78	53	—	—	19	6	—	—	—
6885 alcoholic beverages	28	—	—	—	18	—	—	10	—
Total all manufactured equipment, machinery and products	56	2	17	—	16	—	20	—	—
7110 machinery (not elec)	17	—	17	—	—	—	—	—	—
7500 textile products	2	2	—	—	—	—	—	—	—
7600 rubber & plastic pr.	22	—	—	—	2	—	20	—	—
7800 empty containers	15	—	—	—	15	—	—	—	—
Total waste and scrap nec	127	—	—	—	127	—	—	—	—
8900 waste and scrap nec	127	—	—	—	127	—	—	—	—
Ton-miles Internal (x1000)	8,719,551	2,386,420	68,720	96,286	3,663,265	1,488,068	742,798	219,994	54,001
Tons All Traffic (x1000)			45,235						
Ton-miles All Traffic (x1000)			8,720,006						
Total Trip-ton-miles Internal and Intraport (x1000)			42,473,127						

Section 2

Trips and Drafts of Vessels

Trips and Drafts of Vessels, 2004
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
WAUKEGAN HARBOR, IL												
	Inbound						Outbound					
Grand Total	228	36	—	114	78	—	239	38	—	114	87	—
FOREIGN												
Total	1	—	—	—	1	—	2	—	—	1	1	—
21	1	—	—	—	1	—	—	—	—	—	—	—
19	—	—	—	—	—	—	1	—	—	—	1	—
18	—	—	—	—	—	—	1	—	—	1	—	—
DOMESTIC												
Total	227	36	—	114	77	—	237	38	—	113	86	—
23	1	1	—	—	—	—	—	—	—	—	—	—
19	11	11	—	—	—	—	—	—	—	—	—	—
18	1	1	—	—	—	—	—	—	—	—	—	—
17	8	7	—	—	1	—	5	5	—	—	—	—
16	39	2	—	32	5	—	46	4	—	27	15	—
15	—	—	—	—	—	—	2	—	—	—	—	—
12	167	14	—	82	71	—	184	27	—	86	71	—
										Total trips:		467
CHICAGO RIVER (MAIN AND NORTH BRANCH), IL												
	Upbound						Downbound					
Grand Total	1,341	—	—	270	1,044	27	1,404	2	—	282	1,112	8
FOREIGN												
Total	—	—	—	—	—	—	2	—	—	1	—	1
12	—	—	—	—	—	—	2	—	—	1	—	1
DOMESTIC												
Total	1,341	—	—	270	1,044	27	1,402	2	—	281	1,112	7
15	1	—	—	1	—	—	1	—	—	1	—	—
12	1,340	—	—	269	1,044	27	1,401	2	—	280	1,112	7
										Total trips:		2,745
CHICAGO RIVER, SOUTH BRANCH, IL												
	Upbound						Downbound					
Grand Total	3,112	2	—	785	2,319	6	2,921	—	—	764	2,128	29
FOREIGN												
Total	2	—	—	1	—	1	—	—	—	—	—	—
12	2	—	—	1	—	1	—	—	—	—	—	—
DOMESTIC												
Total	3,110	2	—	784	2,319	5	2,921	—	—	764	2,128	29
12	3,110	2	—	784	2,319	5	2,921	—	—	764	2,128	29
										Total trips:		6,033
LAKE CALUMET, IL												
	Upbound						Downbound					
Grand Total	1,404	17	3	707	666	11	1,255	17	3	682	542	11
FOREIGN												
Total	13	4	3	2	4	—	14	4	3	3	2	2
26	1	1	—	—	—	—	—	—	—	—	—	—
25	2	2	—	—	—	—	—	—	—	—	—	—
24	1	1	—	—	—	—	1	1	—	—	—	—
23	1	—	—	—	1	—	—	—	—	—	—	—
22	—	—	—	—	—	—	2	2	—	—	—	—
21	2	—	1	—	1	—	—	—	—	—	—	—

Trips and Drafts of Vessels, 2004
(draft in feet)

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

LAKE CALUMET, IL - continued

	Upbound						Downbound					
FOREIGN												
20	2	—	2	—	—	—	—	—	—	—	—	—
19	1	—	—	—	1	—	—	—	—	—	—	—
18	2	—	—	2	—	—	7	—	3	2	2	—
14	—	—	—	—	—	—	1	1	—	—	—	—
12	1	—	—	—	1	—	3	—	—	1	—	2
DOMESTIC												
Total	1,391	13	—	705	662	11	1,241	13	—	679	540	9
22	4	4	—	—	—	—	—	—	—	—	—	—
21	3	—	—	—	3	—	—	—	—	—	—	—
20	7	3	—	—	4	—	—	—	—	—	—	—
19	1	1	—	—	—	—	7	—	—	—	7	—
18	3	1	—	2	—	—	4	—	—	3	1	—
17	7	4	—	—	3	—	—	—	—	—	—	—
16	1	—	—	—	1	—	2	2	—	—	—	—
15	6	—	—	5	1	—	4	—	—	4	—	—
14	7	—	—	1	6	—	1	—	—	1	—	—
13	7	—	—	7	—	—	25	9	—	8	8	—
12	1,345	—	—	690	644	11	1,198	2	—	663	524	9
										Total trips:		2,659

CALUMET HARBOR AND RIVER, IL AND IN

	Upbound						Downbound					
Grand Total	8,148	340	4	3,476	4,140	188	7,067	366	4	2,792	3,729	176
FOREIGN												
Total	217	149	4	29	30	5	204	128	4	34	29	9
28	1	1	—	—	—	—	—	—	—	—	—	—
26	10	10	—	—	—	—	50	50	—	—	—	—
25	9	9	—	—	—	—	34	34	—	—	—	—
24	10	10	—	—	—	—	15	9	—	—	6	—
23	39	37	—	—	2	—	16	14	—	—	2	—
22	53	53	—	—	—	—	6	6	—	—	—	—
21	6	5	1	—	—	—	9	2	2	—	5	—
20	14	9	—	2	3	—	6	—	2	—	4	—
19	7	1	—	3	1	2	15	—	—	8	6	1
18	33	1	3	14	15	—	22	—	—	16	4	2
17	6	1	—	3	2	—	2	—	—	1	—	1
16	3	—	—	3	—	—	2	—	—	2	—	—
15	1	—	—	—	—	1	2	—	—	1	—	1
14	8	3	—	4	1	—	10	3	—	6	—	1
13	—	—	—	—	—	—	2	—	—	—	1	1
12	17	9	—	—	6	2	13	10	—	—	1	2
DOMESTIC												
Total	7,931	191	—	3,447	4,110	183	6,863	238	—	2,758	3,700	167
27	1	1	—	—	—	—	—	—	—	—	—	—
26	10	2	—	7	1	—	6	3	—	3	—	—
25	10	10	—	—	—	—	4	2	—	—	2	—
24	17	14	—	—	3	—	1	1	—	—	—	—
23	45	39	—	—	6	—	14	4	—	5	5	—
22	35	26	—	1	8	—	10	5	—	1	4	—
21	33	30	—	1	2	—	4	1	—	—	3	—
20	22	15	—	3	4	—	16	12	—	—	4	—
19	29	16	—	2	11	—	31	25	—	—	6	—
18	37	8	—	13	16	—	139	95	—	22	22	—
17	7	1	—	—	5	1	36	19	—	—	17	—
16	30	4	—	22	4	—	66	30	—	25	11	—
15	98	3	—	95	—	—	101	5	—	95	1	—
14	5	1	—	2	2	—	14	1	—	2	11	—
13	34	10	—	16	8	—	15	—	—	15	—	—
12	7,518	11	—	3,285	4,040	182	6,406	35	—	2,590	3,614	167
										Total trips:		15,215

Trips and Drafts of Vessels, 2004
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
PORT OF CHICAGO, IL												
	Inbound						Outbound					
Grand Total	16,941	841	4	5,872	8,565	1,659	16,798	835	4	5,942	8,363	1,654
FOREIGN												
Total	204	128	4	34	29	9	219	149	4	30	30	6
28	—	—	—	—	—	—	1	1	—	—	—	—
26	50	50	—	—	—	—	10	10	—	—	—	—
25	34	34	—	—	—	—	9	9	—	—	—	—
24	15	9	—	—	6	—	10	10	—	—	—	—
23	16	14	—	—	2	—	39	37	—	—	2	—
22	6	6	—	—	—	—	53	53	—	—	—	—
21	9	2	2	—	5	—	6	5	1	—	—	—
20	6	—	2	—	4	—	14	9	—	2	3	—
19	15	—	—	8	6	1	7	1	—	3	1	2
18	22	—	—	16	4	2	33	1	3	14	15	—
17	2	—	—	1	—	1	6	1	—	3	2	—
16	2	—	—	2	—	—	3	—	—	3	—	—
15	2	—	—	1	—	1	1	—	—	—	—	1
14	10	3	—	6	—	1	8	3	—	4	1	—
13	2	—	—	—	1	1	—	—	—	—	—	—
12	13	10	—	—	1	2	19	9	—	1	6	3
DOMESTIC												
Total	16,737	713	—	5,838	8,536	1,650	16,579	686	—	5,912	8,333	1,648
27	—	—	—	—	—	—	1	1	—	—	—	—
26	6	3	—	3	—	—	10	2	—	7	1	—
25	4	2	—	—	2	—	10	10	—	—	—	—
24	1	1	—	—	—	—	17	14	—	—	3	—
23	14	4	—	5	5	—	45	39	—	—	6	—
22	10	5	—	1	4	—	35	26	—	1	8	—
21	4	1	—	—	3	—	33	30	—	1	2	—
20	17	13	—	—	4	—	22	15	—	3	4	—
19	31	25	—	—	6	—	29	16	—	2	11	—
18	119	88	—	16	15	—	57	15	—	19	23	—
17	36	19	—	—	17	—	7	1	—	—	5	1
16	63	27	—	25	11	—	32	6	—	22	4	—
15	101	5	—	95	1	—	99	3	—	96	—	—
14	13	1	—	1	11	—	6	1	—	3	2	—
13	14	—	—	14	—	—	35	10	—	17	8	—
12	16,304	519	—	5,678	8,457	1,650	16,141	497	—	5,741	8,256	1,647
										Total trips:		33,739
INDIANA HARBOR, IN												
	Inbound						Outbound					
Grand Total	2,652	357	—	692	1,350	253	2,510	351	—	666	1,218	275
FOREIGN												
Total	44	31	—	7	5	1	32	25	—	3	3	1
26	24	24	—	—	—	—	2	2	—	—	—	—
25	5	5	—	—	—	—	—	—	—	—	—	—
23	2	2	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	17	17	—	—	—	—
21	—	—	—	—	—	—	1	1	—	—	—	—
20	—	—	—	—	—	—	1	1	—	—	—	—
19	—	—	—	—	—	—	2	2	—	—	—	—
18	—	—	—	—	—	—	2	2	—	—	—	—
17	2	—	—	2	—	—	2	—	—	1	1	—
16	1	—	—	1	—	—	3	—	—	1	2	—
15	2	—	—	1	—	1	—	—	—	—	—	—
14	3	—	—	2	1	—	1	—	—	1	—	—
13	2	—	—	1	1	—	—	—	—	—	—	—
12	3	—	—	—	3	—	1	—	—	—	—	1
DOMESTIC												
Total	2,608	326	—	685	1,345	252	2,478	326	—	663	1,215	274
31	1	—	—	—	1	—	—	—	—	—	—	—
30	55	38	—	—	17	—	—	—	—	—	—	—
29	29	29	—	—	—	—	1	—	—	—	1	—
28	52	41	—	—	11	—	—	—	—	—	—	—
27	120	117	—	—	3	—	7	7	—	—	—	—

Trips and Drafts of Vessels, 2004
(draft in feet)

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

INDIANA HARBOR, IN - continued

	Inbound						Outbound					
DOMESTIC												
26	81	56	—	20	5	—	20	1	—	19	—	—
25	13	11	—	—	2	—	3	3	—	—	—	—
24	11	9	—	—	2	—	4	4	—	—	—	—
23	6	6	—	—	—	—	67	67	—	—	—	—
22	17	4	—	13	—	—	34	4	—	12	18	—
21	1	1	—	—	—	—	8	8	—	—	—	—
20	8	8	—	—	—	—	69	69	—	—	—	—
19	1	—	—	—	—	1	115	86	—	—	2	27
18	4	1	—	—	1	2	69	58	—	1	1	9
17	5	2	—	1	1	1	34	1	—	—	2	31
16	30	2	—	7	—	21	81	4	—	18	—	59
15	70	—	—	68	—	2	76	2	—	72	—	2
14	1	—	—	—	1	—	2	—	—	—	—	2
13	1	—	—	1	—	—	3	—	—	2	—	1
12	2,102	1	—	575	1,301	225	1,885	12	—	539	1,191	143
										Total trips:		5,162

BURNS WATERWAY HARBOR, IN

	Inbound						Outbound					
Grand Total	1,015	257	—	275	460	23	1,042	261	—	262	494	25
FOREIGN												
Total	108	108	—	—	—	—	113	113	—	—	—	—
26	33	33	—	—	—	—	11	11	—	—	—	—
25	13	13	—	—	—	—	5	5	—	—	—	—
24	11	11	—	—	—	—	2	2	—	—	—	—
23	15	15	—	—	—	—	11	11	—	—	—	—
22	12	12	—	—	—	—	30	30	—	—	—	—
21	16	16	—	—	—	—	19	19	—	—	—	—
20	4	4	—	—	—	—	18	18	—	—	—	—
19	1	1	—	—	—	—	7	7	—	—	—	—
18	1	1	—	—	—	—	5	5	—	—	—	—
17	—	—	—	—	—	—	1	1	—	—	—	—
16	2	2	—	—	—	—	4	4	—	—	—	—

DOMESTIC

Total	907	149	—	275	460	23	929	148	—	262	494	25
31	1	1	—	—	—	—	—	—	—	—	—	—
28	21	21	—	—	—	—	21	21	—	—	—	—
27	46	46	—	—	—	—	40	40	—	—	—	—
26	36	34	—	—	2	—	19	19	—	—	—	—
25	25	24	—	—	1	—	1	1	—	—	—	—
24	10	6	—	2	2	—	4	2	—	—	2	—
23	3	3	—	—	—	—	1	—	—	—	1	—
22	1	—	—	1	—	—	5	3	—	1	1	—
21	2	2	—	—	—	—	3	3	—	—	—	—
20	2	2	—	—	—	—	7	7	—	—	—	—
19	9	3	—	—	6	—	6	5	—	—	1	—
18	1	1	—	—	—	—	25	21	—	2	2	—
17	3	—	—	—	3	—	13	10	—	—	3	—
16	2	2	—	—	—	—	6	6	—	—	—	—
15	37	—	—	37	—	—	41	2	—	39	—	—
14	1	—	—	—	1	—	6	1	—	—	5	—
13	11	—	—	7	—	4	7	—	—	7	—	—
12	696	4	—	228	445	19	724	7	—	213	479	25
										Total trips:		2,057

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

	Upbound						Downbound					
Grand Total	640	484	—	82	74	—	660	484	—	114	62	—
										Total trips:		1,300

Trips and Drafts of Vessels, 2004
(draft in feet)

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

MICHIGAN CITY HARBOR, IN
No Vessel Trips Reported

BUFFINGTON HARBOR, IN
(27 feet and less)

			Inbound						Outbound			
Grand Total	60	60	—	—	—	—	61	59	—	1	1	—
										Total trips:		121

GARY HARBOR, IN
(31 feet and less)

			Inbound						Outbound			
Grand Total	877	138	—	307	432	—	843	140	—	301	402	—
										Total trips:		1,720

Trips and Drafts of Vessels, 2004
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
TWO HARBORS (AGATE BAY), MN												
	Inbound						Outbound					
Grand Total	306	260	—	23	23	—	303	257	—	23	23	—
FOREIGN												
Total	17	17	—	—	—	—	4	4	—	—	—	—
26	1	1	—	—	—	—	3	3	—	—	—	—
24	5	5	—	—	—	—	—	—	—	—	—	—
23	5	5	—	—	—	—	1	1	—	—	—	—
22	2	2	—	—	—	—	—	—	—	—	—	—
20	4	4	—	—	—	—	—	—	—	—	—	—
DOMESTIC												
Total	289	243	—	23	23	—	299	253	—	23	23	—
31	—	—	—	—	—	—	36	36	—	—	—	—
30	—	—	—	—	—	—	3	3	—	—	—	—
29	—	—	—	—	—	—	27	9	—	—	18	—
28	—	—	—	—	—	—	30	26	—	—	4	—
27	—	—	—	—	—	—	90	89	—	—	1	—
26	57	57	—	—	—	—	73	73	—	—	—	—
25	23	—	—	—	23	—	13	13	—	—	—	—
24	—	—	—	—	—	—	1	1	—	—	—	—
23	30	30	—	—	—	—	1	1	—	—	—	—
22	3	3	—	—	—	—	—	—	—	—	—	—
20	62	39	—	23	—	—	23	—	—	23	—	—
19	67	67	—	—	—	—	2	2	—	—	—	—
18	23	23	—	—	—	—	—	—	—	—	—	—
17	1	1	—	—	—	—	—	—	—	—	—	—
16	8	8	—	—	—	—	—	—	—	—	—	—
15	4	4	—	—	—	—	—	—	—	—	—	—
14	1	1	—	—	—	—	—	—	—	—	—	—
12	10	10	—	—	—	—	—	—	—	—	—	—
											Total trips:	609

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
DULUTH-SUPERIOR HARBOR, MN AND WI												
	Inbound						Outbound					
Grand Total	1,131	1,032	1	45	48	5	1,138	1,040	1	44	48	5
FOREIGN												
Total	435	414	1	10	10	—	447	425	1	10	11	—
31	—	—	—	—	—	—	1	1	—	—	—	—
27	1	1	—	—	—	—	65	64	—	—	—	—
26	2	2	—	—	—	—	310	300	—	—	10	—
25	15	15	—	—	—	—	29	29	—	—	—	—
24	43	43	—	—	—	—	5	5	—	—	—	—
23	141	140	—	1	—	—	8	8	—	—	—	—
22	44	44	—	—	—	—	4	4	—	—	—	—
21	76	76	—	—	—	—	—	—	—	—	—	—
20	62	62	—	—	—	—	3	3	—	—	—	—
19	6	6	—	—	—	—	1	1	—	—	—	—
18	14	7	1	5	1	—	9	3	1	5	—	—
17	9	5	—	4	—	—	5	—	—	5	—	—
16	5	5	—	—	—	—	5	5	—	—	—	—
15	11	4	—	—	7	—	—	—	—	—	—	—
14	4	2	—	—	2	—	1	1	—	—	—	—
12	2	2	—	—	—	—	1	1	—	—	—	—
DOMESTIC												
Total	696	618	—	35	38	5	691	615	—	34	37	5
31	—	—	—	—	—	—	15	14	—	—	1	—
30	—	—	—	—	—	—	3	1	—	—	2	—
29	6	6	—	—	—	—	14	—	—	—	14	—
28	33	28	—	—	5	—	63	55	—	—	8	—
27	48	48	—	—	—	—	231	226	—	—	5	—
26	82	72	—	10	—	—	113	101	—	9	3	—
25	68	55	—	—	13	—	21	20	—	—	1	—
24	15	12	—	—	3	—	4	4	—	—	—	—
23	145	145	—	—	—	—	7	7	—	—	—	—
22	60	48	—	5	7	—	15	11	—	3	1	—
21	10	10	—	—	—	—	30	30	—	—	—	—
20	30	14	—	16	—	—	37	19	—	18	—	—

Trips and Drafts of Vessels, 2004
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
DULUTH-SUPERIOR HARBOR, MN AND WI - continued												
	Inbound						Outbound					
DOMESTIC												
19	44	44	—	—	—	—	53	53	—	—	—	—
18	54	54	—	—	—	—	27	27	—	—	—	—
17	10	10	—	—	—	—	7	7	—	—	—	—
16	5	5	—	—	—	—	1	1	—	—	—	—
15	4	4	—	—	—	—	4	4	—	—	—	—
14	6	4	—	—	—	2	4	4	—	—	—	—
13	2	1	—	—	—	1	2	2	—	—	—	—
12	74	58	—	4	10	2	40	29	—	4	2	5
										Total trips:		2,269
TACONITE HARBOR, MN												
	Inbound						Outbound					
Grand Total	25	23	—	1	1	—	24	22	—	1	1	—
DOMESTIC												
Total	25	23	—	1	1	—	24	22	—	1	1	—
28	2	2	—	—	—	—	—	—	—	—	—	—
27	4	4	—	—	—	—	5	5	—	—	—	—
26	7	7	—	—	—	—	—	—	—	—	—	—
25	2	2	—	—	—	—	—	—	—	—	—	—
23	4	4	—	—	—	—	14	14	—	—	—	—
22	2	1	—	1	—	—	1	—	—	1	—	—
19	2	2	—	—	—	—	—	—	—	—	—	—
18	1	1	—	—	—	—	4	3	—	—	1	—
9	1	—	—	—	1	—	—	—	—	—	—	—
										Total trips:		49
PRESQUE ISLE HARBOR, MI												
	Inbound						Outbound					
Grand Total	372	352	—	10	10	—	382	362	—	10	10	—
FOREIGN												
Total	148	148	—	—	—	—	110	110	—	—	—	—
24	5	5	—	—	—	—	—	—	—	—	—	—
23	14	14	—	—	—	—	77	77	—	—	—	—
22	21	21	—	—	—	—	32	32	—	—	—	—
21	71	71	—	—	—	—	—	—	—	—	—	—
20	21	21	—	—	—	—	—	—	—	—	—	—
19	13	13	—	—	—	—	—	—	—	—	—	—
17	3	3	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	1	1	—	—	—	—
DOMESTIC												
Total	224	204	—	10	10	—	272	252	—	10	10	—
31	—	—	—	—	—	—	2	—	—	—	2	—
30	—	—	—	—	—	—	7	—	—	—	7	—
28	—	—	—	—	—	—	2	2	—	—	—	—
27	10	10	—	—	—	—	104	104	—	—	—	—
26	18	9	—	9	—	—	58	49	—	9	—	—
25	4	4	—	—	—	—	10	10	—	—	—	—
24	3	3	—	—	—	—	3	1	—	1	1	—
23	21	21	—	—	—	—	26	26	—	—	—	—
22	15	6	—	—	9	—	1	1	—	—	—	—
21	4	4	—	—	—	—	3	3	—	—	—	—
20	1	1	—	—	—	—	12	12	—	—	—	—
19	7	7	—	—	—	—	20	20	—	—	—	—
18	89	87	—	1	1	—	23	23	—	—	—	—
17	31	31	—	—	—	—	—	—	—	—	—	—
15	10	10	—	—	—	—	1	1	—	—	—	—
14	3	3	—	—	—	—	—	—	—	—	—	—
12	8	8	—	—	—	—	—	—	—	—	—	—
										Total trips:		754

Trips and Drafts of Vessels, 2004
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
MARQUETTE HARBOR, MI												
				Inbound						Outbound		
Grand Total	71	64	—	3	4	—	68	59	—	4	5	—
FOREIGN												
Total	8	8	—	—	—	—	1	1	—	—	—	—
23	3	3	—	—	—	—	—	—	—	—	—	—
22	2	2	—	—	—	—	—	—	—	—	—	—
21	2	2	—	—	—	—	—	—	—	—	—	—
12	1	1	—	—	—	—	1	1	—	—	—	—
DOMESTIC												
Total	63	56	—	3	4	—	67	58	—	4	5	—
27	—	—	—	—	—	—	6	1	—	—	5	—
26	2	2	—	—	—	—	1	1	—	—	—	—
25	9	9	—	—	—	—	—	—	—	—	—	—
24	11	11	—	—	—	—	—	—	—	—	—	—
23	12	12	—	—	—	—	—	—	—	—	—	—
22	9	6	—	3	—	—	4	—	—	4	—	—
21	13	13	—	—	—	—	1	1	—	—	—	—
20	3	3	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	10	10	—	—	—	—
18	—	—	—	—	—	—	24	24	—	—	—	—
17	—	—	—	—	—	—	3	3	—	—	—	—
14	—	—	—	—	—	—	5	5	—	—	—	—
12	4	—	—	—	4	—	13	13	—	—	—	—
										Total trips:		139

SAULT STE. MARIE, MI												
				Inbound						Outbound		
Grand Total	38,291	38,281	—	9	1	—	37,305	37,292	—	10	3	—
FOREIGN												
Total	58	51	—	6	1	—	61	51	—	7	3	—
26	—	—	—	—	—	—	1	1	—	—	—	—
25	2	2	—	—	—	—	1	1	—	—	—	—
24	—	—	—	—	—	—	3	3	—	—	—	—
23	2	2	—	—	—	—	14	14	—	—	—	—
22	5	5	—	—	—	—	6	6	—	—	—	—
21	3	3	—	—	—	—	2	2	—	—	—	—
20	1	1	—	—	—	—	1	1	—	—	—	—
19	3	3	—	—	—	—	—	—	—	—	—	—
18	11	11	—	—	—	—	2	2	—	—	—	—
17	2	2	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	1	—	—	—	1	—
15	1	—	—	1	—	—	1	—	—	1	—	—
14	1	—	—	1	—	—	2	—	—	2	—	—
12	4	4	—	—	—	—	4	4	—	—	—	—
10	16	16	—	—	—	—	15	15	—	—	—	—
9	2	2	—	—	—	—	2	2	—	—	—	—
5	1	—	—	1	—	—	1	—	—	1	—	—
3	4	—	—	3	1	—	5	—	—	3	2	—
DOMESTIC												
Total	38,233	38,230	—	3	—	—	37,244	37,241	—	3	—	—
11	1	—	—	1	—	—	1	—	—	1	—	—
10	2	—	—	2	—	—	2	—	—	2	—	—
7	38,230	38,230	—	—	—	—	37,241	37,241	—	—	—	—
										Total trips:		75,596

DRUMMOND ISLAND, MI												
				Inbound						Outbound		
Grand Total	19,985	19,975	—	2	8	—	19,293	19,283	—	2	8	—
FOREIGN												
Total	20	20	—	—	—	—	18	18	—	—	—	—
25	—	—	—	—	—	—	3	3	—	—	—	—

Trips and Drafts of Vessels, 2004
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
DRUMMOND ISLAND, MI - continued												
	Inbound						Outbound					
FOREIGN												
24	—	—	—	—	—	—	1	1	—	—	—	—
23	1	1	—	—	—	—	4	4	—	—	—	—
22	—	—	—	—	—	—	6	6	—	—	—	—
21	3	3	—	—	—	—	1	1	—	—	—	—
20	3	3	—	—	—	—	2	2	—	—	—	—
19	12	12	—	—	—	—	1	1	—	—	—	—
18	1	1	—	—	—	—	—	—	—	—	—	—
DOMESTIC												
Total	19,965	19,955	—	2	8	—	19,275	19,265	—	2	8	—
26	—	—	—	—	—	—	2	2	—	—	—	—
25	—	—	—	—	—	—	36	32	—	—	4	—
24	—	—	—	—	—	—	8	7	—	—	1	—
23	—	—	—	—	—	—	18	14	—	2	2	—
22	1	1	—	—	—	—	6	6	—	—	—	—
21	—	—	—	—	—	—	1	1	—	—	—	—
20	—	—	—	—	—	—	1	1	—	—	—	—
19	33	33	—	—	—	—	—	—	—	—	—	—
18	7	3	—	2	2	—	1	—	—	—	1	—
17	6	1	—	—	5	—	3	3	—	—	—	—
16	14	14	—	—	—	—	1	1	—	—	—	—
14	4	4	—	—	—	—	—	—	—	—	—	—
12	19,900	19,899	—	—	1	—	19,198	19,198	—	—	—	—
											Total trips:	39,278

ST. MARYS RIVER, MI												
Grand Total	Upbound						Downbound					
	65,849	65,471	1	187	183	7	65,591	65,236	2	175	172	6
FOREIGN												
Total	1,246	1,039	1	112	91	3	1,073	868	2	104	97	2
31	—	—	—	—	—	—	1	1	—	—	—	—
28	2	2	—	—	—	—	—	—	—	—	—	—
27	1	1	—	—	—	—	67	66	—	—	1	—
26	10	10	—	—	—	—	395	384	—	—	11	—
25	37	35	—	—	2	—	122	109	—	—	13	—
24	65	64	—	1	—	—	43	35	—	—	8	—
23	227	223	—	1	3	—	132	109	—	—	23	—
22	193	193	—	—	—	—	79	71	—	—	8	—
21	216	213	—	1	2	—	40	30	—	1	9	—
20	131	128	—	2	1	—	18	11	—	2	5	—
19	65	50	—	8	7	—	45	12	—	30	3	—
18	134	58	1	59	16	—	43	5	1	33	4	—
17	32	17	—	10	3	2	19	3	—	15	—	1
16	12	6	—	2	4	—	21	11	—	8	2	—
15	18	5	—	7	6	—	6	—	1	5	—	—
14	45	2	—	7	36	—	7	—	—	4	2	1
13	3	—	—	—	3	—	1	—	—	—	1	—
12	55	32	—	14	8	1	34	21	—	6	7	—
DOMESTIC												
Total	64,603	64,432	—	75	92	4	64,518	64,368	—	71	75	4
31	—	—	—	—	—	—	53	50	—	—	3	—
30	—	—	—	—	—	—	13	4	—	—	9	—
29	6	6	—	—	—	—	41	9	—	—	32	—
28	28	23	—	—	5	—	101	89	—	—	12	—
27	50	50	—	—	—	—	444	432	—	—	12	—
26	153	135	—	18	—	—	322	301	—	18	3	—
25	137	98	—	—	39	—	56	56	—	—	—	—
24	31	27	—	—	4	—	9	7	—	1	1	—
23	190	186	—	2	2	—	3	3	—	—	—	—
22	91	66	—	9	16	—	19	11	—	8	—	—
21	30	30	—	—	—	—	17	17	—	—	—	—
20	89	51	—	38	—	—	77	36	—	40	1	—
19	115	115	—	—	—	—	48	47	—	—	1	—
18	170	163	—	3	4	—	11	10	—	—	1	—
17	74	69	—	—	5	—	1	1	—	—	—	—
16	29	29	—	—	—	—	—	—	—	—	—	—

Trips and Drafts of Vessels, 2004
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
ST. MARYS RIVER, MI - continued												
	Upbound						Downbound					
DOMESTIC												
15	25	25	—	—	—	—	1	1	—	—	—	—
14	10	8	—	—	—	2	1	1	—	—	—	—
13	2	1	—	—	—	1	2	2	—	—	—	—
12	63,373	63,350	—	5	17	1	63,299	63,291	—	4	—	4
										Total trips:		131,440

ST. MARYS FALLS CANAL, MI AND SAULT STE. MARIE, ONTARIO SHIP CANAL, CN (INCLUDED IN ST. MARYS RIVER)												
Grand Total	Upbound						Downbound					
	2,036	1,744	1	143	143	5	1,992	1,698	2	142	144	6
FOREIGN												
Total	852	711	1	72	67	1	748	604	2	71	69	2
31	—	—	—	—	—	—	1	1	—	—	—	—
28	1	1	—	—	—	—	—	—	—	—	—	—
27	1	1	—	—	—	—	66	65	—	—	1	—
26	8	8	—	—	—	—	338	328	—	—	10	—
25	21	19	—	—	2	—	60	47	—	—	13	—
24	58	57	—	1	—	—	13	11	—	—	2	—
23	181	177	—	1	3	—	110	89	—	—	21	—
22	103	103	—	—	—	—	57	50	—	—	7	—
21	169	168	—	—	1	—	8	1	—	—	7	—
20	108	107	—	—	1	—	7	2	—	—	5	—
19	29	28	—	—	1	—	25	2	—	22	1	—
18	85	15	1	56	13	—	34	2	1	30	1	—
17	14	11	—	3	—	—	8	—	—	7	—	1
16	7	6	—	1	—	—	12	5	—	7	—	—
15	15	5	—	4	6	—	4	—	1	3	—	—
14	42	2	—	4	36	—	2	—	—	1	—	1
13	3	—	—	—	3	—	—	—	—	—	—	—
12	7	3	—	2	1	1	3	1	—	1	1	—

DOMESTIC												
Total	1,184	1,033	—	71	76	4	1,244	1,094	—	71	75	4
31	—	—	—	—	—	—	53	50	—	—	3	—
30	—	—	—	—	—	—	13	4	—	—	9	—
29	6	6	—	—	—	—	41	9	—	—	32	—
28	28	23	—	—	5	—	101	89	—	—	12	—
27	50	50	—	—	—	—	444	432	—	—	12	—
26	151	133	—	18	—	—	322	301	—	18	3	—
25	104	69	—	—	35	—	56	56	—	—	—	—
24	29	26	—	—	3	—	9	7	—	1	1	—
23	174	174	—	—	—	—	3	3	—	—	—	—
22	87	62	—	9	16	—	19	11	—	8	—	—
21	30	30	—	—	—	—	17	17	—	—	—	—
20	88	50	—	38	—	—	77	36	—	40	1	—
19	81	81	—	—	—	—	48	47	—	—	1	—
18	162	160	—	1	1	—	11	10	—	—	1	—
17	65	65	—	—	—	—	1	1	—	—	—	—
16	14	14	—	—	—	—	—	—	—	—	—	—
15	25	25	—	—	—	—	1	1	—	—	—	—
14	6	4	—	—	—	2	1	1	—	—	—	—
13	2	1	—	—	—	1	2	2	—	—	—	—
12	82	60	—	5	16	1	25	17	—	4	—	4
										Total trips:		4,028

GRAYS REEF PASSAGE, MI												
Grand Total	Upbound						Downbound					
	1,099	634	1	201	155	108	864	435	2	199	133	95
FOREIGN												
Total	48	33	—	8	7	—	28	15	—	7	6	—
24	1	1	—	—	—	—	—	—	—	—	—	—
23	2	2	—	—	—	—	1	1	—	—	—	—
22	17	17	—	—	—	—	2	2	—	—	—	—
21	7	6	—	—	1	—	—	—	—	—	—	—

Trips and Drafts of Vessels, 2004
(draft in feet)

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

GRAYS REEF PASSAGE, MI - continued

	Upbound						Downbound					
FOREIGN												
20	—	—	—	—	—	—	5	5	—	—	—	—
19	6	—	—	—	—	6	1	1	—	—	—	—
18	4	4	—	—	—	—	1	—	—	—	1	—
17	9	2	—	—	7	—	7	—	—	7	—	—
16	—	—	—	—	—	—	6	6	—	—	—	—
12	2	1	—	—	1	—	5	—	—	—	5	—
DOMESTIC												
Total	1,051	601	1	193	148	108	836	420	2	192	127	95
25	37	21	—	—	16	—	95	89	—	—	6	—
24	28	18	—	2	8	—	54	38	—	2	14	—
23	89	89	—	—	—	—	80	65	—	5	10	—
22	41	20	—	8	13	—	64	47	—	9	8	—
21	28	26	—	—	2	—	36	34	—	—	1	1
20	63	43	—	15	5	—	49	21	—	16	12	—
19	165	161	—	—	2	2	78	32	—	1	35	10
18	94	51	1	19	16	7	38	20	—	4	9	5
17	65	19	—	2	19	25	24	14	—	2	6	2
16	186	36	—	59	42	49	97	11	—	62	3	21
15	31	7	—	23	—	1	24	1	—	22	—	1
14	29	4	—	1	15	9	8	4	—	1	2	1
13	26	1	—	17	—	8	56	28	1	18	9	—
12	169	105	—	47	10	7	133	16	1	50	12	54
										Total trips:		1,963

CHARLEVOIX HARBOR, MI

	Inbound						Outbound					
Grand Total	558	447	—	59	52	—	583	463	—	60	60	—
FOREIGN												
Total	28	15	—	7	6	—	23	9	—	7	7	—
23	1	1	—	—	—	—	2	2	—	—	—	—
22	2	2	—	—	—	—	1	1	—	—	—	—
21	—	—	—	—	—	—	6	5	—	—	1	—
20	5	5	—	—	—	—	—	—	—	—	—	—
19	1	1	—	—	—	—	6	—	—	—	6	—
18	1	—	—	—	1	—	—	—	—	—	—	—
17	7	—	—	7	—	—	8	1	—	7	—	—
16	6	6	—	—	—	—	—	—	—	—	—	—
10	5	—	—	—	5	—	—	—	—	—	—	—
DOMESTIC												
Total	530	432	—	52	46	—	560	454	—	53	53	—
23	2	2	—	—	—	—	—	—	—	—	—	—
22	1	1	—	—	—	—	4	4	—	—	—	—
21	2	2	—	—	—	—	11	7	—	—	4	—
20	—	—	—	—	—	—	42	8	—	—	34	—
19	—	—	—	—	—	—	6	6	—	—	—	—
18	12	—	—	12	—	—	21	10	—	11	—	—
17	—	—	—	—	—	—	25	18	—	—	7	—
16	5	5	—	—	—	—	16	9	—	—	7	—
15	—	—	—	—	—	—	1	1	—	—	—	—
14	—	—	—	—	—	—	4	3	—	—	1	—
13	86	40	—	—	46	—	2	1	—	1	—	—
12	—	—	—	—	—	—	5	5	—	—	—	—
9	40	—	—	40	—	—	41	—	—	41	—	—
8	381	381	—	—	—	—	382	382	—	—	—	—
7	1	1	—	—	—	—	—	—	—	—	—	—
										Total trips:		1,141

Trips and Drafts of Vessels, 2004
(draft in feet)

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

MANISTEE HARBOR, MI

	Inbound						Outbound					
Grand Total	114	25	16	31	12	30	111	24	16	29	12	30

FOREIGN

Total	82	6	15	31	—	30	80	5	16	29	—	30
27	1	1	—	—	—	—	—	—	—	—	—	—
23	2	2	—	—	—	—	—	—	—	—	—	—
22	1	1	—	—	—	—	4	4	—	—	—	—
21	2	—	1	—	—	1	22	—	7	—	—	15
20	7	1	6	—	—	—	12	—	5	—	—	7
19	5	—	5	—	—	—	9	—	4	—	—	5
18	14	—	—	14	—	—	17	1	—	14	—	2
17	3	—	—	3	—	—	4	—	—	3	—	1
16	6	—	—	6	—	—	5	—	—	5	—	—
15	9	—	3	5	—	1	5	—	—	5	—	—
14	18	—	—	1	—	17	1	—	—	1	—	—
13	3	—	—	—	—	3	—	—	—	—	—	—
12	11	1	—	2	—	8	1	—	—	1	—	—

DOMESTIC

Total	32	19	1	—	12	—	31	19	—	—	12	—
23	6	1	—	—	5	—	—	—	—	—	—	—
22	12	5	—	—	7	—	—	—	—	—	—	—
21	5	5	—	—	—	—	—	—	—	—	—	—
20	3	3	—	—	—	—	—	—	—	—	—	—
19	4	4	—	—	—	—	2	2	—	—	—	—
18	—	—	—	—	—	—	1	1	—	—	—	—
17	1	1	—	—	—	—	13	1	—	—	12	—
16	—	—	—	—	—	—	7	7	—	—	—	—
15	—	—	—	—	—	—	4	4	—	—	—	—
12	1	—	1	—	—	—	4	4	—	—	—	—
Total trips:											225	

LUDINGTON HARBOR, MI

	Inbound						Outbound					
Grand Total	138	10	—	76	6	46	138	9	—	72	5	52

FOREIGN

Total	18	—	—	9	—	9	20	—	—	10	—	10
17	1	—	—	—	—	1	7	—	—	—	—	7
16	—	—	—	—	—	—	1	—	—	—	—	1
15	5	—	—	5	—	—	4	—	—	3	—	1
14	4	—	—	4	—	—	7	—	—	6	—	1
12	8	—	—	—	—	8	1	—	—	1	—	—

DOMESTIC

Total	120	10	—	67	6	37	118	9	—	62	5	42
26	1	1	—	—	—	—	—	—	—	—	—	—
23	4	4	—	—	—	—	—	—	—	—	—	—
20	1	1	—	—	—	—	1	1	—	—	—	—
19	4	—	—	—	4	—	1	1	—	—	—	—
18	—	—	—	—	—	—	2	2	—	—	—	—
17	2	1	—	—	1	—	2	1	—	—	1	—
16	2	2	—	—	—	—	—	—	—	—	—	—
15	3	1	—	2	—	—	3	1	—	2	—	—
14	4	—	—	3	1	—	13	—	—	2	4	7
13	5	—	—	5	—	—	17	—	—	4	—	13
12	94	—	—	57	—	37	79	3	—	54	—	22
Total trips:											276	

MUSKEGON HARBOR, MI

	Inbound						Outbound					
Grand Total	187	145	—	25	13	4	181	138	—	24	16	3

FOREIGN

Total	34	26	—	5	—	3	36	26	—	7	—	3
25	8	8	—	—	—	—	2	2	—	—	—	—

Trips and Drafts of Vessels, 2004
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
MUSKEGON HARBOR, MI - continued												
	Inbound						Outbound					
FOREIGN												
24	8	8	—	—	—	—	—	—	—	—	—	—
23	5	5	—	—	—	—	1	1	—	—	—	—
22	4	4	—	—	—	—	13	13	—	—	—	—
21	—	—	—	—	—	—	3	2	—	—	—	1
20	1	1	—	—	—	—	4	4	—	—	—	—
19	—	—	—	—	—	—	1	1	—	—	—	—
18	3	—	—	2	—	1	4	2	—	2	—	—
16	2	—	—	2	—	—	3	—	—	2	—	1
14	1	—	—	1	—	—	2	—	—	2	—	—
12	2	—	—	—	—	2	3	1	—	1	—	1
DOMESTIC												
Total	153	119	—	20	13	1	145	112	—	17	16	—
27	15	15	—	—	—	—	—	—	—	—	—	—
26	7	7	—	—	—	—	—	—	—	—	—	—
25	16	16	—	—	—	—	2	2	—	—	—	—
24	10	10	—	—	—	—	—	—	—	—	—	—
23	8	7	—	—	1	—	5	5	—	—	—	—
22	14	13	—	—	1	—	6	6	—	—	—	—
21	8	8	—	—	—	—	3	2	—	—	1	—
20	9	7	—	—	2	—	13	13	—	—	—	—
19	16	11	—	—	5	—	8	8	—	—	—	—
18	4	1	—	1	2	—	18	16	—	1	1	—
17	7	5	—	—	2	—	10	7	—	—	3	—
16	17	5	—	12	—	—	24	7	—	11	6	—
15	2	2	—	—	—	—	3	3	—	—	—	—
14	1	1	—	—	—	—	5	—	—	—	5	—
13	7	—	—	7	—	—	5	—	—	5	—	—
12	12	11	—	—	—	1	43	43	—	—	—	—
										Total trips:		368

GRAND HAVEN HARBOR AND GRAND RIVER, MI												
Grand Total	Upbound						Downbound					
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
Grand Total	176	94	—	29	53	—	170	94	—	30	46	—
FOREIGN												
Total	52	50	—	1	1	—	53	51	—	1	1	—
25	4	4	—	—	—	—	—	—	—	—	—	—
24	7	7	—	—	—	—	—	—	—	—	—	—
23	6	6	—	—	—	—	—	—	—	—	—	—
22	11	10	—	—	1	—	11	11	—	—	—	—
21	11	11	—	—	—	—	8	8	—	—	—	—
20	10	10	—	—	—	—	4	4	—	—	—	—
19	2	2	—	—	—	—	5	5	—	—	—	—
18	—	—	—	—	—	—	20	20	—	—	—	—
17	1	—	—	1	—	—	4	3	—	1	—	—
15	—	—	—	—	—	—	1	—	—	—	1	—
DOMESTIC												
Total	124	44	—	28	52	—	117	43	—	29	45	—
25	1	1	—	—	—	—	—	—	—	—	—	—
24	10	3	—	—	7	—	—	—	—	—	—	—
23	2	1	—	—	1	—	7	—	—	—	7	—
22	5	5	—	—	—	—	4	—	—	—	4	—
21	4	4	—	—	—	—	5	5	—	—	—	—
19	19	10	—	—	9	—	12	12	—	—	—	—
20	16	2	—	—	14	—	4	4	—	—	—	—
18	6	3	—	2	1	—	3	1	—	2	—	—
17	13	1	—	—	12	—	7	2	—	—	5	—
16	6	5	—	—	1	—	2	2	—	—	—	—
15	—	—	—	—	—	—	1	1	—	—	—	—
14	—	—	—	—	—	—	16	2	—	—	14	—
13	25	7	—	14	4	—	32	5	—	14	13	—
12	17	2	—	12	3	—	24	9	—	13	2	—
										Total trips:		346

Trips and Drafts of Vessels, 2004
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
HOLLAND HARBOR, MI												
				Inbound						Outbound		
Grand Total	90	31	—	33	26	—	87	31	—	30	26	—
FOREIGN												
Total	2	2	—	—	—	—	2	2	—	—	—	—
23	2	2	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	2	2	—	—	—	—
DOMESTIC												
Total	88	29	—	33	26	—	85	29	—	30	26	—
25	1	1	—	—	—	—	—	—	—	—	—	—
24	1	1	—	—	—	—	—	—	—	—	—	—
23	2	1	—	—	1	—	—	—	—	—	—	—
22	4	4	—	—	—	—	—	—	—	—	—	—
21	6	6	—	—	—	—	—	—	—	—	—	—
20	4	4	—	—	—	—	6	6	—	—	—	—
19	17	5	—	—	12	—	7	—	—	—	7	—
18	4	—	—	—	4	—	1	1	—	—	—	—
17	2	—	—	—	2	—	5	3	—	—	2	—
16	—	—	—	—	—	—	11	11	—	—	—	—
15	6	2	—	4	—	—	6	3	—	3	—	—
14	7	—	—	—	7	—	17	—	—	—	17	—
13	23	—	—	23	—	—	21	—	—	21	—	—
12	5	5	—	—	—	—	5	5	—	—	—	—
10	6	—	—	6	—	—	6	—	—	6	—	—
										Total trips:		177

ST. JOSEPH HARBOR, MI												
				Upbound						Downbound		
Grand Total	89	44	—	20	25	—	87	44	—	19	24	—
DOMESTIC												
Total	89	44	—	20	25	—	87	44	—	19	24	—
25	1	1	—	—	—	—	—	—	—	—	—	—
23	15	4	—	—	11	—	—	—	—	—	—	—
22	6	2	—	—	4	—	—	—	—	—	—	—
21	8	7	—	—	1	—	—	—	—	—	—	—
19	5	4	—	—	1	—	—	—	—	—	—	—
18	5	3	—	—	2	—	1	1	—	—	—	—
17	6	1	—	—	5	—	21	5	—	—	16	—
16	19	—	—	18	1	—	34	10	—	17	7	—
15	—	—	—	—	—	—	1	1	—	—	—	—
14	—	—	—	—	—	—	1	—	—	—	1	—
13	1	—	—	1	—	—	1	—	—	1	—	—
12	23	22	—	1	—	—	28	27	—	1	—	—
										Total trips:		176

CHEBOYGAN HARBOR, MI												
				Inbound						Outbound		
Grand Total	876	798	2	26	4	46	860	798	5	19	5	33
FOREIGN												
Total	—	—	—	—	—	—	10	—	2	4	1	3
16	—	—	—	—	—	—	1	—	—	—	—	1
15	—	—	—	—	—	—	2	—	2	—	—	—
14	—	—	—	—	—	—	5	—	—	4	—	1
10	—	—	—	—	—	—	1	—	—	—	—	1
4	—	—	—	—	—	—	1	—	—	—	1	—
DOMESTIC												
Total	876	798	2	26	4	46	850	798	3	15	4	30
21	1	1	—	—	—	—	—	—	—	—	—	—
19	1	—	—	—	—	1	—	—	—	—	—	—
18	9	—	2	—	—	7	4	—	—	—	—	4
17	9	—	—	2	—	7	2	—	—	1	—	1

Trips and Drafts of Vessels, 2004
(draft in feet)

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

CHEBOYGAN HARBOR, MI - continued

Inbound							Outbound					
DOMESTIC												
16	51	—	—	21	—	30	37	1	—	11	—	25
15	1	—	—	—	—	1	—	—	—	—	—	—
12	—	—	—	—	—	—	3	—	3	—	—	—
7	2	—	—	2	—	—	2	—	—	2	—	—
6	798	797	—	1	—	—	798	797	—	1	—	—
2	1	—	—	—	1	—	1	—	—	—	1	—
1	3	—	—	—	3	—	3	—	—	—	3	—
Total trips:											1,736	

MILWAUKEE HARBOR, WI

Inbound							Outbound					
Grand Total	599	198	—	212	161	28	626	196	—	209	193	28
FOREIGN												
Total	109	101	—	4	4	—	111	103	—	4	4	—
26	12	12	—	—	—	—	7	7	—	—	—	—
25	34	34	—	—	—	—	6	6	—	—	—	—
24	12	12	—	—	—	—	7	7	—	—	—	—
23	11	11	—	—	—	—	14	14	—	—	—	—
22	13	12	—	—	1	—	38	38	—	—	—	—
21	9	6	—	—	3	—	10	10	—	—	—	—
20	7	7	—	—	—	—	8	7	—	—	1	—
19	3	3	—	—	—	—	7	6	—	—	1	—
18	6	2	—	4	—	—	6	—	4	4	2	—
16	—	—	—	—	—	—	5	5	—	—	—	—
15	—	—	—	—	—	—	1	1	—	—	—	—
12	2	2	—	—	—	—	2	2	—	—	—	—
Total trips:											1,225	
DOMESTIC												
Total	490	97	—	208	157	28	515	93	—	205	189	28
26	1	1	—	—	—	—	1	1	—	—	—	—
25	1	—	—	—	1	—	—	—	—	—	—	—
24	4	3	—	—	1	—	—	—	—	—	—	—
23	19	19	—	—	—	—	—	—	—	—	—	—
18	17	17	—	—	1	—	1	1	—	—	—	—
21	11	8	—	1	2	—	—	—	—	—	—	—
20	22	3	—	2	17	—	—	—	—	—	—	—
19	23	3	—	1	19	—	2	2	—	—	—	—
18	31	4	—	15	12	—	57	25	—	19	13	—
17	16	8	—	1	3	4	—	—	—	—	—	—
16	72	2	—	44	2	24	70	10	—	44	16	—
15	11	2	—	9	—	—	8	—	—	8	—	—
14	3	3	—	—	—	—	2	—	—	—	2	—
13	16	11	—	2	3	—	32	19	—	2	11	—
12	242	13	—	133	96	—	342	35	—	132	147	28

MANITOWOC HARBOR, WI

Inbound							Outbound					
Grand Total	80	14	—	42	24	—	76	10	—	30	36	—
DOMESTIC												
Total	80	14	—	42	24	—	76	10	—	30	36	—
26	2	2	—	—	—	—	—	—	—	—	—	—
25	1	1	—	—	—	—	—	—	—	—	—	—
23	2	2	—	—	—	—	—	—	—	—	—	—
21	1	1	—	—	—	—	—	—	—	—	—	—
20	12	1	—	—	11	—	—	—	—	—	—	—
19	—	—	—	—	—	—	6	4	—	—	2	—
18	2	—	—	2	—	—	2	—	—	2	—	—
17	1	—	—	—	1	—	—	—	—	—	—	—
16	—	—	—	—	—	—	2	2	—	—	—	—
14	2	—	—	—	2	—	—	—	—	—	—	—
13	10	7	—	2	1	—	19	4	—	2	13	—
12	47	—	—	38	9	—	47	—	—	26	21	—
Total trips:											156	

Trips and Drafts of Vessels, 2004
(draft in feet)

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

GREEN BAY HARBOR, WI

	Upbound						Downbound					
Grand Total	306	155	—	76	65	10	305	155	—	75	68	7
FOREIGN												
Total	76	43	—	16	17	—	77	43	—	17	17	—
26	1	1	—	—	—	—	—	—	—	—	—	—
25	1	1	—	—	—	—	1	1	—	—	—	—
23	38	27	—	—	11	—	4	3	—	—	1	—
22	10	8	—	—	2	—	20	19	—	—	1	—
21	8	4	—	—	4	—	11	5	—	—	6	—
20	—	—	—	—	—	—	14	11	—	—	3	—
19	—	—	—	—	—	—	3	—	—	—	3	—
18	16	—	—	16	—	—	18	—	—	16	2	—
17	—	—	—	—	—	—	1	1	—	—	—	—
16	1	1	—	—	—	—	1	—	—	1	—	—
14	—	—	—	—	—	—	2	2	—	—	—	—
12	1	1	—	—	—	—	2	1	—	—	1	—

DOMESTIC

Total	230	112	—	60	48	10	228	112	—	58	51	7
29	3	—	—	—	3	—	—	—	—	—	—	—
28	2	—	—	—	2	—	—	—	—	—	—	—
26	6	1	—	5	—	—	5	—	—	5	—	—
25	12	12	—	—	—	—	—	—	—	—	—	—
24	14	11	—	—	3	—	—	—	—	—	—	—
23	28	28	—	—	—	—	—	—	—	—	—	—
22	25	24	—	1	—	—	5	—	—	—	5	—
21	15	15	—	—	—	—	—	—	—	—	—	—
20	8	4	—	2	2	—	1	1	—	—	—	—
19	9	2	—	2	2	3	43	43	—	—	—	—
18	9	5	—	2	2	—	18	2	—	8	8	—
17	5	2	—	—	2	1	7	6	—	—	1	—
16	11	2	—	6	1	2	22	12	—	5	5	—
15	4	—	—	4	—	—	9	6	—	3	—	—
13	3	1	—	—	—	2	—	—	—	—	—	—
12	76	5	—	38	31	2	118	42	—	37	32	7
										Total trips:		611

ALPENA HARBOR, MI

	Inbound						Outbound					
Grand Total	307	199	—	54	54	—	334	205	—	66	63	—
FOREIGN												
Total	28	27	—	1	—	—	28	26	—	2	—	—
23	—	—	—	—	—	—	5	5	—	—	—	—
22	7	7	—	—	—	—	3	3	—	—	—	—
21	1	1	—	—	—	—	3	3	—	—	—	—
20	2	2	—	—	—	—	1	1	—	—	—	—
19	10	10	—	—	—	—	4	4	—	—	—	—
18	7	7	—	—	—	—	8	8	—	—	—	—
17	—	—	—	—	—	—	1	1	—	—	—	—
12	1	—	—	1	—	—	3	1	—	2	—	—

DOMESTIC

Total	279	172	—	53	54	—	306	179	—	64	63	—
25	—	—	—	—	—	—	3	—	—	—	3	—
24	—	—	—	—	—	—	8	3	—	—	5	—
23	7	7	—	—	—	—	16	15	—	—	1	—
22	2	2	—	—	—	—	15	13	—	—	2	—
21	14	13	—	—	1	—	20	18	—	—	2	—
20	9	9	—	—	—	—	27	16	—	—	11	—
19	4	4	—	—	—	—	38	16	—	—	22	—
18	2	1	—	—	1	—	17	9	—	—	8	—
17	—	—	—	—	—	—	28	23	—	—	5	—
16	103	—	—	51	52	—	79	12	—	63	4	—
15	—	—	—	—	—	—	6	6	—	—	—	—
14	1	1	—	—	—	—	10	10	—	—	—	—
13	1	—	—	1	—	—	10	10	—	—	—	—
12	136	135	—	1	—	—	29	28	—	1	—	—
										Total trips:		641

Trips and Drafts of Vessels, 2004
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
MENOMINEE HARBOR AND RIVER, MI AND WI												
	Inbound						Outbound					
Grand Total	70	44	—	13	13	—	65	43	—	11	11	—
FOREIGN												
Total	42	41	—	1	—	—	41	40	—	1	—	—
23	22	22	—	—	—	—	9	9	—	—	—	—
22	8	8	—	—	—	—	6	6	—	—	—	—
21	5	5	—	—	—	—	2	2	—	—	—	—
20	5	5	—	—	—	—	11	11	—	—	—	—
19	1	1	—	—	—	—	2	2	—	—	—	—
18	—	—	—	—	—	—	2	2	—	—	—	—
17	—	—	—	—	—	—	1	1	—	—	—	—
16	—	—	—	—	—	—	6	6	—	—	—	—
12	1	—	—	1	—	—	2	1	—	1	—	—
DOMESTIC												
Total	28	3	—	12	13	—	24	3	—	10	11	—
19	11	1	—	—	10	—	—	—	—	—	—	—
18	1	—	—	—	1	—	1	—	—	—	1	—
16	2	2	—	—	—	—	3	3	—	—	—	—
15	—	—	—	—	—	—	1	—	—	—	1	—
14	1	—	—	—	1	—	8	—	—	—	8	—
13	12	—	—	12	—	—	10	—	—	10	—	—
12	1	—	—	—	1	—	1	—	—	—	1	—
											Total trips:	135
SAGINAW RIVER, MI												
	Upbound						Downbound					
Grand Total	436	161	—	117	115	43	508	173	—	154	136	45
FOREIGN												
Total	94	75	—	10	5	4	97	77	—	11	5	4
25	—	—	—	—	—	—	5	5	—	—	—	—
24	—	—	—	—	—	—	14	14	—	—	—	—
23	1	1	—	—	—	—	7	7	—	—	—	—
22	—	—	—	—	—	—	9	9	—	—	—	—
21	35	35	—	—	—	—	32	32	—	—	—	—
20	6	6	—	—	—	—	4	4	—	—	—	—
19	9	8	—	1	—	—	6	5	—	—	—	1
18	22	21	—	1	—	—	5	—	—	1	2	2
17	2	1	—	—	1	—	3	—	—	1	2	—
16	4	—	—	4	—	—	5	—	—	4	—	1
15	1	—	—	—	1	—	—	—	—	—	—	—
14	2	1	—	1	—	—	1	1	—	—	—	—
13	—	—	—	—	—	—	1	—	—	—	1	—
12	12	2	—	3	3	4	5	—	—	5	—	—
DOMESTIC												
Total	342	86	—	107	110	39	411	96	—	143	131	41
28	—	—	—	—	—	—	3	—	—	—	3	—
27	—	—	—	—	—	—	1	—	—	—	1	—
26	32	—	—	32	—	—	96	10	—	69	17	—
25	—	—	—	—	—	—	12	5	—	—	7	—
24	—	—	—	—	—	—	36	10	—	6	20	—
23	—	—	—	—	—	—	36	13	—	3	20	—
22	47	1	—	13	33	—	23	6	—	11	6	—
21	—	—	—	—	—	—	18	15	—	2	1	—
20	8	8	—	—	—	—	24	6	—	—	18	—
19	5	5	—	—	—	—	19	4	—	1	12	2
18	24	8	—	8	8	—	11	10	—	—	1	—
17	41	9	—	—	32	—	34	3	—	—	19	12
16	18	16	—	2	—	—	20	7	—	1	—	12
15	18	3	—	15	—	—	14	—	—	14	—	—
14	9	—	—	1	8	—	11	2	—	1	1	7
13	10	—	—	10	—	—	16	—	—	9	—	7
12	130	36	—	26	29	39	37	5	—	26	5	1
											Total trips:	944

Trips and Drafts of Vessels, 2004
(draft in feet)

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

ST. CLAIR RIVER, MI

	Upbound						Downbound					
Grand Total	4,133	2,946	58	534	398	197	3,810	2,602	58	538	401	211

FOREIGN

Total	2,565	1,819	56	342	203	145	2,176	1,394	55	348	214	165
31	—	—	—	—	—	—	1	1	—	—	—	—
29	2	—	2	—	—	—	3	2	1	—	—	—
28	1	1	—	—	—	—	—	—	—	—	—	—
27	38	38	—	—	—	—	69	67	—	—	2	—
26	217	217	—	—	—	—	435	424	—	—	11	—
25	65	63	—	—	2	—	172	158	1	—	13	—
24	145	143	1	1	—	—	79	77	—	—	2	—
23	394	384	—	1	9	—	160	139	—	—	21	—
22	254	253	—	—	1	—	181	173	—	—	8	—
21	274	253	7	1	12	1	125	86	12	1	10	16
20	207	186	12	6	3	—	98	61	9	8	13	7
19	138	110	8	9	5	6	90	36	6	30	7	11
18	172	57	5	87	11	12	142	39	10	61	23	9
17	39	14	—	12	10	3	50	7	—	20	8	15
16	80	9	—	59	8	4	104	17	2	65	13	7
15	53	5	17	18	7	6	43	1	14	13	5	10
14	110	9	4	40	40	17	89	26	—	52	3	8
13	19	4	—	3	9	3	10	8	—	1	1	—
12	357	73	—	105	86	93	325	72	—	97	74	82

DOMESTIC

Total	1,568	1,127	2	192	195	52	1,634	1,208	3	190	187	46
31	—	—	—	—	—	—	7	5	—	—	2	—
30	—	—	—	—	—	—	7	—	—	—	7	—
29	—	—	—	—	—	—	33	—	—	—	33	—
28	2	1	—	—	1	—	44	36	—	—	8	—
27	—	—	—	—	—	—	328	316	—	—	12	—
26	63	18	—	41	4	—	385	325	—	37	23	—
25	36	7	—	—	29	—	170	144	—	3	23	—
24	46	17	—	13	16	—	92	69	—	7	16	—
23	133	128	—	1	4	—	72	43	—	15	14	—
22	114	65	—	18	31	—	49	30	—	16	3	—
21	58	54	—	2	1	1	43	37	—	2	4	—
20	71	46	—	24	1	—	89	56	—	25	8	—
19	196	180	—	1	1	14	77	71	—	—	5	1
18	254	211	1	18	19	5	65	29	—	16	17	3
17	168	132	—	1	27	8	31	16	—	—	4	11
16	83	47	—	22	13	1	49	11	—	22	4	12
15	63	43	—	18	—	2	22	4	—	18	—	—
14	16	10	—	—	3	3	7	4	—	—	1	2
13	35	19	1	5	9	1	14	5	—	8	—	1
12	230	149	—	28	36	17	50	7	3	21	3	16
										Total trips:		7,943

MARYSVILLE, MI

	Inbound						Outbound					
Grand Total	130	48	2	37	31	12	123	51	2	28	28	14

FOREIGN

Total	49	30	2	7	8	2	58	34	2	10	7	5
27	1	1	—	—	—	—	—	—	—	—	—	—
26	14	14	—	—	—	—	1	1	—	—	—	—
25	8	8	—	—	—	—	—	—	—	—	—	—
24	2	2	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	4	4	—	—	—	—
22	2	2	—	—	—	—	7	7	—	—	—	—
21	1	—	1	—	—	—	6	6	—	—	—	—
20	1	1	—	—	—	—	5	5	—	—	—	—
19	3	—	1	—	—	2	9	5	1	2	—	1
18	2	—	—	—	2	—	3	2	1	—	—	—
17	—	—	—	—	—	—	2	1	—	—	—	1
16	2	—	—	2	—	—	6	1	—	3	2	—
14	—	—	—	—	—	—	2	—	—	2	—	—
13	2	2	—	—	—	—	2	2	—	—	—	—
12	11	—	—	5	6	—	11	—	—	3	5	3

Trips and Drafts of Vessels, 2004
(draft in feet)

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

MARYSVILLE, MI - continued

	Inbound						Outbound					
DOMESTIC												
Total	81	18	—	30	23	10	65	17	—	18	21	9
29	1	—	—	—	1	—	—	—	—	—	—	—
26	13	—	—	9	4	—	3	—	—	3	—	—
25	9	2	—	2	5	—	—	—	—	—	—	—
24	12	—	—	7	5	—	—	—	—	—	—	—
23	13	7	—	3	3	—	—	—	—	—	—	—
22	1	—	—	1	—	—	4	—	—	1	3	—
21	1	1	—	—	—	—	1	1	—	—	—	—
19	5	2	—	—	1	2	4	4	—	—	—	—
18	3	—	—	—	2	1	18	2	—	8	8	—
17	5	—	—	—	2	3	9	—	—	—	9	—
16	2	2	—	—	—	—	5	5	—	—	—	—
15	6	—	—	5	—	1	4	—	—	4	—	—
13	2	—	—	2	—	—	2	—	—	2	—	—
12	8	4	—	1	—	3	15	5	—	—	1	9
										Total trips:		253

ST. CLAIR, MI

	Inbound						Outbound					
FOREIGN												
Grand Total	138	91	—	24	2	21	85	79	—	3	—	3
Total	43	—	—	22	2	19	4	—	—	2	—	2
14	—	—	—	—	—	—	1	—	—	1	—	—
12	43	—	—	22	2	19	3	—	—	1	—	2
DOMESTIC												
Total	95	91	—	2	—	2	81	79	—	1	—	1
28	4	4	—	—	—	—	—	—	—	—	—	—
27	62	62	—	—	—	—	1	1	—	—	—	—
26	3	3	—	—	—	—	1	1	—	—	—	—
25	6	6	—	—	—	—	3	3	—	—	—	—
24	1	1	—	—	—	—	1	1	—	—	—	—
23	—	—	—	—	—	—	16	16	—	—	—	—
22	—	—	—	—	—	—	28	28	—	—	—	—
21	7	7	—	—	—	—	—	—	—	—	—	—
20	8	8	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	10	10	—	—	—	—
18	—	—	—	—	—	—	5	5	—	—	—	—
12	4	—	—	2	—	2	16	14	—	1	—	1
										Total trips:		223

MARINE CITY, MI

	Inbound						Outbound					
FOREIGN												
Grand Total	155	71	—	40	43	1	140	65	—	34	40	1
Total	16	13	—	2	—	1	15	9	—	3	2	1
26	5	5	—	—	—	—	—	—	—	—	—	—
25	6	6	—	—	—	—	—	—	—	—	—	—
24	1	1	—	—	—	—	1	1	—	—	—	—
22	—	—	—	—	—	—	1	1	—	—	—	—
21	1	1	—	—	—	—	1	1	—	—	—	—
20	—	—	—	—	—	—	2	2	—	—	—	—
19	—	—	—	—	—	—	5	3	—	2	—	—
18	1	—	—	—	—	1	2	1	—	—	—	1
17	—	—	—	—	—	—	1	—	—	—	1	—
16	1	—	—	1	—	—	1	—	—	—	1	—
14	1	—	—	1	—	—	1	—	—	1	—	—

Trips and Drafts of Vessels, 2004
(draft in feet)

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

MARINE CITY, MI - continued

	Inbound						Outbound					
DOMESTIC												
Total	139	58	—	38	43	—	125	56	—	31	38	—
29	1	—	—	—	1	—	—	—	—	—	—	—
28	9	9	—	—	—	—	1	1	—	—	—	—
27	26	26	—	—	—	—	—	—	—	—	—	—
26	22	9	—	9	4	—	8	—	—	8	—	—
25	13	6	—	1	6	—	—	—	—	—	—	—
24	24	1	—	10	13	—	6	—	—	3	3	—
23	26	1	—	13	12	—	45	45	—	—	—	—
22	7	1	—	4	2	—	11	—	—	3	8	—
21	—	—	—	—	—	—	4	—	—	2	2	—
19	—	—	—	—	—	—	1	1	—	—	—	—
18	5	2	—	1	2	—	33	3	—	15	15	—
17	5	2	—	—	3	—	6	1	—	—	5	—
16	—	—	—	—	—	—	3	3	—	—	—	—
14	1	1	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	2	2	—	—	—	—
9	—	—	—	—	—	—	5	—	—	—	5	—
										Total trips:		295

CHANNELS IN LAKE ST. CLAIR

	Upbound						Downbound					
Grand Total	3,001	2,242	32	347	260	120	2,919	2,178	38	326	264	113

FOREIGN

Total	1,651	1,251	30	189	111	70	1,517	1,118	36	175	118	70
31	—	—	—	—	—	—	1	1	—	—	—	—
29	1	—	1	—	—	—	3	2	1	—	—	—
28	1	1	—	—	—	—	—	—	—	—	—	—
27	20	20	—	—	—	—	66	64	—	—	2	—
26	158	158	—	—	—	—	407	396	—	—	11	—
25	53	51	—	—	2	—	118	104	1	—	13	—
24	90	88	1	1	—	—	53	51	—	—	2	—
23	254	250	—	1	3	—	91	77	—	—	14	—
22	189	188	—	—	1	—	158	151	—	—	7	—
21	195	184	3	1	6	1	114	78	9	1	10	16
20	144	131	8	2	3	—	83	59	7	3	7	7
19	87	78	4	2	3	—	69	30	4	23	5	7
18	130	49	2	73	5	1	104	37	7	48	7	5
17	19	10	—	6	2	1	31	7	—	13	1	10
16	32	5	—	25	1	1	58	16	—	34	5	3
15	37	5	10	13	6	3	25	1	7	11	2	4
14	70	3	1	14	37	15	36	13	—	17	3	3
13	7	—	—	1	3	3	4	2	—	1	1	—
12	164	30	—	50	39	45	96	29	—	24	28	15

DOMESTIC

Total	1,350	991	2	158	149	50	1,402	1,060	2	151	146	43
31	—	—	—	—	—	—	7	5	—	—	2	—
30	—	—	—	—	—	—	7	—	—	—	7	—
29	—	—	—	—	—	—	31	—	—	—	31	—
28	1	—	—	—	1	—	31	23	—	—	8	—
27	—	—	—	—	—	—	240	228	—	—	12	—
26	51	17	—	30	4	—	357	313	—	27	17	—
25	36	7	—	—	29	—	148	132	—	—	16	—
24	39	16	—	10	13	—	78	67	—	2	9	—
23	72	67	—	1	4	—	41	41	—	—	—	—
22	74	40	—	14	20	—	44	29	—	14	1	—
21	55	53	—	1	—	1	35	29	—	2	4	—
20	71	46	—	24	1	—	81	48	—	25	8	—
19	184	168	—	1	1	14	76	71	—	—	4	1
18	223	202	1	7	8	5	63	29	—	15	16	3
17	154	131	—	1	14	8	28	15	—	—	3	10
16	75	39	—	22	13	1	48	10	—	22	4	12
15	61	43	—	16	—	2	21	4	—	17	—	—
14	16	10	—	—	3	3	7	4	—	—	1	2
13	34	19	1	4	9	1	13	5	—	7	—	1
12	204	133	—	27	29	15	46	7	2	20	3	14
										Total trips:		5,920

Trips and Drafts of Vessels, 2004
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
DETROIT RIVER, MI												
	Upbound						Downbound					
Grand Total	4,707	2,788	46	887	412	574	4,117	2,719	57	650	406	285
FOREIGN												
Total	2,570	1,720	44	421	251	134	2,425	1,543	55	411	247	169
31	—	—	—	—	—	—	1	1	—	—	—	—
29	1	—	1	—	—	—	3	2	1	—	—	—
28	1	1	—	—	—	—	—	—	—	—	—	—
27	20	20	—	—	—	—	67	64	—	—	3	—
26	193	193	—	—	—	—	430	419	—	—	11	—
25	93	89	—	—	4	—	151	137	1	—	13	—
24	131	129	1	1	—	—	83	81	—	—	2	—
23	357	353	—	1	3	—	173	158	1	—	14	—
22	233	232	—	—	1	—	250	243	—	—	7	—
21	230	217	4	1	6	2	161	102	16	1	10	32
20	178	159	14	2	3	—	119	83	12	3	7	14
19	126	106	7	2	3	8	104	44	8	23	5	24
18	181	82	2	89	7	1	146	51	7	68	7	13
17	38	17	—	16	2	3	55	15	—	19	3	18
16	67	9	—	52	5	1	103	24	2	64	5	8
15	50	6	13	19	7	5	34	1	7	16	2	8
14	127	18	2	38	40	29	95	33	—	41	4	17
13	12	2	—	2	3	5	6	2	—	2	1	1
12	532	87	—	198	167	80	444	83	—	174	153	34
DOMESTIC												
Total	2,137	1,068	2	466	161	440	1,692	1,176	2	239	159	116
31	—	—	—	—	—	—	7	5	—	—	2	—
30	—	—	—	—	—	—	7	—	—	—	7	—
29	—	—	—	—	—	—	31	—	—	—	31	—
28	1	—	—	—	1	—	31	23	—	—	8	—
27	—	—	—	—	—	—	240	228	—	—	12	—
26	54	19	—	30	5	—	357	313	—	27	17	—
25	38	9	—	—	29	—	149	132	—	—	17	—
24	49	26	—	10	13	—	78	67	—	2	9	—
23	91	86	—	1	4	—	41	41	—	—	—	—
22	81	47	—	14	20	—	44	29	—	14	1	—
21	64	62	—	1	—	1	35	29	—	2	4	—
20	76	51	—	24	1	—	84	49	—	26	9	—
19	188	170	—	1	2	15	133	92	—	—	4	37
18	225	203	1	8	8	5	130	87	—	19	19	5
17	159	132	—	1	17	9	37	17	—	—	5	15
16	85	39	—	32	13	1	71	22	—	32	4	13
15	123	43	—	78	—	2	80	4	—	74	—	2
14	18	11	—	—	3	4	10	5	—	—	2	3
13	53	33	1	7	11	1	29	11	—	11	3	4
12	832	137	—	259	34	402	98	22	2	32	5	37
											Total trips:	8,824
DETROIT HARBOR, MI												
	Inbound						Outbound					
Grand Total	326	141	—	72	66	47	322	136	—	71	64	51
FOREIGN												
Total	92	27	—	33	32	—	85	20	—	32	30	3
26	5	5	—	—	—	—	1	1	—	—	—	—
25	1	1	—	—	—	—	—	—	—	—	—	—
24	3	3	—	—	—	—	—	—	—	—	—	—
23	1	1	—	—	—	—	4	4	—	—	—	—
22	7	7	—	—	—	—	5	5	—	—	—	—
21	5	5	—	—	—	—	2	2	—	—	—	—
20	2	2	—	—	—	—	3	3	—	—	—	—
19	1	1	—	—	—	—	3	1	—	1	—	1
18	2	2	—	—	—	—	1	1	—	—	—	—
17	3	—	—	3	—	—	5	3	—	1	1	—
16	—	—	—	—	—	—	2	—	—	2	—	—
15	2	—	—	1	1	—	—	—	—	—	—	—
14	1	—	—	—	1	—	1	—	—	1	—	—
12	59	—	—	29	30	—	58	—	—	27	29	2

Trips and Drafts of Vessels, 2004
(draft in feet)

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

DETROIT HARBOR, MI - continued

	Inbound						Outbound					
DOMESTIC												
Total	234	114	—	39	34	47	237	116	—	39	34	48
31	2	2	—	—	—	—	—	—	—	—	—	—
29	6	—	—	—	6	—	—	—	—	—	—	—
28	10	7	—	—	3	—	—	—	—	—	—	—
27	21	20	—	—	1	—	—	—	—	—	—	—
26	22	15	—	4	3	—	6	2	—	4	—	—
25	13	9	—	—	4	—	4	—	—	—	4	—
24	5	5	—	—	—	—	—	—	—	—	—	—
23	10	10	—	—	—	—	—	—	—	—	—	—
22	3	2	—	1	—	—	6	1	—	1	4	—
21	4	4	—	—	—	—	—	—	—	—	—	—
20	18	8	—	5	5	—	6	1	—	4	1	—
19	7	5	—	—	2	—	24	24	—	—	—	—
18	8	3	—	3	2	—	13	10	—	3	—	—
17	5	2	—	—	3	—	12	4	—	—	8	—
16	23	3	—	17	3	—	34	12	—	15	7	—
14	1	1	—	—	—	—	1	—	—	—	1	—
13	20	17	—	1	2	—	29	18	—	3	8	—
12	56	1	—	8	—	47	102	44	—	9	1	48
										Total trips:		648

ROUGE RIVER, MI

	Inbound						Outbound					
Grand Total	1,008	391	—	277	71	269	1,086	393	—	314	88	291
FOREIGN												
Total	270	121	—	72	53	24	355	126	—	112	68	49
27	1	1	—	—	—	—	—	—	—	—	—	—
26	44	44	—	—	—	—	4	4	—	—	—	—
25	35	22	—	—	13	—	2	—	—	—	2	—
24	12	11	—	—	1	—	9	8	—	1	—	—
23	8	8	—	—	—	—	18	18	—	—	—	—
22	4	4	—	—	—	—	33	33	—	—	—	—
21	6	6	—	—	—	—	20	20	—	—	—	—
20	7	6	—	1	—	—	9	8	—	1	—	—
19	10	1	—	9	—	—	26	12	—	—	—	14
18	6	—	—	5	1	—	23	3	—	15	—	5
17	5	1	—	1	1	2	6	3	—	1	—	2
16	6	—	—	5	—	1	5	—	—	5	—	—
15	1	—	—	—	—	1	3	1	—	—	—	2
14	21	14	—	5	1	1	32	14	—	5	13	—
13	3	2	—	—	1	—	2	1	—	—	—	1
12	101	1	—	46	35	19	163	1	—	84	53	25
DOMESTIC												
Total	738	270	—	205	18	245	731	267	—	202	20	242
28	2	1	—	—	1	—	—	—	—	—	—	—
27	114	110	—	—	4	—	—	—	—	—	—	—
26	83	78	—	1	4	—	3	1	—	—	2	—
25	19	19	—	—	—	—	6	—	—	—	6	—
24	29	25	—	2	2	—	3	—	—	—	3	—
23	13	13	—	—	—	—	4	4	—	—	—	—
22	6	6	—	—	—	—	4	3	—	—	1	—
21	9	6	—	2	1	—	—	—	—	—	—	—
20	9	2	—	7	—	—	10	4	—	6	—	—
19	6	4	—	—	—	2	93	55	—	—	—	38
18	—	—	—	—	—	—	138	128	—	4	4	2
17	6	2	—	—	3	1	36	29	—	—	1	6
16	6	—	—	6	—	—	14	5	—	6	2	1
15	62	—	—	62	—	—	75	5	—	67	—	3
14	2	1	—	—	—	1	7	5	—	—	—	2
13	5	—	—	4	—	1	2	—	—	—	—	2
12	367	3	—	121	3	240	336	28	—	119	1	188
										Total trips:		2,094

Trips and Drafts of Vessels, 2004
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
ECORSE, MI												
	Inbound						Outbound					
Grand Total	116	87	1	12	15	1	97	86	1	5	5	—
FOREIGN												
Total	106	79	1	12	14	—	87	78	1	4	4	—
23	66	66	—	—	—	—	51	50	1	—	—	—
22	8	8	—	—	—	—	11	11	—	—	—	—
21	1	1	—	—	—	—	1	1	—	—	—	—
20	2	2	—	—	—	—	3	3	—	—	—	—
19	—	—	—	—	—	—	9	9	—	—	—	—
18	1	1	—	—	—	—	3	3	—	—	—	—
17	—	—	—	—	—	—	1	1	—	—	—	—
14	1	—	1	—	—	—	—	—	—	—	—	—
12	27	1	—	12	14	—	8	—	—	4	4	—
DOMESTIC												
Total	10	8	—	—	1	1	10	8	—	1	1	—
23	8	8	—	—	—	—	—	—	—	—	—	—
20	1	—	—	—	1	—	—	—	—	—	—	—
17	—	—	—	—	—	—	1	—	—	—	1	—
16	—	—	—	—	—	—	8	8	—	—	—	—
13	—	—	—	—	—	—	1	—	—	1	—	—
12	1	—	—	—	—	1	—	—	—	—	—	—
											Total trips:	213
PORT OF DETROIT, MI												
	Inbound						Outbound					
Grand Total	1,476	638	1	363	154	320	1,417	629	1	386	158	243
FOREIGN												
Total	472	227	1	119	101	24	531	224	1	150	104	52
27	1	1	—	—	—	—	—	—	—	—	—	—
26	49	49	—	—	—	—	5	5	—	—	—	—
25	36	23	—	—	13	—	2	—	—	—	2	—
24	15	14	—	—	1	—	9	8	—	1	—	—
23	75	75	—	—	—	—	73	72	1	—	—	—
22	19	19	—	—	—	—	49	49	—	—	—	—
21	13	12	—	1	—	—	24	23	—	1	—	—
20	12	10	—	2	—	—	16	14	—	2	—	—
19	11	2	—	9	—	—	38	22	—	1	—	15
18	9	3	—	5	1	—	27	7	—	15	—	5
17	8	1	—	4	1	2	12	7	—	2	1	2
16	7	—	—	5	1	1	7	—	—	7	—	—
15	3	—	—	1	1	1	3	1	—	—	—	2
14	24	14	1	5	3	1	33	14	—	6	13	—
13	3	2	—	—	1	—	2	1	—	—	—	1
12	187	2	—	87	79	19	231	1	—	115	88	27
DOMESTIC												
Total	1,004	411	—	244	53	296	886	405	—	236	54	191
31	2	2	—	—	—	—	—	—	—	—	—	—
29	6	—	—	—	6	—	—	—	—	—	—	—
28	12	8	—	—	4	—	—	—	—	—	—	—
27	135	130	—	—	5	—	—	—	—	—	—	—
26	105	93	—	5	7	—	9	3	—	4	2	—
25	32	28	—	—	4	—	10	—	—	—	10	—
24	34	30	—	2	2	—	3	—	—	—	3	—
23	35	35	—	—	—	—	4	4	—	—	—	—
22	10	9	—	1	—	—	9	3	—	1	5	—
21	14	11	—	2	1	—	—	—	—	—	—	—
20	34	15	—	12	7	—	15	5	—	10	—	—
19	17	13	—	—	2	2	121	83	—	—	—	38
18	9	4	—	3	2	—	154	141	—	7	4	2
17	10	4	—	—	5	1	51	35	—	—	10	6
16	30	4	—	23	3	—	51	25	—	16	9	1
15	63	—	—	62	—	1	74	5	—	67	—	2
14	4	3	—	—	—	1	9	6	—	—	1	2
13	25	17	—	5	2	1	31	18	—	3	8	2
12	427	5	—	129	3	290	345	77	—	128	2	138
											Total trips:	2,893

Trips and Drafts of Vessels, 2004
(draft in feet)

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

MONROE HARBOR, MI

	Inbound						Outbound					
Grand Total	68	23	—	21	5	19	73	31	—	19	1	22

FOREIGN

Total	13	1	—	6	4	2	3	1	—	1	—	1
24	1	1	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	1	1	—	—	—	—
18	3	—	—	—	3	—	1	—	—	—	—	1
16	5	—	—	5	—	—	1	—	—	1	—	—
15	1	—	—	—	—	1	—	—	—	—	—	—
12	1	—	—	—	1	—	—	—	—	—	—	—
11	1	—	—	1	—	—	—	—	—	—	—	—
6	1	—	—	—	—	1	—	—	—	—	—	—

DOMESTIC

Total	55	22	—	15	1	17	70	30	—	18	1	21
27	1	1	—	—	—	—	—	—	—	—	—	—
26	1	1	—	—	—	—	—	—	—	—	—	—
25	3	3	—	—	—	—	—	—	—	—	—	—
24	1	1	—	—	—	—	—	—	—	—	—	—
22	4	4	—	—	—	—	5	5	—	—	—	—
21	1	1	—	—	—	—	—	—	—	—	—	—
20	2	2	—	—	—	—	3	3	—	—	—	—
19	17	5	—	—	—	12	3	3	—	—	—	—
18	2	—	—	1	1	—	10	8	—	1	1	—
17	2	—	—	—	—	2	—	—	—	—	—	—
16	3	—	—	—	—	3	1	1	—	—	—	—
15	11	—	—	11	—	—	14	1	—	13	—	—
12	4	4	—	—	—	—	9	9	—	—	—	—
10	—	—	—	—	—	—	1	—	—	1	—	—
9	3	—	—	3	—	—	3	—	—	3	—	—
8	—	—	—	—	—	—	1	—	—	—	—	1
7	—	—	—	—	—	—	3	—	—	—	—	3
5	—	—	—	—	—	—	16	—	—	—	—	16
4	—	—	—	—	—	—	1	—	—	—	—	1

Total trips: 141

CALCITE, MI

	Inbound						Outbound					
Grand Total	420	362	4	23	31	—	431	369	4	26	32	—

FOREIGN

Total	58	53	4	1	—	—	53	49	4	—	—	—
26	—	—	—	—	—	—	1	1	—	—	—	—
25	1	1	—	—	—	—	17	17	—	—	—	—
24	3	3	—	—	—	—	11	11	—	—	—	—
23	2	2	—	—	—	—	14	14	—	—	—	—
22	9	9	—	—	—	—	2	2	—	—	—	—
21	13	11	2	—	—	—	1	1	—	—	—	—
20	13	11	2	—	—	—	1	1	—	—	—	—
19	9	9	—	—	—	—	1	1	—	—	—	—
18	4	4	—	—	—	—	1	1	—	—	—	—
17	1	1	—	—	—	—	—	—	—	—	—	—
16	1	1	—	—	—	—	1	—	1	—	—	—
15	—	—	—	—	—	—	3	—	3	—	—	—
9	2	1	—	1	—	—	—	—	—	—	—	—

DOMESTIC

Total	362	309	—	22	31	—	378	320	—	26	32	—
29	—	—	—	—	—	—	1	—	—	—	1	—
28	—	—	—	—	—	—	2	—	—	—	2	—
27	—	—	—	—	—	—	11	10	—	—	1	—
26	5	—	—	5	—	—	112	96	—	8	8	—
25	1	1	—	—	—	—	125	123	—	—	2	—
24	—	—	—	—	—	—	48	42	—	2	4	—
23	1	1	—	—	—	—	45	24	—	11	10	—
22	9	1	—	3	5	—	10	8	—	2	—	—
21	8	8	—	—	—	—	3	3	—	—	—	—
20	6	6	—	—	—	—	3	2	—	—	1	—
19	107	107	—	—	—	—	6	3	—	—	3	—

Trips and Drafts of Vessels, 2004
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
CALCITE, MI - continued												
				Inbound						Outbound		
DOMESTIC												
18	72	48	—	12	12	—	3	3	—	—	—	—
17	66	57	—	—	9	—	—	—	—	—	—	—
16	13	13	—	—	—	—	3	3	—	—	—	—
15	11	11	—	—	—	—	—	—	—	—	—	—
14	6	4	—	—	2	—	2	2	—	—	—	—
13	2	—	—	2	—	—	3	—	—	3	—	—
12	52	52	—	—	—	—	1	1	—	—	—	—
9	3	—	—	—	3	—	—	—	—	—	—	—
										Total trips:		851
ESCANABA, MI												
				Inbound						Outbound		
Grand Total	227	180	—	22	24	1	232	180	—	23	28	1
FOREIGN												
Total	9	9	—	—	—	—	7	7	—	—	—	—
26	—	—	—	—	—	—	2	2	—	—	—	—
22	3	3	—	—	—	—	—	—	—	—	—	—
21	2	2	—	—	—	—	1	1	—	—	—	—
20	4	4	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	4	4	—	—	—	—
DOMESTIC												
Total	218	171	—	22	24	1	225	173	—	23	28	1
30	—	—	—	—	—	—	49	34	—	—	15	—
29	—	—	—	—	—	—	19	19	—	—	—	—
28	7	7	—	—	—	—	23	16	—	—	7	—
27	13	13	—	—	—	—	36	34	—	—	2	—
26	27	10	—	16	1	—	41	24	—	16	1	—
25	5	5	—	—	—	—	1	1	—	—	—	—
24	3	3	—	—	—	—	4	2	—	1	1	—
23	20	20	—	—	—	—	1	1	—	—	—	—
22	22	5	—	3	14	—	7	1	—	5	1	—
21	7	7	—	—	—	—	3	3	—	—	—	—
20	24	23	—	—	1	—	10	10	—	—	—	—
19	50	50	—	—	—	—	22	22	—	—	—	—
18	29	25	—	2	2	—	4	4	—	—	—	—
16	—	—	—	—	—	—	1	1	—	—	—	—
15	1	—	—	1	—	—	1	—	—	1	—	—
12	3	3	—	—	—	—	1	1	—	—	—	—
9	6	—	—	—	6	—	1	—	—	—	1	—
4	1	—	—	—	—	1	1	—	—	—	—	1
										Total trips:		459
STONEPORT, MI												
				Inbound						Outbound		
Grand Total	449	200	—	91	158	—	485	206	—	126	153	—
FOREIGN												
Total	21	15	—	3	3	—	11	6	—	3	2	—
24	1	1	—	—	—	—	3	3	—	—	—	—
21	1	1	—	—	—	—	3	3	—	—	—	—
20	11	9	—	2	—	—	—	—	—	—	—	—
19	3	2	—	1	—	—	2	—	—	2	—	—
18	1	1	—	—	—	—	—	—	—	—	—	—
17	2	1	—	—	1	—	1	—	—	—	1	—
16	2	—	—	—	2	—	—	—	—	—	—	—
12	—	—	—	—	—	—	1	—	—	1	—	—
2	—	—	—	—	—	—	1	—	—	—	1	—
DOMESTIC												
Total	428	185	—	88	155	—	474	200	—	123	151	—
29	—	—	—	—	—	—	15	—	—	—	15	—
28	—	—	—	—	—	—	5	—	—	—	5	—

Trips and Drafts of Vessels, 2004
(draft in feet)

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

STONEPORT, MI - continued

Inbound							Outbound					
DOMESTIC												
27	—	—	—	—	—	—	17	16	—	—	1	—
26	43	—	—	43	—	—	137	38	—	75	24	—
25	—	—	—	—	—	—	71	47	—	2	22	—
24	8	—	—	4	4	—	69	37	—	7	25	—
23	8	—	—	4	4	—	52	18	—	8	26	—
22	70	2	—	20	48	—	35	12	—	20	3	—
21	—	—	—	—	—	—	13	12	—	1	—	—
20	5	5	—	—	—	—	23	4	—	—	19	—
19	86	84	—	1	1	—	9	1	—	1	7	—
18	40	20	—	10	10	—	14	7	—	3	4	—
17	61	17	—	—	44	—	3	3	—	—	—	—
16	22	22	—	—	—	—	—	—	—	—	—	—
15	5	5	—	—	—	—	—	—	—	—	—	—
14	10	3	—	—	7	—	—	—	—	—	—	—
13	6	—	—	6	—	—	6	—	—	6	—	—
12	27	27	—	—	—	—	5	5	—	—	—	—
9	37	—	—	—	37	—	—	—	—	—	—	—
Total trips:											934	

ALGOMA HARBOR, WI
No Vessel Trips Reported

ALGONAC, MI
(16 feet and less)

Inbound							Outbound					
Grand Total	1	1	—	—	—	—	1	1	—	—	—	—
Total trips:											2	

ASHLAND HARBOR, WI
(23 feet and less)

Inbound							Outbound					
Grand Total	6	6	—	—	—	—	6	6	—	—	—	—
Total trips:											12	

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

BAYFIELD HARBOR, WI
(8 feet and less)

Inbound							Outbound					
Grand Total	5,841	5,841	—	—	—	—	5,842	5,842	—	—	—	—
Total trips:											11,683	

BIG BAY HARBOR, MI
No Vessel Trips Reported

BLACK RIVER HARBOR, MI
No Vessel Trips Reported

CASEVILLE, MI
No Vessel Trips Reported

CEDAR RIVER HARBOR, MI
No Vessel Trips Reported

CHIPPEWA HARBOR (ISLE ROYALE), MI
No Vessel Trips Reported

Trips and Drafts of Vessels, 2004
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
CLINTON RIVER, MI No Vessel Trips Reported												
CORNUCOPIA HARBOR, WI No Vessel Trips Reported												
DETOUR, MI AND VICINITY (12 feet and less)												
				Inbound							Outbound	
Grand Total	19,198	19,198	—	—	—	—	19,888	19,888	—	—	—	—
										Total trips:		39,086
DETROIT HARBOR, WI (11 feet and less)												
				Inbound							Outbound	
Grand Total	3,564	3,564	—	—	—	—	3,564	3,564	—	—	—	—
										Total trips:		7,128
EAGLE HARBOR, MI No Vessel Trips Reported												
FRANKFORT HARBOR, MI (17 feet and less)												
				Inbound							Outbound	
Grand Total	14	—	—	7	—	7	16	—	—	8	—	8
										Total trips:		30
GLADSTONE HARBOR, MI (23 feet and less)												
				Inbound							Outbound	
Grand Total	22	4	—	9	—	9	22	4	—	9	—	9
										Total trips:		44
GRAND MARAIS HARBOR (HARBOR OF REFUGE), MI No Vessel Trips Reported												
GRAND MARAIS HARBOR, MN No Vessel Trips Reported												
GRAND TRAVERSE BAY HARBOR, MI No Vessel Trips Reported												
HARBOR BEACH, MI (HARBOR OF REFUGE, LAKE HURON) (23 feet and less)												
				Inbound							Outbound	
Grand Total	8	6	—	1	—	1	6	6	—	—	—	—
										Total trips:		14
HARRISVILLE HARBOR, MI (HARBOR OF REFUGE, LAKE HURON) No Vessel Trips Reported												
KENOSHA HARBOR, WI (4 feet and less)												
				Inbound							Outbound	
Grand Total	21	—	—	10	11	—	21	—	—	10	11	—
										Total trips:		42
KEWAUNEE HARBOR, WI No Vessel Trips Reported												

Trips and Drafts of Vessels, 2004
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
KEWEENAW WATERWAY, MI (12 feet and less)												
				Upbound						Downbound		
Grand Total	59	45	—	7	4	3	70	58	—	6	3	3
										Total trips:		129
KNIFE RIVER HARBOR, MN No Vessel Trips Reported												
LA POINTE HARBOR, WI (8 feet and less)												
				Inbound						Outbound		
Grand Total	5,820	5,820	—	—	—	—	5,820	5,820	—	—	—	—
										Total trips:		11,640
LAC LA BELLE HARBOR, MI No Vessel Trips Reported												
LELAND HARBOR, MI No Vessel Trips Reported												
LIME ISLAND, MI No Vessel Trips Reported												
MACKINAC HARBOR, MI (9 feet and less)												
				Inbound						Outbound		
Grand Total	22,362	22,356	—	4	2	—	22,372	22,366	—	4	2	—
										Total trips:		44,734
MACKINAW CITY HARBOR, MI (9 feet and less)												
				Inbound						Outbound		
Grand Total	9,181	9,175	—	4	2	—	9,174	9,168	—	4	2	—
										Total trips:		18,355
MANISTIQUE HARBOR, MI (3 feet and less)												
				Inbound						Outbound		
Grand Total	19	—	—	—	—	19	19	—	—	—	—	19
										Total trips:		38
NEW BUFFALO HARBOR, MI No Vessel Trips Reported												
OCONTO HARBOR, WI No Vessel Trips Reported												
ONTONAGON HARBOR, MI (23 feet and less)												
				Inbound						Outbound		
Grand Total	7	7	—	—	—	—	7	7	—	—	—	—
										Total trips:		14
PENSAUKEE HARBOR, WI No Vessel Trips Reported												
PENTWATER HARBOR, MI No Vessel Trips Reported												

Trips and Drafts of Vessels, 2004
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
PORT HURON, MI (14 feet and less)												
				Inbound							Outbound	
Grand Total	25	23	1	1	—	—	27	23	1	2	1	—
										Total trips:		52
PORT SANILAC HARBOR, MI No Vessel Trips Reported												
PORT WASHINGTON HARBOR, WI (24 feet and less)												
				Inbound							Outbound	
Grand Total	6	6	—	—	—	—	6	5	—	—	1	—
										Total trips:		12
PORT WING HARBOR, WI No Vessel Trips Reported												
PUT-IN-BAY HARBOR, OH (9 feet and less)												
				Inbound							Outbound	
Grand Total	8,459	8,328	85	23	23	—	8,455	8,326	85	22	22	—
										Total trips:		16,914
RACINE HARBOR, WI No Vessel Trips Reported												
ROGERS CITY, MI (12 feet and less)												
				Inbound							Outbound	
Grand Total	—	—	—	—	—	—	1	—	1	—	—	—
										Total trips:		1
SAUGATUCK HARBOR AND KALAMAZOO RIVER, MI No Vessel Trips Reported												
SEBEWAING, MI No Vessel Trips Reported												
SHEBOYGAN HARBOR, WI No Vessel Trips Reported												
SOUTH HAVEN HARBOR, MI (6 feet and less)												
				Inbound							Outbound	
Grand Total	—	—	—	—	—	—	1	—	—	1	—	—
										Total trips:		1
ST. JAMES (BEAVER ISLAND), MI (8 feet and less)												
				Inbound							Outbound	
Grand Total	403	382	—	1	1	19	408	382	—	1	1	24
										Total trips:		811

Trips and Drafts of Vessels, 2004
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
STURGEON BAY AND LAKE MICHIGAN SHIP CANAL, WI (26 feet and less)												
				Upbound						Downbound		
Grand Total	54	—	—	27	27	—	52	30	—	11	7	4
										Total trips:		106
TRAVERSE CITY HARBOR, MI (21 feet and less)												
				Inbound						Outbound		
Grand Total	82	—	1	33	—	48	73	—	1	32	—	40
										Total trips:		155
TRENTON, MI (21 feet and less)												
				Inbound						Outbound		
Grand Total	11	7	—	2	2	—	11	7	—	2	2	—
										Total trips:		22
TWO RIVERS HARBOR, WI No Vessel Trips Reported												
WARROAD HARBOR, MN No Vessel Trips Reported												
WHITE LAKE HARBOR, MI No Vessel Trips Reported												
WHITEFISH POINT HARBOR, MI No Vessel Trips Reported												
WYANDOTTE, MI (23 feet and less)												
				Inbound						Outbound		
Grand Total	12	12	—	—	—	—	12	12	—	—	—	—
										Total trips:		24
MARBLEHEAD, OH (26 feet and less)												
				Inbound						Outbound		
Grand Total	5,906	5,637	—	131	138	—	6,337	6,046	—	147	144	—
										Total trips:		12,243
PORT DOLOMITE, MI (28 feet and less)												
				Inbound						Outbound		
Grand Total	211	133	—	36	42	—	219	134	—	36	49	—
										Total trips:		430
PORT GYPSUM, MI (23 feet and less)												
				Inbound						Outbound		
Grand Total	37	37	—	—	—	—	37	37	—	—	—	—
										Total trips:		74

Trips and Drafts of Vessels, 2004
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
PORT INLAND, MI (29 feet and less)												
			Inbound						Outbound			
Grand Total	287	221	—	29	37	—	291	224	—	32	35	—
										Total trips:		578
SILVER BAY, MN (28 feet and less)												
			Inbound						Outbound			
Grand Total	184	181	—	—	3	—	194	191	—	—	3	—
										Total trips:		378

Trips and Drafts of Vessels, 2004
(draft in feet)

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

TOLEDO HARBOR, OH

	Inbound						Outbound					
Grand Total	653	449	10	98	34	62	652	439	11	100	37	65

FOREIGN

Total	407	311	7	45	20	24	418	327	9	42	20	20
28	—	—	—	—	—	—	2	2	—	—	—	—
27	1	1	—	—	—	—	2	2	—	—	—	—
26	99	98	—	—	1	—	60	60	—	—	—	—
25	37	37	—	—	—	—	12	12	—	—	—	—
24	26	26	—	—	—	—	28	28	—	—	—	—
23	28	28	—	—	—	—	69	69	—	—	—	—
22	45	45	—	—	—	—	68	67	1	—	—	—
21	14	13	1	—	—	—	46	44	2	—	—	—
20	18	15	—	3	—	—	23	20	1	2	—	—
19	9	8	—	1	—	—	13	6	—	2	2	3
18	12	7	—	2	1	2	8	2	1	2	1	2
17	13	6	—	1	2	4	7	2	—	2	1	2
16	34	17	1	13	2	1	21	4	—	14	2	1
15	11	2	5	1	2	1	9	1	4	3	—	1
14	36	7	—	19	2	8	27	7	—	15	5	—
13	1	—	—	1	—	—	—	—	—	—	—	—
12	23	1	—	4	10	8	23	1	—	2	9	11

DOMESTIC

Total	246	138	3	53	14	38	234	112	2	58	17	45
29	1	—	—	—	1	—	—	—	—	—	—	—
28	1	1	—	—	—	—	—	—	—	—	—	—
27	3	3	—	—	—	—	—	—	—	—	—	—
26	9	6	—	1	2	—	2	1	—	1	—	—
25	2	—	—	—	2	—	2	2	—	—	—	—
24	5	4	—	—	1	—	13	13	—	—	—	—
23	7	7	—	—	—	—	26	26	—	—	—	—
22	3	3	—	—	—	—	8	7	—	—	1	—
21	3	2	—	—	1	—	10	9	—	—	—	1
20	—	—	—	—	—	—	3	3	—	—	—	—
19	35	34	—	—	—	1	18	6	—	—	—	12
18	51	45	—	—	1	5	18	10	1	—	2	5
17	9	3	—	—	—	6	11	3	—	—	1	7
16	27	2	—	18	—	7	39	15	—	21	2	1
15	15	1	—	14	—	—	19	2	—	15	—	2
14	6	5	—	—	—	1	3	1	—	—	—	2
13	12	7	—	4	1	—	12	7	1	2	1	1
12	57	15	3	16	5	18	50	7	—	19	10	14

Total trips: 1,305

KELLEYS ISLAND, OH

	Inbound						Outbound					
Grand Total	6,089	5,917	—	83	89	—	5,694	5,511	—	88	95	—

DOMESTIC

Total	6,089	5,917	—	83	89	—	5,694	5,511	—	88	95	—
20	—	—	—	—	—	—	4	—	—	2	2	—
19	72	—	—	39	33	—	80	—	—	40	40	—
18	24	—	—	12	12	—	29	—	—	15	14	—
13	8	—	—	8	—	—	7	—	—	7	—	—
11	4	—	—	—	4	—	5	—	—	—	5	—
9	1	—	—	—	1	—	2	—	—	—	2	—
8	6	6	—	—	—	—	17	6	—	—	11	—
7	5,928	5,911	—	17	—	—	5,537	5,505	—	17	15	—
6	7	—	—	—	7	—	—	—	—	—	—	—
5	7	—	—	7	—	—	7	—	—	7	—	—
3	25	—	—	—	25	—	—	—	—	—	—	—
2	2	—	—	—	2	—	—	—	—	—	—	—
1	5	—	—	—	5	—	6	—	—	—	6	—

Total trips: 11,783

Trips and Drafts of Vessels, 2004
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
SANDUSKY HARBOR, OH												
	Inbound						Outbound					
Grand Total	180	174	—	2	4	—	192	186	—	2	4	—
FOREIGN												
Total	80	80	—	—	—	—	109	109	—	—	—	—
28	—	—	—	—	—	—	1	1	—	—	—	—
27	—	—	—	—	—	—	1	1	—	—	—	—
26	1	1	—	—	—	—	35	35	—	—	—	—
25	—	—	—	—	—	—	22	22	—	—	—	—
24	4	4	—	—	—	—	—	—	—	—	—	—
23	14	14	—	—	—	—	6	6	—	—	—	—
22	30	30	—	—	—	—	5	5	—	—	—	—
21	1	1	—	—	—	—	13	13	—	—	—	—
20	2	2	—	—	—	—	4	4	—	—	—	—
19	5	5	—	—	—	—	—	—	—	—	—	—
16	1	1	—	—	—	—	—	—	—	—	—	—
12	22	22	—	—	—	—	22	22	—	—	—	—
DOMESTIC												
Total	100	94	—	2	4	—	83	77	—	2	4	—
26	—	—	—	—	—	—	2	2	—	—	—	—
25	—	—	—	—	—	—	4	4	—	—	—	—
24	—	—	—	—	—	—	6	5	—	—	1	—
23	2	2	—	—	—	—	14	14	—	—	—	—
22	—	—	—	—	—	—	11	11	—	—	—	—
21	—	—	—	—	—	—	14	14	—	—	—	—
20	1	1	—	—	—	—	10	10	—	—	—	—
19	33	33	—	—	—	—	8	8	—	—	—	—
18	33	29	—	2	2	—	6	4	—	1	1	—
17	3	2	—	—	1	—	3	1	—	1	1	—
16	8	8	—	—	—	—	3	3	—	—	—	—
15	7	7	—	—	—	—	—	—	—	—	—	—
14	4	4	—	—	—	—	2	1	—	—	1	—
12	9	8	—	—	1	—	—	—	—	—	—	—
											Total trips:	372
HURON HARBOR, OH												
	Inbound						Outbound					
Grand Total	47	17	—	14	16	—	44	15	—	13	16	—
FOREIGN												
Total	4	4	—	—	—	—	2	2	—	—	—	—
21	—	—	—	—	—	—	2	2	—	—	—	—
20	2	2	—	—	—	—	—	—	—	—	—	—
18	1	1	—	—	—	—	—	—	—	—	—	—
17	1	1	—	—	—	—	—	—	—	—	—	—
DOMESTIC												
Total	43	13	—	14	16	—	42	13	—	13	16	—
29	11	—	—	—	11	—	—	—	—	—	—	—
28	2	—	—	—	2	—	—	—	—	—	—	—
27	3	2	—	—	1	—	—	—	—	—	—	—
26	15	4	—	11	—	—	10	—	—	10	—	—
25	8	6	—	—	2	—	—	—	—	—	—	—
22	3	—	—	3	—	—	14	—	—	3	11	—
21	1	1	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	12	12	—	—	—	—
16	—	—	—	—	—	—	1	1	—	—	—	—
12	—	—	—	—	—	—	5	—	—	—	5	—
											Total trips:	91

Trips and Drafts of Vessels, 2004
(draft in feet)

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

LORAIN HARBOR, OH

	Inbound						Outbound					
Grand Total	153	123	—	14	16	—	146	116	—	14	16	—

FOREIGN

Total	25	25	—	—	—	—	25	23	—	1	1	—
26	2	2	—	—	—	—	—	—	—	—	—	—
25	13	13	—	—	—	—	—	—	—	—	—	—
24	3	3	—	—	—	—	—	—	—	—	—	—
23	2	2	—	—	—	—	3	3	—	—	—	—
22	2	2	—	—	—	—	5	5	—	—	—	—
21	1	1	—	—	—	—	5	5	—	—	—	—
20	2	2	—	—	—	—	7	7	—	—	—	—
19	—	—	—	—	—	—	3	2	—	1	—	—
18	—	—	—	—	—	—	1	1	—	—	—	—
16	—	—	—	—	—	—	1	—	—	—	1	—

DOMESTIC

Total	128	98	—	14	16	—	121	93	—	13	15	—
27	11	11	—	—	—	—	—	—	—	—	—	—
26	45	44	—	—	1	—	2	2	—	—	—	—
25	8	7	—	—	1	—	—	—	—	—	—	—
24	3	3	—	—	—	—	2	2	—	—	—	—
23	6	2	—	2	2	—	1	1	—	—	—	—
22	13	3	—	5	5	—	1	1	—	—	—	—
21	4	4	—	—	—	—	—	—	—	—	—	—
20	5	5	—	—	—	—	1	1	—	—	—	—
19	10	4	—	—	6	—	28	28	—	—	—	—
18	7	7	—	—	—	—	22	10	—	6	6	—
17	2	2	—	—	—	—	11	11	—	—	—	—
16	2	2	—	—	—	—	15	15	—	—	—	—
15	—	—	—	—	—	—	4	4	—	—	—	—
14	—	—	—	—	—	—	5	1	—	—	4	—
13	6	—	—	6	—	—	6	—	—	6	—	—
12	6	4	—	1	1	—	23	17	—	1	5	—

Total trips: 299

CLEVELAND HARBOR, OH

	Inbound						Outbound					
Grand Total	1,327	835	18	231	208	35	1,298	820	15	227	194	42

FOREIGN

Total	371	251	18	51	42	9	367	254	14	50	39	10
27	3	3	—	—	—	—	—	—	—	—	—	—
26	59	58	—	—	1	—	1	1	—	—	—	—
25	22	22	—	—	—	—	—	—	—	—	—	—
24	38	37	—	—	1	—	11	11	—	—	—	—
23	31	17	—	—	14	—	52	49	—	—	3	—
22	54	48	—	—	6	—	25	25	—	—	—	—
21	35	30	1	—	4	—	25	25	—	—	—	—
20	23	12	7	—	4	—	18	17	—	—	1	—
19	24	6	—	14	4	—	22	21	—	—	1	—
18	33	10	10	7	6	—	89	63	—	26	—	—
17	14	8	—	3	—	3	46	41	—	4	1	—
16	19	—	—	16	2	1	6	—	—	6	—	—
15	8	—	—	6	—	2	23	1	13	6	3	—
14	7	—	—	4	—	3	30	—	1	6	23	—
13	—	—	—	—	—	—	3	—	—	—	3	—
12	1	—	—	1	—	—	16	—	—	2	4	10

DOMESTIC

Total	956	584	—	180	166	26	931	566	1	177	155	32
28	2	2	—	—	—	—	—	—	—	—	—	—
27	15	14	—	—	1	—	—	—	—	—	—	—
26	94	87	—	—	7	—	—	—	—	—	—	—
25	46	46	—	—	—	—	8	7	—	—	1	—
24	49	42	—	1	6	—	29	29	—	—	—	—
23	38	32	—	3	3	—	35	35	—	—	—	—
22	43	25	—	8	10	—	20	20	—	—	—	—
21	31	27	—	1	3	—	33	33	—	—	—	—
20	62	54	—	3	5	—	25	20	—	2	3	—

Trips and Drafts of Vessels, 2004
(draft in feet)

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

CLEVELAND HARBOR, OH - continued

	Inbound						Outbound					
DOMESTIC												
19	121	49	—	26	38	8	73	25	—	24	24	—
18	47	34	—	6	7	—	107	68	—	20	19	—
17	74	64	—	1	3	6	163	150	—	—	13	—
16	64	51	—	9	1	3	50	40	—	8	2	—
15	48	30	—	17	—	1	89	66	—	23	—	—
14	4	2	—	—	—	2	1	1	—	—	—	—
13	23	4	—	14	2	3	37	17	—	15	5	—
12	195	21	—	91	80	3	261	55	1	85	88	32
										Total trips:		2,625

FAIRPORT HARBOR, OH

	Inbound						Outbound					
Grand Total	380	314	—	29	37	—	386	322	—	27	37	—
FOREIGN												
Total	29	29	—	—	—	—	29	29	—	—	—	—
26	1	1	—	—	—	—	1	1	—	—	—	—
24	4	4	—	—	—	—	—	—	—	—	—	—
23	5	5	—	—	—	—	10	10	—	—	—	—
22	10	10	—	—	—	—	5	5	—	—	—	—
21	7	7	—	—	—	—	5	5	—	—	—	—
20	—	—	—	—	—	—	1	1	—	—	—	—
19	—	—	—	—	—	—	3	3	—	—	—	—
18	1	1	—	—	—	—	3	3	—	—	—	—
17	1	1	—	—	—	—	1	1	—	—	—	—
DOMESTIC												
Total	351	285	—	29	37	—	357	293	—	27	37	—
29	1	—	—	—	1	—	—	—	—	—	—	—
28	1	—	—	—	1	—	—	—	—	—	—	—
26	4	—	—	1	3	—	1	—	—	1	—	—
25	25	17	—	—	8	—	—	—	—	—	—	—
24	31	30	—	—	1	—	4	4	—	—	—	—
23	17	11	—	3	3	—	9	9	—	—	—	—
22	27	7	—	13	7	—	6	1	—	4	1	—
21	6	2	—	2	2	—	1	1	—	—	—	—
20	6	2	—	2	2	—	—	—	—	—	—	—
19	7	2	—	1	4	—	38	35	—	1	2	—
18	1	1	—	—	—	—	31	2	—	14	15	—
17	3	2	—	—	1	—	4	2	—	—	2	—
16	14	14	—	—	—	—	23	23	—	—	—	—
15	1	1	—	—	—	—	3	3	—	—	—	—
14	4	2	—	—	2	—	3	1	—	—	2	—
13	5	—	—	5	—	—	5	—	—	5	—	—
12	198	194	—	2	2	—	229	212	—	2	15	—
										Total trips:		766

ASHTABULA HARBOR, OH

	Inbound						Outbound					
Grand Total	394	347	—	24	23	—	387	346	—	20	21	—
FOREIGN												
Total	195	193	—	2	—	—	199	199	—	—	—	—
27	2	2	—	—	—	—	25	25	—	—	—	—
26	9	9	—	—	—	—	133	133	—	—	—	—
25	8	8	—	—	—	—	1	1	—	—	—	—
24	45	45	—	—	—	—	7	7	—	—	—	—
23	66	66	—	—	—	—	4	4	—	—	—	—
22	46	46	—	—	—	—	7	7	—	—	—	—
21	11	11	—	—	—	—	10	10	—	—	—	—
20	1	1	—	—	—	—	2	2	—	—	—	—
19	1	1	—	—	—	—	4	4	—	—	—	—
18	2	2	—	—	—	—	4	4	—	—	—	—
17	2	2	—	—	—	—	1	1	—	—	—	—
14	—	—	—	—	—	—	1	1	—	—	—	—

Trips and Drafts of Vessels, 2004
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
ASHTABULA HARBOR, OH - continued												
	Inbound						Outbound					
FOREIGN												
12	2	—	—	2	—	—	—	—	—	—	—	—
DOMESTIC												
Total	199	154	—	22	23	—	188	147	—	20	21	—
31	5	3	—	—	2	—	—	—	—	—	—	—
30	7	—	—	—	7	—	—	—	—	—	—	—
29	5	—	—	—	5	—	—	—	—	—	—	—
28	8	6	—	—	2	—	1	—	—	—	1	—
27	39	35	—	—	4	—	—	—	—	—	—	—
26	73	63	—	10	—	—	12	4	—	8	—	—
25	22	22	—	—	—	—	5	—	—	—	5	—
24	1	1	—	—	—	—	5	5	—	—	—	—
23	1	1	—	—	—	—	13	13	—	—	—	—
22	7	1	—	4	2	—	18	5	—	5	8	—
21	2	2	—	—	—	—	13	13	—	—	—	—
20	6	—	—	6	—	—	6	1	—	5	—	—
19	10	10	—	—	—	—	26	24	—	1	1	—
18	8	6	—	1	1	—	45	45	—	—	—	—
17	—	—	—	—	—	—	2	2	—	—	—	—
16	1	1	—	—	—	—	6	6	—	—	—	—
15	1	1	—	—	—	—	3	3	—	—	—	—
14	1	1	—	—	—	—	4	4	—	—	—	—
13	1	—	—	1	—	—	1	—	—	1	—	—
12	1	1	—	—	—	—	28	22	—	—	6	—
										Total trips:		781

CONNEAUT HARBOR, OH												
	Inbound						Outbound					
Grand Total	358	305	—	34	19	—	358	302	—	36	20	—
FOREIGN												
Total	153	133	—	18	2	—	153	129	—	22	2	—
27	2	2	—	—	—	—	16	16	—	—	—	—
26	13	13	—	—	—	—	80	80	—	—	—	—
25	2	2	—	—	—	—	4	4	—	—	—	—
24	33	33	—	—	—	—	2	2	—	—	—	—
23	47	47	—	—	—	—	3	3	—	—	—	—
22	13	13	—	—	—	—	4	4	—	—	—	—
21	5	5	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	8	8	—	—	—	—
18	—	—	—	—	—	—	11	10	—	1	—	—
16	1	—	—	1	—	—	1	—	—	1	—	—
15	1	—	—	1	—	—	1	—	—	1	—	—
14	1	—	—	—	1	—	—	—	—	—	—	—
12	35	18	—	16	1	—	23	2	—	19	2	—
DOMESTIC												
Total	205	172	—	16	17	—	205	173	—	14	18	—
29	7	—	—	—	7	—	—	—	—	—	—	—
28	6	6	—	—	—	—	—	—	—	—	—	—
27	30	30	—	—	—	—	—	—	—	—	—	—
26	18	18	—	—	—	—	9	9	—	—	—	—
25	11	11	—	—	—	—	9	1	—	—	8	—
24	4	4	—	—	—	—	1	1	—	—	—	—
23	4	4	—	—	—	—	14	9	—	1	4	—
22	—	—	—	—	—	—	11	11	—	—	—	—
21	1	1	—	—	—	—	23	23	—	—	—	—
20	7	—	—	7	—	—	42	32	—	9	1	—
19	6	6	—	—	—	—	68	65	—	—	3	—
18	16	10	—	3	3	—	11	8	—	1	2	—
17	6	3	—	—	3	—	6	6	—	—	—	—
16	68	68	—	—	—	—	2	2	—	—	—	—
15	1	1	—	—	—	—	2	2	—	—	—	—
14	5	1	—	—	4	—	—	—	—	—	—	—
13	6	—	—	6	—	—	3	—	—	3	—	—
12	9	9	—	—	—	—	4	4	—	—	—	—
										Total trips:		716

Trips and Drafts of Vessels, 2004
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
ERIE HARBOR, PA												
	Inbound						Outbound					
Grand Total	373	366	—	3	3	1	376	369	—	3	3	1
FOREIGN												
Total	2	1	—	—	—	1	2	1	—	—	—	1
25	1	—	—	—	—	1	1	—	—	—	—	1
21	1	1	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	1	1	—	—	—	—
DOMESTIC												
Total	371	365	—	3	3	—	374	368	—	3	3	—
27	2	2	—	—	—	—	—	—	—	—	—	—
26	6	6	—	—	—	—	—	—	—	—	—	—
25	8	7	—	—	1	—	1	—	—	—	1	—
24	5	5	—	—	—	—	1	1	—	—	—	—
23	5	3	—	1	1	—	—	—	—	—	—	—
22	4	4	—	—	—	—	1	1	—	—	—	—
21	4	4	—	—	—	—	3	3	—	—	—	—
20	1	—	—	1	—	—	1	—	—	1	—	—
19	2	2	—	—	—	—	2	2	—	—	—	—
18	1	1	—	—	—	—	7	5	—	1	1	—
17	—	—	—	—	—	—	8	8	—	—	—	—
16	1	1	—	—	—	—	5	5	—	—	—	—
15	1	1	—	—	—	—	1	1	—	—	—	—
14	1	1	—	—	—	—	4	4	—	—	—	—
13	326	326	—	—	—	—	—	—	—	—	—	—
12	4	2	—	1	1	—	340	338	—	1	1	—
											Total trips:	749
DUNKIRK HARBOR, NY												
	Inbound						Outbound					
Grand Total	47	47	—	—	—	—	50	50	—	—	—	—
FOREIGN												
Total	—	—	—	—	—	—	1	1	—	—	—	—
16	—	—	—	—	—	—	1	1	—	—	—	—
DOMESTIC												
Total	47	47	—	—	—	—	49	49	—	—	—	—
19	46	46	—	—	—	—	—	—	—	—	—	—
17	1	1	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	49	49	—	—	—	—
											Total trips:	97
BUFFALO HARBOR, NY												
	Upbound						Downbound					
Grand Total	88	80	—	6	2	—	87	79	—	6	2	—
FOREIGN												
Total	51	44	—	6	1	—	42	35	—	6	1	—
26	3	3	—	—	—	—	4	4	—	—	—	—
24	2	2	—	—	—	—	—	—	—	—	—	—
23	1	1	—	—	—	—	—	—	—	—	—	—
22	4	4	—	—	—	—	14	14	—	—	—	—
21	5	5	—	—	—	—	9	9	—	—	—	—
20	2	2	—	—	—	—	2	2	—	—	—	—
19	—	—	—	—	—	—	1	1	—	—	—	—
17	20	20	—	—	—	—	1	1	—	—	—	—
16	3	3	—	—	—	—	—	—	—	—	—	—
14	4	—	—	4	—	—	4	—	—	4	—	—
12	7	4	—	2	1	—	7	4	—	2	1	—

Trips and Drafts of Vessels, 2004
(draft in feet)

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

BUFFALO HARBOR, NY - continued

Upbound

Downbound

DOMESTIC

Total	37	36	—	—	1	—	45	44	—	—	1	—
26	—	—	—	—	—	—	4	4	—	—	—	—
25	—	—	—	—	—	—	6	6	—	—	—	—
24	—	—	—	—	—	—	7	6	—	—	1	—
23	—	—	—	—	—	—	6	6	—	—	—	—
22	—	—	—	—	—	—	11	11	—	—	—	—
21	—	—	—	—	—	—	2	2	—	—	—	—
20	1	1	—	—	—	—	—	—	—	—	—	—
19	8	8	—	—	—	—	—	—	—	—	—	—
18	11	11	—	—	—	—	—	—	—	—	—	—
17	1	—	—	—	1	—	—	—	—	—	—	—
16	7	7	—	—	—	—	1	1	—	—	—	—
15	—	—	—	—	—	—	1	1	—	—	—	—
14	2	2	—	—	—	—	—	—	—	—	—	—
12	7	7	—	—	—	—	7	7	—	—	—	—
Total trips:											175	

NIAGARA RIVER, NY

Upbound

Downbound

Grand Total	78	22	—	29	11	16	84	21	—	34	—	29
--------------------	-----------	-----------	---	-----------	-----------	-----------	-----------	-----------	---	-----------	---	-----------

FOREIGN

Total	22	—	—	11	11	—	2	—	—	1	—	1
17	—	—	—	—	—	—	1	—	—	—	—	1
16	11	—	—	11	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	1	—	—	1	—	—
12	11	—	—	—	11	—	—	—	—	—	—	—

DOMESTIC

Total	56	22	—	18	—	16	82	21	—	33	—	28
21	—	—	—	—	—	—	19	19	—	—	—	—
20	—	—	—	—	—	—	1	1	—	—	—	—
19	—	—	—	—	—	—	15	1	—	—	—	14
18	1	1	—	—	—	—	—	—	—	—	—	—
17	2	2	—	—	—	—	1	—	—	—	—	1
16	19	19	—	—	—	—	—	—	—	—	—	—
15	17	—	—	17	—	—	33	—	—	32	—	1
14	1	—	—	—	—	1	—	—	—	—	—	—
12	16	—	—	1	—	15	13	—	—	1	—	12
Total trips:											162	

PORT OF BUFFALO, NY

Inbound

Outbound

Grand Total	170	100	—	40	2	28	167	102	—	35	13	17
--------------------	------------	------------	---	-----------	----------	-----------	------------	------------	---	-----------	-----------	-----------

FOREIGN

Total	44	35	—	7	1	1	73	44	—	17	12	—
26	4	4	—	—	—	—	3	3	—	—	—	—
24	—	—	—	—	—	—	2	2	—	—	—	—
23	—	—	—	—	—	—	1	1	—	—	—	—
22	14	14	—	—	—	—	4	4	—	—	—	—
21	9	9	—	—	—	—	5	5	—	—	—	—
20	2	2	—	—	—	—	2	2	—	—	—	—
19	1	1	—	—	—	—	—	—	—	—	—	—
17	2	1	—	—	—	1	20	20	—	—	—	—
16	—	—	—	—	—	—	14	3	—	11	—	—
14	5	—	—	5	—	—	4	—	—	4	—	—
12	7	4	—	2	1	—	18	4	—	2	12	—

DOMESTIC

Total	126	65	—	33	1	27	94	58	—	18	1	17
26	4	4	—	—	—	—	—	—	—	—	—	—
25	6	6	—	—	—	—	—	—	—	—	—	—

Trips and Drafts of Vessels, 2004
(draft in feet)

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

PORT OF BUFFALO, NY - continued

	Inbound						Outbound					
DOMESTIC												
24	7	6	—	—	1	—	—	—	—	—	—	—
23	6	6	—	—	—	—	—	—	—	—	—	—
22	11	11	—	—	—	—	—	—	—	—	—	—
21	21	21	—	—	—	—	—	—	—	—	—	—
20	1	1	—	—	—	—	1	1	—	—	—	—
19	15	1	—	—	—	14	8	8	—	—	—	—
18	—	—	—	—	—	—	12	12	—	—	—	—
17	1	—	—	—	—	1	3	2	—	—	1	—
16	1	1	—	—	—	—	26	26	—	—	—	—
15	34	1	—	32	—	1	17	—	—	17	—	—
14	—	—	—	—	—	—	3	2	—	—	—	1
12	19	7	—	1	—	11	24	7	—	1	—	16
										Total trips:		337

OSWEGO HARBOR, NY

	Upbound						Downbound					
Grand Total	188	73	23	47	2	43	185	74	23	45	3	40
FOREIGN												
Total	172	73	23	39	2	35	177	74	23	41	3	36
25	—	—	—	—	—	—	1	1	—	—	—	—
24	—	—	—	—	—	—	1	1	—	—	—	—
22	—	—	—	—	—	—	27	24	2	—	—	1
21	—	—	—	—	—	—	51	37	14	—	—	—
20	1	1	—	—	—	—	12	5	7	—	—	—
19	3	3	—	—	—	—	15	3	—	—	—	12
18	37	27	9	1	—	—	17	2	—	1	1	13
17	56	42	2	12	—	—	13	—	—	12	—	1
16	22	—	9	13	—	—	17	—	—	15	—	2
15	5	—	3	2	—	—	7	—	—	2	—	5
14	9	—	—	7	—	2	8	—	—	7	—	1
12	39	—	—	4	2	33	8	1	—	4	2	1
										Total trips:		373

BARCELONA HARBOR, NY
No Vessel Trips Reported

CAPE VINCENT, NY
No Vessel Trips Reported

GREAT SODUS BAY HARBOR, NY
No Vessel Trips Reported

IRONDEQUOIT BAY HARBOR, NEW YORK
No Vessel Trips Reported

NIAGARA FALLS, NY
No Vessel Trips Reported

Trips and Drafts of Vessels, 2004
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
OGDENSBURG HARBOR, NY (26 feet and less)												
				Inbound							Outbound	
Grand Total	29	29	—	—	—	—	34	34	—	—	—	—
										Total trips:		63
PORT CLINTON HARBOR, OH (4 feet and less)												
				Inbound							Outbound	
Grand Total	2,604	2,604	—	—	—	—	2,604	2,604	—	—	—	—
										Total trips:		5,208
ROCHESTER (CHARLOTTE) HARBOR, NY (27 feet and less)												
				Inbound							Outbound	
Grand Total	36	36	—	—	—	—	32	32	—	—	—	—
										Total trips:		68
SACKETS HARBOR, NY (3 feet and less)												
				Inbound							Outbound	
Grand Total	16	16	—	—	—	—	16	16	—	—	—	—
										Total trips:		32
TONAWANDA HARBOR, NY No Vessel Trips Reported												
VERMILION HARBOR, OH No Vessel Trips Reported												
WADDINGTON HARBOR, NY No Vessel Trips Reported												

Trips and Drafts of Vessels, 2004
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
ILLINOIS RIVER, IL												
				Upbound						Downbound		
Grand Total	24,621	—	—	5,743	15,859	3,019	25,371	—	—	4,602	17,661	3,108
DOMESTIC												
Total	24,621	—	—	5,743	15,859	3,019	25,371	—	—	4,602	17,661	3,108
12	38	—	—	1	10	27	23	—	—	1	19	3
11	122	—	—	16	41	65	158	—	—	11	107	40
10	357	—	—	46	115	196	342	—	—	40	146	156
9	5,166	—	—	1,043	2,839	1,284	7,600	—	—	1,004	6,247	349
8	6,739	—	—	1,554	4,663	522	7,872	—	—	1,529	5,813	530
7	2,341	—	—	1,744	501	96	932	—	—	565	316	51
6	1,066	—	—	845	179	42	1,155	—	—	929	139	87
5	430	—	—	358	61	11	413	—	—	389	17	7
4	180	—	—	118	58	4	171	—	—	117	3	51
3	132	—	—	—	116	16	135	—	—	—	17	118
2	8,028	—	—	16	7,257	755	6,545	—	—	15	4,825	1,705
1	22	—	—	2	19	1	25	—	—	2	12	11
										Total trips:		49,992
CALUMET-SAG CHANNEL, IL												
				Upbound						Downbound		
Grand Total	4,913	—	—	546	4,025	342	4,396	2	—	542	3,544	308
FOREIGN												
Total	—	—	—	—	—	—	2	—	—	1	—	1
12	—	—	—	—	—	—	2	—	—	1	—	1
DOMESTIC												
Total	4,913	—	—	546	4,025	342	4,394	2	—	541	3,544	307
12	6	—	—	—	1	5	2	2	—	—	—	—
11	16	—	—	1	14	8	8	—	—	1	7	—
10	60	—	—	15	32	13	47	—	—	18	18	11
9	1,671	—	—	59	1,528	84	721	—	—	51	629	41
8	1,837	—	—	171	1,605	61	999	—	—	176	786	37
7	415	—	—	193	199	23	343	—	—	192	138	13
6	98	—	—	6	76	16	60	—	—	7	52	1
5	141	—	—	99	31	11	107	—	—	95	10	2
4	30	—	—	—	15	15	6	—	—	—	3	3
3	20	—	—	—	13	7	13	—	—	—	9	4
2	607	—	—	—	506	101	2,079	—	—	—	1,886	193
1	12	—	—	2	5	5	9	—	—	1	6	2
										Total trips:		9,309
CHICAGO SANITARY AND SHIP CANAL, IL												
				Upbound						Downbound		
Grand Total	14,631	2	—	3,090	9,931	1,608	13,594	—	—	2,950	8,929	1,715
FOREIGN												
Total	2	—	—	1	—	1	—	—	—	—	—	—
12	2	—	—	1	—	1	—	—	—	—	—	—
DOMESTIC												
Total	14,629	2	—	3,089	9,931	1,607	13,594	—	—	2,950	8,929	1,715
12	14,629	2	—	3,089	9,931	1,607	13,594	—	—	2,950	8,929	1,715
										Total trips:		28,225

Trips and Drafts of Vessels, 2004
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
ILLINOIS WATERWAY, IL												
			Upbound					Downbound				
Grand Total	30,596	2	—	7,852	19,403	3,339	30,141	—	—	6,373	20,398	3,370
FOREIGN												
Total 12	2 2	—	—	1 1	—	1	—	—	—	—	—	—
DOMESTIC												
Total 12	30,594 30,594	2 2	—	7,851 7,851	19,403 19,403	3,338 3,338	30,141 30,141	—	—	6,373 6,373	20,398 20,398	3,370 3,370
										Total trips:		60,737

FREIGHT TRAFFIC INDEX

A	
ALGOMA HARBOR, WI	47
ALGONAC, MI	47
ALPENA HARBOR, MI	30
ASHLAND HARBOR, WI	47
ASHTABULA HARBOR, OH	56
AU SABLE HARBOR AND RIVER (OSCODA), MI.	47
B	
BARCELONA HARBOR, NY	61
BAYFIELD HARBOR, WI.	47
BIG BAY HARBOR, MI.	47
BLACK RIVER HARBOR, MI.	47
BUFFALO HARBOR, NY	58
BUFFALO, NY DISTRICT	51
BUFFALO, NY, PORT OF	59
BUFFALO HARBOR, NY	58
NIAGARA RIVER, NY	59
BUFFINGTON HARBOR, IN	15
BURNS WATERWAY HARBOR, IN	13
C	
CALCITE, MI	45
CALUMET HARBOR AND RIVER, IL AND IN.	6
CALUMET-SAG CHANNEL, IL.	64
CAPE VINCENT, NY	61
CASEVILLE, MI	47
CEDAR RIVER HARBOR, MI	47
CHANNELS IN LAKE ST. CLAIR	35
CHARLEVOIX HARBOR, MI	24
CHEBOYGAN HARBOR, MI	27
CHICAGO HARBOR, IL	15
CHICAGO RIVER (MAIN AND NORTH BRANCH), IL.	3
CHICAGO RIVER, (SOUTH BRANCH), IL	4
CHICAGO SANITARY AND SHIP CANAL, IL	65
CHICAGO, IL DISTRICT	3
CHICAGO, IL, PORT OF	9
CALUMET HARBOR AND RIVER, IL AND IN	6
CALUMET-SAG CHANNEL, IL	64
CHICAGO HARBOR, IL	15
CHICAGO RIVER (MAIN AND NORTH BRANCH), IL	3
CHICAGO RIVER, (SOUTH BRANCH), IL	4
CHICAGO SANITARY AND SHIP CANAL, IL.	65
LAKE CALUMET, IL	5
CHIPPEWA HARBOR (ISLE ROYALE), MI	47
CLEVELAND HARBOR, OH	54
CLINTON RIVER, MICHIGAN	47
CONNEAUT HARBOR, OH	57
CORNUCOPIA HARBOR, WI	47
D	
DETOUR, MI AND VICINITY	47
DETROIT HARBOR, MI	40
DETROIT HARBOR, WI	47
DETROIT RIVER, MI.	37
DETROIT, MI DISTRICT	16
DETROIT, MI, PORT OF	43
DETROIT HARBOR, MI	40
ECORSE, MI.	42
ROUGE RIVER, MI	41
TRENTON, MI	49
WYANDOTTE, MI	49
DRUMMOND ISLAND, MI	19
DULUTH-SUPERIOR HARBOR, MN AND WI	16
DUNKIRK HARBOR, NY	58
E	
EAGLE HARBOR, MI.	47
ECORSE, MI	42
ERIE HARBOR, PA	57
ESCANABA, MI	45

FREIGHT TRAFFIC INDEX

F	
FAIRPORT HARBOR, OH	56
FRANKFORT HARBOR, MI	47
FREIGHT TONS CARRIED ON GREAT LAKES BY AREA	xi
FREIGHT TONS CARRIED ON GREAT LAKES BY TYPE OF TRAFFIC AND COMMODITY	iii
G	
GARY HARBOR, IN	15
GLADSTONE HARBOR, MI	47
GRAND HAVEN HARBOR AND GRAND RIVER, MI	26
GRAND MARAIS HARBOR (HARBOR OF REFUGE), MI	47
GRAND MARAIS HARBOR, MN	47
GRAND TRAVERSE BAY HARBOR, MI	47
GRAYS REEF PASSAGE, MI	23
GREAT SODUS BAY HARBOR, NY	61
GREEN BAY HARBOR, WI	29
H	
HARBOR BEACH, MI (HARBOR OF REFUGE, LAKE HURON)	48
HARRISVILLE HARBOR, MI (HARBOR OF REFUGE, LAKE HURON)	48
HOLLAND HARBOR, MI	26
HURON HARBOR, OH	53
I	
ILLINOIS RIVER, IL	62
ILLINOIS WATERWAY, IL (CONSOLIDATED REPORT)	67
CALUMET-SAG CHANNEL, IL	64
CHICAGO RIVER, (SOUTH BRANCH), IL	4
CHICAGO SANITARY AND SHIP CANAL, IL	65
ILLINOIS RIVER, IL	62
INDIANA HARBOR, IN	11
IRONDEQUOIT BAY HARBOR, NEW YORK	61
K	
KELLEYS ISLAND, OH	52
KENOSHA HARBOR, WI	48
KEWAUNEE HARBOR, WI	48
KEWEENAW WATERWAY, MI	48
KNIFE RIVER HARBOR, MN	48
L	
LA POINTE HARBOR, WI	48
LAC LA BELLE HARBOR, MI	48
LAKE CALUMET, IL	5
LELAND HARBOR, MI	48
LIME ISLAND, MI	48
LORAIN HARBOR, OH	54
LUDINGTON HARBOR, MI	25
M	
MACKINAC HARBOR, MI	48
MACKINAW CITY HARBOR, MI	48
MANISTEE HARBOR, MI	24
MANISTIQUE HARBOR, MI	48
MANITOWOC HARBOR, WI	29
MARBLEHEAD, OH	50
MARINE CITY, MI	35
MARQUETTE HARBOR, MI	18
MARYSVILLE, MI	34
MENOMINEE HARBOR AND RIVER, MI AND WI	31
MICHIGAN CITY HARBOR, IN	15
MILWAUKEE HARBOR, WI	28
MONROE HARBOR, MI	44
MUSKEGON HARBOR, MI	25
N	
NEW BUFFALO HARBOR, MI	48
NIAGARA FALLS, NY	61
NIAGARA RIVER, NY	59

FREIGHT TRAFFIC INDEX

O	
OCONTO HARBOR, WI	48
OGDENSBURG HARBOR, NY	61
ONTONAGON HARBOR, MI	48
OSWEGO HARBOR, NY	60
P	
PENSAUKEE HARBOR, WI	48
PENTWATER HARBOR, MI	48
PORT CLINTON HARBOR, OH	61
PORT DOLOMITE, MI	50
PORT GYPSUM, MI	50
PORT HURON, MI	49
PORT INLAND, MI	50
PORT OF BUFFALO, NY	59
PORT OF CHICAGO, IL	9
PORT OF DETROIT, MI	43
PORT SANILAC HARBOR, MI	49
PORT WASHINGTON HARBOR, WI	49
PORT WING HARBOR, WI	49
PRESQUE ISLE HARBOR, MI	18
PUT-IN-BAY HARBOR, OH	49
R	
RACINE HARBOR, WI	49
ROCHESTER (CHARLOTTE) HARBOR, NY	61
ROCK ISLAND, IL DISTRICT	62
ROGERS CITY, MI	49
ROUGE RIVER, MI	41
S	
SACKETS HARBOR, NY	61
SAGINAW RIVER, MI	31
SANDUSKY HARBOR, OH	53
SAUGATUCK HARBOR AND KALAMAZOO RIVER, MI	49
SAULT STE. MARIE, MI	19
SEBEWAING, MI	49
SHEBOYGAN HARBOR, WI	49
SILVER BAY, MN	50
SOUTH HAVEN HARBOR, MI	49
ST. CLAIR RIVER, MI	32
ST. CLAIR, MI	35
ST. JAMES (BEAVER ISLAND), MI	49
ST. JOSEPH HARBOR, MI	27
ST. MARYS FALLS CANAL, MI AND SAULT STE. MARIE, ONTARIO SHIP CANAL, CN (INCLUDED IN ST. MARYS RIVER)	22
ST. MARYS RIVER, MI	20
STONEPORT, MI	46
STURGEON BAY AND LAKE MICHIGAN SHIP CANAL, WI	49
SUMMARY OF GREAT LAKES TRAFFIC:	
FREIGHT TONS CARRIED ON GREAT LAKES BY AREA	xi
FREIGHT TONS CARRIED ON GREAT LAKES BY TYPE OF TRAFFIC AND COMMODITY	xii
TON-MILEAGE OF FREIGHT CARRIED ON GREAT LAKES BY AREA	x
T	
TACONITE HARBOR, MN	17
TOLEDO HARBOR, OH	51
TONAWANDA HARBOR, NY	61
TON-MILEAGE OF FREIGHT CARRIED ON GREAT LAKES BY AREA	x
TRAVERSE CITY HARBOR, MI	49
TRENTON, MI	49
TWO HARBORS (AGATE BAY), MN	16
TWO RIVERS HARBOR, WI	49
V	
VERMILION HARBOR, OH	61
W	
WADDINGTON HARBOR, NY	61
WARROAD HARBOR, MN	49
WAUKEGAN HARBOR, IL	3
WHITE LAKE HARBOR, MI	49
WHITEFISH POINT HARBOR, MI	49
WYANDOTTE, MI	49

TRIPS AND DRAFTS INDEX

A	
ALGOMA HARBOR, WI	98
ALGONAC, MI	98
ALPENA HARBOR, MI	88
ASHLAND HARBOR, WI	98
ASHTABULA HARBOR, OH	107
AU SABLE HARBOR AND RIVER (OSCODA), MI.	98
B	
BARCELONA HARBOR, NY	111
BAYFIELD HARBOR, WI.	98
BIG BAY HARBOR, MI	98
BLACK RIVER HARBOR, MI.	98
BUFFALO HARBOR, NY	109
BUFFALO, NY DISTRICT	104
BUFFALO, NY, PORT OF	110
BUFFALO HARBOR, NY	109
NIAGARA RIVER, NY	110
BUFFINGTON HARBOR, IN	77
BURNS WATERWAY HARBOR, IN	76
C	
CALCITE, MI	96
CALUMET HARBOR AND RIVER, IL AND IN	74
CALUMET-SAG CHANNEL, IL	113
CAPE VINCENT, NY	111
CASEVILLE, MI	98
CEDAR RIVER HARBOR, MI	98
CHANNELS IN LAKE ST. CLAIR	92
CHARLEVOIX HARBOR, MI	83
CHEBOYGAN HARBOR, MI	86
CHICAGO HARBOR, IL	76
CHICAGO RIVER (MAIN AND NORTH BRANCH), IL	73
CHICAGO RIVER, (SOUTH BRANCH), IL	73
CHICAGO SANITARY AND SHIP CANAL, IL	113
CHICAGO, IL DISTRICT	73
CHICAGO, IL, PORT OF	75
CALUMET HARBOR AND RIVER, IL AND IN.	74
CALUMET-SAG CHANNEL, IL.	113
CHICAGO HARBOR, IL	76
CHICAGO RIVER (MAIN AND NORTH BRANCH), IL	73
CHICAGO RIVER, (SOUTH BRANCH), IL	73
CHICAGO SANITARY AND SHIP CANAL, IL	113
LAKE CALUMET, IL	73
CHIPPEWA HARBOR (ISLE ROYALE), MI	98
CLEVELAND HARBOR, OH	106
CLINTON RIVER, MI	99
CONNEAUT HARBOR, OH	108
CORNUCOPIA HARBOR, WI	99
D	
DETOUR, MI AND VICINITY	99
DETROIT HARBOR, MI	93
DETROIT HARBOR, WI	99
DETROIT RIVER, MI	93
DETROIT, MI DISTRICT	78
DETROIT, MI, PORT OF	95
DETROIT HARBOR, MI	93
ECORSE, MI.	95
ROUGE RIVER, MI	94
TRENTON, MI	102
WYANDOTTE, MI	102
DRUMMOND ISLAND, MI	80
DULUTH-SUPERIOR HARBOR, MN AND WI	78
DUNKIRK HARBOR, NY	109
E	
EAGLE HARBOR, MI.	99
ECORSE, MI	95
ERIE HARBOR, PA	109
ESCANABA, MI	97

TRIPS AND DRAFTS INDEX

F	
FAIRPORT HARBOR, OH	107
FRANKFORT HARBOR, MI	99
G	
GARY HARBOR, IN	77
GLADSTONE HARBOR, MI	99
GRAND HAVEN HARBOR AND GRAND RIVER, MI	85
GRAND MARAIS HARBOR (HARBOR OF REFUGE), MI	99
GRAND MARAIS HARBOR, MN	99
GRAND TRAVERSE BAY HARBOR, MI	99
GRAYS REEF PASSAGE, MI	82
GREAT SODUS BAY HARBOR, NY	111
GREEN BAY HARBOR, WI	88
H	
HARBOR BEACH, MI (HARBOR OF REFUGE, LAKE HURON)	99
HARRISVILLE HARBOR, MI (HARBOR OF REFUGE, LAKE HURON)	99
HOLLAND HARBOR, MI	86
HURON HARBOR, OH	105
I	
ILLINOIS RIVER, IL	113
ILLINOIS WATERWAY, IL (CONSOLIDATED REPORT)	114
CALUMET-SAG CHANNEL, IL	113
CHICAGO RIVER, (SOUTH BRANCH), IL	73
CHICAGO SANITARY AND SHIP CANAL, IL	113
ILLINOIS RIVER, IL	113
INDIANA HARBOR, IN	75
IRONDEQUOIT BAY HARBOR, NEW YORK	111
K	
KELLEYS ISLAND, OH	104
KENOSHA HARBOR, WI	99
KEWAUNEE HARBOR, WI	99
KEWEENAW WATERWAY, MI	100
KNIFE RIVER HARBOR, MN	100
L	
LA POINTE HARBOR, WI	100
LAC LA BELLE HARBOR, MI	100
LAKE CALUMET, IL	73
LELAND HARBOR, MI	100
LIME ISLAND, MI	100
LORAIN HARBOR, OH	106
LUDINGTON HARBOR, MI	84
M	
MACKINAC HARBOR, MI	100
MACKINAW CITY HARBOR, MI	100
MANISTEE HARBOR, MI	84
MANISTIQUE HARBOR, MI	100
MANITOWOC HARBOR, WI	87
MARBLEHEAD, OH	102
MARINE CITY, MI	91
MARQUETTE HARBOR, MI	80
MARYSVILLE, MI	90
MENOMINEE HARBOR AND RIVER, MI AND WI	89
MICHIGAN CITY HARBOR, IN	77
MILWAUKEE HARBOR, WI	87
MONROE HARBOR, MI	96
MUSKEGON HARBOR, MI	84
N	
NEW BUFFALO HARBOR, MI	100
NIAGARA FALLS, NY	111
NIAGARA RIVER, NY	110
O	
OCONTO HARBOR, WI	100
OGDENSBURG HARBOR, NY	112
ONTONAGON HARBOR, MI	100
OSWEGO HARBOR, NY	111

TRIPS AND DRAFTS INDEX

P

PENSAUKEE HARBOR, WI	100
PENTWATER HARBOR, MI	100
PORT CLINTON HARBOR, OH	112
PORT DOLOMITE, MI	102
PORT GYPSUM, MI	102
PORT HURON, MI	101
PORT INLAND, MI	103
PORT OF BUFFALO, NY	110
PORT OF CHICAGO, IL	75
PORT OF DETROIT, MI	95
PORT SANILAC HARBOR, MI	101
PORT WASHINGTON HARBOR, WI	101
PORT WING HARBOR, WI	101
PRESQUE ISLE HARBOR, MI	79
PUT-IN-BAY HARBOR, OH	101

R

RACINE HARBOR, WI	101
ROCHESTER (CHARLOTTE) HARBOR, NY	112
ROCK ISLAND, IL DISTRICT	113
ROGERS CITY, MI	101
ROUGE RIVER, MI.	94

S

SACKETS HARBOR, NY	112
SAGINAW RIVER, MI	89
SANDUSKY HARBOR, OH	105
SAUGATUCK HARBOR AND KALAMAZOO RIVER, MI	101
SAULT STE. MARIE, MI	80
SEBEWAING, MI	101
SHEBOYGAN HARBOR, WI	101
SILVER BAY, MN	103
SOUTH HAVEN HARBOR, MI	101
ST. CLAIR RIVER, MI	90
ST. CLAIR, MI	91
ST. JAMES (BEAVER ISLAND), MI	101
ST. JOSEPH HARBOR, MI.	86
ST. MARYS FALLS CANAL, MI AND SAULT STE. MARIE, ONTARIO SHIP CANAL, CN (INCLUDED IN ST. MARYS RIVER)	82
ST. MARYS RIVER, MI.	81
STONEPORT, MI	97
STURGEON BAY AND LAKE MICHIGAN SHIP CANAL, WI	102

T

TACONITE HARBOR, MN	79
TOLEDO HARBOR, OH	104
TONAWANDA HARBOR, NY	112
TRAVERSE CITY HARBOR, MI	102
TRENTON, MI	102
TWO HARBORS (AGATE BAY), MN	78
TWO RIVERS HARBOR, WI	102

V

VERMILION HARBOR, OH	112
--------------------------------	-----

W

WADDINGTON HARBOR, NY	112
WARROAD HARBOR, MN	102
WAUKEGAN HARBOR, IL	73
WHITE LAKE HARBOR, MI.	102
WHITEFISH POINT HARBOR, MI	102
WYANDOTTE, MI.	102

ORDERING GUIDE FOR THE NAVIGATION DATA CENTER REPORTS

Waterborne Commerce, Vessel and Locks Statistics

<u>Title</u>	<u>Sales Price</u>
Waterborne Commerce of the United States (WCUS)	
Part 5 WCUS, National Summaries	4.00
1st Class Postage	3.00
Public Domain Database (Area to Area or State to State)	
Hardcopy	15.00
Diskette.	5.00
Waterborne Transportation Lines of the United States (WTLUS)	
Volume 1 National Summaries	2.00
1st Class Postage	2.00

Complimentary Copies

The U.S. Waterway System - FACTS
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.

(09/30/2006)

Ordering Guide for Port Series Reports

<u>NO.</u>		<u>Date of Publication</u>	<u>Sales Price</u>
1	Portland and Searsport, ME, and Portsmouth, NH	2001	\$ 18.00
3	Boston, MA	1994	20.00
4	Ports of Southern New England (Bridgeport, CT; New Haven, CT; Connecticut River, CT; New London, CT; Providence, RI; Fall River, MA; New Bedford, MA; Fairhaven, MA)	1994	24.00
5	New York, NY, and NJ, and Ports on Long Island, NY	1999	56.00
6	Albany and Ports on the Hudson River, NY	1996	18.00
8	Philadelphia, PA; Camden, NJ; Wilmington, DE; and Ports on Delaware River	1998	25.00
10	Baltimore, MD	2000	22.00
11	Ports of Hampton Roads, and Ports on the James and York Rivers, VA	1993	36.00
12	Wilmington and Morehead City, NC	1997	24.00
13	Charleston and Georgetown, SC	1997	15.00
14	Savannah and Brunswick, GA	2000	21.00
15	Jacksonville and Fernandina Beach, FL	1997	15.00
16	Miami, Port Everglades, Palm Beach, and Port Canaveral, FL	1999	40.00
17	The Ports of Tampa and Port Manatee, FL	1996	21.00
18	Mobile, AL	1998	11.00
19	Panama City and Penscola, FL; Pascagoula and Gulfport, MS; and Ports on the Apalachicola, Chattahoochee, and Flint Rivers	1998	25.00
20	New Orleans, LA	2002	38.00
20A	Mississippi River Ports Below and Above New Orleans, LA	2003	40.00
21	Baton Rouge and Lake Charles, LA	2002	39.00
22	Port Arthur, Beaumont, and Orange, TX	2001	33.50
23	Galveston and Texas City, TX	1996	21.00
24	Houston, TX	1999	36.00
25	Corpus Christi, TX	2003	26.00
26	Freeport, Point Comfort/Port Lavaca, Brownsville, and Ports along Gulf Intracoastal Waterway, TX	2003	36.00
27	San Diego, CA	1998	29.00
28	The Ports of Long Beach, Los Angeles and Port Hueneme, CA	1996	28.00
30	San Francisco, Redwood City, and Humboldt Bay, CA	2000	17.00
31	Oakland, Alameda, Richmond, and Ports on Carquinez Strait, CA	2000	22.00
32	Sacramento, Stockton, Pittsburg and Antioch, Ca	1996	28.00
33	Ports on the Oregon Coast	2001	13.50
34	Port of Portland, OR and Ports on the Columbia-Snake River System (Astoria, The Dalles, Boardman, and Umatilla, OR; Longview, Kalama, Vancouver, Pasco/ Kennewick, Wilma, and Clarkston, WA; and Lewiston, ID)	1996	44.00
35	Tacoma, Olympia and Grays Harbor, WA	2003	21.00
36	Seattle, WA	2002	25.00
37	Port Angeles, Port Townsend, Everett, Anacortes, and Bellingham, WA.	1998	12.00
38	Southeast Alaska (Metlakatla, Ketchikan, Hollis, Thorne Bay, Hydaburg, Craig, Klawock, Wrangell, Petersburg, Kake, Juneau, Angoon, Haines, Skagway, Sitka, Pelican, Gustavus, Hoonah, and Yakutat)	2003	37.00
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
50	Ports of Hawaii (Honolulu, Port Allen, Nawiliwili, Kahului, Kuanakakai, Kawaihae, and Hilo)	1999	19.00
60	Pittsburgh, PA, and Ports on the Ohio, Monongahela, and Allegheny Rivers, PA	1992	17.00
61	Huntington, WV, Ports on Ohio River (Miles 40-317), and Kanawha River, WV	1992	17.00
62	Cincinnati, OH, and Ports on Ohio River (Miles 317-560)	1991	12.00
63	Louisville, KY, Ports on Ohio River (Miles 560-980), and Cumberland and Green Rivers	1992	14.00
64	Ports on Tennessee River, Tennessee-Tombigbee and Black Warrior-Tombigbee Waterways, and Alabama River	1998	46.00
65	Ports on Illinois Waterway (Miles 0-291), Grafton to Lockport, IL	1994	17.00
68	Ports on the Arkansas, Red and Ouachita River Systems and Missouri River	2002	34.00
69	Minneapolis-St. Paul, MN, and Ports on Upper Mississippi River (Miles 300-860 AOR)	1994	40.00
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

Port Series reports may be ordered from the Navigation Data Center (CEIWR-NDC-N), 7701 Telegraph Road, Casey Building, Alexandria, VA 22315-3868. Federal law requires advance payment for all purchases. Check or money order (in U.S. funds) should be made payable to the Superintendent of Documents. Telephone/telex orders are accepted and can be charged to Visa, Master Card, Discover/Novus, American Express, and Superintendent of Documents accounts. (Publications are mailed postpaid (4th Class Mail) on the same day that order is received unless a prepaid, alternate delivery method is specified. Prices are subject to change without notice.
Contact: Navigation Data Center - voice: (703) 428-9061 FAX: (703) 428-6047

For a review of other services provided through the Navigation Data Center, please contact the Internet Access NDC Home Page at <http://www.iwr.usace.army.mil/ndc> or for E-mail: CEIWR-NDC.WEBMASTER@usace.army.mil.
(7/30/2004)

REPORT DOCUMENTATION PAGE

Form Approved
OMB No. 0704-0188

The public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0704-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number.

PLEASE DO NOT RETURN YOUR FORM TO THE ABOVE ADDRESS. RETURN COMPLETED FORM TO

1. REPORT DATE (DD-MM-YYYY) 04/21/2006		2. REPORT TYPE Annual		3. DATES COVERED (From - To) 01/01/2004 31/12/2004	
4. TITLE AND SUBTITLE Waterborne Commerce of the United States Calendar Year - 2004 Part 3, Waterways and Harbors, Great Lakes				5a. CONTRACT NUMBER	
				5b. GRANT NUMBER	
				5c. PROGRAM ELEMENT NUMBER	
6. AUTHOR(S) Department of the Army Corps of Engineers				5d. PROJECT NUMBER	
				5e. TASK NUMBER	
				5f. WORK UNIT NUMBER	
7. PERFORMING ORGANIZATION NAME AND ADDRESS U.S. Army Corps of Engineers Waterborne Commerce Statistics Center P.O. Box 61280 New Orleans, LA 70161-1280				8. PERFORMING ORGANIZATION REPORT NUMBER CEIWR-WCUS-04-3	
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(S) U.S. Army Corps of Engineers Headquarters 441 G. Street Washington D.C. 20314-1000				10. SPONSOR/MONITOR'S ACRONYM(S)	
				11. SPONSOR/MONITOR'S REPORT NUMBERS(S)	
12. DISTRIBUTION AVAILABILITY STATEMENT Unclassified/Unlimited					
13. SUPPLEMENTARY NOTES Available from: National Technical Information Services (NTS) 5285 Port Royal Road, Springfield, VA 22161					
14. ABSTRACT Waterborne Commerce of the United States (WCUS), Part 3, Calendar Year 2004, is one of a series of five (5) publications containing statistics on the commercial movement of foreign and domestic cargo. WCUS, Part 3, presents detailed data by commodity and traffic for the waterways and harbors of the Great Lakes. The statistics include commodities given in short tons (2000 lbs) and vessel trips for the harbors and waterways.					
15. SUBJECT TERMS Waterborne Commerce Statistics, Domestic Commerce, Water Transportation, Freight Traffic, Commodity Flows					
16. SECURITY CLASSIFICATION OF:			17. LIMITATION OF ABSTRACT	18. NUMBER OF PAGES	19a. NAME OF RESPONSIBLE PERSON
a. REPORT	b. ABSTRACT	c. THIS PAGE			David L. Penick Director/WCSC
Unclas	Unclas	Unclas	Unl	141	19b. TELEPHONE NUMBER (include area code) (504) 862-1400

PART 3 - GREAT LAKES

WATERBORNE COMMERCE OF THE UNITED STATES - 2004