
WATERBORNE COMMERCE OF THE UNITED STATES

Calendar Year 2001

Part 5—
National Summaries



Compiled under the supervision of
the Institute for Water Resources
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Introduction

General

Waterborne Commerce of the United States, **WCUS, Part 5** is one of a series of publications which provides statistics on the foreign and domestic waterborne commerce moved on the United States waters. **WCUS, Parts 1-4** present detailed data on the movements of vessels and commodities at the ports and harbors and on the waterways and canals of the United States, and its territories. **WCUS, Part 5** provides a condensation of this detailed information thereby providing the decision makers a broad perspective of commerce served by the U.S. waterways and ports.

WCUS, Part 5 provides extensive graphic and tabular displays of both current waterborne traffic and historic levels. Statistics are aggregated by region, state, port and waterway for comparative purposes.

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

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

WCUS, Part 1 Atlantic Coast

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

WCUS, Part 3 Great Lakes

WCUS, Part 4 Pacific Coast, Alaska and Hawaii

WCUS, Part 5 National Summaries

Legal Authority

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

Owners, agents, masters, and clerks of vessels and other craft plying upon the navigable waters of the United States, and

all individuals and corporations engaged in transporting their own goods upon the navigable waters of the United States, shall furnish such statements relative to vessels, passengers, freight, and tonnage as may be required by the Secretary of the Army: Provided, That this provision shall not apply to those rafting logs except upon a direct request upon the owner to furnish specific information.

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

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

Domestic Commerce

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

The waterborne traffic movements are reported to the Corps of Engineers by all vessel operators of record on ENG Forms 3925 and 3925b (or equivalent) approved by the Office of Management and Budget under the Paperwork Reduction Act (44 U.S.C. 3510(a)). The reports are generally submitted on the basis of individual vessel movements completed. For movements with cargo, the point of loading and the point of unloading of each individual commodity must be delineated. Cargo moved for the military agencies in commercial vessels is reported as ordinary commercial cargo; military cargo moved in Department of Defense vessels is 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.

Beginning in 1996, fish are excluded from internal and intraport domestic traffic. The fish landing data in Table 4-3 is furnished by the National Marine Fisheries Service.

In tables containing domestic tonnage totals for the U.S., the commodity "Waterway Improvement Materials" is not included. "Waterway Improvement Materials" tonnage is included in domestic ports, waterways and waterway systems. This is the same procedure that has been used in years prior to 1990; therefore, the tonnages for years 1990 and later are comparable to tonnages in years prior to 1990.

Foreign Commerce

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

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

Customs Service. Foreign cargo is matched to the vessel moves to improve geographic specificity.

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

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

Commodity Descriptions

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

Tonnage

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

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

Ton-miles shown in Part 5 are national totals. For domestic movements, ton-miles equal the cargo tonnage times the distance between the point of loading on the water and the point of unloading on the water. For U.S. - Canada movements on the Great Lakes, ton-miles equal

the tonnage times the distance between the U.S. and Canadian locations. For overseas imports and exports, foreign ton-miles are computed by multiplying the cargo tonnage by the miles carried on U.S. waterways and channels. Ton-miles are rounded to the nearest million ton-miles.

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, 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 the 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 westwardly 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 Industrial Trade Classification (SITC) Revision 3 commodity codes. SITC, Rev. 3 commodity codes conform to the Harmonized Commodity Description and Coding System (HS). Using SITC, Rev. 3 allows direct comparisons with U.S. imports and exports, as well as with commodity movements of other countries.

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

Where noted, tonnage figures are rounded to the nearest million. A zero represents less than 500,000 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: Ton-miles in Part 5 are national totals. Water carriage ton-miles were first compiled and published in calendar year 1962. The distances used are statute miles.

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

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

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

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

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

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

Ton-miles are rounded to the nearest million.

Trip Ton-miles: Trip ton-miles is a measure of a single waterway's contribution to the whole waterway system. Trip ton-miles are computed by identifying every commercial cargo-carrying vessel that has plied a particular inland waterway and summing the products of the tons times the total trip-miles for each vessel trip. "Trip-miles" is the total distance from origin to destination. For example, a barge carrying 1200 tons of wheat might only travel 30 miles on the Illinois River but its total trip to New Orleans might be 1000 miles. This trip would contribute 1,200,000 trip ton-miles to the Illinois River. Small rivers often contribute to the traffic on larger rivers.

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

Commodity Classification List

Major Grouping

Minor Grouping

Pub Group Pub Name

00 Units

0200 Vehicles
0300 Passengers

10 Coal

1100 Coal
1200 Coal Coke

20 Petroleum & Petroleum Products

21 Crude Petroleum

2100 Crude Petroleum

22-29 Petroleum Products

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

30 Chemicals and Related Products

31 Fertilizers

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

32 Other Chemicals and

Related Products

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

Major Grouping

Minor Grouping

Pub Group Pub Name

3281 Radioactive Material
3282 Pigments & Paints
3283 Coloring Mat. NEC
3284 Medicines
3285 Perfumes & Cleansers
3286 Plastics
3291 Pesticides
3292 Starches, Gluten, Glue
3293 Explosives
3297 Chemical Additives
3298 Wood & Resin Chem.
3299 Chem. Products NEC

40 Crude Materials, Inedible Except Fuels

41 Forest Products, Wood and Chips

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

42 Pulp and Waste Paper

4225 Pulp & Waste Paper

43 Soil, Sand, Gravel, Rock and Stone

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

44 Iron Ore and Scrap

4410 Iron Ore
4420 Iron & Steel Scrap

45 Marine Shells

4515 Marine Shells

46 Non-Ferrous Ores and Scrap

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

47 Sulphur, Clay and Salt

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

48 Slag

4860 Slag

Commodity Classification List (continued)

Major GroupingMinor GroupingPub Group Pub Name

- 49 Other Non-Metal. Min.
 - 4900 Non-Metal. Min. NEC
- 50 Primary Manufactured Goods
 - 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

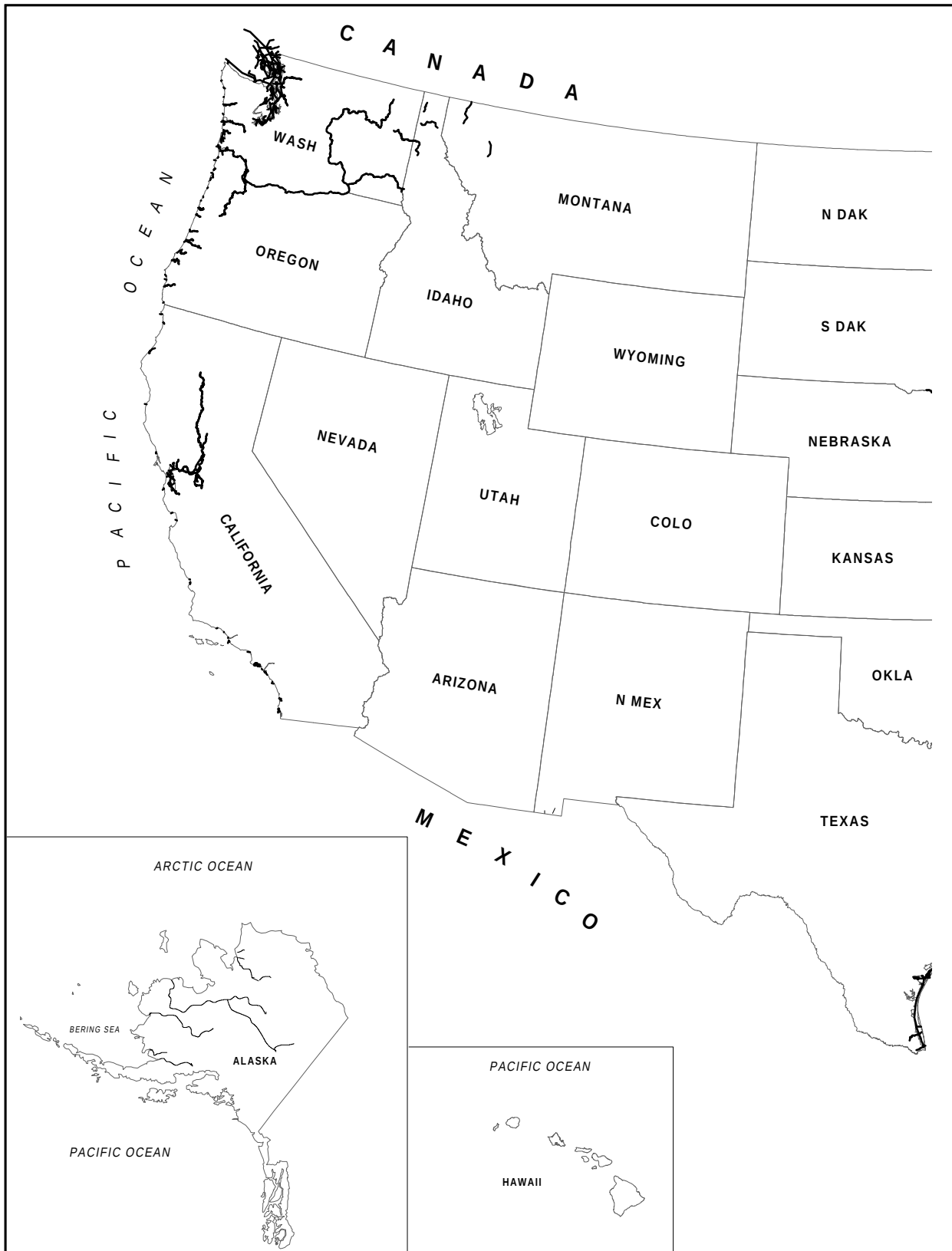
Major GroupingMinor GroupingPub Group Pub Name

- 6781 Hay & Fodder
- 6782 Animal Feed, Prep.
- 68 Other Agricultural Products
 - 6811 Meat, Fresh, Frozen
 - 6817 Meat, Prepared
 - 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

Section 1

National Summaries

Figure 1-1: MAJOR WATERWAYS



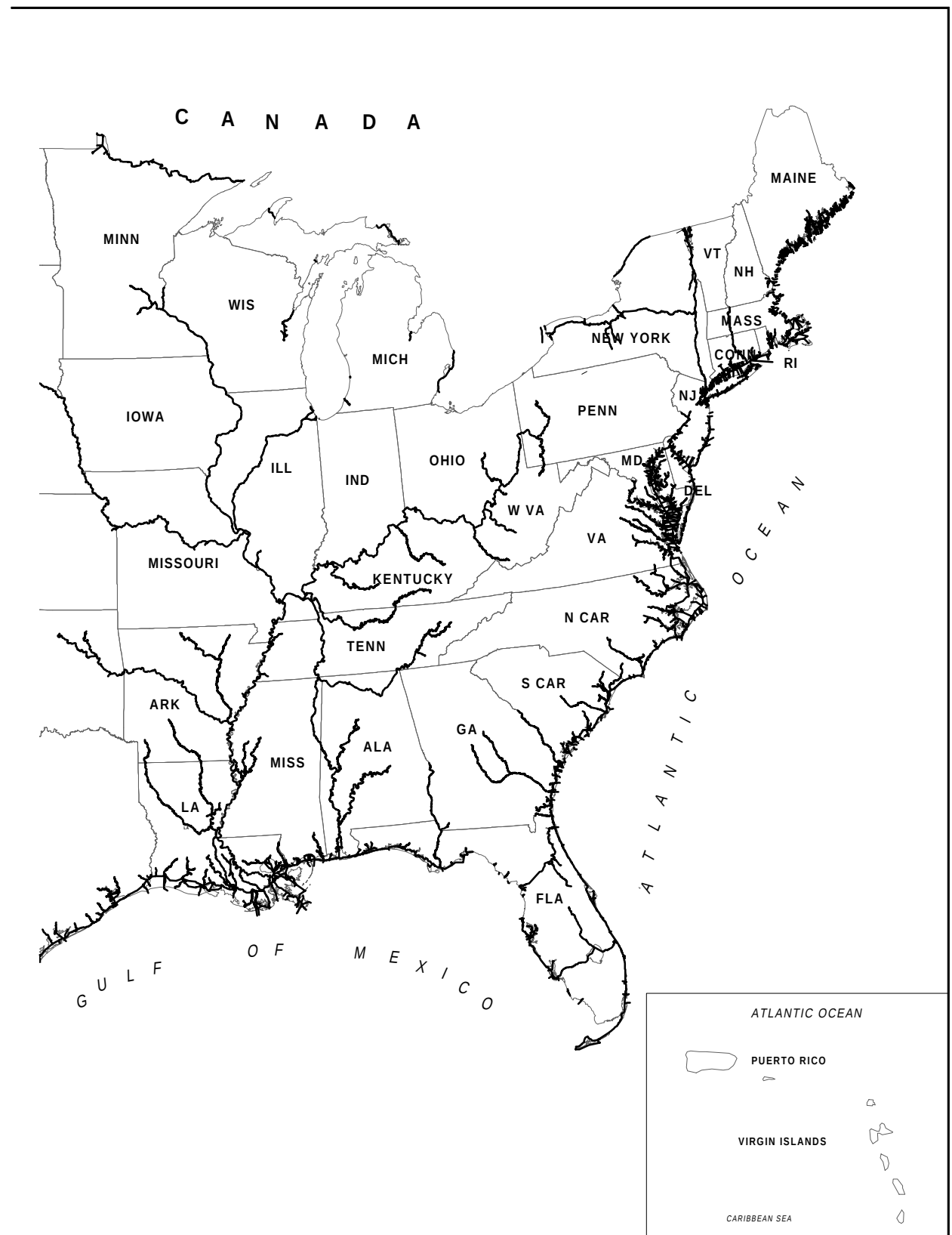


Figure 1-2
TOTAL WATERBORNE COMMERCE OF THE U.S., 1962-2001
(million short tons)

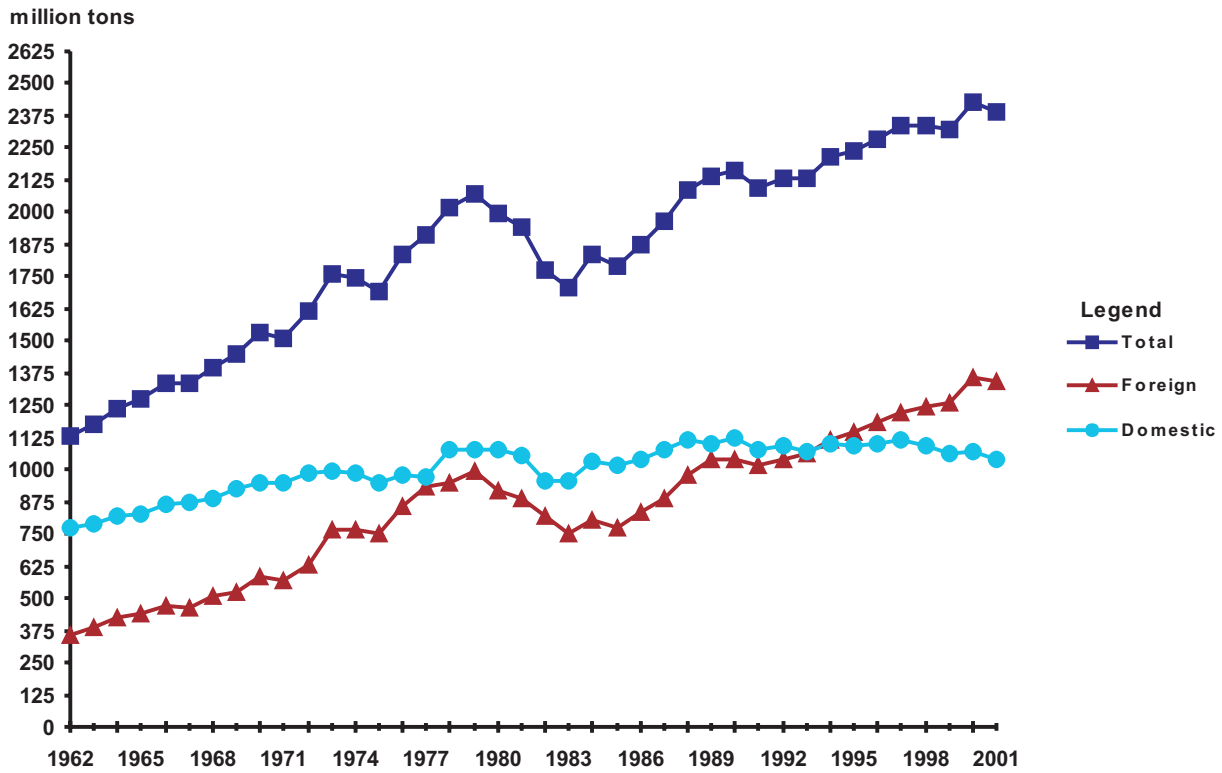


Table 1-1: TOTAL WATERBORNE COMMERCE OF THE U.S., 1962-2001
(in short tons of 2000 pounds)

Year	Total	Foreign	Domestic
1962	1,129,404,375	358,599,030	770,805,345
1963	1,173,766,964	385,658,999	788,107,965
1964	1,238,093,573	421,925,133	816,168,440
1965	1,272,896,243	443,726,809	829,169,434
1966	1,334,116,078	471,391,083	862,724,995
1967	1,336,606,078	465,972,238	870,633,840
1968	1,395,839,450	507,950,002	887,889,448
1969	1,448,711,541	521,312,362	927,399,179
1970	1,531,696,507	580,969,133	950,727,374
1971	1,512,583,690	565,985,584	946,598,106
1972	1,616,792,605	629,980,844	986,811,761
1973	1,761,552,010	767,393,903	994,158,107
1974	1,746,788,544	764,088,905	982,699,639
1975	1,695,034,366	748,707,407	946,326,959
1976	1,835,006,819	855,963,909	979,042,910
1977	1,908,223,619	935,256,813	972,966,806
1978	2,021,349,754	946,057,889	1,075,291,865
1979	2,073,757,628	993,444,963	1,080,312,665
1980	1,998,887,402	921,404,000	1,077,483,402
1981	1,941,558,947	887,102,150	1,054,456,797
1982	1,776,740,579	819,730,983	957,009,596
1983	1,707,661,011	751,140,194	956,520,817
1984	1,836,020,619	803,338,133	1,032,682,486
1985	1,788,434,822	774,323,283	1,014,111,539
1986	1,874,416,280	837,223,503	1,037,192,777
1987	1,967,458,261	890,980,045	1,076,478,216
1988	2,087,993,484	976,220,985	1,111,772,499
1989	2,140,442,372	1,037,910,213	1,102,532,159
1990	2,163,854,373	1,041,555,740	1,122,298,633
1991	2,092,108,462	1,013,557,036	1,078,551,426
1992	2,132,095,154	1,037,466,130	1,094,629,024
1993	2,128,221,188	1,060,041,217	1,068,179,971
1994	2,214,754,086	1,115,742,828	1,099,011,258
1995	2,240,393,059	1,147,357,782	1,093,035,277
1996	2,284,065,249	1,183,386,621	*1,100,678,628
1997	2,333,142,046	1,220,615,132	1,112,526,914
1998	2,339,500,081	1,245,388,049	1,094,112,032
1999	2,322,557,251	1,260,770,656	1,061,786,595
2000	2,424,588,877	1,354,790,984	1,069,804,693
2001	2,386,557,759	1,344,085,586	1,042,472,173

* Beginning in 1996, fish was excluded for internal and intraport domestic traffic.

Table 1-2: FOREIGN WATERBORNE COMMERCE OF THE U.S., 1962-2001
(in short tons of 2000 pounds)

Year	Inbound				Outbound			
	Total	Coastal	Great Lakes		Total	Total	Great Lakes	
			Canadian	Overseas			Canadian	Overseas
1962	222,689,941	207,040,920	14,487,847	1,161,174	135,909,089	110,492,248	20,484,581	4,932,260
1963	227,375,671	209,369,531	16,495,342	1,510,798	158,283,328	129,781,571	24,455,139	4,046,618
1964	248,585,715	224,433,206	22,118,397	2,034,112	173,339,418	142,874,452	24,866,892	5,598,074
1965	269,834,819	244,874,087	21,059,701	3,901,031	173,891,990	142,121,011	25,692,770	6,078,209
1966	283,847,300	257,173,478	22,585,271	4,088,551	187,543,783	155,759,371	24,905,662	6,878,750
1967	275,965,191	248,245,275	23,269,404	4,450,512	190,007,047	162,443,124	21,896,595	5,667,328
1968	310,936,331	278,826,933	25,658,847	6,450,551	197,013,671	166,579,691	24,444,154	5,989,826
1969	320,293,084	295,647,991	19,770,247	4,874,846	201,019,278	168,944,254	25,235,730	6,839,294
1970	339,339,772	312,933,583	21,820,193	4,585,996	241,629,361	205,697,712	29,146,465	6,785,184
1971	359,745,840	333,776,713	19,104,708	6,864,419	206,239,744	172,758,807	24,757,317	8,723,620
1972	397,565,612	372,417,770	18,861,084	6,286,758	232,415,232	197,430,445	25,352,496	9,632,291
1973	490,088,015	461,828,145	22,988,904	5,270,966	277,305,888	238,807,467	28,435,708	10,062,713
1974	497,282,811	473,940,012	19,027,376	4,315,423	266,806,094	238,686,754	23,342,970	4,776,370
1975	476,572,426	455,117,218	18,121,866	3,333,342	272,134,891	236,707,996	28,707,321	6,719,574
1976	570,318,893	539,674,048	25,845,506	4,799,339	285,645,016	250,632,668	28,050,680	6,961,668
1977	658,136,893	625,308,679	25,416,264	7,411,950	277,119,920	240,784,157	27,741,857	8,593,906
1978	643,186,863	616,140,827	19,916,819	7,129,217	302,871,026	259,316,657	30,961,456	12,592,913
1979	632,995,657	607,898,526	19,450,918	5,646,213	360,449,306	311,786,293	37,964,841	10,698,172
1980	517,521,121	502,005,866	13,414,205	2,101,050	403,882,879	358,805,981	37,216,588	7,860,310
1982	416,621,434	402,511,218	11,541,473	2,568,743	403,109,549	366,825,117	29,701,691	6,582,741
1983	387,847,325	371,773,135	13,080,460	2,993,730	363,292,869	330,955,677	26,794,890	5,542,302
1984	427,139,571	409,295,162	12,922,699	4,921,710	376,198,562	335,269,229	32,286,050	8,643,283
1985	412,687,350	395,577,007	11,916,969	5,193,374	361,635,933	327,425,824	27,727,141	6,482,968
1986	486,073,464	472,230,980	9,597,544	4,244,940	351,150,039	319,163,161	25,248,144	6,738,734
1987	507,704,274	493,828,182	10,040,313	3,835,779	383,275,771	351,226,492	26,766,116	5,283,163
1988	549,897,111	534,043,106	11,720,685	4,133,320	426,323,874	389,686,249	31,651,401	4,986,224
1989	589,504,121	571,732,624	13,535,132	4,236,365	448,406,092	411,338,444	31,936,141	5,131,507
1990	599,969,567	582,411,718	14,534,942	3,022,907	441,586,173	408,688,047	29,561,192	3,336,934
1991	555,354,134	541,066,623	12,078,748	2,208,763	458,202,902	430,654,747	25,178,669	2,369,486
1992	586,708,302	571,286,921	11,965,503	3,455,878	450,757,828	420,666,674	27,978,689	2,112,465
1993	648,783,131	630,700,438	13,680,579	4,402,114	411,258,086	385,697,690	22,914,344	2,646,052
1994	719,497,159	696,468,970	17,045,105	5,983,084	396,245,669	369,138,035	23,844,491	3,263,143
1995	672,657,412	653,760,004	15,635,613	3,261,795	474,700,370	441,732,416	29,182,948	3,785,006
1996	732,592,335	708,089,695	19,081,763	5,420,877	450,794,286	418,939,647	28,335,088	3,519,551
1997	788,302,568	763,770,891	19,984,130	4,547,547	432,312,564	399,103,578	29,718,807	3,490,179
1998	840,680,379	815,122,429	19,645,061	5,912,889	404,707,670	367,831,224	32,290,468	4,585,978
1999	860,775,000	838,578,522	18,112,543	4,083,935	399,995,656	359,762,874	36,256,293	3,976,489
2000	939,748,625	915,831,649	19,369,124	4,547,852	415,042,359	374,911,407	36,295,686	3,835,266
2001	945,074,862	923,053,698	18,920,172	3,100,992	399,010,724	358,491,239	37,350,838	3,168,647

Table 1-3: DOMESTIC WATERBORNE COMMERCE OF THE U.S., 1962-2001
(in short tons of 2000 pounds)

Year	Total	Coastwise	Lakewise	Internal	Intraport	Intra-territory
1962	770,805,345	215,460,882	135,743,781	316,061,877	102,277,229	1,261,576
1963	788,107,965	213,853,293	141,741,152	331,902,484	98,980,624	1,630,412
1964	816,168,440	205,687,985	151,404,618	357,916,216	99,579,422	1,580,199
1965	829,169,434	201,508,107	153,695,242	369,615,461	102,865,022	1,485,602
1966	862,724,995	208,374,966	164,036,995	389,851,631	99,214,579	1,246,824
1967	870,633,840	214,646,527	153,596,684	398,592,679	102,320,054	1,477,896
1968	887,889,448	214,250,535	151,115,936	430,174,303	90,730,336	1,618,338
1969	927,399,179	216,707,773	160,843,835	460,944,875	87,536,483	1,366,213
1970	950,727,374	238,440,385	157,058,867	472,123,417	81,474,805	1,629,900
1971	946,598,106	242,916,056	140,954,956	479,217,765	81,252,652	2,256,677
1972	986,811,761	242,660,087	145,013,420	506,989,242	90,266,095	1,882,917
1973	994,158,107	236,794,660	156,620,831	503,236,890	93,222,623	4,283,103
1974	982,699,639	233,358,124	146,067,270	511,021,978	88,197,576	4,054,691
1975	946,326,959	231,932,437	129,331,161	503,932,258	78,279,224	2,851,879
1976	979,042,910	236,278,624	132,112,775	523,972,573	83,731,092	2,947,846
1977	972,966,806	248,083,336	109,079,945	528,704,658	83,444,472	3,654,395
1978	1,075,291,865	305,342,824	142,662,552	534,508,943	89,506,584	3,270,962
1979	1,080,312,665	304,665,522	143,563,644	534,969,167	93,113,665	4,000,667
1980	1,077,483,402	329,608,613	115,124,231	534,979,027	94,183,696	3,587,835
1981	1,054,456,797	321,989,988	115,418,165	520,668,720	93,249,873	3,130,051
1982	957,009,596	311,058,264	72,084,986	495,453,486	75,601,691	2,811,169
1983	956,520,817	309,636,759	83,446,847	487,132,248	73,144,961	3,160,002
1984	1,032,682,486	307,652,127	98,010,499	542,502,695	81,110,880	3,406,285
1985	1,014,111,539	309,801,605	91,987,003	534,658,233	74,263,246	3,401,452
1986	1,037,192,777	308,024,669	87,352,525	560,499,024	77,357,617	3,958,942
1987	1,076,478,216	323,518,318	96,483,652	569,826,970	81,951,080	4,698,196
1988	1,111,772,499	325,176,859	109,664,111	588,118,666	83,689,494	5,123,369
1989	1,102,532,159	302,026,859	109,086,425	606,005,956	80,207,745	5,205,174
1990	1,122,298,633	298,636,988	110,159,406	622,595,330	86,377,845	4,529,064
1991	1,078,551,426	294,542,786	103,426,933	600,386,004	75,634,960	4,558,743
1992	1,094,629,024	285,130,765	107,398,037	621,037,417	76,817,429	4,245,376
1993	1,068,179,971	271,717,424	109,853,847	607,253,349	74,390,472	4,964,879
1994	1,099,011,258	277,029,286	114,777,289	618,408,708	82,870,326	5,925,649
1995	1,093,035,277	266,612,137	116,126,515	620,324,217	83,104,283	6,868,125
1996	1,100,678,628	267,388,864	114,870,355	*622,081,474	*89,010,522	7,327,413
1997	1,112,526,914	263,145,835	122,734,048	630,558,223	89,816,062	6,272,746
1998	1,094,112,032	249,633,315	122,156,449	625,028,190	90,076,701	7,217,377
1999	1,061,786,595	228,801,887	113,887,247	624,574,894	88,649,805	5,872,762
2000	1,069,797,893	226,937,548	114,352,406	628,444,991	94,558,249	5,504,699
2001	1,042,472,173	223,605,585	100,002,083	619,783,990	93,222,071	5,858,444

* Beginning in 1996, fish was excluded for internal and intraport domestic traffic.

Table 1-4: TOTAL WATERBORNE COMMERCE, 1982-2001
TON-MILES, SHORT TONS AND AVERAGE HAUL *** BY TYPE OF TRAFFIC

Year	Grand Total	Foreign			Domestic				
		Great Lakes Ports		Coastal Ports	Total	Coastwise	Lakewise	Internal	Intraport
		Total	Ports						
Ton-Miles*** (millions)									
1982	964,896.9	78,428.2	*27,165.5	**51,262.7	886,468.7	632,707.1	35,623.3	217,026.7	1,111.7
1983	989,161.6	69,596.0	*24,309.4	**45,286.7	919,565.6	649,749.5	43,088.2	225,628.3	1,099.7
1984	966,478.2	78,758.2	*32,249.4	**46,508.8	887,720.0	593,923.1	49,784.4	242,855.4	1,157.1
1985	964,911.2	71,941.2	*27,171.8	**44,769.4	892,970.0	610,976.5	48,184.0	232,707.5	1,102.0
1986	944,910.5	71,509.4	*24,235.3	**47,274.2	873,401.0	580,888.7	43,198.2	248,116.9	1,197.3
1987	968,403.7	72,988.2	*22,003.3	**50,985.0	895,415.5	586,818.4	50,076.7	257,336.4	1,183.9
1988	970,685.0	80,656.6	*24,448.4	**56,208.2	890,028.4	561,594.9	58,159.5	269,035.7	1,238.4
1989	911,232.2	95,682.3	*27,118.9	**68,563.4	815,549.9	483,888.6	58,307.6	272,157.4	1,196.3
1990	+932,151.4	+98,607.6	*24,330.8	**74,276.9	833,543.8	479,133.6	60,929.9	292,393.3	1,087.0
1991	+938,671.3	+90,272.3	*17,102.6	**73,169.7	848,399.0	502,133.0	55,339.1	289,959.0	968.0
1992	+949,344.7	+92,660.1	*21,027.6	**71,632.5	856,684.6	502,311.0	55,784.6	297,638.7	950.3
1993	+882,605.8	+92,947.9	*26,106.8	**66,841.1	789,657.9	448,404.2	56,438.1	283,893.6	921.9
1994	909,405.0	94,485.8	*28,299.6	**66,186.2	814,919.2	457,600.7	58,263.4	297,762.4	1,292.7
1995	914,362.5	106,634.9	*31,656.5	**74,978.4	807,727.7	440,345.1	59,703.8	306,329.1	1,349.6
1996	870,193.4	105,506.9	*34,259.9	**71,247.0	764,686.5	408,086.1	58,335.3	296,790.6	1,474.5
1997	813,800.1	106,390.2	*32,535.9	**73,854.3	707,409.9	349,843.0	62,165.9	294,023.0	1,378.1
1998	780,449.8	107,704.5	*34,136.7	**73,567.8	672,795.3	314,863.9	61,654.3	294,896.4	1,380.7
1999	764,447.5	108,585.9	*34,846.7	**73,739.2	655,861.5	292,730.0	57,045.2	304,724.1	1,362.2
2000	763,421.1	117,621.8	*38,623.3	**78,998.5	645,799.3	283,871.6	57,879.1	302,558.4	1,490.2
2001	736,499.3	114,813.1	*36,580.2	**78,232.9	621,686.2	274,558.8	50,853.5	294,860.9	1,413.0
Tons (millions)									
1982	1,773.9	819.7	50.4	769.3	954.2	311.1	72.1	495.5	75.6
1983	1,704.5	751.1	48.4	702.7	953.4	309.6	83.4	487.1	73.1
1984	1,832.6	803.3	58.8	744.6	1,029.3	307.7	98.0	542.5	81.1
1985	1,785.0	774.3	51.3	723.0	1,010.7	309.8	92.0	534.7	74.3
1986	1,870.5	837.2	45.8	791.4	1,033.2	308.0	87.4	560.5	77.4
1987	1,962.8	891.0	45.9	845.1	1,071.8	323.5	96.5	569.8	82.0
1988	2,082.9	976.2	52.5	923.7	1,106.6	325.2	109.7	588.1	83.7
1989	2,135.2	1,037.9	54.8	983.1	1,097.3	302.0	109.1	606.0	80.2
1990	2,159.3	1,041.6	50.5	991.1	1,117.8	298.6	110.2	622.5	86.4
1991	2,087.6	1,013.6	41.8	971.8	1,074.0	294.5	103.4	600.4	75.6
1992	2,127.9	1,037.5	45.5	992.0	1,090.4	285.1	107.4	621.0	76.8
1993	2,123.3	1,060.0	43.6	1,016.4	1,063.2	271.7	109.8	607.3	74.4
1994	2,208.8	1,115.7	50.1	1,065.6	1,093.1	277.0	114.8	618.4	82.9
1995	2,233.5	1,147.4	51.9	1,095.5	1,086.2	266.6	116.1	620.3	83.1
1996	2,276.7	1,183.4	56.4	1,127.0	1,093.4	267.4	114.9	++622.1	++89.0
1997	2,326.9	1,220.6	57.7	1,162.9	1,106.3	263.1	122.7	630.6	89.8
1998	2,332.3	1,245.4	62.4	1,183.0	1,086.9	249.6	122.2	625.0	90.1
1999	2,316.7	1,260.8	62.4	1,198.3	1,055.9	228.8	113.9	624.6	88.60
2000	2,419.1	1,354.8	64.0	1,290.7	1,064.3	226.9	114.4	628.4	94.6
2001	2,380.7	1,344.1	62.5	1,281.5	1,036.6	223.6	100.0	619.8	93.2

* Based on distance transported on Great Lakes and St. Lawrence River to International Boundary at St. Regis, Quebec, Canada

** Based on distance transported on United States Waterways from entrance channels to ports and waterways.

*** Excludes intra-territory traffic for which ton-miles were not compiled.

+ An error in the routing network caused the coastal port foreign ton-mile totals to be slightly inflated for calendar years 1990-1993. The corrections are reflected in these revised totals. Ton-miles for individual ports were not affected.

++ Beginning in 1996, fish was excluded.

+++ "Average Haul" is the average distance a ton of cargo travels by water. It is computed by dividing the number of ton-miles by the number of tons.

Table 1-4: TOTAL WATERBORNE COMMERCE, 1982-2001
TON-MILES, SHORT TONS AND AVERAGE HAUL+++ BY TYPE OF TRAFFIC
 (continued)

Year	Grand Total	Foreign			Domestic				
		Total	Great Lakes Ports	Coastal Ports	Total	Coastwise	Lakewise	Internal	Intraport
Average Haul*** (miles)									
1982	543.9	95.7	539.1	66.6	929.0	2,034.0	494.2	438.0	14.7
1983	580.3	92.7	502.1	64.4	964.6	2,098.4	516.4	463.2	15.0
1984	527.4	98.4	548.7	62.5	862.5	1,930.5	508.0	448.0	14.3
1985	540.5	92.9	529.5	61.9	883.5	1,972.2	523.8	435.2	14.8
1986	505.2	85.4	528.8	59.7	845.3	1,885.9	494.5	442.7	15.5
1987	493.3	81.9	479.1	60.3	835.4	1,813.9	519.0	451.6	14.4
1988	464.9	82.6	465.8	60.8	804.3	1,727.0	530.3	457.5	14.8
1989	426.8	92.3	494.5	69.7	743.2	1,602.1	534.5	449.1	14.9
1990	+431.7	+94.7	482.2	+74.9	745.7	1,604.4	553.1	469.7	12.6
1991	+449.6	+89.1	409.2	+75.3	789.9	1,704.8	535.0	483.0	12.8
1992	+446.1	+89.3	462.2	+72.2	785.7	1,761.7	519.4	479.3	12.4
1993	+415.7	+87.7	598.2	+65.8	742.7	1,650.3	513.8	467.5	12.4
1994	411.7	84.7	564.5	62.1	745.5	1,651.8	507.6	481.5	15.6
1995	409.4	92.9	610.4	68.4	743.6	1,651.6	514.1	493.8	16.2
1996	382.2	89.2	607.9	63.2	699.4	1,526.2	507.8	477.1	16.6
1997	349.7	87.2	563.5	63.5	639.5	1,329.5	506.5	466.3	15.3
1998	334.7	86.5	546.8	62.2	619.0	1,261.3	504.7	471.8	15.3
1999	330.0	86.1	558.2	61.5	621.1	1,279.4	500.9	487.9	15.4
2000	315.6	86.8	603.0	61.2	606.8	1,250.9	506.1	481.4	15.8
2001	309.4	85.4	584.9	61.0	599.7	1,227.9	508.5	475.7	15.2

*** Excludes intra-territory traffic for which ton-miles were not compiled.

+ An error in the routing network caused the coastal port foreign ton-mile totals to be slightly inflated for calendar years 1990-1993. The corrections are reflected in these revised totals. Ton-miles for individual ports were not affected.

+++ "Average Haul" is the average distance a ton of cargo travels by water. It is computed by dividing the number of ton-miles by the number of tons.

Figure 1-3
TOTAL WATERBORNE COMMERCE, 1982-2001
BY COMMODITY GROUP
(million short tons)

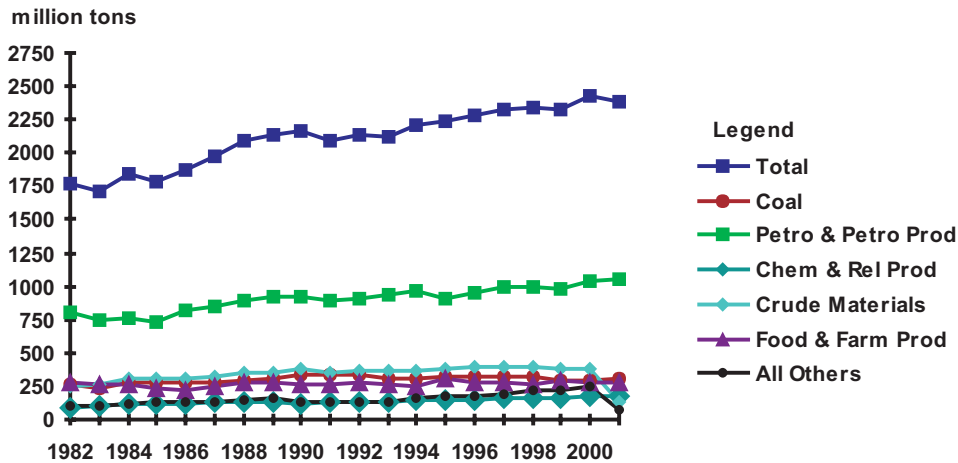


Table 1-5: TOTAL WATERBORNE COMMERCE, 1982-2001
BY COMMODITY GROUP
(million short tons)

	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Total	1,776.7	1,707.7	1,836.0	1,788.4	1,874.4	1,967.5	2,088.0	2,140.4	2,163.9	2,092.1
Coal	263.1	229.8	271.8	273.9	283.9	271.3	292.2	304.8	339.9	336.8
Petro & Petro Prod	799.6	748.5	753.5	726.4	815.6	847.7	887.7	922.7	923.5	886.0
Chem & Rel Prod	84.7	96.7	115.1	114.3	118.6	129.0	138.8	127.8	123.8	125.1
Crude Materials	249.2	260.0	307.1	307.1	308.4	327.1	352.0	353.2	374.9	348.9
Primary Manuf Goods	51.3	56.4	69.3	76.9	76.0	76.5	79.5	77.8	76.0	71.8
Food & Farm Prod	279.9	270.3	268.3	231.0	215.2	254.1	273.4	276.0	267.5	263.9
All Manuf Equip	21.2	23.9	25.1	29.8	31.4	33.6	33.8	38.4	42.2	43.6
Other	27.7	22.1	25.8	29.1	25.5	28.2	30.5	39.7	16.5	16.0

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Total	2,132.1	2,128.2	2,214.8	2,240.4	2,284.1	2,333.1	2,339.5	2,322.6	2,424.6	2,386.6
Coal	332.2	300.4	314.1	324.5	328.7	326.0	316.1	289.2	297.0	303.3
Petro & Petro Prod	899.6	930.6	961.3	907.1	954.4	988.2	987.4	979.1	1,043.9	1,048.6
Chem & Rel Prod	128.7	131.6	146.9	152.9	152.3	156.6	155.5	155.7	172.4	169.7
Crude Materials	364.0	360.6	369.3	381.7	388.7	400.9	394.3	386.6	380.3	354.0
Primary Manuf Goods	70.1	76.8	105.0	106.3	108.9	117.0	141.0	147.4	153.0	137.1
Food & Farm Prod	280.4	269.3	225.8	303.2	*284.9	271.7	265.7	287.9	283.3	281.9
All Manuf Equip	49.0	51.1	54.9	57.8	59.0	66.1	71.8	71.5	83.6	80.3
Other	8.0	7.9	7.3	6.9	7.2	6.6	6.6	5.2	11.1	11.7

* Beginning in 1996, fish was excluded for internal and intraport domestic traffic.

Figure 1-4
FOREIGN WATERBORNE COMMERCE, 1982-2001
INBOUND AND OUTBOUND TRAFFIC
(million short tons)

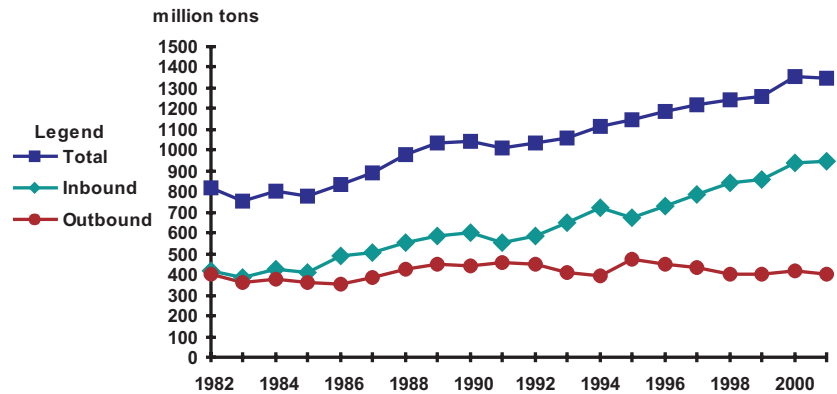


Table 1-6: FOREIGN WATERBORNE COMMERCE, 1982-2001
INBOUND AND OUTBOUND TRAFFIC
(million short tons)

	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Total	819.7	751.1	803.3	774.3	837.2	891.0	976.2	1,037.9	1,041.6	1,013.6
Inbound	416.6	387.8	427.1	412.7	486.1	507.7	549.9	589.5	600.0	555.4
Outbound	403.1	363.3	376.2	361.6	351.2	383.3	426.3	448.4	441.6	458.2

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Total	1,037.5	1,060.0	1,115.7	1,147.4	1,183.4	1,220.6	1,245.4	1,260.8	1,354.8	1,344.1
Inbound	586.7	648.8	719.5	672.7	732.6	788.3	840.7	860.8	939.7	945.1
Outbound	450.8	411.3	396.2	474.7	450.8	432.3	404.7	400.0	415.0	399.0

Figure 1-5
FOREIGN WATERBORNE COMMERCE, 1982-2001
TOTAL, OVERSEAS AND GREAT LAKES CANADIAN TRAFFIC
(million short tons)

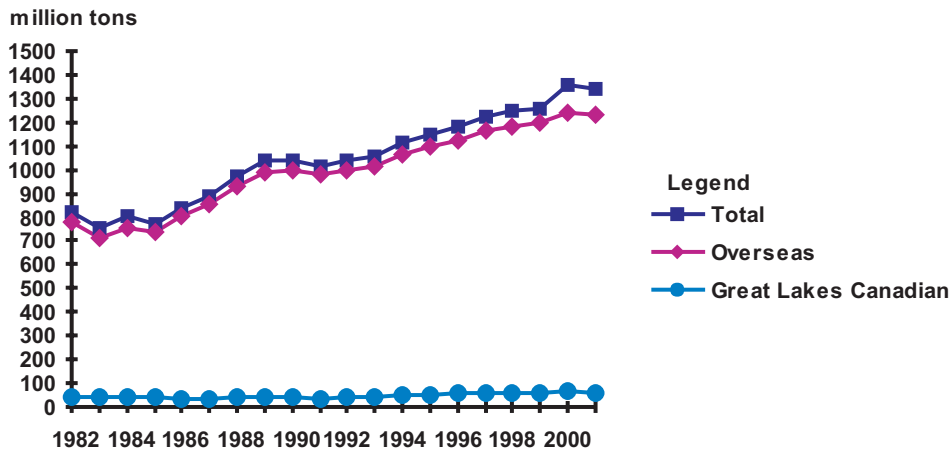


Table 1-7: FOREIGN WATERBORNE COMMERCE, 1982-2001
TOTAL, OVERSEAS AND GREAT LAKES CANADIAN TRAFFIC
(million short tons)

	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Total	819.7	751.1	803.3	774.3	837.2	891.0	976.2	1,037.9	1,041.6	1,013.6
Overseas*	778.5	711.3	758.1	734.7	802.4	854.2	932.8	992.4	997.5	976.3
Great Lakes Canadian & Overseas	41.2	39.9	45.2	39.6	34.8	36.8	43.4	45.5	44.1	37.3

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Total	1,037.5	1,060.0	1,115.7	1,147.4	1,183.4	1,220.6	1,245.4	1,260.8	1,354.8	1,344.1
Overseas*	997.5	1,016.4	1,065.6	1,095.5	1,127.0	1,162.9	1,183.0	1,198.3	1,243.0	1,232.5
Great Lakes Canadian & Overseas	39.9	43.6	50.1	51.9	56.4	57.7	62.4	62.4	64.0	62.5

* Excludes U.S. Great Lakes

Figure 1-6
DOMESTIC WATERBORNE COMMERCE, 1982-2001
BY TYPE OF TRAFFIC
(million short tons)

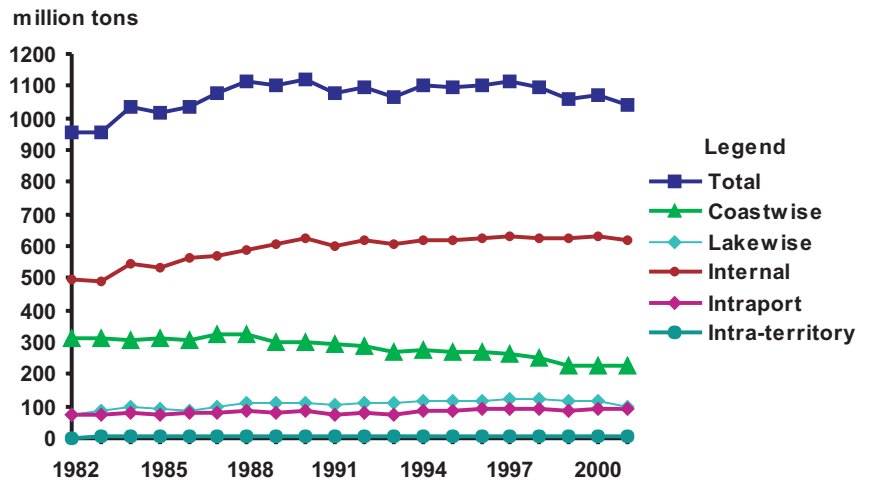


Table 1-8: DOMESTIC WATERBORNE COMMERCE, 1982-2001
BY TYPE OF TRAFFIC
(million short tons)

	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Total	957.0	956.5	1,032.7	1,014.1	1,037.2	1,076.5	1,111.8	1,102.5	1,122.3	1,078.6
Coastwise	311.1	309.6	307.7	309.8	308.0	323.5	325.2	302.0	298.6	294.5
Lakewise	72.1	83.4	98.0	92.0	87.4	96.5	109.7	109.1	110.2	103.4
Internal	495.5	487.1	542.5	534.7	560.5	569.8	588.1	606.0	622.6	600.4
Intraport	75.6	73.1	81.1	74.3	77.4	82.0	83.7	80.2	86.4	75.6
Intra-territory	2.8	3.2	3.4	3.4	4.0	4.7	5.1	5.2	4.5	4.6

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Total	1,094.6	1,068.2	1,099.0	1,093.0	1,100.7	1,112.5	1,094.1	1,061.8	1,069.8	1,042.5
Coastwise	285.1	271.7	277.0	266.6	267.4	263.1	249.6	228.8	226.9	223.6
Lakewise	107.4	109.9	114.8	116.1	114.9	122.7	122.2	113.9	114.4	100.0
Internal	621.0	607.3	618.4	620.3	*622.1	630.6	625.0	624.6	628.4	619.8
Intraport	76.8	74.4	82.9	83.1	*89.0	89.8	90.1	88.7	94.6	93.2
Intra-territory	4.2	5.0	5.9	6.9	7.3	6.3	7.2	5.9	5.5	5.9

* Beginning in 1996, fish was excluded for internal and intraport domestic traffic.

Figure 1-7
DOMESTIC WATERBORNE COMMERCE, 1982-2001
TON-MILES BY TYPE OF TRAFFIC
(billion short ton-miles)

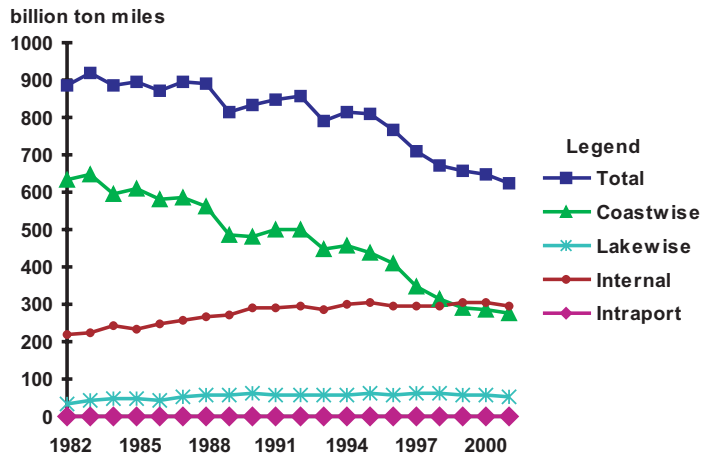


Table 1-9: DOMESTIC WATERBORNE COMMERCE, 1982-2001
TON-MILES BY TYPE OF TRAFFIC
(billion short ton-miles)

	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Total	886.5	919.6	887.7	893.0	873.4	895.4	890.0	815.5	833.5	848.4
Coastwise	632.7	649.7	593.9	611.0	580.9	586.8	561.6	483.9	479.1	502.1
Lakewise	35.6	43.1	49.8	48.2	43.2	50.1	58.2	58.3	60.9	55.3
Internal	217.0	225.6	242.9	232.7	248.1	257.3	269.0	272.2	292.4	290.0
Intraport	1.1	1.1	1.2	1.1	1.2	1.2	1.2	1.2	1.1	1.0

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Total	856.7	789.7	814.9	807.7	764.7	707.4	672.8	655.9	645.8	621.7
Coastwise	502.3	448.4	457.6	440.3	408.1	349.8	314.9	292.7	283.9	274.6
Lakewise	55.8	56.4	58.3	59.7	58.3	62.2	61.7	57.0	57.9	50.9
Internal	297.6	283.9	297.8	306.3	296.8	294.0	294.9	304.7	302.6	294.9
Intraport	1.0	0.9	1.3	1.3	1.5	1.4	1.4	1.4	1.5	1.4

Figure 1-8
DOMESTIC WATERBORNE COMMERCE, 1982-2001
AVERAGE HAUL BY TYPE OF TRAFFIC
(miles per short ton)

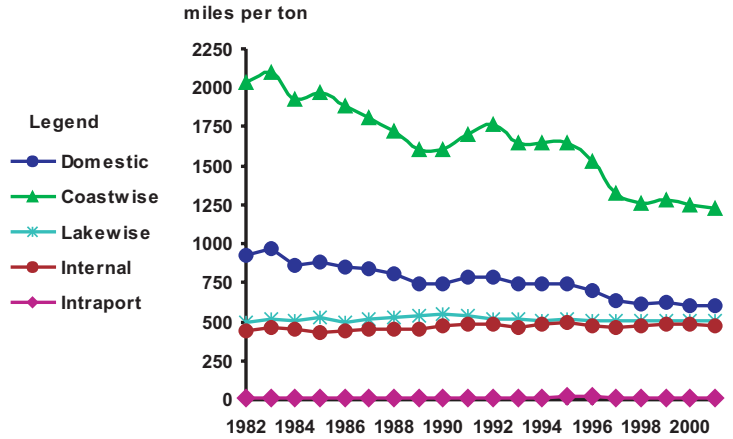


Table 1-10: DOMESTIC WATERBORNE COMMERCE, 1982-2001
AVERAGE HAUL BY TYPE OF TRAFFIC
(miles per short ton)

	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Domestic	929.0	964.6	862.5	883.5	845.3	835.4	804.3	743.2	745.7	789.9
Coastwise	2,034.0	2,098.4	1,930.5	1,972.2	1,885.9	1,813.9	1,727.0	1,602.1	1,604.4	1,704.8
Lakewise	494.2	516.4	508.0	523.8	494.5	519.0	530.3	534.5	553.1	535.0
Internal	438.0	463.2	448.0	435.2	442.7	451.6	457.5	449.1	469.6	483.0
Intraport	14.7	15.0	14.3	14.8	15.5	14.4	14.8	14.9	12.6	12.8

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Domestic	785.7	742.7	745.5	743.6	699.4	639.5	619.0	621.1	606.8	599.7
Coastwise	1,761.7	1,650.4	1,651.8	1,651.6	1,526.2	1,329.5	1,261.3	1,279.4	1,250.9	1,227.9
Lakewise	519.4	514.0	507.6	514.1	507.8	506.5	504.7	500.9	506.1	508.5
Internal	479.3	467.5	481.5	493.8	477.1	466.3	471.8	487.9	481.4	475.7
Intraport	12.4	12.4	15.6	16.2	16.6	15.3	15.3	15.4	15.8	15.2

Figure 1-9
DOMESTIC WATERBORNE COMMERCE, 1982-2001
BY COMMODITY GROUP
(million short tons)

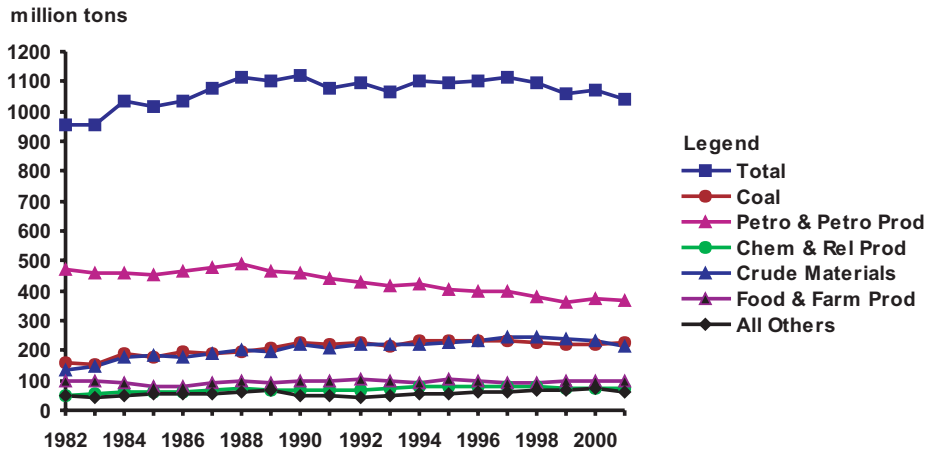


Table 1-11: DOMESTIC WATERBORNE COMMERCE, 1982-2001
BY COMMODITY GROUP
(million short tons)

	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Total	957.0	956.5	1,032.7	1,014.1	1,037.2	1,076.5	1,111.8	1,102.5	1,122.3	1,078.6
Coal	156.5	155.5	189.5	179.8	196.7	190.6	196.8	210.9	227.1	219.8
Petro & Petro Prod	469.2	458.0	460.6	453.5	466.8	480.3	487.2	463.5	457.7	440.7
Chem & Rel Prod	47.5	52.8	60.1	59.7	63.7	70.3	73.3	68.6	67.4	65.4
Crude Materials	136.3	149.9	180.5	181.4	179.5	189.2	200.5	196.2	222.4	206.7
Primary Manuf Goods	18.8	20.1	22.9	25.2	24.8	24.3	24.6	24.9	25.5	25.4
Food & Farm Prod	98.3	95.9	91.2	82.1	77.8	90.2	95.3	94.7	98.6	98.2
All Manuf Equip	3.4	3.0	3.1	4.3	3.4	4.4	5.3	5.3	8.1	8.1
Other	27.0	21.3	24.9	28.1	24.5	27.1	28.9	38.4	15.5	14.4

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Total	1,094.6	1,068.2	1,099.0	1,093.0	1,100.7	1,112.5	1,094.1	1,061.8	1,069.8	1,042.5
Coal	223.5	214.7	231.3	223.5	229.9	232.3	229.4	218.9	220.7	227.7
Petro & Petro Prod	429.4	416.9	420.8	403.6	398.5	396.7	382.5	361.5	370.6	369.7
Chem & Rel Prod	70.1	72.8	78.5	79.4	80.2	81.0	77.7	75.3	76.0	71.1
Crude Materials	223.0	218.6	220.9	226.4	233.2	246.5	245.7	239.3	234.2	213.7
Primary Manuf Goods	25.8	28.5	35.7	36.8	37.7	37.2	41.2	45.0	45.8	40.3
Food & Farm Prod	105.3	98.3	93.3	103.4	*98.0	93.7	91.5	100.0	96.9	96.5
All Manuf Equip	10.6	11.6	12.5	14.6	17.2	19.5	20.8	17.8	21.2	19.9
Other	6.9	6.8	5.8	5.5	6.0	5.6	5.3	3.9	4.3	3.5

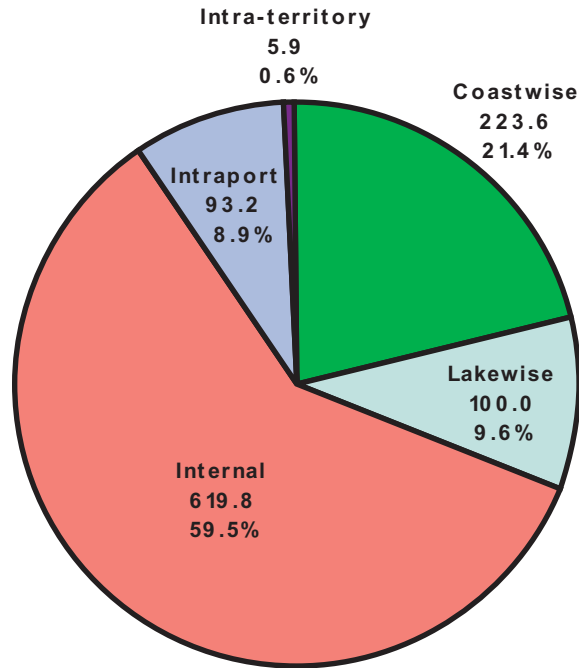
* Beginning in 1996, fish was excluded for internal and intraport domestic traffic.

Table 1-12: DOMESTIC COMMERCE,2000-2001
 COMPARED BY TYPE OF TRAFFIC
 BARGE AND SELF-PROPELLED VESSELS
 (million short tons)

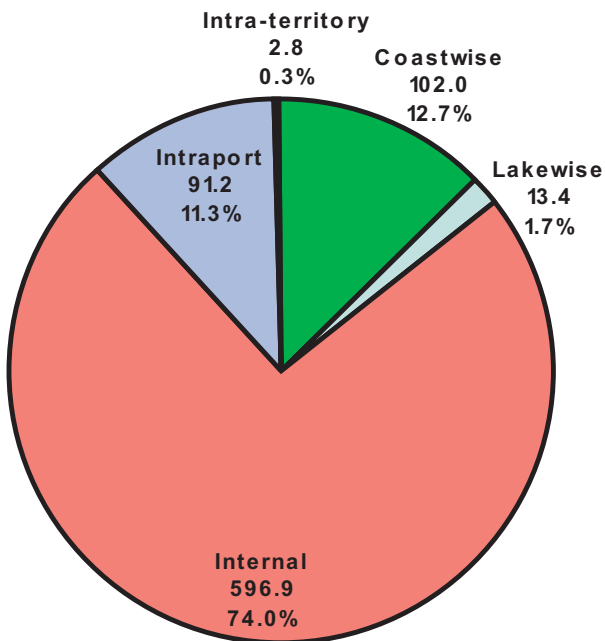
	2000	2001	% Change
Domestic Traffic	1,069.8	1,042.5	-2.6
Coastwise	226.9	223.6	-1.5
Lakewise	114.4	100.0	-12.5
Internal	628.4	619.8	-1.4
Intraport	94.6	93.2	-1.4
Intra-territory	5.5	5.9	6.4
 Barge Traffic	 811.0	 806.3	 -0.6
Coastwise	104.1	102.0	-2.0
Lakewise	12.2	13.4	9.8
Internal	601.1	596.9	-0.7
Intraport	91.0	91.2	0.2
Intra-territory	2.6	2.8	7.6
 Self-Propelled Traffic	 258.8	 236.1	 -8.7
Coastwise	122.8	121.6	-1.0
Lakewise	102.1	86.6	-15.2
Internal	27.3	22.9	-16.3
Intraport	3.6	2.1	-42.7
Intra-territory	2.9	3.0	5.4

Figure 1-10
DOMESTIC COMMERCE, 2001
COMPARED BY TYPE OF TRAFFIC, BARGE AND SELF-PROPELLED VESSELS
(million short tons and percentage of short tons)

Domestic Traffic



Barge Traffic



Self-Propelled Traffic

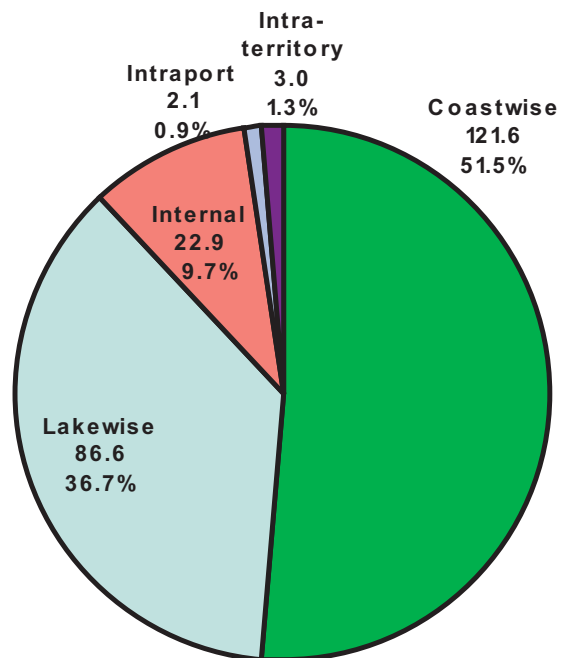


Table 1-13: WATERBORNE TRADE WITH NAFTA PARTNERS, 2001
TONNAGE AND PERCENT OF TOTAL U.S. WATERBORNE FOREIGN INBOUND AND OUTBOUND TRAFFIC
(short tons)

Commodity	Canada				Mexico			
	Inbound from	%	Outbound to	%	Inbound from	%	Outbound to	%
Total, all commodities	65,033,603	6.9	46,513,653	11.7	98,585,393	10.4	27,618,604	6.9
Total coal	806,372	4.1	24,125,871	43.3	22	0.0	1,949	0.0
1100 coal lignite	789,838	4.6	23,687,962	43.3	22	0.0	423	0.0
1200 coal coke	16,534	0.6	437,909	41.0	—	—	1,526	0.1
Total petroleum and petroleum products	21,945,113	3.5	4,483,341	7.7	83,082,626	13.4	11,035,912	18.9
Subtotal crude petroleum	8,601,379	1.8	14,429	1.1	79,605,571	16.4	43,250	3.2
2100 crude petroleum	8,601,379	1.8	14,429	1.1	79,605,571	16.4	43,250	3.2
Subtotal petroleum products	13,343,734	9.9	4,468,912	7.8	3,477,055	2.6	10,992,662	19.3
2211 gasoline	6,604,697	23.8	248,167	3.6	191,823	0.7	5,457,864	79.0
2221 kerosene	279,205	4.0	510,743	47.4	146,357	2.1	114,022	10.6
2330 distillate fuel oil	3,220,642	15.6	256,024	5.1	156,935	0.8	720,729	14.5
2340 residual fuel oil	2,147,302	5.3	1,601,689	11.4	179,507	0.4	3,685,170	26.3
2350 lube oil & greases	465,444	4.5	12,506	1.0	39,088	0.4	15,908	1.3
2410 petro. jelly & waxes	—	—	27,017	22.6	36	0.0	62	0.1
2429 naphtha & solvents	409,198	2.6	254,144	9.8	2,688,419	17.1	171,423	6.6
2430 asphalt, tar & pitch	3,859	4.3	—	—	—	—	—	—
2540 petroleum coke	203,038	6.4	1,558,622	6.5	193	0.0	613,710	2.6
2640 liquid natural gas	10,349	0.1	—	—	74,697	0.9	213,774	9.9
Total chemicals and related products	3,314,766	7.6	2,397,832	4.4	642,859	1.5	4,518,074	8.3
Subtotal fertilizers	574,137	5.1	214,609	1.6	160,540	1.4	734,601	5.4
3110 nitrogenous fert.	64,069	1.0	102,714	7.1	—	—	309,086	21.4
3120 phosphatic fert.	—	—	—	—	1,245	0.0	9,082	1.2
3130 potassic fert.	478,017	40.8	8,157	0.3	—	—	87,930	3.7
3190 fert. & mixes nec	32,051	3.5	103,738	1.2	159,295	17.2	328,503	3.6
Subtotal other chemicals and related products	2,740,629	8.4	2,183,223	5.3	482,319	1.5	3,783,473	9.2
3211 acyclic hydrocarbons	50,188	8.8	2	0.0	—	—	36,837	5.9
3212 benzene & toluene	179,408	14.2	7,521	1.2	4,424	0.4	39,847	6.1
3219 other hydrocarbons	133,730	18.7	22,135	0.5	3,799	0.5	1,229,295	27.6
3220 alcohols	310,859	4.4	14,692	0.6	71,161	1.0	203,340	7.8
3230 carboxylic acids	546	0.1	179	0.0	70,918	8.3	301,413	11.4
3240 nitrogen func. comp.	740	0.3	4	0.0	10,898	4.4	151,918	6.2
3250 organo - inorg. comp.	554	0.4	24	0.0	293	0.2	1,149	0.3
3260 organic comp. nec	1,204,279	24.3	218,954	9.8	57,354	1.2	502,414	22.5
3271 sulphur (liquid)	—	—	—	—	—	—	—	—
3272 sulphuric acid	249,314	20.4	—	—	112,717	9.2	13,315	21.5
3273 ammonia	108,764	1.8	—	—	—	—	127,943	15.5
3274 sodium hydroxide	71,817	7.6	481,843	14.3	4,463	0.5	238,374	7.1
3275 inorg. elem., oxides, & halogen salts	21,940	1.7	223,360	7.5	15,478	1.2	3,439	0.1
3276 metallic salts	99,690	7.2	671,658	12.5	88,760	6.4	27,346	0.5
3279 inorganic chem. nec	267	0.1	44	0.1	784	0.3	9,635	13.4
3281 radioactive material	—	—	67	0.2	—	—	—	—
3282 pigments & paints	44,905	12.3	63,186	11.3	549	0.2	26,184	4.7
3283 coloring mat. nec	247	0.3	562	1.0	241	0.3	743	1.3
3284 medicines	42	0.0	28	0.0	973	0.7	906	0.4
3285 perfumes & cleansers	500	0.1	305	0.0	12,688	2.7	4,333	0.6
3286 plastics	8,012	0.4	47,537	0.7	20,957	1.0	356,114	5.4
3291 pesticides	—	—	—	—	441	0.3	5,639	1.5
3292 starches, gluten, glue	53,021	13.3	24,742	3.1	544	0.1	564	0.1
3293 explosives	10,657	11.5	—	—	129	0.1	4	0.1
3297 chemical additives	9,846	2.5	143,736	12.5	991	0.3	489,158	42.4
3298 wood & resin chem.	13,854	14.5	—	—	275	0.3	—	—
3299 chem. products nec	167,449	12.3	262,644	14.3	3,482	0.3	13,563	0.7
Total crude materials, inedible except fuels	31,888,265	33.6	11,540,931	25.5	11,857,187	12.5	792,742	1.8
Subtotal forest products, wood and chips	1,956,749	32.0	434,228	4.0	31,152	0.5	9,485	0.1
4110 rubber & gums	147	0.0	3	0.0	16	0.0	115	0.4
4150 fuel wood	64,131	83.6	85,225	92.1	—	—	311	0.3
4161 wood chips	320,278	99.9	213,032	5.2	—	—	—	—
4170 wood in the rough	965,080	76.6	65,709	1.6	201	0.0	502	0.0
4189 lumber	600,308	19.7	69,507	2.9	5,699	0.2	6,969	0.3
4190 forest products nec	6,805	2.6	752	0.9	25,236	9.6	1,588	1.9
Subtotal pulp and waste paper	28,578	2.5	213,918	1.7	329	0.0	240,020	1.9
4225 pulp & waste paper	28,578	2.5	213,918	1.7	329	0.0	240,020	1.9
Subtotal soil, sand, gravel, rock and stone	15,623,908	52.4	3,263,407	92.3	9,332,645	31.3	1,168	0.0
4310 building stone	790,910	40.2	—	—	405	0.0	671	0.9
4322 limestone	2,342,673	22.4	2,408,749	99.5	6,226,986	59.7	139	0.0
4323 gypsum	6,415,649	69.4	149,849	85.8	1,997,394	21.6	282	0.2
4331 sand & gravel	6,074,676	74.6	704,809	81.6	1,107,860	13.6	76	0.0
Subtotal iron ore and scrap	5,494,438	40.9	4,775,091	51.2	36,552	0.3	314,844	3.4
4410 iron ore	5,408,859	42.5	4,724,751	99.2	36,446	0.3	—	—
4420 iron & steel scrap	85,579	12.0	50,340	1.1	106	0.0	314,844	6.9
Subtotal marine shells	—	—	—	—	98	2.7	—	—
4515 marine shells	—	—	—	—	98	2.7	—	—
Subtotal non-ferrous ores and scrap	160,712	0.9	1,270,577	52.3	19,516	0.1	42,764	1.8
4630 copper ore	—	—	—	—	—	—	—	—
4650 aluminum ore	45,081	0.3	1,266,461	89.8	18	0.0	264	0.0

Table 1-13: WATERBORNE TRADE WITH NAFTA PARTNERS, 2001 (continued)
 TONNAGE AND PERCENT OF TOTAL U.S. WATERBORNE FOREIGN INBOUND AND OUTBOUND TRAFFIC
 (short tons)

Commodity	Canada				Mexico			
	Inbound from	%	Outbound to	%	Inbound from	%	Outbound to	%
4670 manganese ore	—	—	—	—	8,212	2.0	—	—
4680 non-ferrous scrap	20,641	13.4	49	0.0	193	0.1	36,037	6.7
4690 non-ferrous ores nec	94,990	4.5	4,067	0.9	11,093	0.5	6,463	1.4
Subtotal sulphur, clay and salt	2,205,035	56.0	273,116	5.6	535,419	13.6	182,390	3.7
4741 sulphur, (dry)	23,729	2.2	21,812	2.2	526,177	49.8	182,183	18.4
4782 clay & refrac. mat.	2,181,306	75.7	251,304	6.5	9,242	0.3	207	0.0
Subtotal slag	869,615	33.1	53,460	95.3	54	0.0	—	—
4860 slag	869,615	33.1	53,460	95.3	54	0.0	—	—
Subtotal other non-metal. min.	5,549,230	26.6	1,257,134	69.0	1,901,422	9.1	2,071	0.1
4900 non-metal. min. nec	5,549,230	26.6	1,257,134	69.0	1,901,422	9.1	2,071	0.1
Total primary manufactured goods	5,924,164	7.2	407,595	2.9	1,905,350	2.3	329,890	2.4
Subtotal paper products	927,252	17.2	12,234	0.2	8,296	0.2	99,857	1.6
5110 newsprint	813,299	80.7	1,852	0.3	—	—	16,221	2.6
5120 paper & paperboard	112,756	3.1	9,128	0.2	1,722	0.0	78,438	1.6
5190 paper products nec	1,197	0.2	1,254	0.3	6,574	0.9	5,198	1.1
Subtotal lime, cement and glass	3,890,276	12.6	206,176	16.2	112,202	0.4	22,779	1.8
5210 lime	6,730	93.9	—	—	68	0.9	114	1.6
5220 cement & concrete	3,590,702	14.5	186,236	63.4	27,239	0.1	392	0.1
5240 glass & glass prod.	3,873	0.4	192	0.0	17,040	1.8	17,338	3.8
5290 misc. mineral prod.	288,971	5.4	19,748	3.8	67,855	1.3	4,935	1.0
Subtotal primary iron and steel products	223,541	0.7	3,634	0.3	1,723,639	5.5	35,555	3.4
5312 pig iron	169,044	3.8	—	—	271	0.0	1,398	6.7
5315 ferro alloys	—	—	—	—	31,025	3.7	3,468	11.6
5320 i&s primary forms	806	0.0	2,692	1.5	1,161,622	17.8	2,187	1.2
5330 i&s plates & sheets	26,663	0.3	755	0.2	46,283	0.4	6,976	2.1
5360 i&s bars & shapes	25,214	0.5	118	0.2	346,190	6.7	1,493	1.9
5370 i&s pipe & tube	682	0.0	—	—	114,949	3.2	19,677	5.4
5390 primary i&s nec	1,132	0.2	69	0.2	23,299	4.7	356	0.8
Subtotal primary non-ferrous metal products	806,503	6.4	185,502	3.6	60,928	0.5	154,288	3.0
5421 copper	1,860	0.1	81	0.1	780	0.1	74	0.1
5422 aluminum	86,972	6.3	20	0.0	1,878	0.1	4,647	2.2
5429 smelted prod. nec	389,441	23.5	184,288	5.3	2,279	0.1	141,559	4.1
5480 fab. metal products	328,230	4.0	1,113	0.1	55,991	0.7	8,008	0.6
Subtotal primary wood products	76,592	3.3	49	0.0	285	0.0	17,411	5.3
5540 primary wood prod.	76,592	3.3	49	0.0	285	0.0	17,411	5.3
Total food and farm products	775,320	2.5	3,256,243	2.1	674,460	2.2	10,663,864	6.9
Subtotal fish	44,846	3.3	23,385	2.4	47,279	3.5	5,370	0.6
6134 fish (not shellfish)	40,103	6.5	21,139	2.7	32,261	5.3	4,990	0.6
6136 shellfish	4,743	0.6	2,246	1.4	15,018	2.0	380	0.2
Subtotal grain	364,701	23.1	1,734,004	2.1	1,277	0.1	8,109,682	9.6
6241 wheat	96,947	62.4	665,867	2.4	1,254	0.8	1,413,350	5.0
6344 corn	49,817	50.1	1,067,948	2.2	2	0.0	3,438,468	7.1
6442 rice	1,204	0.3	189	0.0	21	0.0	414,203	15.4
6443 barley & rye	56,551	71.4	—	—	—	—	—	—
6445 oats	160,182	19.3	—	—	—	—	22	0.6
6447 sorghum grains	—	—	—	—	—	—	2,843,639	70.4
Subtotal oilseeds	14,940	2.3	1,410,507	4.0	1,515	0.2	1,940,609	5.5
6521 peanuts	9	0.0	—	—	—	—	253	0.3
6522 soybeans	5,602	17.9	1,410,507	4.8	23	0.1	1,882,995	6.4
6534 flaxseed	—	—	—	—	—	—	—	—
6590 oilseeds nec	9,329	1.8	—	—	1,492	0.3	57,361	0.9
Subtotal vegetable products	73,789	2.1	21,888	0.6	36,158	1.0	198,328	5.1
6653 vegetable oils	7,676	0.4	21,141	1.1	4,760	0.3	189,841	9.9
6654 vegetables & prod.	66,113	3.8	747	0.0	31,398	1.8	8,487	0.4
Subtotal processed grain and animal feed	121,117	15.6	53	0.0	11,344	1.5	208,515	1.5
6746 wheat flour	7,793	38.9	—	—	994	5.0	278	0.1
6747 grain mill products	72,313	20.6	11	0.0	5,325	1.5	187,454	12.3
6781 hay & fodder	30,916	46.4	17	0.0	—	—	46	0.0
6782 animal feed, prep.	10,095	3.0	25	0.0	5,025	1.5	20,737	0.2
Subtotal other agricultural products	155,927	0.7	66,406	0.4	576,887	2.5	201,360	1.3
6811 meat, fresh, frozen	5,995	0.6	3,034	0.1	2,557	0.2	1,846	0.0
6817 meat, prepared	3,046	2.6	50	0.0	70	0.1	838	0.6
6822 dairy products	5,049	1.2	116	0.0	1,220	0.3	17,656	5.4
6835 fish, prepared	5,074	1.6	527	0.2	913	0.3	136	0.1
6838 tallow, animal oils	1,055	8.2	5,127	0.5	161	1.2	138,884	13.5
6839 animals & prod. nec	17,885	5.9	691	0.1	288	0.1	1,450	0.1
6856 bananas & plantains	—	—	24	0.2	125	0.0	—	—
6857 fruit & nuts nec	1,084	0.0	893	0.0	7,549	0.3	2,698	0.1
6858 fruit juices	4,331	0.2	1,596	0.3	13,977	0.8	4,673	0.9
6861 sugar	121	0.0	217	0.3	120,709	7.9	194	0.3
6865 molasses	5,071	0.3	44,636	14.0	154,359	8.4	—	—
6871 coffee	6,254	0.4	154	0.3	88,921	6.0	390	0.8
6872 cocoa beans	551	0.1	—	—	2,309	0.3	4,715	31.8
6885 alcoholic beverages	50,439	1.4	8,497	1.1	96,482	2.7	6,604	0.9
6888 water & ice	4,550	0.9	19	0.0	91	0.0	505	0.8
6889 food products nec	44,507	2.2	755	0.0	81,481	4.0	15,525	0.6
6891 tobacco & products	51	0.0	—	—	2,460	0.8	300	0.1
6893 cotton	—	—	—	—	502	0.7	3,456	0.2

Table 1-13: WATERBORNE TRADE WITH NAFTA PARTNERS, 2001 (continued)
TONNAGE AND PERCENT OF TOTAL U.S. WATERBORNE FOREIGN INBOUND AND OUTBOUND TRAFFIC
(short tons)

Commodity	Canada				Mexico			
	Inbound from	%	Outbound to	%	Inbound from	%	Outbound to	%
6894 natural fibers nec	81	0.3	—	—	1,323	4.2	1,019	5.0
6899 farm products nec	783	0.6	70	0.0	1,390	1.1	471	0.2
Total all manufactured equipment, machinery and products	290,655	0.6	284,721	2.2	390,956	0.8	200,867	1.6
7110 machinery (not elec)	38,734	0.7	3,188	0.1	15,672	0.3	50,873	1.9
7120 electrical machinery	34,555	0.5	126,631	7.0	13,207	0.2	14,302	0.8
7210 vehicles & parts	5,310	0.1	1,276	0.1	200,845	2.2	8,122	0.4
7220 aircraft & parts	42	0.1	19	0.1	40	0.1	6	0.0
7230 ships & boats	3,213	5.0	2,201	2.5	1,608	2.5	5,109	5.9
7300 ordnance & access.	13	0.0	—	—	—	—	111	0.8
7400 manufac. wood prod.	2,360	0.3	4,529	2.0	3,362	0.5	1,164	0.5
7500 textile products	11,474	0.2	808	0.0	101,842	1.5	91,054	4.0
7600 rubber & plastic pr.	4,265	0.1	635	0.0	13,290	0.3	7,557	0.6
7900 manufac. prod. nec	190,689	1.3	145,434	7.1	41,090	0.3	22,569	1.1
Total unknown or not elsewhere classified	88,948	2.0	17,119	0.5	31,933	0.7	75,306	2.0
9900 unknown or nec	88,948	2.0	17,119	0.5	31,933	0.7	75,306	2.0

Section 2

Commodities

Table 2-1: SUMMARY OF FOREIGN AND DOMESTIC WATERBORNE COMMERCE
BY TYPE OF TRAFFIC AND COMMODITY

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	2,133,310	1995	2,240,393	1998	2,339,500	2001	2,386,558
1993	2,128,221	1996	2,284,065	1999	2,322,557		
1994	2,214,754	1997	2,333,142	2000	2,424,589		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Foreign		Domestic					
		Inbound	Outbound	Total	Coastwise	Lakewise	Internal	Intraport	Intra-Territory
Total, all commodities	2,386,558	945,075	399,011	1,042,472	223,606	100,002	619,784	93,222	5,858
Total coal	303,339	19,857	55,764	227,718	12,869	18,877	174,215	21,758	—
1100 coal lignite	294,535	17,165	54,697	222,674	12,854	18,497	169,933	21,391	—
1200 coal coke	8,804	2,693	1,067	5,044	16	380	4,281	367	—
Total petroleum and petroleum products	1,048,594	620,556	58,292	369,745	164,703	1,873	154,098	43,338	5,733
Subtotal crude petroleum	573,564	486,249	1,344	85,971	52,374	—	31,871	1,725	—
2100 crude petroleum	573,564	486,249	1,344	85,971	52,374	—	31,871	1,725	—
Subtotal petroleum products	475,030	134,307	56,948	283,774	112,329	1,873	122,227	41,613	5,733
2211 gasoline	127,736	27,732	6,906	93,098	50,740	471	32,455	7,135	2,297
2221 kerosene	11,944	7,059	1,078	3,807	1,732	—	1,166	479	429
2330 distillate fuel oil	91,161	20,589	4,982	65,591	26,263	176	28,082	9,621	1,450
2340 residual fuel oil	133,665	40,891	14,032	78,742	24,567	206	32,855	19,565	1,548
2350 lube oil & greases	18,286	10,353	1,191	6,742	2,649	4	3,665	423	—
2410 petro. jelly & waxes	701	334	120	248	152	—	95	—	—
2429 naphtha & solvents	27,004	15,718	2,598	8,688	1,389	—	5,696	1,604	—
2430 asphalt, tar & pitch	12,061	89	32	11,941	2,959	859	7,140	973	9
2540 petroleum coke	35,665	3,180	23,859	8,626	666	135	6,622	1,203	—
2640 liquid natural gas	12,177	8,364	2,150	1,663	316	1	1,322	24	—
2990 petro. products nec	4,630	—	—	4,630	894	22	3,129	585	—
Total chemicals and related products	169,650	43,830	54,741	71,080	12,774	146	47,799	10,361	—
Subtotal fertilizers	39,049	11,274	13,576	14,199	1,699	—	12,302	198	—
3110 nitrogenous fert.	15,224	6,516	1,442	7,266	93	—	7,090	83	—
3120 phosphatic fert.	5,046	2,661	750	1,635	179	—	1,456	—	—
3130 potassic fert.	4,935	1,170	2,380	1,385	13	—	1,316	57	—
3190 fert. & mixes nec	13,844	927	9,005	3,913	1,414	—	2,440	58	—
Subtotal other chemicals and related products	130,601	32,556	41,165	56,881	11,075	146	35,497	10,163	—
3211 acyclic hydrocarbons	3,495	571	625	2,299	42	—	1,923	335	—
3212 benzene & toluene	8,094	1,260	649	6,185	268	—	4,056	1,862	—
3219 other hydrocarbons	16,945	714	4,457	11,775	2,042	—	8,153	1,580	—
3220 alcohols	17,901	7,091	2,617	8,194	608	—	5,960	1,626	—
3230 carboxylic acids	5,063	859	2,640	1,564	106	—	798	660	—
3240 nitrogen func. comp.	4,163	246	2,431	1,486	10	—	1,472	4	—
3250 organo - inorg. comp.	569	155	394	21	1	—	13	7	—
3260 organic comp. nec	8,411	4,965	2,233	1,214	137	—	897	180	—
3271 sulphur (liquid)	4,472	—	19	4,453	3,269	—	1,030	154	—
3272 sulphuric acid	3,090	1,220	62	1,808	3	8	1,552	244	—
3273 ammonia	8,409	5,974	825	1,610	0	—	1,571	40	—
3274 sodium hydroxide	10,578	940	3,379	6,259	1,683	—	3,720	856	—
3275 inorg. elem., oxides, & halogen salts	5,457	1,305	2,959	1,192	28	—	716	449	—
3276 metallic salts	8,013	1,384	5,389	1,240	75	138	885	142	—
3279 inorganic chem. nec	507	247	72	189	0	—	189	—	—

Table 2-1: SUMMARY OF FOREIGN AND DOMESTIC WATERBORNE COMMERCE
BY TYPE OF TRAFFIC AND COMMODITY
Freight Traffic, 2001 - continued

Commodity	Grand Total	Foreign		Domestic					
		Inbound	Outbound	Total	Coastwise	Lakewise	Internal	Intraport	Intra-Territory
3281 radioactive material	58	22	34	2	2	—	—	—	—
3282 pigments & paints	958	366	562	30	27	—	2	1	—
3283 coloring mat. nec	149	91	58	1	1	—	—	—	—
3284 medicines	468	150	224	95	92	—	0	3	—
3285 perfumes & cleansers	1,221	467	667	87	83	—	4	—	—
3286 plastics	8,656	2,034	6,568	55	38	—	17	—	—
3291 pesticides	548	161	374	14	11	0	1	2	—
3292 starches, gluten, glue	1,207	399	802	6	6	—	—	—	—
3293 explosives	104	93	7	4	3	—	2	—	—
3297 chemical additives	8,039	390	1,153	6,497	2,367	—	2,178	1,952	—
3298 wood & resin chem.	285	96	128	61	1	—	60	—	—
3299 chem. products nec	3,739	1,359	1,841	539	172	—	301	66	—
Total crude materials, inedible except fuels*	353,997	95,041	45,283	213,673	10,821	75,246	115,508	12,098	—
Subtotal forest products, wood and chips	27,066	6,119	10,725	10,222	1,934	1	7,657	631	—
4110 rubber & gums	1,183	1,154	26	3	2	—	0	—	—
4150 fuel wood	173	77	93	4	0	—	3	0	—
4161 wood chips	8,328	321	4,118	3,889	650	0	3,234	5	—
4170 wood in the rough	10,590	1,260	4,020	5,310	393	0	4,291	625	—
4189 lumber	6,354	3,045	2,383	926	882	0	44	0	—
4190 forest products nec	438	262	86	91	7	—	84	—	—
Subtotal pulp and waste paper	13,849	1,157	12,517	176	46	—	130	—	—
4225 pulp & waste paper	13,849	1,157	12,517	176	46	—	130	—	—
Subtotal soil, sand, gravel, rock and stone*	162,594	29,793	3,534	129,267	8,092	29,214	81,837	10,124	—
4310 building stone	2,108	1,967	73	68	1	—	67	—	—
4322 limestone	68,895	10,439	2,422	56,034	1,603	28,036	26,359	37	—
4323 gypsum	12,311	9,243	175	2,893	0	345	2,547	—	—
4327 phosphate rock	1,736	—	—	1,736	1,735	—	2	—	—
4331 sand & gravel	77,518	8,144	864	68,510	4,741	832	52,849	10,087	—
4338 soil & fill dirt	25	—	—	25	12	1	13	0	—
Subtotal iron ore and scrap	76,756	13,431	9,319	54,006	404	44,806	7,966	830	—
4410 iron ore	65,883	12,717	4,762	48,404	—	44,772	3,494	137	—
4420 iron & steel scrap	10,873	715	4,556	5,602	404	34	4,472	692	—
Subtotal marine shells	263	4	15	244	1	—	228	15	—
4515 marine shells	263	4	15	244	1	—	228	15	—
Subtotal non-ferrous ores and scrap	25,706	17,117	2,430	6,159	289	—	5,871	—	—
4630 copper ore	114	110	3	—	—	—	—	—	—
4650 aluminum ore	19,368	14,335	1,410	3,623	273	—	3,350	—	—
4670 manganese ore	913	404	19	490	—	—	490	—	—
4680 non-ferrous scrap	701	153	537	11	1	—	9	—	—
4690 non-ferrous ores nec	4,611	2,115	460	2,036	15	—	2,021	—	—
Subtotal sulphur, clay and salt	10,284	3,940	4,865	1,479	8	25	1,412	34	—
4741 sulphur, (dry)	2,047	1,057	989	0	0	—	—	—	—
4782 clay & refrac. mat.	8,237	2,883	3,876	1,479	8	25	1,412	34	—
Subtotal slag	4,352	2,630	56	1,666	—	422	980	265	—
4860 slag	4,352	2,630	56	1,666	—	422	980	265	—

* Does not include 6.5 million short tons of waterway improvement material.

Table 2-1: SUMMARY OF FOREIGN AND DOMESTIC WATERBORNE COMMERCE
BY TYPE OF TRAFFIC AND COMMODITY
Freight Traffic, 2001 - continued

Commodity	Grand Total	Foreign		Domestic					
		Inbound	Outbound	Total	Coastwise	Lakewise	Internal	Intraport	Intra-Territory
Subtotal other non-metal. min.	33,126	20,850	1,822	10,454	48	779	9,427	200	—
4900 non-metal. min. nec	33,126	20,850	1,822	10,454	48	779	9,427	200	—
Total primary manufactured goods	137,083	82,854	13,892	40,336	7,969	3,495	26,728	2,145	—
Subtotal paper products	11,911	5,400	6,118	393	244	—	148	—	—
5110 newsprint	1,673	1,007	615	50	8	—	42	—	—
5120 paper & paperboard	8,796	3,665	5,044	86	47	—	39	—	—
5190 paper products nec	1,443	728	459	256	189	—	67	—	—
Subtotal lime, cement and glass	52,102	30,969	1,271	19,863	3,029	3,460	12,541	833	—
5210 lime	3,413	7	7	3,399	0	—	3,399	—	—
5220 cement & concrete	40,945	24,689	294	15,963	2,691	3,459	8,982	830	—
5240 glass & glass prod.	1,416	930	457	30	16	—	14	—	—
5290 misc. mineral prod.	6,327	5,343	513	471	322	0	146	3	—
Subtotal primary iron and steel products	46,561	31,609	1,046	13,906	106	35	12,464	1,300	—
5312 pig iron	10,293	4,490	21	5,781	—	6	4,536	1,239	—
5315 ferro alloys	1,754	848	30	876	—	—	876	—	—
5320 i&s primary forms	7,266	6,539	179	548	0	—	536	12	—
5330 i&s plates & sheets	14,057	10,508	326	3,223	0	23	3,169	30	—
5360 i&s bars & shapes	6,700	5,189	78	1,433	35	—	1,395	3	—
5370 i&s pipe & tube	4,956	3,539	367	1,050	20	—	1,019	12	—
5390 primary i&s nec	1,535	495	46	995	51	6	932	5	—
Subtotal primary non-ferrous metal products	23,831	12,583	5,129	6,119	4,540	1	1,567	12	—
5421 copper	1,462	1,341	77	44	16	—	28	—	—
5422 aluminum	1,814	1,379	214	220	4	—	217	—	—
5429 smelted prod. nec	5,307	1,655	3,483	169	2	—	167	—	—
5480 fab. metal products	15,249	8,208	1,355	5,686	4,519	1	1,155	12	—
Subtotal primary wood products	2,678	2,294	328	56	49	—	7	—	—
5540 primary wood prod.	2,678	2,294	328	56	49	—	7	—	—
Total food and farm products**	281,857	30,766	154,577	96,514	5,848	318	90,094	252	3
Subtotal fish**	2,381	1,346	957	77	77	0	—	—	—
6134 fish (not shellfish)	1,483	613	795	75	75	0	—	—	—
6136 shellfish	898	734	162	2	2	—	—	—	—
Subtotal grain	140,672	1,577	84,330	54,766	279	317	54,131	39	—
6241 wheat	40,269	155	28,039	12,074	176	317	11,570	11	—
6344 corn	87,870	99	48,772	38,999	35	—	38,953	11	—
6442 rice	5,000	413	2,686	1,901	68	—	1,832	—	—
6443 barley & rye	1,104	79	787	238	—	—	236	2	—
6445 oats	1,032	829	4	199	0	—	191	8	—
6447 sorghum grains	5,398	1	4,041	1,356	—	—	1,349	7	—
Subtotal oilseeds	61,461	640	35,599	25,222	13	—	25,169	40	—
6521 peanuts	182	84	98	0	0	—	—	—	—
6522 soybeans	49,417	31	29,352	20,034	6	—	20,002	26	—
6534 flaxseed	63	0	63	—	—	—	—	—	—
6590 oilseeds nec	11,798	524	6,086	5,188	7	—	5,167	14	—
Subtotal vegetable products	8,844	3,521	3,872	1,450	240	—	1,186	24	0
6653 vegetable oils	4,865	1,773	1,914	1,177	53	—	1,100	24	0
6654 vegetables & prod.	3,979	1,748	1,958	273	187	—	86	—	—

** Does not include fish landings.

Table 2-1: SUMMARY OF FOREIGN AND DOMESTIC WATERBORNE COMMERCE
BY TYPE OF TRAFFIC AND COMMODITY
Freight Traffic, 2001 - continued

Commodity	Grand Total	Foreign		Domestic					
		Inbound	Outbound	Total	Coastwise	Lakewise	Internal	Intraport	Intra-Territory
Subtotal processed grain and animal feed	22,405	777	13,931	7,696	634	0	6,968	94	—
6746 wheat flour	462	20	342	100	18	—	82	—	—
6747 grain mill products	2,786	351	1,526	910	502	0	408	—	—
6781 hay & fodder	3,203	67	3,099	38	4	—	34	—	—
6782 animal feed, prep.	15,954	339	8,965	6,650	110	—	6,445	94	—
Subtotal other agricultural products	46,094	22,905	15,887	7,302	4,605	1	2,639	55	2
6811 meat, fresh, frozen	5,356	1,027	4,172	157	157	—	0	—	—
6817 meat, prepared	277	118	142	17	17	—	—	—	—
6822 dairy products	827	431	324	71	59	—	12	—	—
6835 fish, prepared	580	318	217	46	30	—	16	—	—
6838 tallow, animal oils	1,045	13	1,027	5	4	—	—	2	—
6839 animals & prod. nec	1,361	304	1,012	45	45	—	—	0	—
6856 bananas & plantains	4,209	4,195	12	2	2	—	—	—	—
6857 fruit & nuts nec	4,753	2,485	2,236	32	31	0	—	—	—
6858 fruit juices	2,618	1,827	532	259	259	—	0	—	—
6861 sugar	3,760	1,531	75	2,154	1,223	—	918	12	—
6865 molasses	2,735	1,846	318	572	172	—	382	15	2
6871 coffee	1,533	1,475	51	8	8	—	—	—	—
6872 cocoa beans	707	685	15	8	8	—	—	—	—
6885 alcoholic beverages	4,558	3,540	761	257	212	—	45	—	—
6887 groceries	921	—	—	921	820	0	100	1	—
6888 water & ice	1,571	498	62	1,011	8	—	978	25	—
6889 food products nec	6,186	2,061	2,456	1,670	1,491	0	179	—	—
6891 tobacco & products	892	314	572	6	6	—	—	—	—
6893 cotton	1,715	76	1,631	8	7	—	1	—	—
6894 natural fibers nec	52	31	20	0	0	—	—	—	—
6899 farm products nec	438	131	253	54	47	—	7	—	—
Total all manufactured equipment, machinery and products	80,349	47,726	12,753	19,870	8,585	18	10,027	1,118	122
7110 machinery (not elec)	16,609	5,564	2,715	8,330	296	0	8,013	6	15
7120 electrical machinery	8,711	6,811	1,821	79	65	0	15	—	—
7210 vehicles & parts	12,551	9,312	2,179	1,061	1,043	—	18	0	—
7220 aircraft & parts	63	34	27	2	0	—	2	—	—
7230 ships & boats	162	65	87	10	7	—	3	0	—
7300 ordnance & access.	45	31	14	1	0	—	0	—	—
7400 manufac. wood prod.	1,207	714	229	264	216	0	47	0	—
7500 textile products	9,174	6,829	2,254	91	60	—	31	—	—
7600 rubber & plastic pr.	5,347	3,841	1,367	139	29	—	109	—	—
7800 empty containers	33	—	—	33	1	—	14	18	—
7900 manufac. prod. nec	26,448	14,526	2,060	9,861	6,868	18	1,774	1,093	108
Total waste and scrap nec	3,469	—	—	3,469	0	0	1,315	2,154	—
8900 waste and scrap nec	3,469	—	—	3,469	0	0	1,315	2,154	—
Total unknown or not elsewhere classified	8,220	4,445	3,708	67	36	30	2	—	—
9900 unknown or nec	8,220	4,445	3,708	67	36	30	2	—	—

Table 2-2: SUMMARY OF DOMESTIC WATERBORNE COMMERCE
TON-MILES BY TYPE OF TRAFFIC AND COMMODITY

Comparative Statement of Traffic (million short ton-miles)

Year	Total	Year	Total	Year	Total	Year	Total
1992	856,685	1995	807,728	1998	672,795	2001	621,686
1993	789,658	1996	764,686	1999	655,862		
1994	814,919	1997	707,410	2000	645,799		

Freight Traffic, 2001 (million short ton-miles)

Commodity	Grand Total	Coastwise	Lakewise	Internal	Intraport
Total, all commodities	621,686	274,559	50,853	294,861	1,413
Total coal	83,048	8,204	10,591	63,661	592
1100 coal lignite	79,673	8,194	10,384	60,525	570
1200 coal coke	3,375	10	207	3,136	22
Total petroleum and petroleum products	249,519	207,585	614	40,837	484
Subtotal crude petroleum	98,125	94,255	—	3,848	23
2100 crude petroleum	98,125	94,255	—	3,848	23
Subtotal petroleum products	151,393	113,330	614	36,989	461
2211 gasoline	61,771	52,338	159	9,173	100
2221 kerosene	2,704	2,444	—	254	7
2330 distillate fuel oil	32,422	24,965	51	7,265	141
2340 residual fuel oil	27,543	20,792	52	6,544	155
2350 lube oil & greases	7,160	4,552	0	2,605	3
2410 petro. jelly & waxes	413	351	—	62	—
2429 naphtha & solvents	5,417	3,546	—	1,856	15
2430 asphalt, tar & pitch	5,860	2,135	291	3,417	17
2540 petroleum coke	5,448	959	53	4,417	20
2640 liquid natural gas	715	257	0	458	0
2990 petro. products nec	1,940	990	8	938	3
Total chemicals and related products	54,711	24,346	51	30,188	126
Subtotal fertilizers	12,369	1,558	—	10,810	2
3110 nitrogenous fert.	6,352	166	—	6,186	1
3120 phosphatic fert.	1,241	140	—	1,101	—
3130 potassic fert.	782	14	—	768	1
3190 fert. & mixes nec	3,994	1,238	—	2,755	0
Subtotal other chemicals and related products	42,342	22,788	51	19,378	124
3211 acyclic hydrocarbons	794	251	—	542	2
3212 benzene & toluene	2,171	1,049	—	1,088	34
3219 other hydrocarbons	10,622	4,153	—	6,446	23
3220 alcohols	4,922	1,323	—	3,579	20
3230 carboxylic acids	686	227	—	455	4
3240 nitrogen func. comp.	875	26	—	848	0
3250 organo - inorg. comp.	2	1	—	1	0
3260 organic comp. nec	977	336	—	640	1
3271 sulphur (liquid)	3,426	3,303	—	121	2
3272 sulphuric acid	285	2	2	276	5
3273 ammonia	1,009	0	—	1,009	0
3274 sodium hydroxide	6,654	3,821	—	2,821	12
3275 inorg. elem., oxides, & halogen salts	482	50	—	429	3
3276 metallic salts	565	125	50	389	1
3279 inorganic chem. nec	261	1	—	260	—
3281 radioactive material	5	5	—	—	—
3282 pigments & paints	62	61	—	1	0
3283 coloring mat. nec	1	1	—	—	—
3284 medicines	138	138	—	0	0
3285 perfumes & cleansers	162	161	—	0	—
3286 plastics	87	78	—	10	—
3291 pesticides	16	15	0	1	0
3292 starches, gluten, glue	9	9	—	—	—
3293 explosives	6	6	—	0	—
3297 chemical additives	7,651	7,331	—	302	18
3298 wood & resin chem.	5	2	—	4	—
3299 chem. products nec	468	311	—	156	1
Total crude materials, inedible except fuels*	90,883	5,443	38,154	47,148	138
Subtotal forest products, wood and chips	3,357	1,836	0	1,512	10
4110 rubber & gums	4	4	—	0	—
4150 fuel wood	1	0	—	1	0
4161 wood chips	1,357	236	0	1,121	0
4170 wood in the rough	551	216	0	325	10
4189 lumber	1,389	1,370	0	19	0
4190 forest products nec	56	11	—	45	—
Subtotal pulp and waste paper	91	70	—	21	—
4225 pulp & waste paper	91	70	—	21	—
Subtotal soil, sand, gravel, rock and stone*	32,010	2,898	8,883	20,120	109
4310 building stone	34	0	—	34	—

* Ton-miles not computed for 6.5 million short tons of waterway improvement material.

Table 2-2: SUMMARY OF WATERBORNE COMMERCE TON-MILES
BY TYPE OF TRAFFIC AND COMMODITY
Freight Traffic, 2001 - continued

Commodity	Grand Total	Coastwise	Lakewise	Internal	Intraport
4322 limestone	19,679	706	8,635	10,336	1
4323 gypsum	1,672	0	130	1,542	—
4327 phosphate rock	1,518	1,517	—	1	—
4331 sand & gravel	9,076	645	118	8,206	108
4338 soil & fill dirt	32	29	0	3	0
Subtotal iron ore and scrap	37,335	363	28,781	8,186	5
4410 iron ore	33,994	—	28,757	5,237	0
4420 iron & steel scrap	3,341	363	23	2,949	5
Subtotal marine shells	30	0	—	30	0
4515 marine shells	30	0	—	30	0
Subtotal non-ferrous ores and scrap	5,777	199	—	5,578	—
4650 aluminum ore	4,207	185	—	4,022	—
4670 manganese ore	677	—	—	677	—
4680 non-ferrous scrap	8	2	—	6	—
4690 non-ferrous ores nec	884	12	—	872	—
Subtotal sulphur, clay and salt	555	8	10	537	1
4741 sulphur, (dry)	0	0	—	—	—
4782 clay & refrac. mat.	555	8	10	537	1
Subtotal slag	1,089	—	193	886	9
4860 slag	1,089	—	193	886	9
Subtotal other non-metal. min.	10,638	70	288	10,277	4
4900 non-metal. min. nec	10,638	70	288	10,277	4
Total primary manufactured goods	26,872	4,074	1,130	21,636	31
Subtotal paper products	609	506	—	104	—
5110 newsprint	78	18	—	61	—
5120 paper & paperboard	104	92	—	12	—
5190 paper products nec	427	396	—	31	—
Subtotal lime, cement and glass	9,381	1,838	1,127	6,394	22
5210 lime	1,259	0	—	1,259	—
5220 cement & concrete	7,527	1,276	1,127	5,102	22
5240 glass & glass prod.	33	22	—	11	—
5290 misc. mineral prod.	562	540	0	22	0
Subtotal primary iron and steel products	13,713	135	3	13,566	9
5312 pig iron	5,178	—	2	5,167	9
5315 ferro alloys	1,195	—	—	1,195	—
5320 i&s primary forms	520	0	—	520	0
5330 i&s plates & sheets	3,375	1	1	3,373	0
5360 i&s bars & shapes	1,665	69	—	1,596	0
5370 i&s pipe & tube	680	23	—	657	0
5390 primary i&s nec	1,102	42	0	1,060	0
Subtotal primary non-ferrous metal products	3,044	1,474	0	1,570	0
5421 copper	36	9	—	27	—
5422 aluminum	244	5	—	239	—
5429 smelted prod. nec	200	3	—	198	—
5480 fab. metal products	2,564	1,457	0	1,106	0
Subtotal primary wood products	124	122	—	2	—
5540 primary wood prod.	124	122	—	2	—
Total food and farm products**	100,218	9,626	312	90,278	2
Subtotal fish**	164	164	0	—	—
6134 fish (not shellfish)	158	158	0	—	—
6136 shellfish	6	6	—	—	—
Subtotal grain	56,067	586	312	55,169	1
6241 wheat	7,961	327	312	7,322	0
6344 corn	45,749	68	—	45,680	0
6442 rice	1,214	190	—	1,023	—
6443 barley & rye	93	—	—	93	0
6445 oats	159	0	—	159	0
6447 sorghum grains	892	—	—	892	0
Subtotal oilseeds	25,858	24	—	25,834	1
6521 peanuts	0	0	—	—	—
6522 soybeans	20,830	13	—	20,817	0
6590 oilseeds nec	5,028	11	—	5,017	0
Subtotal vegetable products	1,575	508	—	1,066	0
6653 vegetable oils	1,105	89	—	1,016	0
6654 vegetables & prod.	470	420	—	50	—
Subtotal processed grain and animal feed	8,480	1,253	0	7,226	1
6746 wheat flour	104	55	—	49	—
6747 grain mill products	1,370	907	0	464	—
6781 hay & fodder	14	7	—	7	—
6782 animal feed, prep.	6,992	285	—	6,706	1
Subtotal other agricultural products	8,074	7,091	0	983	0
6811 meat, fresh, frozen	329	329	—	0	—
6817 meat, prepared	24	24	—	—	—
6822 dairy products	143	141	—	3	—
6835 fish, prepared	76	64	—	12	—

** Ton-miles not computed for fish landings.

Table 2-2: SUMMARY OF WATERBORNE COMMERCE TON-MILES
BY TYPE OF TRAFFIC AND COMMODITY
Freight Traffic, 2001 - continued

Commodity		Grand Total	Coastwise	Lakewise	Internal	Intraport
6838	tallow, animal oils	7	7	—	—	0
6839	animals & prod. nec	72	72	—	—	0
6856	bananas & plantains	6	6	—	—	—
6857	fruit & nuts nec	68	68	0	—	—
6858	fruit juices	496	496	—	0	—
6861	sugar	2,162	1,813	—	349	0
6865	molasses	594	254	—	340	0
6871	coffee	16	16	—	—	—
6872	cocoa beans	13	13	—	—	—
6885	alcoholic beverages	582	535	—	48	—
6887	groceries	1,509	1,459	0	50	0
6888	water & ice	39	6	—	33	0
6889	food products nec	1,817	1,676	0	140	—
6891	tobacco & products	12	12	—	—	—
6893	cotton	10	9	—	2	—
6894	natural fibers nec	0	0	—	—	—
6899	farm products nec	99	93	—	6	—
Total all manufactured equipment, machinery and products		16,067	15,204	0	853	11
7110	machinery (not elec)	849	625	0	223	0
7120	electrical machinery	138	125	0	14	—
7210	vehicles & parts	1,095	1,081	—	13	0
7220	aircraft & parts	1	1	—	0	—
7230	ships & boats	10	8	—	1	0
7300	ordnance & access.	0	0	—	0	—
7400	manufac. wood prod.	401	386	0	15	0
7500	textile products	210	171	—	39	—
7600	rubber & plastic pr.	123	57	—	66	—
7800	empty containers	4	1	—	3	0
7900	manufac. prod. nec	13,237	12,748	0	478	10
Total waste and scrap nec		291	0	0	261	29
8900	waste and scrap nec	291	0	0	261	29
Total unknown or not elsewhere classified		79	78	1	0	—
9900	unknown or nec	79	78	1	0	—

Table 2-3: DOMESTIC BARGE TRAFFIC BY TYPE OF TRAFFIC
AND COMMODITY

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	762,540	1995	786,560	1998	816,843	2001	806,346
1993	753,287	1996	802,275	1999	806,837		
1994	782,014	1997	820,432	2000	811,047		

Freight Traffic, 2001 (thousand short tons)

Commodity	Barge-Traffic						Domestic	
	Total	Coastwise	Lakewise	Internal	Intraport	Intra-Territory	%-Barge	Traffic
Total, all commodities	806,346	102,032	13,408	596,917	91,168	2,821	77.3	1,042,472
Total coal	205,826	9,694	211	174,215	21,706	—	90.4	227,718
1100 coal lignite	201,162	9,679	211	169,933	21,339	—	90.3	222,674
1200 coal coke	4,664	16	—	4,281	367	—	92.5	5,044
Total petroleum and petroleum products	253,265	61,225	1,659	145,233	42,330	2,819	68.5	369,745
Subtotal crude petroleum	27,472	1,125	—	24,683	1,664	—	32.0	85,971
2100 crude petroleum	27,472	1,125	—	24,683	1,664	—	32.0	85,971
Subtotal petroleum products	225,793	60,100	1,659	120,550	40,665	2,819	79.6	283,774
2211 gasoline	62,139	22,912	402	31,986	6,589	251	66.7	93,098
2221 kerosene	2,044	404	—	1,166	474	—	53.7	3,807
2330 distillate fuel oil	51,057	13,464	145	27,082	9,280	1,085	77.8	65,591
2340 residual fuel oil	72,011	17,967	195	32,821	19,547	1,483	91.5	78,742
2350 lube oil & greases	4,630	637	4	3,581	408	—	68.7	6,742
2410 petro. jelly & waxes	105	10	—	95	—	—	42.4	248
2429 naphtha & solvents	7,765	487	—	5,696	1,582	—	89.4	8,688
2430 asphalt, tar & pitch	11,882	2,937	831	7,140	973	—	99.5	11,941
2540 petroleum coke	8,281	374	82	6,622	1,203	—	96.0	8,626
2640 liquid natural gas	1,656	311	—	1,322	24	—	99.6	1,663
2990 petro. products nec	4,223	597	—	3,041	585	—	91.2	4,630
Total chemicals and related products	64,661	6,440	146	47,746	10,329	—	91.0	71,080
Subtotal fertilizers	14,026	1,526	—	12,302	198	—	98.8	14,199
3110 nitrogenous fert.	7,265	92	—	7,090	83	—	100.0	7,266
3120 phosphatic fert.	1,625	169	—	1,456	—	—	99.4	1,635
3130 potassic fert.	1,385	13	—	1,316	57	—	100.0	1,385
3190 fert. & mixes nec	3,751	1,253	—	2,440	58	—	95.9	3,913
Subtotal other chemicals and related products	50,634	4,914	146	35,444	10,131	—	89.0	56,881
3211 acyclic hydrocarbons	2,258	0	—	1,923	335	—	98.2	2,299
3212 benzene & toluene	5,952	34	—	4,056	1,862	—	96.2	6,185
3219 other hydrocarbons	11,415	1,682	—	8,153	1,580	—	96.9	11,775
3220 alcohols	7,804	230	—	5,959	1,615	—	95.2	8,194
3230 carboxylic acids	1,467	12	—	798	656	—	93.8	1,564
3240 nitrogen func. comp.	1,476	0	—	1,472	4	—	99.3	1,486
3250 organo - inorg. comp.	20	0	—	13	7	—	97.4	21
3260 organic comp. nec	1,090	16	—	897	177	—	89.8	1,214
3271 sulphur (liquid)	2,704	1,529	—	1,021	154	—	60.7	4,453
3272 sulphuric acid	1,808	3	8	1,552	244	—	100.0	1,808
3273 ammonia	1,610	0	—	1,571	40	—	100.0	1,610
3274 sodium hydroxide	5,496	919	—	3,720	856	—	87.8	6,259
3275 inorg. elem., oxides, & halogen salts	1,179	14	—	716	449	—	98.9	1,192
3276 metallic salts	1,177	41	138	856	142	—	94.9	1,240
3279 inorganic chem. nec	189	0	—	189	—	—	99.9	189
3281 radioactive material	0	0	—	—	—	—	14.5	2
3282 pigments & paints	6	3	—	2	1	—	19.9	30
3283 coloring mat. nec	0	0	—	—	—	—	14.4	1
3284 medicines	8	5	—	0	3	—	8.6	95
3285 perfumes & cleansers	30	26	—	4	—	—	34.6	87
3286 plastics	30	13	—	17	—	—	54.2	55
3291 pesticides	3	1	—	1	2	—	24.5	14
3292 starches, gluten, glue	2	2	—	—	—	—	36.1	6
3293 explosives	2	1	—	2	—	—	57.2	4
3297 chemical additives	4,406	290	—	2,178	1,938	—	67.8	6,497
3298 wood & resin chem.	61	1	—	60	—	—	99.6	61
3299 chem. products nec	441	89	—	286	66	—	81.9	539
Total crude materials, inedible except fuels	142,224	10,549	9,879	110,624	11,171	—	66.6	213,673
Subtotal forest products, wood and chips	5,610	1,725	0	3,853	32	—	54.9	10,222
4110 rubber & gums	2	2	—	0	—	—	71.1	3
4150 fuel wood	4	—	—	3	0	—	97.1	4
4161 wood chips	3,889	650	—	3,234	5	—	100.0	3,889

Table 2-3: DOMESTIC BARGE TRAFFIC
BY TYPE OF TRAFFIC AND COMMODITY
Freight Traffic, 2001 - continued

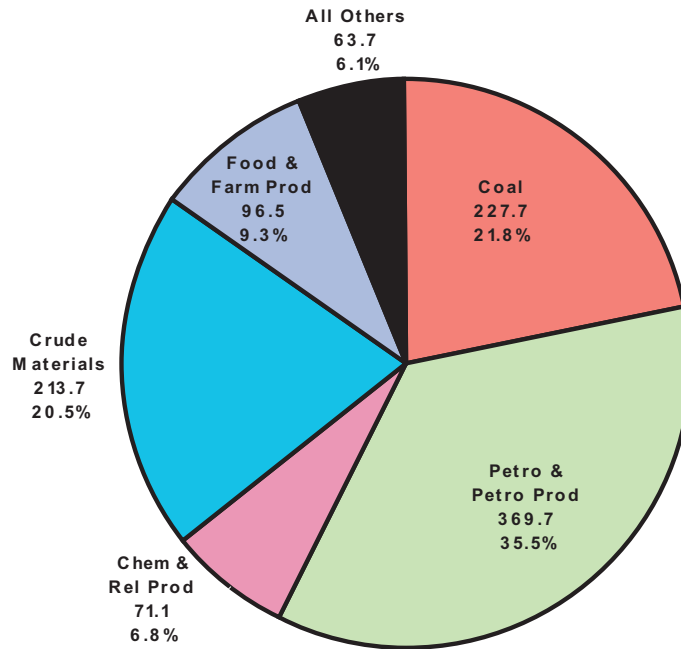
Commodity	Barge-Traffic						Domestic	
	Total	Coastwise	Lakewise	Internal	Intraport	Intra-Territory	%-Barge	Traffic
4170 wood in the rough	942	386	—	530	26	—	17.8	5,310
4189 lumber	727	683	0	44	0	—	78.5	926
4190 forest products nec	46	4	—	42	—	—	50.4	91
Subtotal pulp and waste paper	171	41	—	130	—	—	97.3	176
4225 pulp & waste paper	171	41	—	130	—	—	97.3	176
Subtotal soil, sand, gravel, rock and stone	105,869	8,074	6,098	81,761	9,935	—	81.9	129,267
4310 building stone	68	1	—	67	—	—	100.0	68
4322 limestone	33,863	1,601	5,875	26,359	28	—	60.4	56,034
4323 gypsum	2,547	0	—	2,547	—	—	88.0	2,893
4327 phosphate rock	1,736	1,735	—	2	—	—	100.0	1,736
4331 sand & gravel	67,637	4,734	222	52,774	9,907	—	98.7	68,510
4338 soil & fill dirt	17	4	1	13	0	—	68.5	25
Subtotal iron ore and scrap	12,769	388	3,723	7,966	692	—	23.6	54,006
4410 iron ore	7,211	—	3,716	3,494	—	—	14.9	48,404
4420 iron & steel scrap	5,559	388	6	4,472	692	—	99.2	5,602
Subtotal marine shells	244	1	—	228	15	—	100.0	244
4515 marine shells	244	1	—	228	15	—	100.0	244
Subtotal non-ferrous ores and scrap	6,158	287	—	5,871	—	—	100.0	6,159
4650 aluminum ore	3,623	273	—	3,350	—	—	100.0	3,623
4670 manganese ore	490	—	—	490	—	—	100.0	490
4680 non-ferrous scrap	9	0	—	9	—	—	88.2	11
4690 non-ferrous ores nec	2,036	15	—	2,021	—	—	100.0	2,036
Subtotal sulphur, clay and salt	708	2	—	673	34	—	47.9	1,479
4782 clay & refrac. mat.	708	2	—	673	34	—	47.9	1,479
Subtotal slag	1,258	—	14	980	265	—	75.5	1,666
4860 slag	1,258	—	14	980	265	—	75.5	1,666
Subtotal other non-metal. min.	9,437	30	45	9,162	199	—	90.3	10,454
4900 non-metal. min. nec	9,437	30	45	9,162	199	—	90.3	10,454
Total primary manufactured goods	37,450	7,382	1,513	26,411	2,144	—	92.8	40,336
Subtotal paper products	239	104	—	135	—	—	60.9	393
5110 newsprint	45	3	—	42	—	—	90.3	50
5120 paper & paperboard	58	19	—	39	—	—	67.5	86
5190 paper products nec	136	82	—	54	—	—	53.0	256
Subtotal lime, cement and glass	17,503	2,768	1,477	12,424	833	—	88.1	19,863
5210 lime	3,399	0	—	3,399	—	—	100.0	3,399
5220 cement & concrete	13,834	2,661	1,477	8,866	830	—	86.7	15,963
5240 glass & glass prod.	21	7	—	14	—	—	71.1	30
5290 misc. mineral prod.	248	99	0	145	3	—	52.7	471
Subtotal primary iron and steel products	13,765	96	35	12,334	1,300	—	99.0	13,906
5312 pig iron	5,781	—	6	4,536	1,239	—	100.0	5,781
5315 ferro alloys	876	—	—	876	—	—	100.0	876
5320 i&s primary forms	548	0	—	536	12	—	100.0	548
5330 i&s plates & sheets	3,222	0	23	3,169	30	—	100.0	3,223
5360 i&s bars & shapes	1,429	31	—	1,395	3	—	99.8	1,433
5370 i&s pipe & tube	915	14	—	889	11	—	87.1	1,050
5390 primary i&s nec	993	50	6	932	5	—	99.8	995
Subtotal primary non-ferrous metal products	5,891	4,368	1	1,511	11	—	96.3	6,119
5421 copper	43	16	—	28	—	—	98.5	44
5422 aluminum	219	2	—	217	—	—	99.2	220
5429 smelted prod. nec	168	1	—	167	—	—	99.3	169
5480 fab. metal products	5,461	4,350	1	1,100	11	—	96.1	5,686
Subtotal primary wood products	52	45	—	7	—	—	92.4	56
5540 primary wood prod.	52	45	—	7	—	—	92.4	56
Total food and farm products	93,031	3,573	—	89,204	251	3	96.4	96,514
Subtotal fish	2	2	—	—	—	—	2.3	77
6134 fish (not shellfish)	2	2	—	—	—	—	2.3	75
6136 shellfish	0	0	—	—	—	—	0.8	2
Subtotal grain	54,382	212	—	54,131	39	—	99.3	54,766
6241 wheat	11,735	154	—	11,570	11	—	97.2	12,074
6344 corn	38,998	34	—	38,953	11	—	100.0	38,999
6442 rice	1,857	24	—	1,832	—	—	97.7	1,901
6443 barley & rye	238	—	—	236	2	—	100.0	238
6445 oats	199	0	—	191	8	—	100.0	199
6447 sorghum grains	1,356	—	—	1,349	7	—	100.0	1,356
Subtotal oilseeds	25,218	9	—	25,169	40	—	100.0	25,222
6521 peanuts	0	0	—	—	—	—	75.0	0
6522 soybeans	20,034	6	—	20,002	26	—	100.0	20,034
6590 oilseeds nec	5,184	2	—	5,167	14	—	99.9	5,188

Table 2-3: DOMESTIC BARGE TRAFFIC
BY TYPE OF TRAFFIC AND COMMODITY
Freight Traffic, 2001 - continued

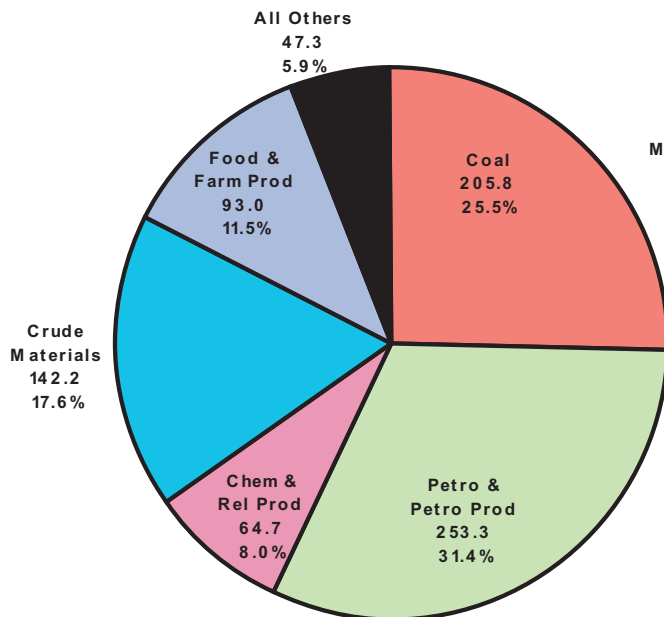
Commodity	Barge-Traffic						Domestic	
	Total	Coastwise	Lakewise	Internal	Intraport	Intra-Territory	%-Barge	Traffic
Subtotal vegetable products	1,293	83	---	1,186	24	0	89.1	1,450
6653 vegetable oils	1,168	45	---	1,100	24	0	99.2	1,177
6654 vegetables & prod.	125	38	---	86	---	---	45.7	273
Subtotal processed grain and animal feed	7,591	528	---	6,968	94	---	98.6	7,696
6746 wheat flour	85	3	---	82	---	---	84.9	100
6747 grain mill products	896	488	---	408	---	---	98.5	910
6781 hay & fodder	35	2	---	34	---	---	94.4	38
6782 animal feed, prep.	6,575	35	---	6,445	94	---	98.9	6,650
Subtotal other agricultural products	4,546	2,739	---	1,750	55	2	62.3	7,302
6811 meat, fresh, frozen	27	27	---	0	---	---	17.0	157
6817 meat, prepared	2	2	---	---	---	---	10.4	17
6822 dairy products	27	15	---	12	---	---	38.2	71
6835 fish, prepared	29	14	---	15	---	---	62.8	46
6838 tallow, animal oils	5	4	---	---	2	---	97.5	5
6839 animals & prod. nec	21	21	---	---	---	---	47.9	45
6857 fruit & nuts nec	6	6	---	---	---	---	17.6	32
6858 fruit juices	105	105	---	0	---	---	40.8	259
6861 sugar	1,973	1,042	---	918	12	---	91.6	2,154
6865 molasses	510	111	---	382	15	2	89.2	572
6871 coffee	2	2	---	---	---	---	32.8	8
6885 alcoholic beverages	101	56	---	45	---	---	39.4	257
6887 groceries	396	305	---	90	1	---	43.0	921
6888 water & ice	126	1	---	100	25	---	12.4	1,011
6889 food products nec	1,187	1,009	---	179	---	---	71.1	1,670
6891 tobacco & products	1	1	---	---	---	---	24.8	6
6893 cotton	2	0	---	1	---	---	19.5	8
6899 farm products nec	26	19	---	7	---	---	48.2	54
Total all manufactured equipment, machinery and products	6,474	3,167	0	2,196	1,110	---	32.6	19,870
7110 machinery (not elec)	303	76	0	225	2	---	3.6	8,330
7120 electrical machinery	28	14	---	14	---	---	35.3	79
7210 vehicles & parts	789	772	---	17	0	---	74.4	1,061
7220 aircraft & parts	2	0	---	2	---	---	88.2	2
7230 ships & boats	7	5	---	2	0	---	65.6	10
7300 ordnance & access.	1	0	---	0	---	---	97.9	1
7400 manufac. wood prod.	121	93	---	27	0	---	45.7	264
7500 textile products	37	6	---	31	---	---	41.0	91
7600 rubber & plastic pr.	117	8	---	109	---	---	84.3	139
7800 empty containers	32	---	---	14	18	---	98.2	33
7900 manufac. prod. nec	5,037	2,193	---	1,756	1,089	---	51.1	9,861
Total waste and scrap nec	3,414	0	---	1,288	2,127	---	98.4	3,469
8900 waste and scrap nec	3,414	0	---	1,288	2,127	---	98.4	3,469
Total unknown or not elsewhere classified	1	1	---	---	---	---	1.1	67
9900 unknown or nec	1	1	---	---	---	---	1.1	67

Figure 2-1
DOMESTIC COMMERCE, 2001
 COMPARED BY MAJOR COMMODITY GROUPS
 BARGE AND SELF-PROPELLED VESSEL TRAFFIC
 (million short tons and percentage of short tons)

Domestic Traffic



Barge Traffic



Self-Propelled Traffic

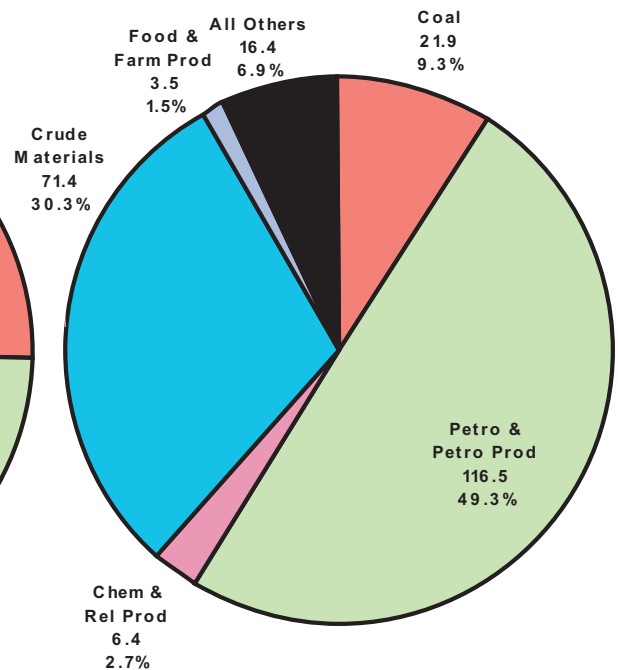
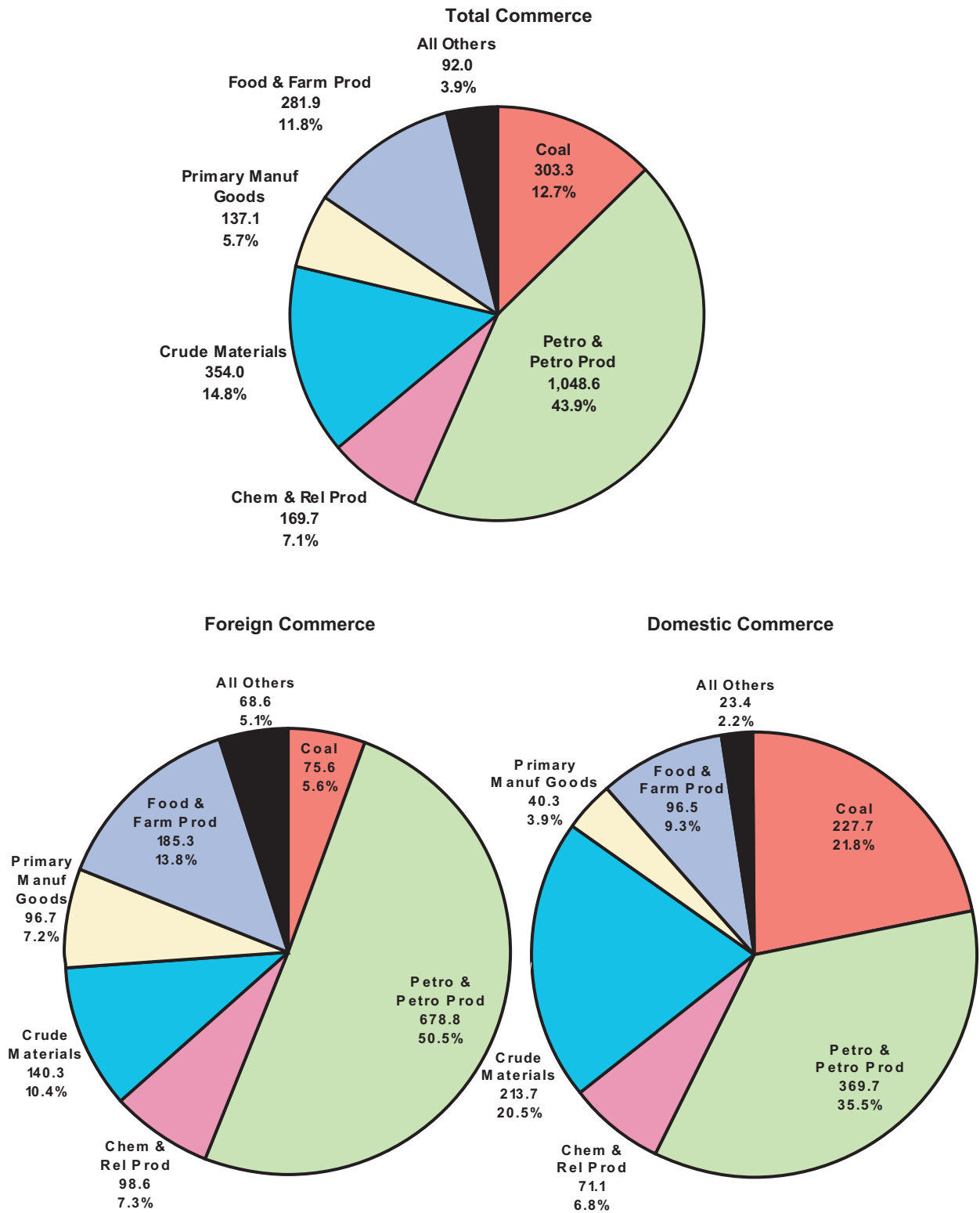


Table 2-4: PRINCIPAL COMMODITIES IN WATERBORNE COMMERCE, 2000-2001
(million short tons)

	2000	2001	%Change
Total Commerce	2,424.6	2,386.6	-1.6
Coal	297.0	303.3	2.1
Petro & Petro Prod	1,043.9	1,048.6	0.4
Chem & Rel Prod	172.4	169.7	-1.6
Crude Materials	380.3	354.0	-6.9
Primary Manuf Goods	153.0	137.1	-10.4
Food and Farm Prod	283.3	281.9	-0.5
All Manuf Equip	83.6	80.3	-3.9
Other	11.1	11.7	5.6
Foreign Commerce	1,354.8	1,344.1	-0.8
Coal	76.3	75.6	-0.9
Petro & Petro Prod	673.3	678.8	0.8
Chem & Rel Prod	96.4	98.6	2.3
Crude Materials	146.1	140.3	-4.0
Primary Manuf Goods	107.2	96.7	-9.8
Food and Farm Prod	186.4	185.3	-0.5
All Manuf Equip	62.4	60.5	-3.0
Other	6.7	8.2	21.1
Domestic Commerce	1,069.8	1,042.5	-2.6
Coal	220.7	227.7	3.2
Petro & Petro Prod	370.6	369.7	-0.2
Chem & Rel Prod	76.0	71.1	-6.5
Crude Materials	234.2	213.7	-8.8
Primary Manuf Goods	45.8	40.3	-11.9
Food and Farm Prod	96.9	96.5	-0.4
All Manuf Equip	21.2	19.9	-6.5
Other	4.3	3.5	-18.5

Figure 2-2
PRINCIPAL COMMODITY GROUPS CARRIED BY WATER, 2001
(million short tons and percentage of short tons)



Section 3

Waterways

Figure 3-1
MISSISSIPPI RIVER SYSTEM, 1982-2001
BY TYPE OF TRAFFIC
(million short tons)

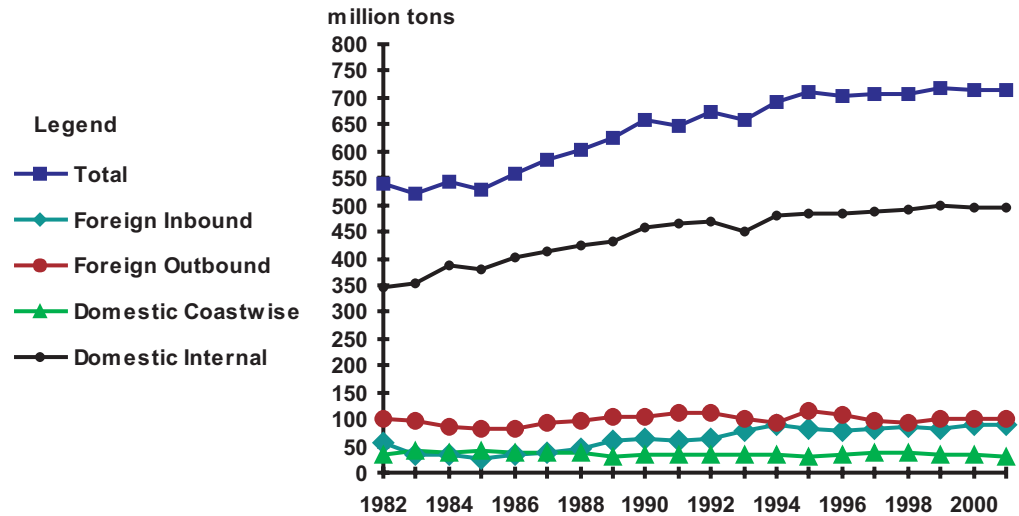


Table 3-1: MISSISSIPPI RIVER SYSTEM, 1982-2001
BY TYPE OF TRAFFIC*
(million short tons)

	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Total	539.6	519.1	543.5	527.8	556.4	583.4	601.6	626.4	659.1	646.6
Foreign										
Inbound	56.7	32.3	34.1	27.0	35.1	38.1	45.3	59.9	63.1	60.1
Outbound	100.8	95.8	85.9	81.0	81.1	93.7	97.5	104.0	106.0	109.9
Domestic										
Coastwise	34.7	39.1	36.7	40.9	37.4	37.4	35.8	31.1	32.6	31.3
Internal	347.5	352.0	386.6	378.9	402.8	414.2	423.0	431.5	457.5	445.1

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Total	673.1	660.4	693.3	707.2	701.8	707.1	707.4	716.9	715.5	714.8
Foreign										
Inbound	63.0	76.9	89.8	81.5	77.3	83.5	85.2	83.5	87.7	87.8
Outbound	112.3	100.0	92.4	115.8	108.7	98.5	94.7	99.2	100.5	99.8
Domestic										
Coastwise	32.3	31.8	32.4	30.6	33.0	36.3	36.7	34.6	34.1	30.9
Internal	465.4	451.7	478.7	479.4	482.8	488.9	490.7	499.6	493.1	496.3

* Foreign Inbound includes Upbound Thru Traffic. Foreign Outbound includes Downbound Thru Traffic.

Figure 3-2
MISSISSIPPI RIVER SYSTEM, 1982-2001
ALL TRAFFIC BY COMMODITY GROUP
(million short tons)

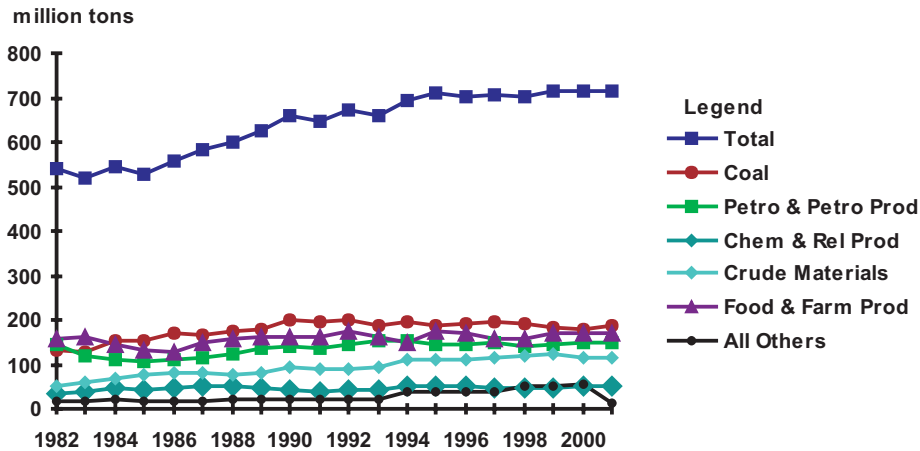


Table 3-2: MISSISSIPPI RIVER SYSTEM, 1982-2001
ALL TRAFFIC BY COMMODITY GROUP
(million short tons)

	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Total	539.6	519.1	543.5	527.8	556.4	583.4	601.6	626.4	659.1	646.6
Coal	133.1	129.0	153.0	152.0	171.1	167.9	173.8	180.3	200.8	197.5
Petro & Petro Prod	146.4	118.7	110.5	107.6	112.1	116.9	124.4	138.2	140.9	137.9
Chem & Rel Prod	32.7	37.8	45.7	44.4	48.6	50.6	50.8	45.8	41.8	40.0
Crude Materials	52.4	58.3	68.2	75.6	80.0	79.5	78.6	82.6	92.8	89.0
Primary Manuf Goods	13.4	14.2	18.6	16.5	17.5	17.1	18.3	18.1	18.3	19.4
Food & Farm Prod	159.4	159.8	146.5	130.6	125.8	150.4	156.4	160.1	163.4	161.9
All Manuf Equip	0.8	0.7	0.6	0.7	0.8	0.6	0.8	1.1	1.0	0.8
Other	1.5	0.7	0.4	0.4	0.3	0.4	0.4	0.4	0.1	0.1

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Total	673.1	660.4	693.3	707.2	701.8	707.1	707.4	716.9	715.5	714.8
Coal	199.7	186.1	194.2	188.1	192.3	194.2	191.5	182.4	177.2	188.4
Petro & Petro Prod	144.6	153.0	153.6	146.2	143.0	150.3	141.6	143.0	150.0	150.6
Chem & Rel Prod	42.0	43.5	50.3	51.4	49.9	48.9	47.4	46.6	50.3	49.9
Crude Materials	91.1	95.4	109.7	108.3	111.0	116.6	120.5	121.9	115.8	115.7
Primary Manuf Goods	18.9	21.6	36.5	37.3	34.6	36.7	46.5	49.8	50.4	37.0
Food & Farm Prod	175.7	159.6	147.7	174.5	168.3	157.6	157.0	171.2	169.0	171.1
All Manuf Equip	0.9	1.1	1.1	1.2	2.5	2.5	2.6	1.8	2.1	1.8
Other	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.7	0.1

Figure 3-3
MISSISSIPPI RIVER SYSTEM, 1982-2001
INTERNAL TRAFFIC BY COMMODITY GROUP
(million short tons)

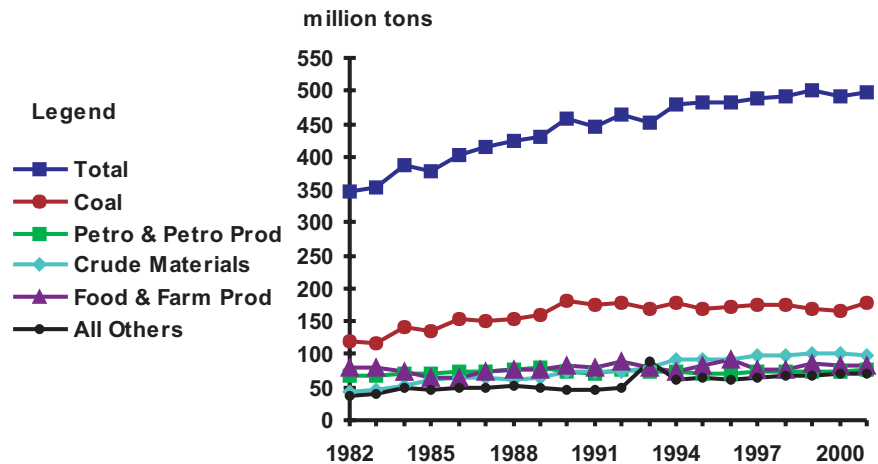


Table 3-3: MISSISSIPPI RIVER SYSTEM, 1982-2001
INTERNAL TRAFFIC BY COMMODITY GROUP
(million short tons)

	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Total	347.5	352.0	386.6	378.9	402.8	414.2	423.0	431.5	457.5	445.1
Coal	121.2	117.0	141.3	135.8	153.6	151.1	153.3	159.4	180.1	174.3
Petro & Petro Prod	69.1	69.1	70.0	70.1	72.7	73.8	78.2	79.0	74.1	72.0
Chem & Rel Prod	24.4	28.5	34.3	33.4	35.7	36.7	37.7	34.6	31.1	30.7
Crude Materials	42.3	46.7	52.9	60.7	63.7	65.0	62.3	65.7	75.2	72.5
Primary Manuf Goods	9.8	10.8	13.7	12.4	13.0	13.1	13.6	13.9	14.3	14.8
Food & Farm Prod	78.9	78.9	73.7	65.9	63.2	73.9	77.1	77.9	82.0	80.3
All Manuf Equip	0.4	0.3	0.4	0.3	0.5	0.3	0.5	0.7	0.6	0.5
Other	1.4	0.6	0.3	0.3	0.3	0.3	0.3	0.3	0.1	0.1

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Total	465.4	451.7	478.7	479.4	482.8	488.9	490.7	499.6	493.1	496.3
Coal	178.4	167.8	176.7	169.4	173.3	174.9	174.8	169.3	166.0	177.1
Petro & Petro Prod	76.7	73.7	72.6	71.7	71.9	74.0	74.8	73.2	73.1	75.3
Chem & Rel Prod	33.2	34.4	38.7	39.0	37.8	38.1	36.7	36.2	36.1	34.4
Crude Materials	74.2	79.1	92.4	90.5	93.4	98.2	98.4	102.8	100.2	99.0
Primary Manuf Goods	14.5	15.5	22.9	23.8	22.3	23.4	27.2	30.7	32.5	25.5
Food & Farm Prod	87.7	80.4	74.5	84.1	81.7	77.9	76.5	85.7	83.0	83.5
All Manuf Equip	0.5	0.7	0.7	0.8	2.1	2.2	2.2	1.5	1.5	1.2
Other	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.6	0.3

Table 3-4: PRINCIPAL COMMODITIES IN WATERBORNE COMMERCE, 2000-2001
FOR THE MISSISSIPPI RIVER SYSTEM
(million short tons)

	2000	2001	%Change
Foreign Commerce	188.2	187.6	-0.3
Coal	2.3	4.0	69.4
Petro & Petro Prod	58.6	56.7	-3.2
Chem & Rel Prod	11.1	13.4	20.7
Crude Materials	12.4	14.9	20.4
Primary Manuf Goods	17.9	11.5	-35.7
Food & Farm Prod	85.3	86.6	1.5
Other	0.6	0.5	-8.3
Coastwise Traffic	34.1	30.9	-9.5
Coal	8.9	7.3	-17.3
Petro & Petro Prod	18.3	18.6	1.7
Chem & Rel Prod	3.0	2.1	-30.8
Crude Materials	3.3	1.9	-42.6
Primary Manuf Goods	0.0	0.0	-98.9
Food & Farm Prod	0.7	1.0	43.7
Other	0.0	0.0	285.2
Internal Traffic	493.1	496.3	0.6
Coal	166.0	177.1	6.7
Petro & Petro Prod	73.1	75.3	3.0
Chem & Rel Prod	36.1	34.4	-4.9
Crude Materials	100.2	99.0	-1.2
Primary Manuf Goods	32.5	25.5	-21.6
Food & Farm Prod	83.0	83.5	0.6
Other	2.2	1.6	-26.5

Figure 3-4
PRINCIPAL COMMODITY GROUPS CARRIED BY WATER, 2001
FOR THE MISSISSIPPI RIVER SYSTEM
(million short tons and percentage of short tons)

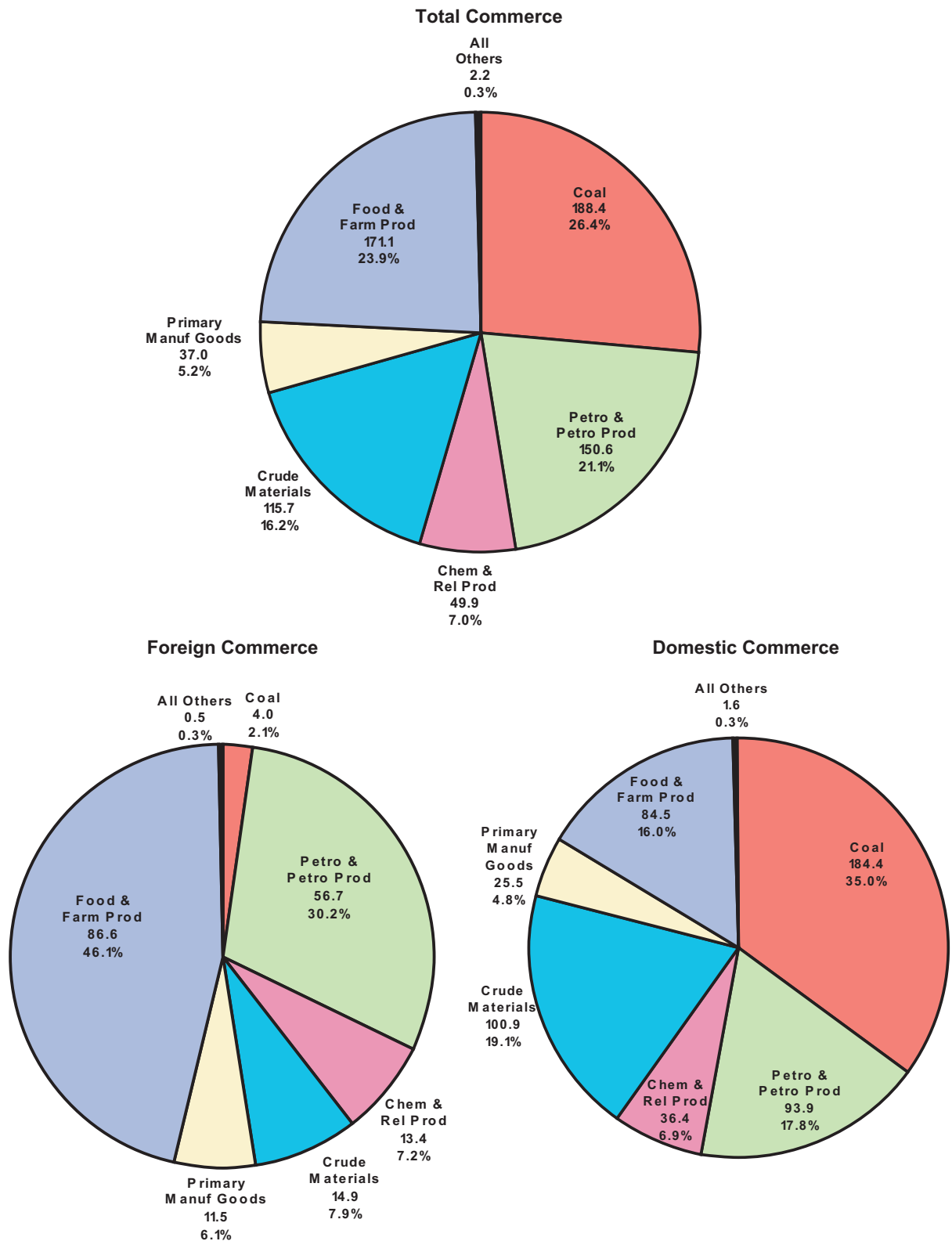


Figure 3-5
MISSISSIPPI RIVER MAIN STEM, 1982-2001
BY TYPE OF TRAFFIC
(million short tons)

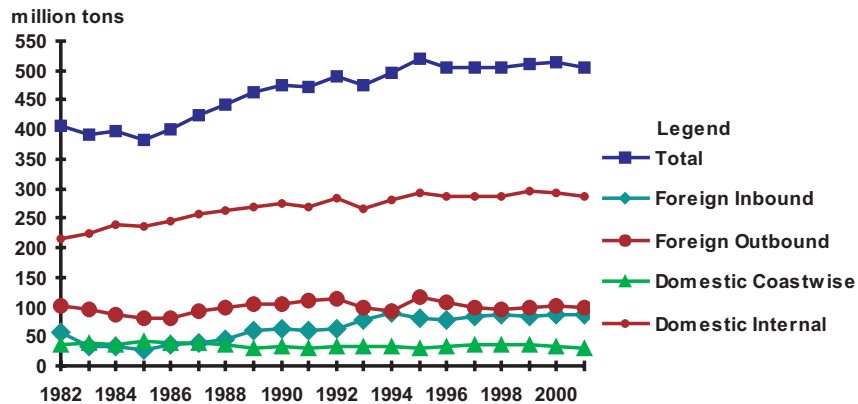


Table 3-5: MISSISSIPPI RIVER MAIN STEM, 1982-2001
BY TYPE OF TRAFFIC*
(million short tons)

	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Total	407.6	392.1	397.3	384.0	399.9	425.0	441.5	462.7	475.3	471.7
Foreign										
Inbound	56.7	32.3	34.1	27.0	35.1	38.1	45.3	59.9	63.1	60.1
Outbound	100.8	95.8	85.9	81.0	81.1	93.7	97.5	104.0	106.0	109.9
Domestic										
Coastwise	34.7	39.1	36.9	40.9	37.4	37.4	35.8	31.1	32.6	31.3
Internal	215.4	225.0	240.4	235.0	246.3	255.8	262.9	267.8	273.6	270.3

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Total	491.0	475.1	496.8	520.3	505.6	504.7	503.9	512.3	515.6	504.2
Foreign										
Inbound	63.0	76.9	89.8	81.5	77.3	83.5	85.2	83.5	87.7	87.8
Outbound	112.3	100.0	92.4	115.8	108.7	98.5	94.7	99.2	100.5	99.8
Domestic										
Coastwise	32.4	31.8	32.4	30.6	33.0	36.3	36.7	34.6	34.1	30.9
Internal	283.3	266.5	282.2	292.4	286.5	286.5	287.3	295.0	293.3	285.6

* Foreign Inbound includes Upbound Thru Traffic. Foreign Outbound includes Downbound Thru Traffic.

Figure 3-6
MISSISSIPPI RIVER MAIN STEM, 1982-2001
BY COMMODITY GROUP
(million short tons)

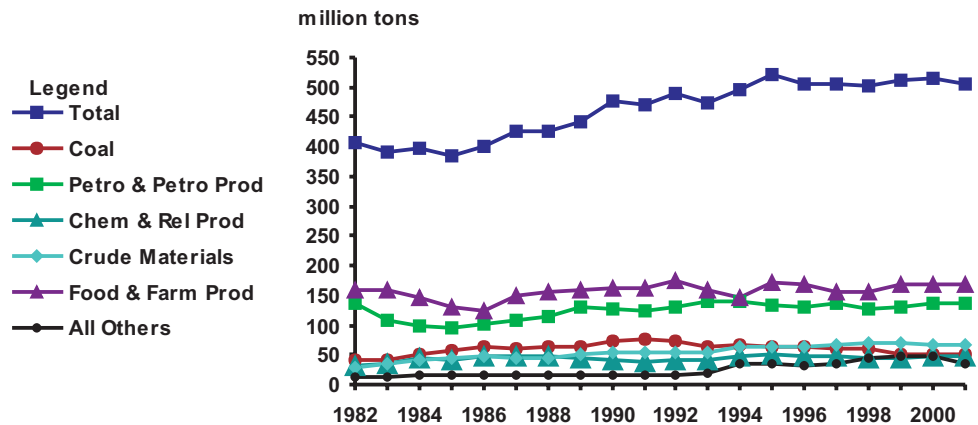


Table 3-6: MISSISSIPPI RIVER MAIN STEM, 1982-2001
BY COMMODITY GROUP
(million short tons)

	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Total	407.6	392.1	397.3	384.0	399.9	425.0	441.5	462.7	475.3	471.7
Coal	41.1	41.2	49.7	56.8	62.9	59.3	62.3	63.7	73.7	77.2
Petro & Petro Prod	135.4	108.8	99.2	96.7	102.6	107.3	115.3	128.8	127.7	124.4
Chem & Rel Prod	30.9	36.0	43.0	41.1	46.2	47.9	48.3	44.0	40.3	38.4
Crude Materials	29.2	34.2	42.7	44.9	47.4	45.7	43.7	50.4	55.1	53.8
Primary Manuf Goods	11.5	12.1	16.3	14.3	15.3	14.8	15.8	15.4	15.3	16.4
Food & Farm Prod	158.6	158.8	145.6	129.1	124.4	149.0	155.1	158.8	162.1	160.6
All Manuf Equip	0.7	0.6	0.6	0.7	0.8	0.6	0.8	1.1	1.0	0.8
Other	0.3	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.1	0.1

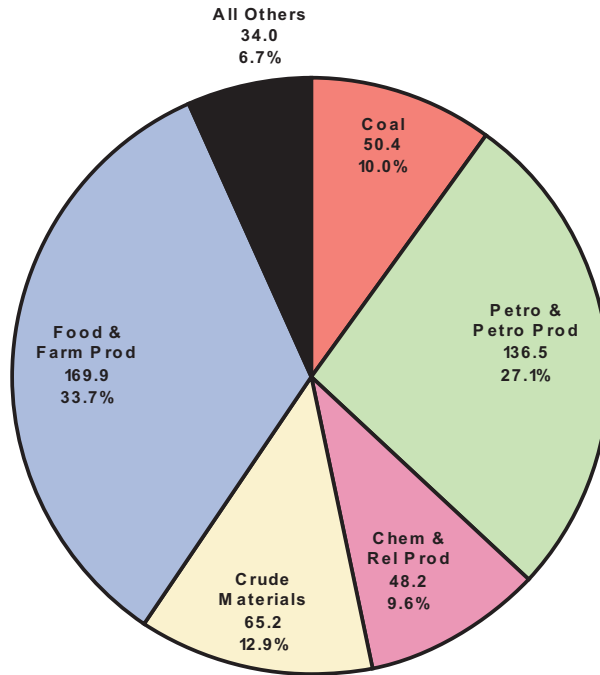
	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Total	491.0	475.1	496.8	520.3	505.6	504.7	503.9	512.3	515.6	504.2
Coal	73.1	64.1	65.4	64.6	63.3	61.7	59.2	52.0	50.0	50.4
Petro & Petro Prod	130.8	138.4	139.4	133.0	130.2	136.6	127.7	129.3	135.4	136.5
Chem & Rel Prod	40.4	41.6	48.6	49.7	48.4	47.2	45.7	45.0	48.5	48.2
Crude Materials	55.5	54.3	63.5	65.0	63.5	66.8	69.7	69.4	65.9	65.2
Primary Manuf Goods	15.7	18.3	32.9	34.0	31.0	33.5	43.1	45.0	45.9	32.0
Food & Farm Prod	174.4	157.4	145.9	172.8	167.0	156.5	155.9	169.9	167.9	169.9
All Manuf Equip	0.9	1.0	0.9	1.0	2.0	2.2	2.3	1.6	1.7	1.7
Other	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.3	0.3

Table 3-7: PRINCIPAL COMMODITIES IN WATERBORNE COMMERCE, 2000-2001
FOR THE MISSISSIPPI RIVER MAIN STEM
(million short tons)

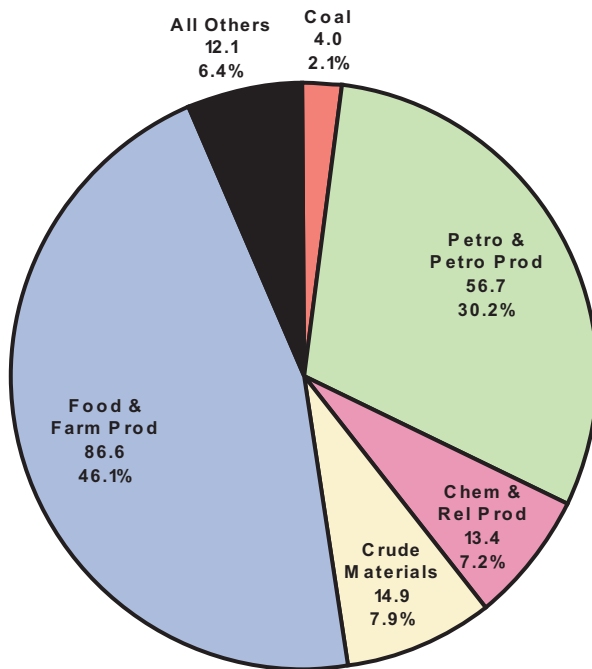
	2000	2001	%Change
Total Commerce	515.6	504.2	-2.2
Coal	50.0	50.4	0.9
Petro & Petro Prod	135.4	136.5	0.8
Chem & Rel Prod	48.5	48.2	-0.6
Crude Materials	65.9	65.2	1.1
Primary Manuf Goods	45.9	32.0	-30.3
Food & Farm Prod	167.9	169.9	1.2
Other	2.0	2.0	1.3
Foreign Commerce	188.2	187.6	-0.3
Coal	2.3	4.0	69.4
Petro & Petro Prod	58.6	56.7	-3.2
Chem & Rel Prod	11.1	13.4	20.7
Crude Materials	12.4	14.9	20.4
Primary Manuf Goods	17.9	11.5	-35.7
Food & Farm Prod	85.3	86.6	1.5
Other	0.6	0.5	-8.3
Domestic Commerce	327.4	316.5	-3.3
Coal	47.7	46.5	-2.5
Petro & Petro Prod	76.8	79.8	3.8
Chem & Rel Prod	37.4	34.8	-6.9
Crude Materials	53.6	50.4	-6.0
Primary Manuf Goods	28.0	20.4	-26.9
Food & Farm Prod	82.6	83.3	0.8
Other	1.4	1.5	5.5

Figure 3-7
PRINCIPAL COMMODITY GROUPS CARRIED BY WATER, 2001
FOR THE MISSISSIPPI RIVER MAIN STEM
(million short tons and percentage of short tons)

Total Commerce



Foreign Commerce



Domestic Commerce

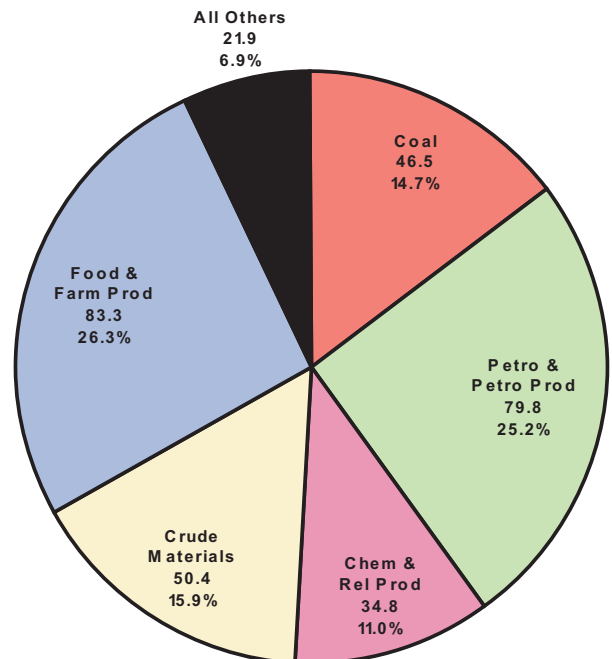


Figure 3-8
OHIO RIVER SYSTEM, 1982-2001
BY COMMODITY GROUP
(million short tons)

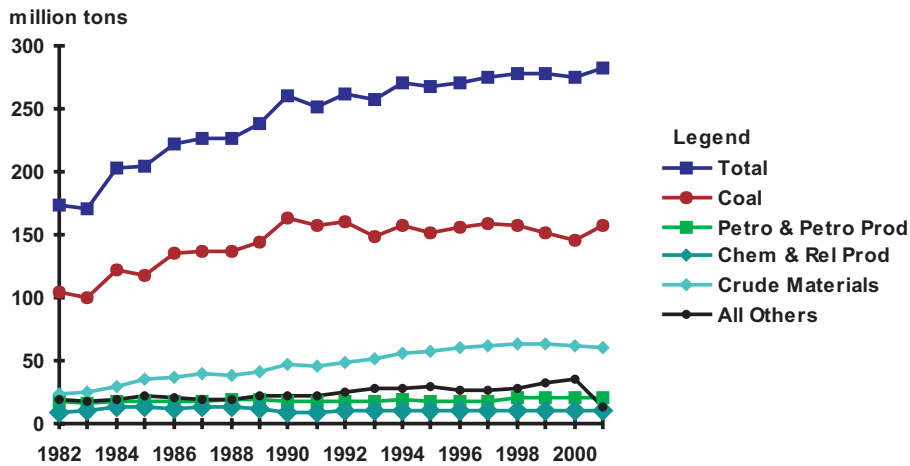


Table 3-8: OHIO RIVER SYSTEM, 1982-2001
BY COMMODITY GROUP
(million short tons)

	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Total	174.0	171.2	202.2	203.9	222.2	226.7	225.9	238.4	260.0	251.9
Coal	104.6	100.7	122.5	117.3	135.9	137.3	136.7	144.6	163.0	156.8
Petro & Petro Prod	17.1	16.5	17.9	17.1	17.6	18.2	18.6	18.8	18.3	17.8
Chem & Rel Prod	9.3	10.9	13.2	12.9	12.4	12.6	13.3	11.7	9.1	9.4
Crude Materials	23.4	24.8	29.4	34.9	36.4	39.0	38.1	41.0	47.0	45.3
Primary Manuf Goods	4.7	5.3	6.6	6.2	6.1	6.1	6.5	7.0	7.2	7.4
Food & Farm Prod	14.8	13.0	12.5	15.4	13.8	13.5	12.5	15.2	15.3	15.0
Other	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Total	261.4	257.3	270.5	267.6	270.9	274.9	277.9	277.9	274.4	281.8
Coal	159.8	149.0	157.9	151.7	156.5	158.4	156.9	150.8	146.1	157.1
Petro & Petro Prod	18.0	18.1	18.9	18.2	17.7	18.3	20.7	21.1	20.8	20.9
Chem & Rel Prod	10.0	10.4	10.6	10.7	9.8	10.1	10.3	10.3	10.9	10.7
Crude Materials	49.1	51.1	55.3	57.9	60.0	61.5	62.6	63.6	62.0	60.7
Primary Manuf Goods	7.5	8.6	11.2	11.6	11.7	11.1	12.7	16.1	17.7	13.6
Food & Farm Prod	16.9	20.0	16.6	17.4	15.0	15.3	14.7	15.8	16.4	18.6
Other	0.1	0.1	0.1	0.1	0.2	0.0	0.1	0.1	0.5	0.1

Figure 3-9
PRINCIPAL COMMODITY GROUPS CARRIED BY WATER, 2001
FOR THE OHIO RIVER SYSTEM
(million short tons and percentage of short tons)

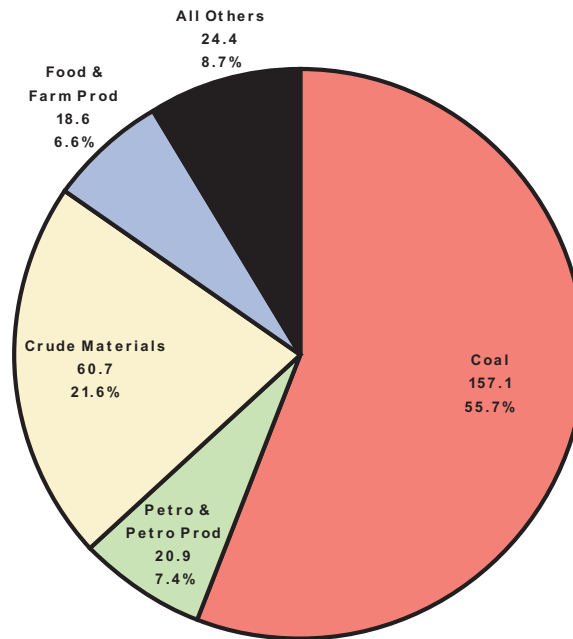


Table 3-9: PRINCIPAL COMMODITIES IN WATERBORNE COMMERCE, 2000-2001
FOR THE OHIO RIVER SYSTEM
(million short tons)

	2000	2001	%Change
Total Commerce	274.4	281.8	2.7
Coal	146.1	157.1	7.5
Petroleum & Petroleum Products	20.8	20.9	0.9
Chemicals & Related Products	10.9	10.7	-2.0
Crude Materials	62.0	60.7	-2.1
Primary Manufactured Goods	17.7	13.6	-23.1
Food & Farm Products	16.4	18.6	13.6
Other	0.5	0.1	-74.3

Figure 3-10
GREAT LAKES, 1982-2001
BY TYPE OF TRAFFIC
(million short tons)

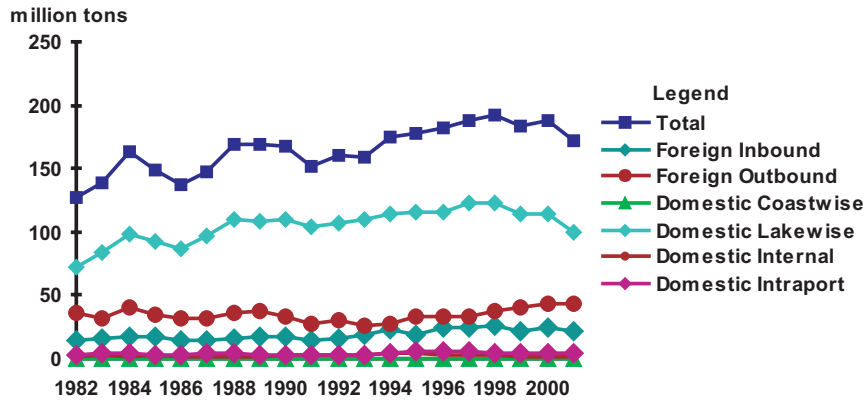


Table 3-10: GREAT LAKES, 1982-2001
BY TYPE OF TRAFFIC*
(million short tons)

	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Total	127.4	138.2	162.8	148.1	137.9	148.1	168.8	168.9	167.1	151.1
Foreign										
Inbound	14.1	16.1	17.8	17.1	13.8	13.9	15.9	17.8	17.6	14.2
Outbound	36.3	32.3	40.9	34.2	32.0	32.1	36.6	37.1	32.9	27.5
Domestic										
Coastwise	-	-	0.0	0.0	-	0.0	-	0.0	0.0	-
Lakewise	72.1	83.5	98.0	92.0	87.4	96.5	109.7	109.1	110.2	103.4
Internal	1.9	2.5	1.8	2.2	1.7	1.4	1.6	1.7	3.1	3.2
Intraport	3.0	3.8	4.2	2.7	3.0	4.3	5.0	3.3	3.4	2.7

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Total	159.9	159.6	175.3	177.8	181.8	188.6	192.2	182.9	187.5	171.4
Foreign										
Inbound	15.4	18.1	23.1	18.9	24.5	24.5	25.6	22.2	23.9	22.0
Outbound	30.4	25.8	27.8	33.5	32.8	33.7	37.9	40.8	42.9	43.6
Domestic										
Coastwise	0.0	0.0	0.0	-	-	-	-	-	0.0	-
Lakewise	107.4	109.9	114.8	116.2	115.0	122.8	122.2	113.9	114.4	100.1
Internal	3.4	3.1	4.6	3.6	3.3	2.3	2.3	1.5	2.1	1.7
Intraport	3.3	2.8	5.0	5.5	6.2	5.2	4.3	4.4	4.2	4.0

* Foreign Outbound includes Great Lakes Thru Foreign Traffic.

Figure 3-11
GREAT LAKES, 1982-2001
BY COMMODITY GROUP
(million short tons)

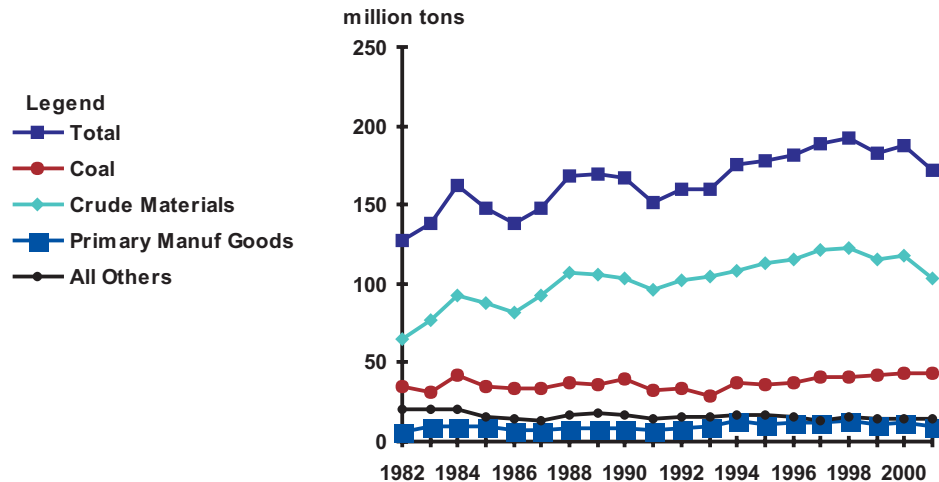


Table 3-11: GREAT LAKES, 1982-2001
BY COMMODITY GROUP
(million short tons)

	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Total	127.4	138.2	162.8	148.1	137.9	148.1	168.8	168.9	167.1	151.1
Coal	35.4	31.0	41.6	34.8	34.1	33.6	36.7	35.7	39.4	32.8
Petro & Petro Prod	5.9	5.3	5.5	5.1	5.3	4.9	6.5	6.3	6.4	5.5
Chem & Rel Prod	2.6	2.2	2.6	2.7	2.4	2.3	2.4	2.5	2.7	2.2
Crude Materials	65.3	77.5	92.2	88.2	81.3	93.1	107.5	106.2	103.1	96.5
Primary Manuf Goods	6.1	9.5	9.1	9.5	7.8	7.6	8.1	8.7	8.4	7.6
Food & Farm Prod	11.8	9.8	11.6	7.6	6.8	6.4	7.1	8.6	6.2	5.2
All Manuf Equip	0.3	2.8	0.2	0.2	0.2	0.2	0.4	0.8	1.0	1.1
Other	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Total	159.9	159.6	175.3	177.8	181.8	188.6	192.2	182.9	187.5	171.4
Coal	33.4	29.2	36.7	36.3	37.8	40.9	40.4	41.6	43.3	43.8
Petro & Petro Prod	5.8	5.2	5.9	5.5	6.2	5.6	6.5	4.9	4.6	4.6
Chem & Rel Prod	1.9	1.7	1.6	1.6	1.5	1.4	1.3	1.3	2.0	2.1
Crude Materials	102.2	104.5	108.4	113.1	115.9	121.8	122.3	115.3	117.9	103.6
Primary Manuf Goods	8.3	9.7	13.1	11.1	12.1	12.2	13.4	11.3	11.7	10.2
Food & Farm Prod	6.9	7.6	8.6	10.0	8.1	6.5	8.1	8.3	7.7	7.0
All Manuf Equip	1.3	1.4	0.8	0.2	0.2	0.2	0.2	0.2	0.1	0.1
Other	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1

Table 3-12: PRINCIPAL COMMODITIES IN WATERBORNE COMMERCE, 2000-2001
FOR THE GREAT LAKES
(million short tons)

	2000	2001	%Change
Total Commerce	187.5	171.4	-8.6
Coal	43.3	43.8	1.0
Petro & Petro Prod	4.6	4.6	-1.1
Chem & Rel Prod	2.0	2.1	4.6
Crude Materials	117.9	103.6	-12.1
Primary Manuf Goods	11.7	10.2	-12.9
Food and Farm Prod	7.7	7.0	-9.5
Other	0.2	0.2	-30.9
Foreign Commerce	66.9	65.6	-1.9
Coal	21.8	24.4	11.9
Petro & Petro Prod	1.5	1.4	-2.4
Chem & Rel Prod	1.6	1.7	9.6
Crude Materials	27.3	25.3	-7.6
Primary Manuf Goods	7.2	6.1	-15.6
Food and Farm Prod	7.3	6.6	-9.9
Other	0.2	0.1	-39.2
Domestic Commerce	120.6	105.8	-12.3
Coal	21.5	19.4	-10.0
Petro & Petro Prod	3.1	3.1	-0.6
Chem & Rel Prod	0.5	0.4	-11.0
Crude Materials	90.6	78.3	-13.5
Primary Manuf Goods	4.5	4.1	-8.5
Food and Farm Prod	0.4	0.4	-1.4
Other	0.0	0.1	77.8

Figure 3-12
 PRINCIPAL COMMODITY GROUPS CARRIED BY WATER, 2001
 FOR THE GREAT LAKES
 (million short tons and percentage of tons)

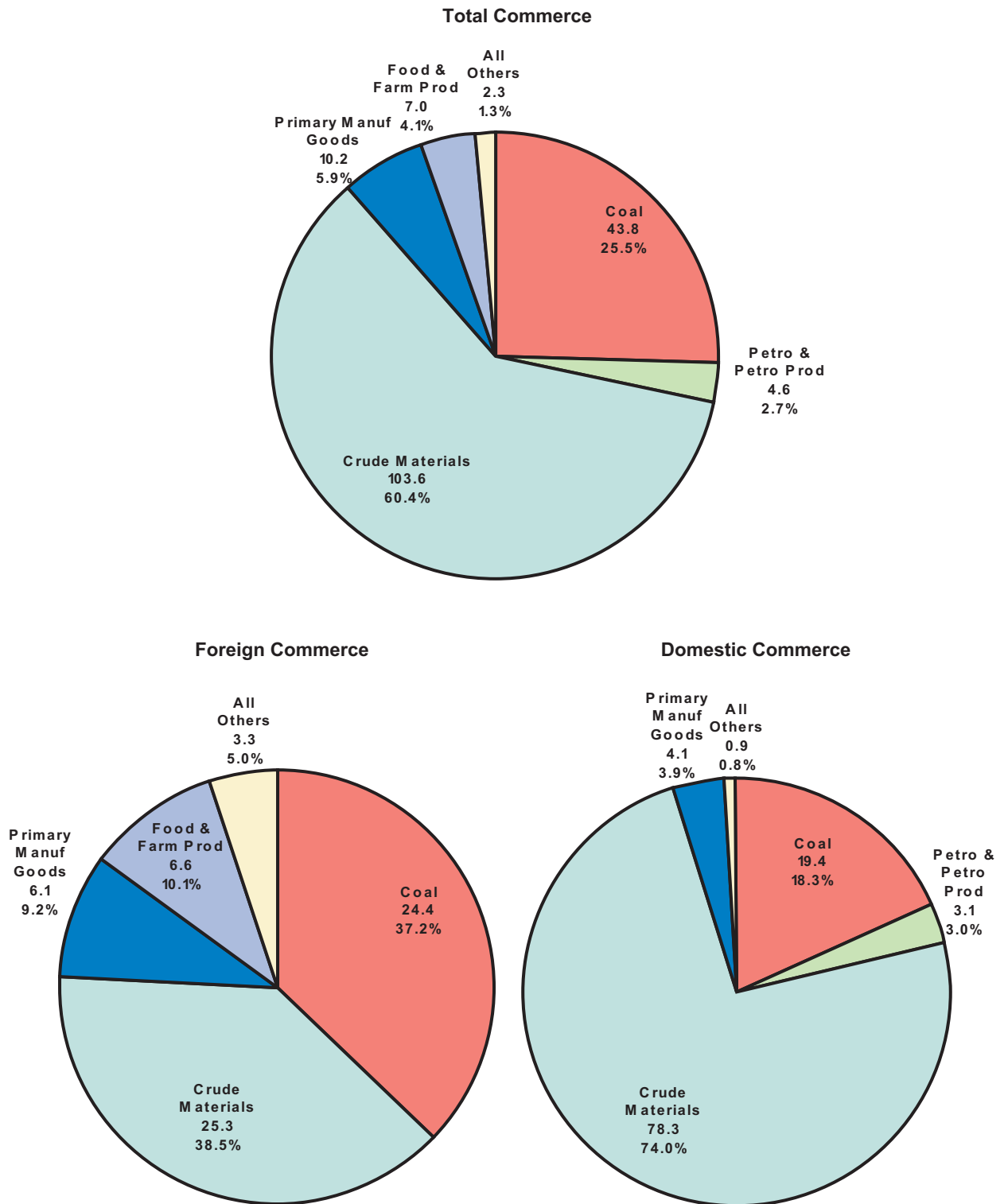


Figure 3-13
GULF INTRACOASTAL WATERWAY, 1982-2001
BY TYPE OF TRAFFIC
(million short tons)

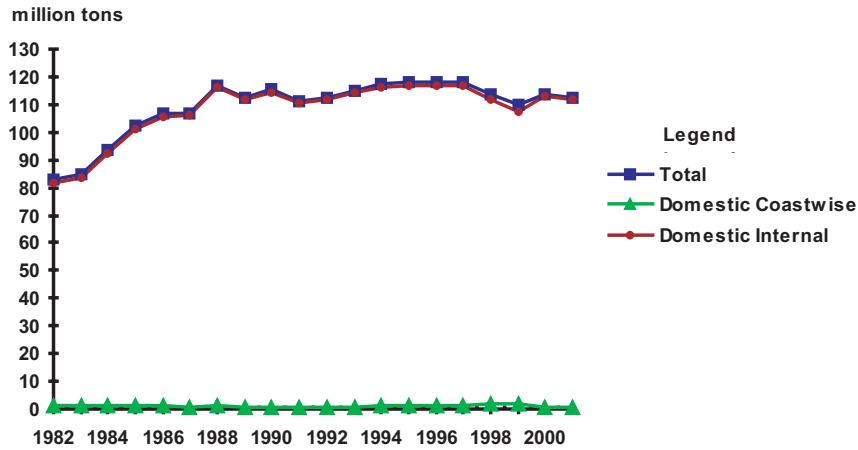


Table 3-13: GULF INTRACOASTAL WATERWAY, 1982-2001
BY TYPE OF TRAFFIC
(million short tons)

	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Total	83.0	85.1	93.4	102.5	107.0	107.0	117.7	112.7	115.4	111.0
Foreign										
Inbound	-	-	-	0.0	0.0	0.0	0.4	0.3	-	-
Outbound	-	-	0.0	0.0	0.1	0.0	0.2	0.1	-	-
Domestic										
Coastwise	1.1	1.3	1.0	1.1	1.2	0.9	1.2	0.8	0.7	0.7
Internal	81.9	83.8	92.4	101.3	105.7	106.1	115.9	111.6	114.6	110.3

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Total	112.3	114.9	117.6	118.0	118.0	118.1	113.6	109.6	113.8	112.2
Foreign										
Inbound	-	-	-	-	-	-	-	-	-	-
Outbound	-	-	-	-	-	-	-	-	-	-
Domestic										
Coastwise	0.7	0.9	1.3	1.2	1.1	1.3	1.9	1.9	0.8	0.7
Internal	111.6	114.1	116.3	116.8	116.9	116.8	111.6	107.7	113.0	111.5

Figure 3-14
GULF INTRACOASTAL WATERWAY, 1982-2001
BY COMMODITY GROUP
(million short tons)

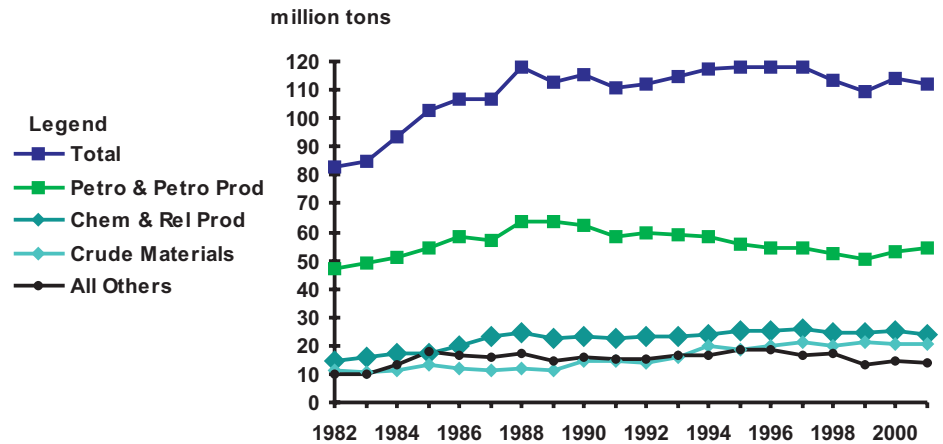


Table 3-14: GULF INTRACOASTAL WATERWAY, 1982-2001
BY COMMODITY GROUP
(million short tons)

	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Total	83.0	85.1	93.4	102.5	107.0	107.0	117.7	112.7	115.4	111.0
Coal	4.0	3.9	6.8	7.2	8.8	8.0	8.0	7.5	9.2	8.4
Petrol & Petrol Prod	46.9	49.0	51.2	54.2	58.4	57.0	63.8	63.8	62.4	58.4
Chem & Rel Prod	14.5	15.8	17.3	17.1	19.8	22.9	24.4	22.8	22.9	22.2
Crude Materials	11.5	10.6	11.6	13.1	12.1	11.5	12.2	11.4	14.4	14.8
Primary Manuf Goods	2.6	2.6	3.2	4.5	3.3	3.2	3.9	2.7	3.0	3.6
Food & Farm Prod	1.9	1.7	1.9	3.2	3.0	2.7	3.3	2.9	2.2	2.2
All Manuf Equip	0.4	0.4	0.4	1.6	0.7	0.7	1.0	0.5	0.4	0.3
Other	1.3	1.2	1.2	1.5	1.0	1.1	1.2	1.2	0.8	1.1

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Total	112.3	114.9	117.6	118.0	118.0	118.1	113.6	109.6	113.8	112.2
Coal	8.4	8.4	8.3	8.0	8.3	7.4	8.5	6.1	5.9	5.8
Petrol & Petrol Prod	60.0	58.9	58.1	55.7	54.2	54.2	52.2	50.4	53.3	54.5
Chem & Rel Prod	23.2	23.4	23.6	25.3	24.9	26.2	24.2	24.6	25.4	23.7
Crude Materials	13.9	16.0	19.6	18.3	20.1	21.4	20.1	21.3	20.4	20.4
Primary Manuf Goods	2.9	3.2	3.4	3.9	4.9	4.3	3.8	3.8	4.4	4.0
Food & Farm Prod	2.1	2.6	2.4	1.8	1.9	1.6	1.8	1.7	2.1	1.9
All Manuf Equip	0.5	0.8	0.8	4.1	3.0	2.0	1.9	1.1	1.3	1.0
Other	1.3	1.6	1.4	0.8	0.9	0.9	1.0	0.6	1.0	1.0

Figure 3-15
PRINCIPAL COMMODITY GROUPS CARRIED BY WATER, 2001
FOR THE GULF INTRACOASTAL WATERWAY
(million short tons and percentage of short tons)

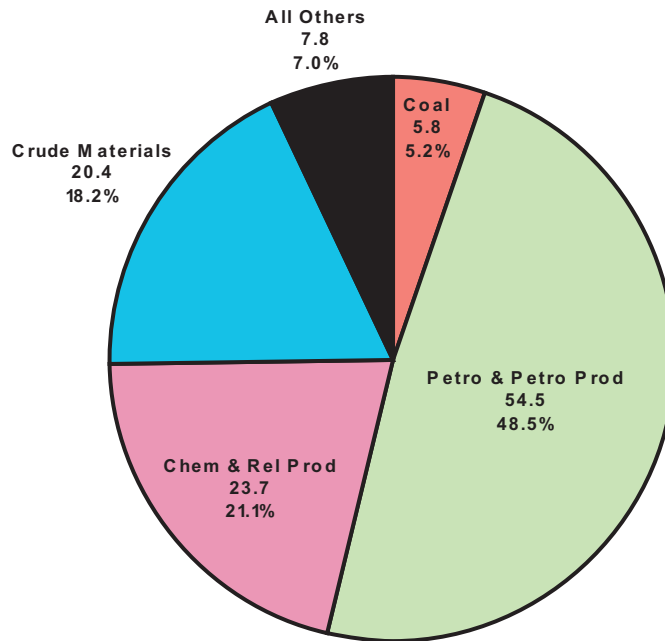


Table 3-15: PRINCIPAL COMMODITIES IN WATERBORNE COMMERCE, 2000-2001
FOR THE GULF INTRACOASTAL WATERWAY
(million short tons)

	2000	2001	% Change
Total Commerce	113.8	112.2	-1.4
Coal	5.9	5.8	-2.3
Petroleum & Petroleum Products	53.3	54.5	2.1
Chemicals & Related Products	25.4	23.7	-6.6
Crude Materials	20.4	20.4	-0.3
Primary Manufactured Goods	4.4	4.4	-9.5
Food & Farm Products	2.1	1.9	-8.7
All Manuf Equip	1.3	1.0	-21.8
Other	1.0	1.0	1.1

Figure 3-16
COLUMBIA RIVER, 1982-2001
BY TYPE OF TRAFFIC
(million short tons)

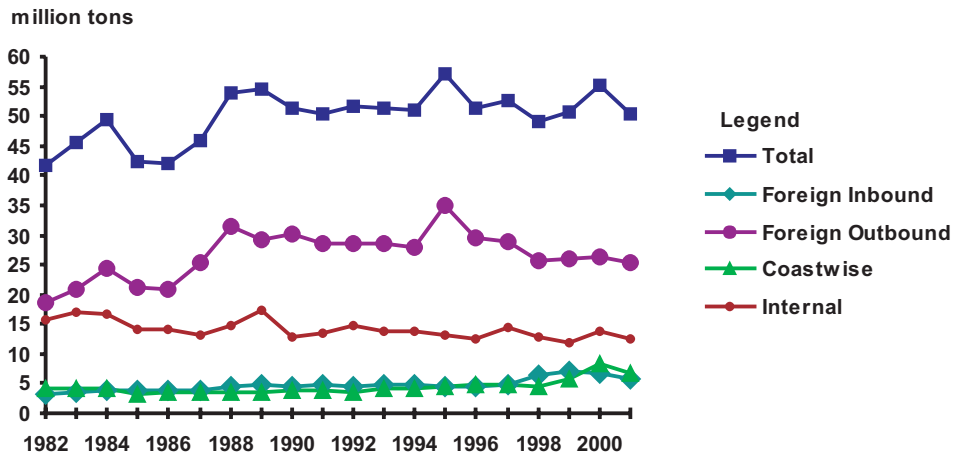


Table 3-16: COLUMBIA RIVER, 1982-2001
BY TYPE OF TRAFFIC*
(million short tons)

	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Total	41.7	45.6	49.4	42.4	42.2	45.7	53.8	54.5	51.4	50.4
Foreign										
Inbound	3.1	3.7	4.0	3.9	3.8	3.8	4.3	4.7	4.5	4.8
Outbound	18.6	20.7	24.5	21.3	20.7	25.3	31.3	29.1	30.0	28.4
Domestic										
Coastwise	4.3	4.1	4.3	3.2	3.6	3.4	3.5	3.5	3.9	3.8
Internal	15.7	17.1	16.6	14.0	14.1	13.2	14.8	17.2	13.0	13.5

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Total	51.6	51.2	50.9	57.1	51.2	52.7	49.1	50.7	55.2	50.3
Foreign										
Inbound	4.6	4.7	4.8	4.4	4.5	4.7	6.3	7.1	6.8	5.8
Outbound	28.5	28.5	27.9	35.1	29.5	28.9	25.6	26.0	26.4	25.4
Domestic										
Coastwise	3.6	4.2	4.3	4.5	4.8	4.8	4.5	5.7	8.2	6.8
Internal	14.9	13.8	13.9	13.1	12.4	14.3	12.7	12.0	13.8	12.4

*Foreign Inbound includes Upbound Thru Traffic. Foreign Outbound includes Downbound Thru Traffic.

Figure 3-17
COLUMBIA RIVER, 1982-2001
BY COMMODITY GROUP
(million short tons)

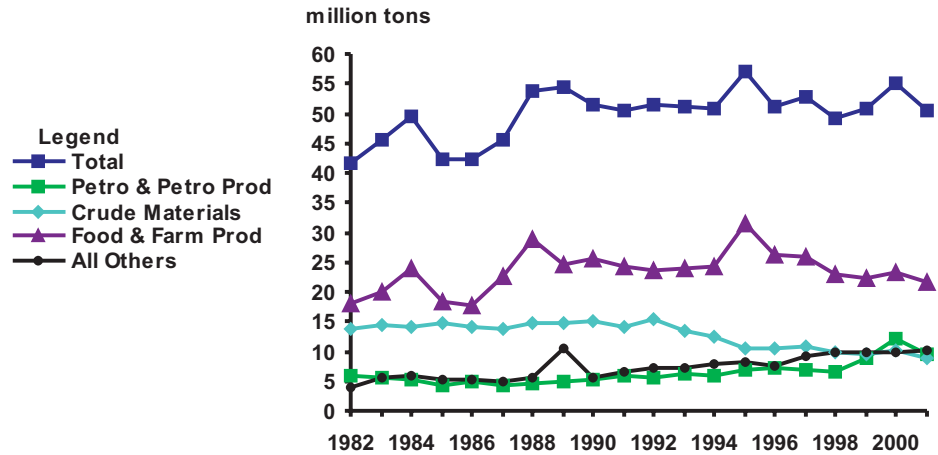


Table 3-17: COLUMBIA RIVER, 1982-2001
BY COMMODITY GROUP
(million short tons)

	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Total	41.7	45.6	49.4	42.4	42.2	45.7	53.8	54.5	51.4	50.4
Coal	0.1	0.2	0.2	0.2	0.4	0.5	0.5	0.5	0.0	0.3
Petro & Petro Prod	5.8	5.5	5.4	4.4	5.0	4.3	4.4	4.8	5.1	5.8
Chem & Rel Prod	0.9	1.4	1.7	1.9	1.9	2.1	2.0	2.3	2.7	3.1
Crude Materials	13.8	14.6	14.1	14.6	14.1	13.6	14.9	14.6	15.0	14.1
Primary Manuf Goods	1.7	2.1	2.3	2.3	2.2	1.9	2.1	2.1	2.3	2.3
Food & Farm Prod	18.2	19.9	23.9	18.2	17.8	22.8	29.0	24.4	25.7	24.2
All Manuf Equip	0.4	0.5	0.6	0.6	0.7	0.4	0.8	0.7	0.6	0.7
Other	0.8	1.5	1.1	0.2	0.0	0.1	0.0	5.0	0.0	0.0

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Total	51.6	51.2	50.9	57.1	51.2	52.7	49.1	50.7	55.2	50.3
Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Petro & Petro Prod	5.7	6.2	6.0	6.8	7.1	7.0	6.7	9.0	12.2	9.6
Chem & Rel Prod	3.7	4.0	4.1	4.4	3.9	4.9	5.5	5.5	5.8	5.8
Crude Materials	15.3	13.6	12.6	10.5	10.4	10.7	9.8	9.4	10.1	8.8
Primary Manuf Goods	2.5	2.5	2.8	2.9	2.6	2.9	2.9	3.1	2.6	3.0
Food & Farm Prod	23.6	24.0	24.4	31.6	26.2	25.9	22.8	22.4	23.2	21.7
All Manuf Equip	0.7	0.7	0.8	0.8	0.8	1.1	1.0	1.2	1.1	1.1
Other	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

Table 3-18: PRINCIPAL COMMODITIES IN WATERBORNE COMMERCE, 2000-2001
FOR THE COLUMBIA RIVER
(million short tons)

	2000	2001	%Change
Total Commerce	55.2	50.3	-8.8
Coal	0.0	0.0	66.9
Petro & Petro Prod	12.2	9.6	-21.5
Chem & Rel Prod	5.8	5.8	1.0
Crude Materials	10.1	8.8	-13.0
Primary Manuf Goods	2.6	3.0	14.4
Food & Farm Prod	23.2	21.7	-6.1
All Manuf Equip	1.1	1.1	1.0
Other	0.2	0.2	26.7
Foreign Commerce	33.2	31.2	-5.9
Coal	0.0	0.0	66.9
Petro & Petro Prod	1.8	1.7	-8.9
Chem & Rel Prod	5.3	5.4	1.1
Crude Materials	5.4	3.7	-31.9
Primary Manuf Goods	2.6	2.9	14.6
Food & Farm Prod	17.1	16.6	-3.1
All Manuf Equip	0.9	0.9	3.7
Other	0.0	0.0	59.2
Domestic Commerce	22.0	19.1	-13.1
Coal	-	-	-
Petro & Petro Prod	10.3	7.9	-23.8
Chem & Rel Prod	0.5	0.4	-0.6
Crude Materials	4.7	5.1	8.9
Primary Manuf Goods	0.1	0.1	7.8
Food & Farm Prod	6.0	5.2	-14.4
All Manuf Equip	0.2	0.2	-8.6
Other	0.2	0.2	23.6

Figure 3-18
PRINCIPAL COMMODITY GROUPS CARRIED BY WATER, 2001
FOR THE COLUMBIA RIVER
(million short tons and percentage of short tons)

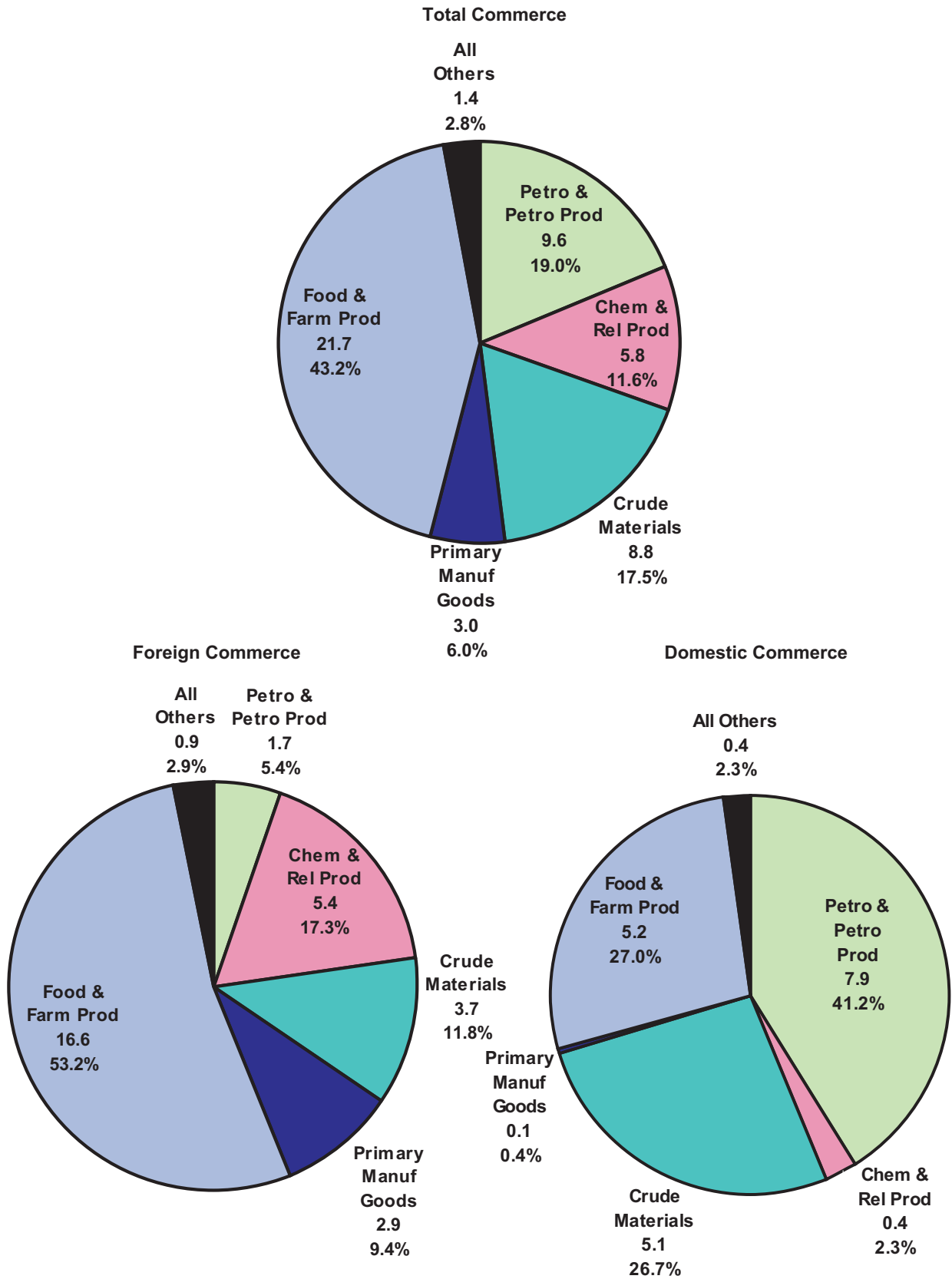


Figure 3-19
SNAKE RIVER, 1982-2001
BY COMMODITY GROUP
(thousand short tons)

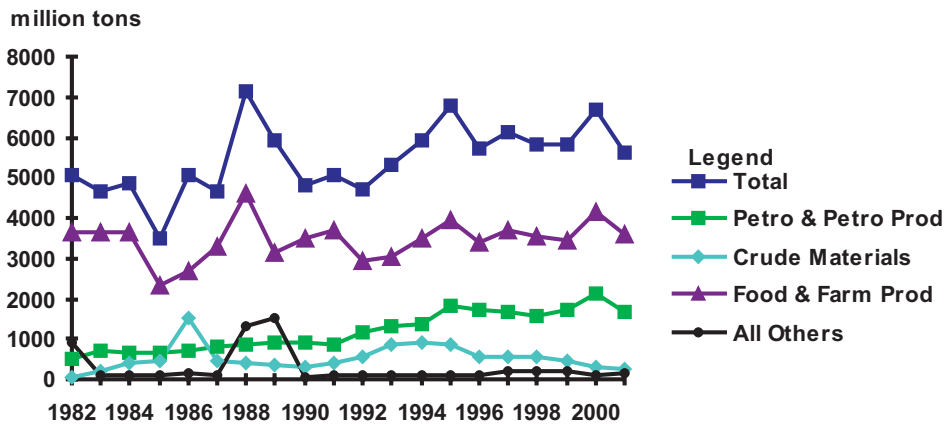


Table 3-19: SNAKE RIVER, 1982-2001
BY COMMODITY GROUP
(thousand short tons)

	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Total	5,065.3	4,679.1	4,852.0	3,518.8	5,042.6	4,644.9	7,125.1	5,930.3	4,804.0	5,053.2
Petro & Petro Prod	501.8	724.8	654.0	652.7	694.8	789.5	839.1	908.4	920.0	875.1
Chem & Rel Prod	51.0	25.7	26.3	27.2	45.2	36.2	22.9	33.1	14.8	41.3
Crude Materials	47.1	202.7	429.8	434.5	1,512.8	461.3	390.3	347.2	304.8	404.1
Primary Manuf Goods	35.5	85.2	71.7	74.4	45.9	45.6	52.2	45.3	53.8	45.0
Food & Farm Prod	3,629.9	3,625.3	3,653.5	2,316.8	2,704.4	3,301.3	4,601.1	3,148.8	3,503.2	3,682.4
All Manuf Equip	8.0	15.5	16.7	13.2	38.5	10.0	57.2	9.9	7.3	5.3
Waste & Scrap	792.0	-	-	-	0.9	1.0	1,162.2	1,437.5	-	-
Other	-	-	-	-	-	-	-	-	-	-

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Total	4,719.3	5,339.1	5,929.1	6,803.9	5,707.4	6,102.5	5,840.0	5,836.5	6,707.1	5,638.7
Petro & Petro Prod	1,140.4	1,328.9	1,391.3	1,847.6	1,708.8	1,683.2	1,556.0	1,739.0	2,120.5	1,652.3
Chem & Rel Prod	35.4	50.9	43.4	41.3	52.0	30.5	53.2	74.3	88.4	59.2
Crude Materials	533.6	858.6	925.9	878.9	548.5	540.2	556.2	444.7	312.5	241.4
Primary Manuf Goods	43.2	40.0	46.0	64.5	18.0	69.8	66.6	71.5	7.8	15.6
Food & Farm Prod	2,961.4	3,055.8	3,510.7	3,963.6	3,369.1	3,677.6	3,544.6	3,461.9	4,162.7	3,594.8
All Manuf Equip	5.3	4.9	11.8	8.0	10.8	101.3	63.5	45.1	15.2	75.3
Waste & Scrap	-	-	-	-	0.2	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-

Figure 3-20
PRINCIPAL COMMODITY GROUPS CARRIED BY WATER, 2001
FOR THE SNAKE RIVER
(thousand short tons and percentage of short tons)

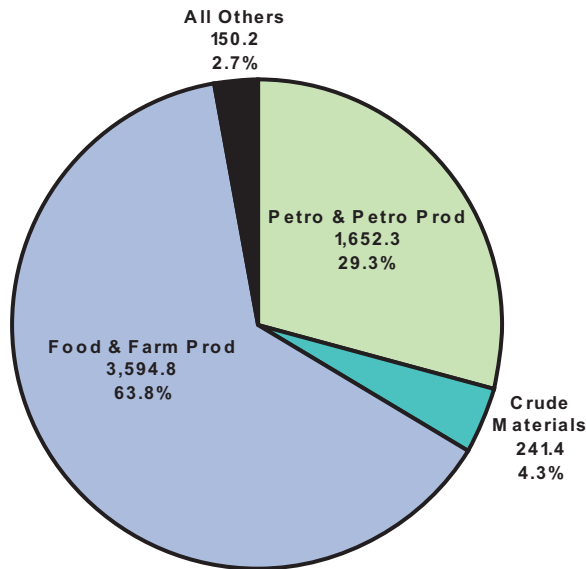


Table 3-20: PRINCIPAL COMMODITIES IN WATERBORNE COMMERCE, 2000-2001
FOR THE SNAKE RIVER
(thousand short tons)

	2000	2001	% Change
Total Commerce	6,707.1	5,638.7	-15.9
Petroleum & Petroleum Products	2,120.5	1,652.3	-22.1
Chemicals & Related Products	88.4	59.2	-33.0
Crude Materials	312.5	241.4	-22.8
Primary Manufactured Goods	7.8	15.6	98.7
Food & Farm Products	4,162.7	3,594.8	-13.6
All Manufactured Equipment	15.2	75.3	394.7
Waste & Scrap	-	-	-

Table 3-21: DOMESTIC TRAFFIC FOR SELECTED U.S. INLAND WATERWAYS IN 2001
(million short tons, billions of ton-miles* and percent change from 2000)

Waterway	Length (miles)	Tons		Ton-Miles		Trip** Ton-Miles	
		2001	%	2001	%	2001	%
Atlantic Coast							
Atlantic Intracoastal Waterway, VA-FL	793	2.5	-20.1	0.1	-20.0	0.3	-3.1
Intracoastal Wtwy, Jacksonville to Miami, FL	349	1.0	18.5	-	-59.3	-	-42.6
Gulf Coast							
Bayou Teche, LA	107	1.7	10.4	0.1	12.2	0.6	5.9
Black Warrior and Tombigbee Rivers, AL	449	18.9	-19.4	3.2	-36.0	6.6	-21.5
Chocolate Bayou, TX	13	3.4	-11.4	-	-2.1	0.9	12.1
Gulf Intracoastal Waterway, TX-FL	1,109	112.2	-1.4	18.0	-3.7	55.5	-3.0
GIWW: Morgan City-Port Allen Route, LA	64	23.3	1.0	1.5	1.8	21.7	-0.7
Petit Anse, Tigre, Carlin Bayous, LA	16	3.1	19.7	-	15.9	3.7	26.0
Tennessee-Tombigbee Waterway, AL and MS	234	6.8	-3.6	1.3	0.1	4.1	-0.6
Mississippi River System							
Allegheny River, PA	72	3.0	-21.9	-	-27.5	1.4	-0.3
Atchafalaya River, LA	121	11.6	-14.0	0.7	-18.4	7.2	-16.8
Big Sandy River, KY and WV	27	24.2	3.0	0.2	4.5	7.5	-2.3
Cumberland River, KY and TN	381	23.2	2.2	2.4	3.7	10.5	2.0
Green and Barren Rivers, KY	109	7.8	88.7	0.5	114.6	3.9	130.1
Illinois Waterway, IL	357	43.5	-1.7	8.7	-3.0	43.8	-3.0
Kanawha River, WV	91	22.2	-1.4	1.5	-1.3	10.5	8.0
McClellan-Kerr Arkansas R. Nav. Sys., AR/OK	462	11.2	4.4	2.4	6.6	6.6	1.1
Mississippi River Mpls, MN to Mouth of Passes	1,814	316.5	-3.3	180.1	-2.9	268.9	-3.8
Minneapolis, MN to Mouth of Missouri River	663	78.8	-5.4	14.4	-10.1	88.4	-5.3
Mouth of Missouri R. to Mouth of Ohio R.	195	119.1	-2.1	19.7	-1.4	123.1	-2.8
Mouth of Ohio River up to Baton Rouge, LA	720	200.7	-1.8	123.1	-2.0	210.0	-3.0
Baton Rouge up to New Orleans, LA***	130	220.0	-2.7	17.4	-3.4	214.7	-3.6
New Orleans, LA to Mouth of Passes***	106	116.7	-3.8	5.4	-5.0	102.1	-2.0
Missouri R. (MO, KS, NE & IA) to Sioux City, IA	732	9.7	11.4	0.6	-9.9	1.5	-8.6
Monongahela River, PA and WV	129	38.1	2.1	1.3	2.9	7.7	-9.5
Ohio River, PA, WV, OH, KY, IN, and IL	981	242.5	2.6	58.7	1.7	132.3	-1.6
Ouachita and Black Rivers, AR and LA	332	1.6	6.7	0.2	4.3	0.7	-4.0
Red River, LA	212	3.7	-2.1	0.3	-5.0	2.3	-5.9
Tennessee River, TN, KY, MS and AL	652	47.9	-3.3	6.5	-12.0	26.5	-6.1
Pacific Coast							
Columbia River System, OR, WA, and ID	596	20.2	-12.2	0.7	-17.3	6.9	-12.7
Columbia River and Willamette River below Vancouver, WA and Portland, OR***	113	19.8	-11.6	0.9	-15.4	6.8	-12.5
Vancouver, WA to The Dalles, OR	85	9.8	-8.2	0.8	-8.7	2.3	-12.7
The Dalles Dam to McNary Lock and Dam	100	8.9	-9.2	0.8	-14.9	2.3	-13.5
Above McNary L & D to Kennewick, WA	39	6.7	-14.6	0.2	-15.4	1.9	-15.7
Snake River (WA and ID) to Lewiston, ID	141	5.6	-15.9	0.3	-20.1	1.7	-16.3
Willamette River above Portland, OR	118	1.6	83.7	-	15.1	0.1	385.2

* A dash denotes ton-miles of less than 50 million.

** Tons times total distance from origin to destination.

*** Includes deep draft waterways.

Section 4

States

Table 4-1: WATERBORNE COMMERCE BY STATES, 2001
(thousand short tons)

State	Grand Total*	Shipping		Receiving		Intrastate
		Domestic	Foreign	Domestic	Foreign	
Total	2,386,558	734,049	399,011	734,049	945,075	308,423
Alabama	68,244	10,459	10,263	17,026	17,723	12,774
Alaska	67,238	52,361	7,802	2,561	587	3,926
Arkansas	11,639	4,385	-	4,801	-	2,453
California	186,480	5,584	41,345	29,962	100,647	8,941
Connecticut	18,267	872	37	11,653	4,397	1,308
Delaware	37,192	13,729	689	2,028	18,735	2,011
District of Columbia	663	-	-	663	-	-
Florida	121,765	8,937	17,767	57,031	34,353	3,677
Georgia	22,023	808	8,402	1,739	10,888	185
Guam	369	46	-	323	-	-
Hawaii	23,113	1,067	746	5,631	6,893	8,776
Idaho	1,335	1,004	-	9	-	322
Illinois	122,739	89,859	568	19,939	2,078	10,295
Indiana	71,013	14,142	556	49,743	2,442	4,130
Iowa	14,347	9,624	-	4,115	-	607
Kansas	2,339	196	-	1,828	-	315
Kentucky	101,101	53,356	-	33,258	-	14,487
Louisiana	496,218	105,096	105,591	127,507	117,579	40,445
Maine	30,586	98	415	2,674	27,242	157
Maryland	49,903	6,926	7,670	11,594	19,010	4,702
Massachusetts	26,446	950	655	9,506	13,398	1,937
Michigan	76,617	25,135	5,758	20,795	8,517	16,411
Minnesota	44,031	28,342	6,423	6,340	708	2,217
Mississippi	46,261	13,778	4,252	10,825	16,529	877
Missouri	34,705	17,665	-	8,523	-	8,517
Nebraska	178	102	-	76	-	-
New Hampshire	4,447	17	81	556	3,792	-
New Jersey	93,834	29,472	4,560	20,370	34,574	4,859
New York	103,253	16,566	4,205	21,026	44,851	16,605
North Carolina	10,667	154	2,167	2,627	3,889	1,830
Ohio	119,539	18,751	20,568	62,314	5,314	12,593
Oklahoma	4,133	1,958	-	2,168	-	7
Oregon	35,830	3,436	14,165	10,036	4,312	3,879
Other	64,076	5,334	-	8,093	50,637	12
Pacific Islands	26	2	-	24	-	-
Pennsylvania	125,090	18,548	715	36,323	47,078	22,427
Puerto Rico	23,306	1,280	863	7,251	11,785	2,126
Rhode Island	9,170	330	412	5,436	2,957	36
South Carolina	24,668	432	6,158	3,628	12,353	2,096
Tennessee	46,733	7,997	-	33,942	-	4,794
Texas	454,765		62,622	20,684	270,805	56,873
Trans-Shipments**	280		-	72	-	-
Vermont	-	-	-	-	-	-
Virgin Islands	42,277	18,626	937	-	22,231	483
Virginia	61,840	13,171	25,096	5,892	11,209	6,471
Washington	104,975	14,855	30,927	30,116	15,732	13,345
West Virginia	79,450	53,175	-	15,889	-	10,386
Wisconsin	37,438	21,432	6,595	7,452	1,829	131

* Excludes duplication.

** Ports and offshore anchorages where cargo is moved from one vessel to another. These are St. Lucia, Virgin Islands Heald Bank off LA-TX coast, Cherique Grande, Panama, Puerto Amuelles, Panama and Hondo Platform-Pacific Ocean.

Table 4-2: WATERBORNE COMMERCE BY STATES, 2001, RANKED BY TOTAL TONS
(thousand short tons)

State	Grand	Shipping	Shipping	Receiving	Receiving	Intrastate
State	Total*	Domestic	Foreign	Domestic	Foreign	Intrastate
Total	2,386,558	734,049	399,011	734,049	945,075	308,423
Louisiana	496,218	105,096	105,591	127,507	117,579	40,445
Texas	454,765	43,782	62,622	20,684	270,805	56,873
California	186,480	5,584	41,345	29,962	100,647	8,941
Pennsylvania	125,090	18,548	715	36,323	47,078	22,427
Illinois	122,739	89,859	568	19,939	2,078	10,295
Florida	121,765	8,937	17,767	57,031	34,353	3,677
Ohio	119,539	18,751	20,568	62,314	5,314	12,593
Washington	104,975	14,855	30,927	30,116	15,732	13,345
New York	103,253	16,566	4,205	21,026	44,851	16,605
Kentucky	101,101	53,356	-	33,258	-	14,487
New Jersey	93,834	29,472	4,560	20,370	34,574	4,859
West Virginia	79,450	53,175	-	15,889	-	10,386
Michigan	76,617	25,135	5,758	20,795	8,517	16,411
Indiana	71,013	14,142	556	49,743	2,442	4,130
Alabama	68,244	10,459	10,263	17,026	17,723	12,774
Alaska	67,238	52,361	7,802	2,561	587	3,926
Other	64,076	5,334	-	8,093	50,637	12
Virginia	61,840	13,171	25,096	5,892	11,209	6,471
Maryland	49,903	6,926	7,670	11,594	19,010	4,702
Tennessee	46,733	7,997	-	33,942	-	4,794
Mississippi	46,261	13,778	4,252	10,825	16,529	877
Minnesota	44,031	28,342	6,423	6,340	708	2,217
Virgin Islands	42,277	18,626	937	-	22,231	483
Wisconsin	37,438	21,432	6,595	7,452	1,829	131
Delaware	37,192	13,729	689	2,028	18,735	2,011
Oregon	35,830	3,436	14,165	10,036	4,312	3,879
Missouri	34,705	17,665	-	8,523	-	8,517
Maine	30,586	98	415	2,674	27,242	157
Massachusetts	26,446	950	655	9,506	13,398	1,937
South Carolina	24,668	432	6,158	3,628	12,353	2,096
Puerto Rico	23,306	1,280	863	7,251	11,785	2,126
Hawaii	23,113	1,067	746	5,631	6,893	8,776
Georgia	22,023	808	8,402	1,739	10,888	185
Connecticut	18,267	872	37	11,653	4,397	1,308
Iowa	14,347	9,624	-	4,115	-	607
Arkansas	11,639	4,385	-	4,801	-	2,453
North Carolina	10,667	154	2,167	2,627	3,889	1,830
Rhode Island	9,170	330	412	5,436	2,957	36
New Hampshire	4,447	17	81	556	3,792	-
Oklahoma	4,133	1,958	-	2,168	-	7
Kansas	2,339	196	-	1,828	-	315
Idaho	1,335	1,004	-	9	-	322
District of Columbia	663	-	-	663	-	-
Guam	369	46	-	323	-	-
Trans-Shipment**	280	208	-	72	-	-
Nebraska	178	102	-	76	-	-
Pacific Islands	26	2	-	24	-	-
Vermont	-	-	-	-	-	-

* Excludes duplication.

** Ports and offshore anchorages where cargo is moved from one vessel to another. These are St. Lucia, Virgin Islands Heald Bank off LA-TX coast, Cherique Grande, Panama, Puerto Amuelles, Panama and Hondo Platform-Pacific Ocean.

Table 4-3: U.S. COMMERCIAL LANDINGS OF FISH, BY STATES, 2000 AND 2001*
(thousand pounds)

State	2000	2001	% Change	Year	Record Landing
Total	9,068,982	9,491,858	4.7	-	-
Alabama	29,931	24,740	-17.3	1973	36,744
Alaska	4,465,987	5,036,338	12.8	1993	5,905,638
California	641,237	526,005	-18.0	1936	1,760,193
Connecticut	19,563	18,687	-4.5	1930	88,012
Delaware	6,676	7,123	6.7	1953	367,500
Florida	120,022	115,235	-4.0	1954	264,564
Georgia	9,694	9,036	-6.8	1927	47,607
Hawaii	32,531	23,870	-26.6	1999	36,907
Illinois	49	16	-67.3	-	**
Indiana	-	-	-	-	**
Louisiana	1,344,913	1,191,460	-11.4	1984	1,931,027
Maine	226,849	239,868	5.7	1950	356,266
Maryland	48,913	55,536	13.5	1890	141,607
Massachusetts	187,861	242,066	28.9	1948	649,696
Michigan	12,704	10,322	-18.8	1930	35,580
Minnesota	377	501	32.9	-	**
Mississippi	217,744	213,889	-1.8	1984	476,997
New Hampshire	17,160	18,584	8.3	-	**
New Jersey	171,804	168,430	-2.0	1956	540,060
New York	41,181	42,493	3.2	1880	335,000
North Carolina	155,214	139,277	-10.3	1981	432,006
Ohio	3,497	3,535	1.1	1936	31,083
Oregon	262,917	234,097	-11.0	1997	273,503
Pennsylvania	20	25	25.0	-	**
Rhode Island	119,295	115,957	-2.8	1957	142,080
South Carolina	15,835	14,111	-10.9	1965	26,611
Texas	87,990	97,370	10.7	1960	237,684
Virginia	443,197	561,708	26.7	1990	786,794
Washington	380,223	377,231	-0.8	1994	527,804
Wisconsin	5,549	4,348	-21.6	-	**

Source: U.S. Department of Commerce, National Marine Fisheries Service.

* Landings are reported in round (live) weight for all items except univalve and bivalve mollusks such as clams, oysters, and scallops, which are reported in weight of meats (excluding the shell). Landings for Mississippi River Drainage Area States are not available.

** Data not available.

Section 5

Ports

Table 5-1: SELECTED U.S. PORTS BY PORT NAME, 2001
(short tons)

Rank	Port_Name	Grand Total	Foreign			Domestic
			Total	Inbound	Outbound	
66	Albany, NY	7,265,045	1,702,673	1,315,116	387,557	5,562,372
98	Alpena, MI	3,268,076	146,829	42,158	104,671	3,121,247
41	Anacortes, WA	16,769,260	2,010,017	1,076,267	933,750	14,759,243
108	Anchorage, AK	2,861,134	703,638	225,281	478,357	2,157,496
50	Ashtabula, OH	10,933,552	5,813,874	797,494	5,016,380	5,119,678
19	Baltimore, MD	42,072,123	25,350,304	18,267,954	7,082,350	16,721,819
74	Barbers Point, Oahu, HI	6,078,833	2,211,813	1,989,812	222,001	3,867,020
10	Baton Rouge, LA	61,415,441	20,650,880	14,218,892	6,431,988	40,764,561
5	Beaumont, TX	79,130,510	61,983,505	56,720,246	5,263,259	17,147,005
110	Biloxi, MS	2,780,673	-	-	-	2,780,673
33	Boston, MA	20,581,180	12,430,039	11,791,174	638,865	8,151,141
82	Bridgeport, CT	4,581,475	1,213,568	1,207,881	5,687	3,367,907
87	Brownsville, TX	4,099,882	2,299,322	1,985,454	313,868	1,800,560
114	Brunswick, GA	2,498,747	2,359,099	1,240,431	1,118,668	139,648
140	Buffalo, NY	1,214,569	431,283	387,278	44,005	783,286
146	Buffington, IN	1,143,613	-	-	-	1,143,613
60	Burns Waterway Harbor, IN	8,734,585	1,865,783	1,571,657	294,126	6,868,802
63	Calcite, MI	8,317,360	1,050,455	68,558	981,897	7,266,905
75	Camden-Gloucester, NJ	5,126,426	2,618,236	2,498,433	119,803	2,508,190
27	Charleston, SC	23,250,058	17,127,306	11,115,993	6,011,313	6,122,752
130	Charlevoix, MI	1,532,620	104,500	-	104,500	1,428,120
109	Chattanooga, TN	2,814,405	-	-	-	2,814,405
88	Chester, PA	3,988,882	3,653,170	3,491,611	161,559	335,712
29	Chicago, IL	21,975,717	2,622,811	2,055,281	567,530	19,352,906
43	Cincinnati, OH	14,098,926	-	-	-	14,098,926
48	Cleveland, OH	11,937,815	2,734,228	2,430,028	304,200	9,203,587
52	Conneaut, OH	10,485,286	6,645,444	179,806	6,465,638	3,839,842
126	Coos Bay, OR	1,704,370	1,356,159	70,841	1,285,318	348,211
6	Corpus Christi, TX	77,575,699	53,921,391	44,987,020	8,934,371	23,654,308
39	Detroit, MI	16,991,159	4,726,671	4,465,273	261,398	12,264,488
142	Drummond Island, MI	1,197,852	14,500	-	14,500	1,183,352
20	Duluth-Superior, MN and WI	39,810,866	13,275,840	746,400	12,529,440	26,535,026
145	Erie, PA	1,158,849	48,685	48,685	-	1,110,164
68	Escanaba, MI	6,979,732	33,872	33,872	-	6,945,860
107	Everett, WA	2,868,301	534,264	233,265	300,999	2,334,037
106	Fairport Harbor, OH	2,941,603	692,249	56,974	635,275	2,249,354
94	Fall River, MA	3,382,488	622,085	622,085	-	2,760,403
24	Freeport, TX	30,142,822	24,894,064	22,645,478	2,248,586	5,248,758
57	Galveston, TX	9,037,955	3,944,677	1,369,523	2,575,154	5,093,278
59	Gary, IN	8,907,034	389,920	128,082	261,838	8,517,114
135	Georgetown, SC	1,362,386	1,265,310	1,123,769	141,541	97,076
123	Grand Haven, MI	1,793,510	514,872	442,282	72,590	1,278,638
136	Grays Harbor, WA	1,326,326	777,076	352,797	424,279	549,250
119	Green Bay, WI	2,241,612	498,190	480,088	18,102	1,743,422
102	Greenville, MS	3,067,568	-	-	-	3,067,568
116	Gulfport, MS	2,317,380	2,119,009	1,172,077	946,932	198,371
124	Guntersville, AL	1,765,148	-	-	-	1,765,148
125	Helena, AR	1,718,834	-	-	-	1,718,834
143	Hempstead, NY	1,196,858	-	-	-	1,196,858
127	Hilo, HI	1,680,370	-	-	-	1,680,370

Table 5-1: SELECTED U.S. PORTS BY PORT NAME, 2001 - continued
(short tons)

Rank	Port_Name	Grand Total	Total	Foreign Inbound	Outbound	Domestic
42	Honolulu, HI	16,562,200	4,789,840	4,270,069	519,771	11,772,360
2	Houston, TX	185,050,168	120,592,722	85,484,988	35,107,734	64,457,446
7	Huntington - Tristate	76,669,841	-	-	-	76,669,841
138	Huron, OH	1,260,207	140,889	104,887	36,002	1,119,318
45	Indiana Harbor, IN	13,579,192	742,637	742,637	-	12,836,555
38	Jacksonville, FL	17,809,488	8,943,174	8,046,653	896,521	8,866,314
91	Kahului, Maui, HI	3,695,424	156,627	156,627	-	3,538,797
69	Kalama, WA	6,639,669	5,409,275	325,247	5,084,028	1,230,394
86	Kansas City, MO	4,275,550	-	-	-	4,275,550
133	Kawaihae Harbor, HI	1,377,710	-	-	-	1,377,710
149	Kelleys Island, OH	1,050,295	-	-	-	1,050,295
111	Kivilina, AK	2,683,497	1,324,749	-	1,324,749	1,358,748
13	Lake Charles, LA	52,845,128	31,920,276	27,743,104	4,177,172	20,924,852
8	Long Beach, CA	67,643,920	51,561,051	37,739,957	13,821,094	16,082,869
92	Longview, WA	3,588,794	3,113,355	391,641	2,721,714	475,439
65	Lorain, OH	7,864,952	300,240	300,240	-	7,564,712
14	Los Angeles, CA	51,395,952	44,965,603	30,317,011	14,648,592	6,430,349
55	Louisville, KY	9,086,799	-	-	-	9,086,799
139	Manistee, MI	1,226,710	745,515	48,657	696,858	481,195
103	Marblehead, OH	3,035,568	375,057	-	375,057	2,660,511
37	Marcus Hook, PA	19,124,360	8,246,262	8,231,290	14,972	10,878,098
89	Marine City, MI	3,895,797	17,772	17,772	-	3,878,025
131	Marysville, MI	1,503,460	575,961	554,302	21,659	927,499
56	Matagorda Ship Channel, TX	9,086,102	6,530,988	4,776,573	1,754,415	2,555,114
40	Memphis, TN	16,907,072	-	-	-	16,907,072
62	Miami, FL	8,513,909	7,412,878	4,063,543	3,349,335	1,101,031
95	Milwaukee, WI	3,372,651	1,644,848	1,182,124	462,724	1,727,803
129	Minneapolis, MN	1,535,960	-	-	-	1,535,960
16	Mobile, AL	48,115,781	27,980,848	17,722,560	10,258,288	20,134,933
100	Morehead City, NC	3,142,834	2,068,117	830,877	1,237,240	1,074,717
104	Mount Vernon, IN	3,014,017	-	-	-	3,014,017
115	Muskegon, MI	2,324,433	405,118	405,118	-	1,919,315
76	Nashville, TN	4,844,791	-	-	-	4,844,791
132	Nawiliwili, Kauai, HI	1,478,253	-	-	-	1,478,253
61	New Castle, DE	8,559,893	3,385,470	3,384,170	1,300	5,174,423
53	New Haven, CT	9,875,887	3,122,520	3,090,771	31,749	6,753,367
4	New Orleans, LA	85,628,353	50,296,544	27,074,274	23,222,270	35,331,809
3	New York, NY and NJ	137,484,344	67,266,537	59,225,608	8,040,929	70,217,807
44	Newport News, VA	13,859,969	6,678,235	1,580,578	5,097,657	7,181,734
71	Nikishka, AK	6,370,906	3,023,915	92,243	2,931,672	3,346,991
21	Norfolk Harbor, VA	37,310,351	26,978,105	7,306,280	19,671,825	10,332,246
47	Oakland, CA	12,272,777	10,717,300	3,849,653	6,867,647	1,555,477
137	Olympia, WA	1,326,110	99,946	44,172	55,774	1,226,164
93	Palm Beach, FL	3,518,196	1,276,449	423,602	852,847	2,241,747
105	Panama City, FL	2,996,537	841,870	508,930	332,940	2,154,667
25	Pascagoula, MS	29,549,416	18,486,246	15,289,831	3,196,415	11,063,170
31	Paulsboro, NJ	21,261,036	12,918,717	12,811,269	107,448	8,342,319
96	Penn Manor, PA	3,325,884	3,230,498	3,215,334	15,164	95,386
128	Pensacola, FL	1,611,634	354,611	127,626	226,985	1,257,023
17	Philadelphia, PA	46,372,067	32,942,795	32,419,856	522,939	13,429,272

Table 5-1: SELECTED U.S. PORTS BY PORT NAME, 2001 continued
(short tons)

Rank	Port_Name	Grand Total	Total	Foreign Inbound	Outbound	Domestic
12	Pittsburgh, PA	53,008,632	-	-	-	53,008,632
11	Plaquemines, LA, Port of	60,694,475	23,354,127	14,931,054	8,423,073	37,340,348
99	Ponce, PR	3,219,637	3,117,046	2,954,711	162,335	102,591
120	Port Angeles, WA	2,154,348	411,160	255,646	155,514	1,743,188
28	Port Arthur, TX	22,802,479	15,130,299	12,531,490	2,598,809	7,672,180
84	Port Canaveral, FL	4,377,678	2,863,617	2,661,365	202,252	1,514,061
97	Port Dolomite, MI	3,295,076	404,345	29,005	375,340	2,890,731
30	Port Everglades, FL	21,915,409	9,617,983	7,430,214	2,187,769	12,297,426
147	Port Hueneme, CA	1,133,620	1,069,751	960,248	109,503	63,869
72	Port Inland, MI	6,260,355	1,106,225	30,882	1,075,343	5,154,130
113	Port Jefferson, NY	2,577,905	-	-	-	2,577,905
90	Port Manatee, FL	3,801,621	2,391,704	1,692,044	699,660	1,409,917
26	Portland, ME	28,491,727	26,449,177	26,248,688	200,489	2,042,550
23	Portland, OR	31,339,470	17,011,796	4,149,181	12,862,615	14,327,674
83	Portsmouth, NH	4,446,506	3,872,949	3,792,021	80,928	573,557
54	Presque Isle, MI	9,474,585	1,840,996	61,880	1,779,116	7,633,589
58	Providence, RI	9,029,829	3,297,599	2,908,001	389,598	5,732,230
32	Richmond, CA	21,220,231	9,992,791	8,870,929	1,121,862	11,227,440
122	Richmond, VA	1,907,271	611,410	340,384	271,026	1,295,861
141	Sabine Pass, TX	1,202,506	-	-	-	1,202,506
148	Salem, MA	1,058,435	822,245	822,245	-	236,190
101	San Diego, CA	3,120,555	2,653,244	1,991,911	661,333	467,311
117	San Francisco, CA	2,297,720	2,198,176	1,394,353	803,823	99,544
46	San Juan, PR	12,805,025	5,212,715	4,757,423	455,292	7,592,310
81	Sandusky, OH	4,649,238	3,175,994	66,466	3,109,528	1,473,244
36	Savannah, GA	19,392,227	16,931,145	9,647,931	7,283,214	2,461,082
144	Searsport, ME	1,195,694	907,351	907,351	-	288,343
34	Seattle, WA	20,546,494	14,920,691	7,695,732	7,224,959	5,625,803
85	Silver Bay, MN	4,303,847	-	-	-	4,303,847
1	South Louisiana, LA, Port of	212,564,930	95,680,754	32,540,431	63,140,323	116,884,176
77	St. Clair, MI	4,818,428	-	-	-	4,818,428
22	St. Louis, MO and IL	34,432,125	-	-	-	34,432,125
80	St. Paul, MN	4,668,033	-	-	-	4,668,033
112	Stockton, CA	2,605,130	2,539,303	2,113,283	426,020	65,827
64	Stoneport, MI	8,117,640	191,787	75,880	115,907	7,925,853
35	Tacoma, WA	20,523,372	12,376,110	3,992,637	8,383,473	8,147,262
118	Taconite, MN	2,243,162	-	-	-	2,243,162
18	Tampa, FL	45,793,544	17,444,987	8,956,319	8,488,668	28,348,557
9	Texas City, TX	62,270,351	44,129,526	40,303,834	3,825,692	18,140,825
51	Toledo, OH	10,534,903	6,003,811	1,377,682	4,626,129	4,531,092
134	Trenton, NJ	1,373,391	-	-	-	1,373,391
121	Tulsa, Port of Catoosa, OK	1,931,801	-	-	-	1,931,801
49	Two Harbors, MN	11,874,606	-	-	-	11,874,606
15	Valdez, AK	50,977,318	2,650	3	2,647	50,974,668
67	Vancouver, WA	7,038,886	4,784,776	747,182	4,037,594	2,254,110
78	Vicksburg, MS	4,739,761	-	-	-	4,739,761
79	Victoria, TX	4,733,395	-	-	-	4,733,395
150	Weedon Island, FL	1,038,674	-	-	-	1,038,674
70	Wilmington, DE	6,419,677	5,133,747	4,446,513	687,234	1,285,930
73	Wilmington, NC	6,205,995	3,233,937	2,335,264	898,673	2,972,058

Table 5-2: SELECTED U.S. PORTS BY PORT NAME, 2001, RANKED BY TOTAL TONS
(short tons)

Rank	Port_Name	Grand Total	Total	Foreign Inbound	Outbound	Domestic
1	South Louisiana, LA, Port of	212,564,930	95,680,754	32,540,431	63,140,323	116,884,176
2	Houston, TX	185,050,168	120,592,722	85,484,988	35,107,734	64,457,446
3	New York, NY and NJ	137,484,344	67,266,537	59,225,608	8,040,929	70,217,807
4	New Orleans, LA	85,628,353	50,296,544	27,074,274	23,222,270	35,331,809
5	Beaumont, TX	79,130,510	61,983,505	56,720,246	5,263,259	17,147,005
6	Corpus Christi, TX	77,575,699	53,921,391	44,987,020	8,934,371	23,654,308
7	Huntington - Tristate	76,669,841	-	-	-	76,669,841
8	Long Beach, CA	67,643,920	51,561,051	37,739,957	13,821,094	16,082,869
9	Texas City, TX	62,270,351	44,129,526	40,303,834	3,825,692	18,140,825
10	Baton Rouge, LA	61,415,441	20,650,880	14,218,892	6,431,988	40,764,561
11	Plaquemines, LA, Port of	60,694,475	23,354,127	14,931,054	8,423,073	37,340,348
12	Pittsburgh, PA	53,008,632	-	-	-	53,008,632
13	Lake Charles, LA	52,845,128	31,920,276	27,743,104	4,177,172	20,924,852
14	Los Angeles, CA	51,395,952	44,965,603	30,317,011	14,648,592	6,430,349
15	Valdez, AK	50,977,318	2,650	3	2,647	50,974,668
16	Mobile, AL	48,115,781	27,980,848	17,722,560	10,258,288	20,134,933
17	Philadelphia, PA	46,372,067	32,942,795	32,419,856	522,939	13,429,272
18	Tampa, FL	45,793,544	17,444,987	8,956,319	8,488,668	28,348,557
19	Baltimore, MD	42,072,123	25,350,304	18,267,954	7,082,350	16,721,819
20	Duluth-Superior, MN and WI	39,810,866	13,275,840	746,400	12,529,440	26,535,026
21	Norfolk Harbor, VA	37,310,351	26,978,105	7,306,280	19,671,825	10,332,246
22	St. Louis, MO and IL	34,432,125	-	-	-	34,432,125
23	Portland, OR	31,339,470	17,011,796	4,149,181	12,862,615	14,327,674
24	Freeport, TX	30,142,822	24,894,064	22,645,478	2,248,586	5,248,758
25	Pascagoula, MS	29,549,416	18,486,246	15,289,831	3,196,415	11,063,170
26	Portland, ME	28,491,727	26,449,177	26,248,688	200,489	2,042,550
27	Charleston, SC	23,250,058	17,127,306	11,115,993	6,011,313	6,122,752
28	Port Arthur, TX	22,802,479	15,130,299	12,531,490	2,598,809	7,672,180
29	Chicago, IL	21,975,717	2,622,811	2,055,281	567,530	19,352,906
30	Port Everglades, FL	21,915,409	9,617,983	7,430,214	2,187,769	12,297,426
31	Paulsboro, NJ	21,261,036	12,918,717	12,811,269	107,448	8,342,319
32	Richmond, CA	21,220,231	9,992,791	8,870,929	1,121,862	11,227,440
33	Boston, MA	20,581,180	12,430,039	11,791,174	638,865	8,151,141
34	Seattle, WA	20,546,494	14,920,691	7,695,732	7,224,959	5,625,803
35	Tacoma, WA	20,523,372	12,376,110	3,992,637	8,383,473	8,147,262
36	Savannah, GA	19,392,227	16,931,145	9,647,931	7,283,214	2,461,082
37	Marcus Hook, PA	19,124,360	8,246,262	8,231,290	14,972	10,878,098
38	Jacksonville, FL	17,809,488	8,943,174	8,046,653	896,521	8,866,314
39	Detroit, MI	16,991,159	4,726,671	4,465,273	261,398	12,264,488
40	Memphis, TN	16,907,072	-	-	-	16,907,072
41	Anacortes, WA	16,769,260	2,010,017	1,076,267	933,750	14,759,243
42	Honolulu, HI	16,562,200	4,789,840	4,270,069	519,771	11,772,360
43	Cincinnati, OH	14,098,926	-	-	-	14,098,926
44	Newport News, VA	13,859,969	6,678,235	1,580,578	5,097,657	7,181,734
45	Indiana Harbor, IN	13,579,192	742,637	742,637	-	12,836,555
46	San Juan, PR	12,805,025	5,212,715	4,757,423	455,292	7,592,310
47	Oakland, CA	12,272,777	10,717,300	3,849,653	6,867,647	1,555,477
48	Cleveland, OH	11,937,815	2,734,228	2,430,028	304,200	9,203,587
49	Two Harbors, MN	11,874,606	-	-	-	11,874,606
50	Ashtabula, OH	10,933,552	5,813,874	797,494	5,016,380	5,119,678

Table 5-2: SELECTED U.S. PORTS BY PORT NAME, 2001, RANKED BY TOTAL TONS - continued
(short tons)

Rank	Port_Name	Grand Total	Total	Foreign Inbound	Outbound	Domestic
51	Toledo, OH	10,534,903	6,003,811	1,377,682	4,626,129	4,531,092
52	Conneaut, OH	10,485,286	6,645,444	179,806	6,465,638	3,839,842
53	New Haven, CT	9,875,887	3,122,520	3,090,771	31,749	6,753,367
54	Presque Isle, MI	9,474,585	1,840,996	61,880	1,779,116	7,633,589
55	Louisville, KY	9,086,799	-	-	-	9,086,799
56	Matagorda Ship Channel, TX	9,086,102	6,530,988	4,776,573	1,754,415	2,555,114
57	Galveston, TX	9,037,955	3,944,677	1,369,523	2,575,154	5,093,278
58	Providence, RI	9,029,829	3,297,599	2,908,001	389,598	5,732,230
59	Gary, IN	8,907,034	389,920	128,082	261,838	8,517,114
60	Burns Waterway Harbor, IN	8,734,585	1,865,783	1,571,657	294,126	6,868,802
61	New Castle, DE	8,559,893	3,385,470	3,384,170	1,300	5,174,423
62	Miami, FL	8,513,909	7,412,878	4,063,543	3,349,335	1,101,031
63	Calcite, MI	8,317,360	1,050,455	68,558	981,897	7,266,905
64	Stoneport, MI	8,117,640	191,787	75,880	115,907	7,925,853
65	Lorain, OH	7,864,952	300,240	300,240	-	7,564,712
66	Albany, NY	7,265,045	1,702,673	1,315,116	387,557	5,562,372
67	Vancouver, WA	7,038,886	4,784,776	747,182	4,037,594	2,254,110
68	Escanaba, MI	6,979,732	33,872	33,872	-	6,945,860
69	Kalama, WA	6,639,669	5,409,275	325,247	5,084,028	1,230,394
70	Wilmington, DE	6,419,677	5,133,747	4,446,513	687,234	1,285,930
71	Nikishka, AK	6,370,906	3,023,915	92,243	2,931,672	3,346,991
72	Port Inland, MI	6,260,355	1,106,225	30,882	1,075,343	5,154,130
73	Wilmington, NC	6,205,995	3,233,937	2,335,264	898,673	2,972,058
74	Barbers Point, Oahu, HI	6,078,833	2,211,813	1,989,812	222,001	3,867,020
75	Camden-Gloucester, NJ	5,126,426	2,618,236	2,498,433	119,803	2,508,190
76	Nashville, TN	4,844,791	-	-	-	4,844,791
77	St. Clair, MI	4,818,428	-	-	-	4,818,428
78	Vicksburg, MS	4,739,761	-	-	-	4,739,761
79	Victoria, TX	4,733,395	-	-	-	4,733,395
80	St. Paul, MN	4,668,033	-	-	-	4,668,033
81	Sandusky, OH	4,649,238	3,175,994	66,466	3,109,528	1,473,244
82	Bridgeport, CT	4,581,475	1,213,568	1,207,881	5,687	3,367,907
83	Portsmouth, NH	4,446,506	3,872,949	3,792,021	80,928	573,557
84	Port Canaveral, FL	4,377,678	2,863,617	2,661,365	202,252	1,514,061
85	Silver Bay, MN	4,303,847	-	-	-	4,303,847
86	Kansas City, MO	4,275,550	-	-	-	4,275,550
87	Brownsville, TX	4,099,882	2,299,322	1,985,454	313,868	1,800,560
88	Chester, PA	3,988,882	3,653,170	3,491,611	161,559	335,712
89	Marine City, MI	3,895,797	17,772	17,772	-	3,878,025
90	Port Manatee, FL	3,801,621	2,391,704	1,692,044	699,660	1,409,917
91	Kahului, Maui, HI	3,695,424	156,627	156,627	-	3,538,797
92	Longview, WA	3,588,794	3,113,355	391,641	2,721,714	475,439
93	Palm Beach, FL	3,518,196	1,276,449	423,602	852,847	2,241,747
94	Fall River, MA	3,382,488	622,085	622,085	-	2,760,403
95	Milwaukee, WI	3,372,651	1,644,848	1,182,124	462,724	1,727,803
96	Penn Manor, PA	3,325,884	3,230,498	3,215,334	15,164	95,386
97	Port Dolomite, MI	3,295,076	404,345	29,005	375,340	2,890,731
98	Alpena, MI	3,268,076	146,829	42,158	104,671	3,121,247
99	Ponce, PR	3,219,637	3,117,046	2,954,711	162,335	102,591
100	Morehead City, NC	3,142,834	2,068,117	830,877	1,237,240	1,074,717

Table 5-2: SELECTED U.S. PORTS BY PORT NAME, 2001, RANKED BY TOTAL TONS - continued
(short tons)

Rank	Port_Name	Grand Total	Total	Foreign Inbound	Outbound	Domestic
101	San Diego, CA	3,120,555	2,653,244	1,991,911	661,333	467,311
102	Greenville, MS	3,067,568	-	-	-	3,067,568
103	Marblehead, OH	3,035,568	375,057	-	375,057	2,660,511
104	Mount Vernon, IN	3,014,017	-	-	-	3,014,017
105	Panama City, FL	2,996,537	841,870	508,930	332,940	2,154,667
106	Fairport Harbor, OH	2,941,603	692,249	56,974	635,275	2,249,354
107	Everett, WA	2,868,301	534,264	233,265	300,999	2,334,037
108	Anchorage, AK	2,861,134	703,638	225,281	478,357	2,157,496
109	Chattanooga, TN	2,814,405	-	-	-	2,814,405
110	Biloxi, MS	2,780,673	-	-	-	2,780,673
111	Kivilina, AK	2,683,497	1,324,749	-	1,324,749	1,358,748
112	Stockton, CA	2,605,130	2,539,303	2,113,283	426,020	65,827
113	Port Jefferson, NY	2,577,905	-	-	-	2,577,905
114	Brunswick, GA	2,498,747	2,359,099	1,240,431	1,118,668	139,648
115	Muskegon, MI	2,324,433	405,118	405,118	-	1,919,315
116	Gulfport, MS	2,317,380	2,119,009	1,172,077	946,932	198,371
117	San Francisco, CA	2,297,720	2,198,176	1,394,353	803,823	99,544
118	Taconite, MN	2,243,162	-	-	-	2,243,162
119	Green Bay, WI	2,241,612	498,190	480,088	18,102	1,743,422
120	Port Angeles, WA	2,154,348	411,160	255,646	155,514	1,743,188
121	Tulsa, Port of Catoosa, OK	1,931,801	-	-	-	1,931,801
122	Richmond, VA	1,907,271	611,410	340,384	271,026	1,295,861
123	Grand Haven, MI	1,793,510	514,872	442,282	72,590	1,278,638
124	Guntersville, AL	1,765,148	-	-	-	1,765,148
125	Helena, AR	1,718,834	-	-	-	1,718,834
126	Coos Bay, OR	1,704,370	1,356,159	70,841	1,285,318	348,211
127	Hilo, HI	1,680,370	-	-	-	1,680,370
128	Pensacola, FL	1,611,634	354,611	127,626	226,985	1,257,023
129	Minneapolis, MN	1,535,960	-	-	-	1,535,960
130	Charlevoix, MI	1,532,620	104,500	-	104,500	1,428,120
131	Marysville, MI	1,503,460	575,961	554,302	21,659	927,499
132	Nawiliwili, Kauai, HI	1,478,253	-	-	-	1,478,253
133	Kawaihae Harbor, HI	1,377,710	-	-	-	1,377,710
134	Trenton, NJ	1,373,391	-	-	-	1,373,391
135	Georgetown, SC	1,362,386	1,265,310	1,123,769	141,541	97,076
136	Grays Harbor, WA	1,326,326	777,076	352,797	424,279	549,250
137	Olympia, WA	1,326,110	99,946	44,172	55,774	1,226,164
138	Huron, OH	1,260,207	140,889	104,887	36,002	1,119,318
139	Manistee, MI	1,226,710	745,515	48,657	696,858	481,195
140	Buffalo, NY	1,214,569	431,283	387,278	44,005	783,286
141	Sabine Pass, TX	1,202,506	-	-	-	1,202,506
142	Drummond Island, MI	1,197,852	14,500	-	14,500	1,183,352
143	Hempstead, NY	1,196,858	-	-	-	1,196,858
144	Searsport, ME	1,195,694	907,351	907,351	-	288,343
145	Erie, PA	1,158,849	48,685	48,685	-	1,110,164
146	Buffington, IN	1,143,613	-	-	-	1,143,613
147	Port Hueneme, CA	1,133,620	1,069,751	960,248	109,503	63,869
148	Salem, MA	1,058,435	822,245	822,245	-	236,190
149	Kelleys Island, OH	1,050,295	-	-	-	1,050,295
150	Weedon Island, FL	1,038,674	-	-	-	1,038,674

Appendix

ORDERING GUIDE FOR THE NAVIGATION DATA CENTER REPORTS

Waterborne Commerce, Vessel and Locks Statistics

<u>Title</u>	<u>Sales Price</u>
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Part 1 WCUS, Waterways and Harbors on the Atlantic Coast.	\$ 13.00
1st Class Postage	6.00
Manuscript Data on diskette	5.00
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System and Antilles.	15.00
1st Class Postage	6.00
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1st Class Postage	3.00
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 Tonnage for Selected United States Ports
 State Tonnage Report (Total waterborne commerce by state)
 Waterborne Commerce National Totals and Selected Inland Waterways for Multiple Years
 Summary of United States Flag Vessels
 Summary of Lock Statistics (Contact: Navigation Data Center, (703) 428-8458)

Material may be ordered from Waterborne Commerce Statistics Center, U.S. Army Corps of Engineers,
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 Call (504) 862-1424, or FAX (504) 862-1423.

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(03/22/2002)

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<u>NO.</u>		<u>Date of Publication</u>	<u>Sales Price</u>
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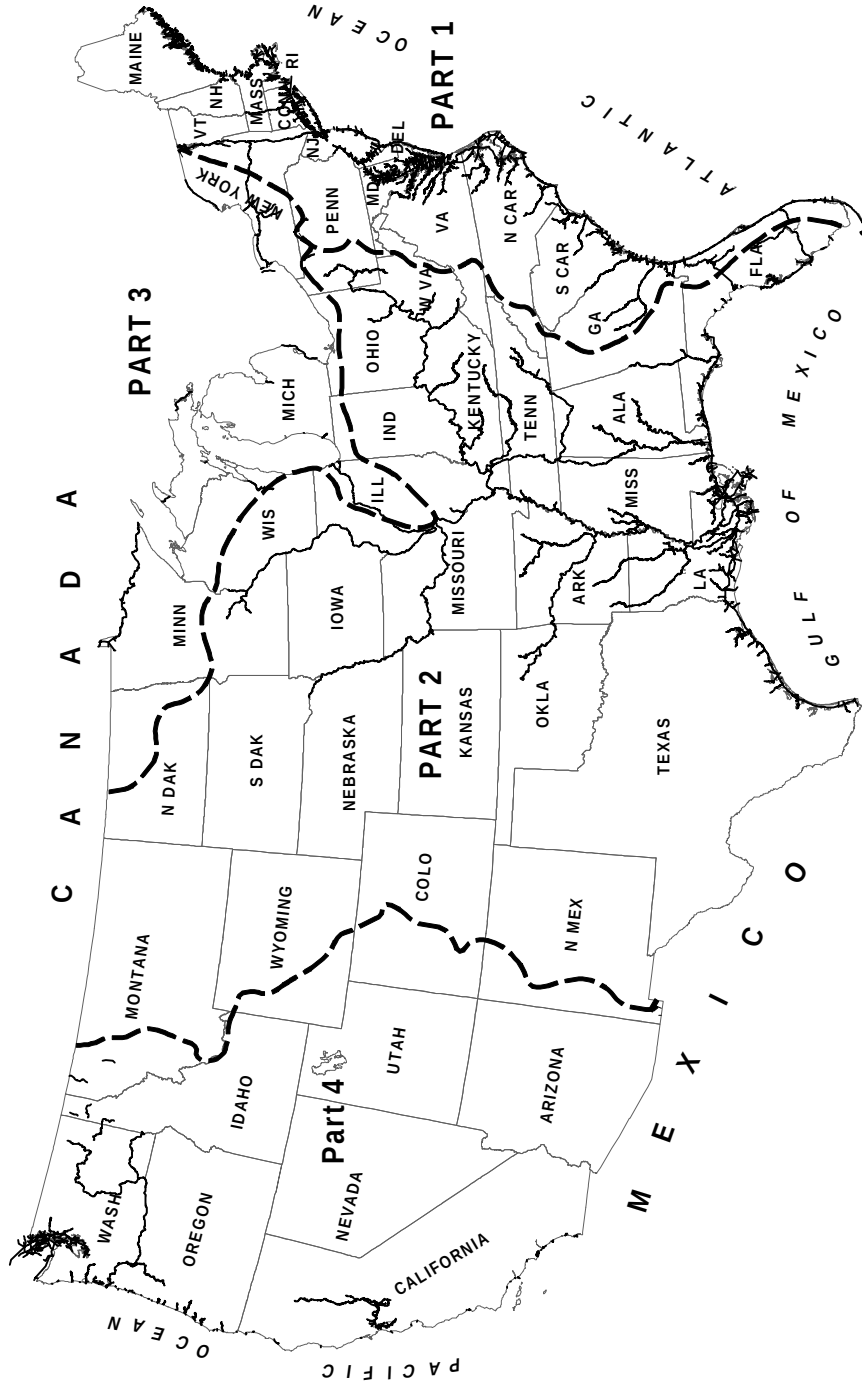
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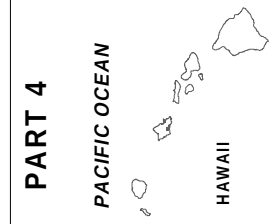
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WATERBORNE COMMERCE OF THE UNITED STATES

- Part 1 - Atlantic Coast
Part 2 - Gulf Coast, Mississippi River System and Antilles
Part 3 - Great Lakes
Part 4 - Pacific Coast, Alaska and Hawaii
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(National Summary)

PART 5



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