WATERBORNE COMMERCE OF THE UNITED STATES

Calendar Year 2009

Part 5–
National Summaries

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

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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.

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

Data on foreign commerce are supplied to the U.S. Army Corps of Engineers by the U.S. Bureau of the Census, U.S. Customs and Border Protection, and purchased from UBM Global Trade, Inc., Port Import Export Reporting Service.

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

WCUS, Part 1 Atlantic Coast
WCUS, Part 2 Gulf Coast, Mississippi River System and Antilles
WCUS, Part 3 Great Lakes
WCUS, Part 4 Pacific Coast, Alaska and Hawaii
WCUS, Part 5 National Summaries

Legal Authority

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

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

Beginning in 1996, fish are excluded from internal and intraport domestic traffic. The fish landing data in Tables 4-3 and 5-3 are 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 UBM Global Trade, Inc., Port Import Export Reporting Service, and supplemented by data furnished to the U.S. Army Corps of Engineers by the U.S. Bureau of the Census and the U.S. Customs and Border Protection. Foreign cargo is matched to the vessel moves to improve geographic specificity.

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

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

Commodity Descriptions

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

Tonnage

The tonnage figures provided throughout the **WCUS, Parts 1-5** represent short tons (2000 pounds). In **WCUS, Part 5** only, where noted, tonnage figures are rounded to the nearest million or thousand. If tonnage figures are rounded to the nearest million, then a zero represents less than 500,000 tons but more than zero. If tonnage figures are rounded to the nearest thousand, then a zero represents less than 500 tons but more than zero. A dash

means no tonnage. Columns and rows may not add up exactly to totals and subtotals due to rounding.

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

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

In WCUS, Part 5 only, where noted, tonnage figures are rounded to the nearest million or thousand. If tonnage figures are rounded to the nearest million, then a zero reprsents less than 500,000 tons, but more than zero. If tonnage figures are rounded to the nearest thousand, then a zero reprsents less than 500 tons, but more than zero.A dash means no tonnage.Columns and rows may not add up exactly to totals and subtotals due to rounding.

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 (loading) to destination (unloading). For example, a barge carrying 1,200 tons of wheat might only travel 30 miles on the Illinois River but its total trip to New Orleans might be 1,000 miles. This trip would contribute 1,200,000 trip ton-miles to the Illinois River. Small rivers often contribute to the traffic on larger rivers. Published trip ton-miles do not include coastal and Great Lakes vessel movements.

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

Commodity Classification List

Major Grouping
Minor Grouping
Pub Group Pub Name

00 Units
- 0200 Vehicles
- 0300 Passengers

10 Coal
- 1100 Coal & Lignite
- 1200 Coal Coke

20 Petroleum & Petroleum Products
- 21 Crude Petroleum
  - 2100 Crude Petroleum
- 22-29 Petroleum Products
  - 2211 Gasoline
  - 2221 Kerosene
  - 2330 Distillate Fuel Oil
  - 2340 Residual Fuel Oil
  - 2350 Lube Oil & Greases
  - 2410 Petro. Jelly & Waxes
  - 2429 Naphtha & Solvents
  - 2430 Asphalt, Tar & Pitch
  - 2540 Petroleum Coke
  - 2640 Liquid Natural Gas
  - 2990 Petro. Products NEC

30 Chemicals and Related Products
- 31 Fertilizers
  - 3110 Nitrogenous Fert.
  - 3120 Phosphatic Fert.
  - 3130 Potassic Fert.
  - 3190 Fert. & Mixes NEC
- 32 Other Chemicals and Related Products
  - 3211 Acyclic Hydrocarbons
  - 3212 Benzene & Toluene
  - 3219 Other Hydrocarbons
  - 3220 Alcohols
  - 3230 Carboxylic Acids
  - 3240 Nitrogen Func. Comp.
  - 3250 Organo-Inorganic Comp.
  - 3260 Organic Comp. NEC
  - 3271 Sulphur (Liquid)
  - 3272 Sulphuric Acid
  - 3273 Ammonia
  - 3274 Sodium Hydroxide
  - 3275 Inorg. Elem.,Oxides, & Halogen Salts
  - 3276 Metallic Salts
  - 3279 Inorganic Chem. NEC
  - 3281 Radioactive Material
  - 3282 Pigments & Paints
  - 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 Grouping
Minor Grouping
Pub 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 Grouping
Minor Grouping
Pub 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

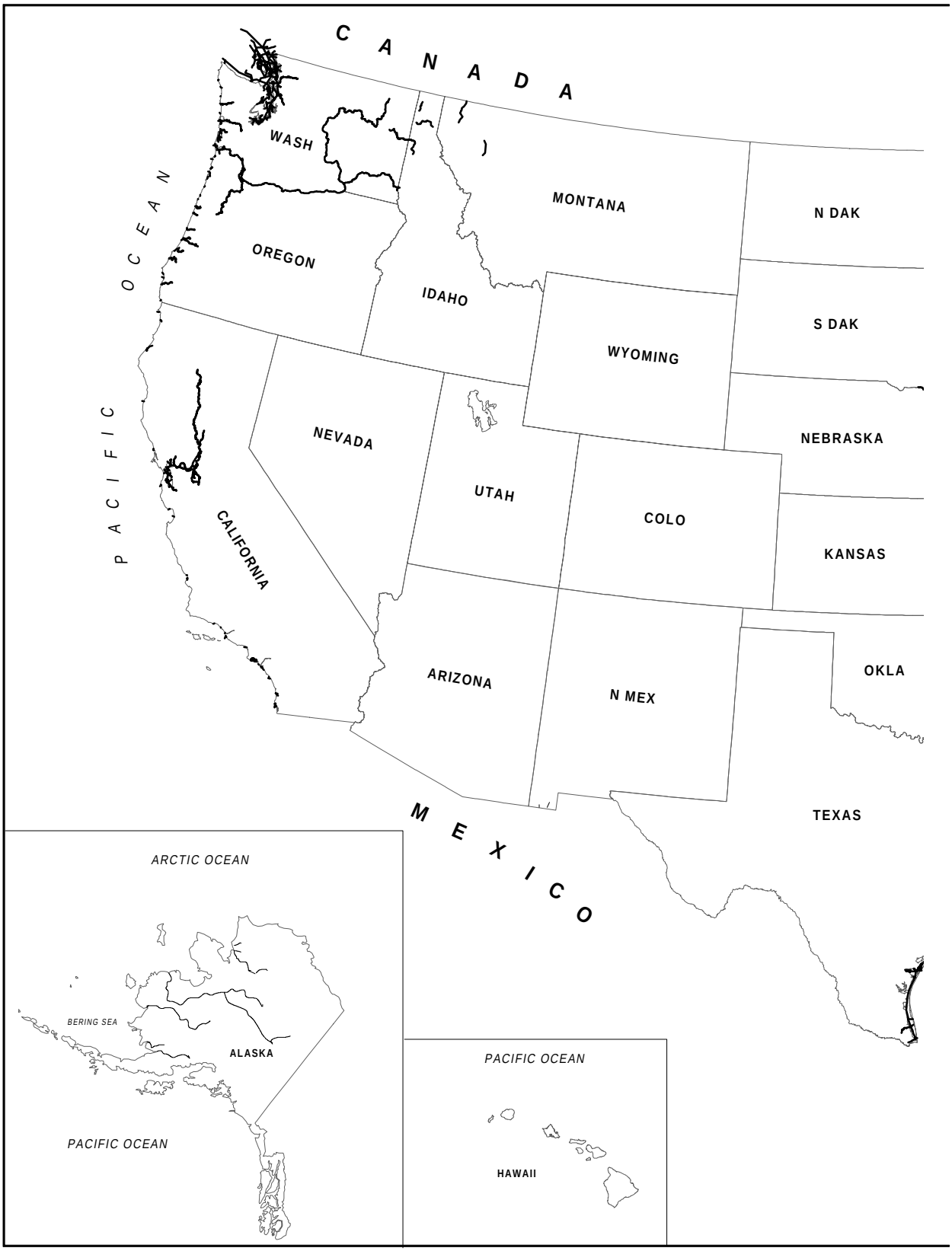
70 All Manufactured Equipment, Machinery and Products
7110 Machinery (Not Elec)
7120 Electrical Machinery
7210 Vehicles & Parts
7220 Aircraft & Parts
7230 Ships & Boats
7300 Ordnance & Access.
7400 Manufac. Wood Prod.
7500 Textile Products
7600 Rubber & Plastic Pr.
7800 Empty Containers
7900 Manufac. Prod. NEC

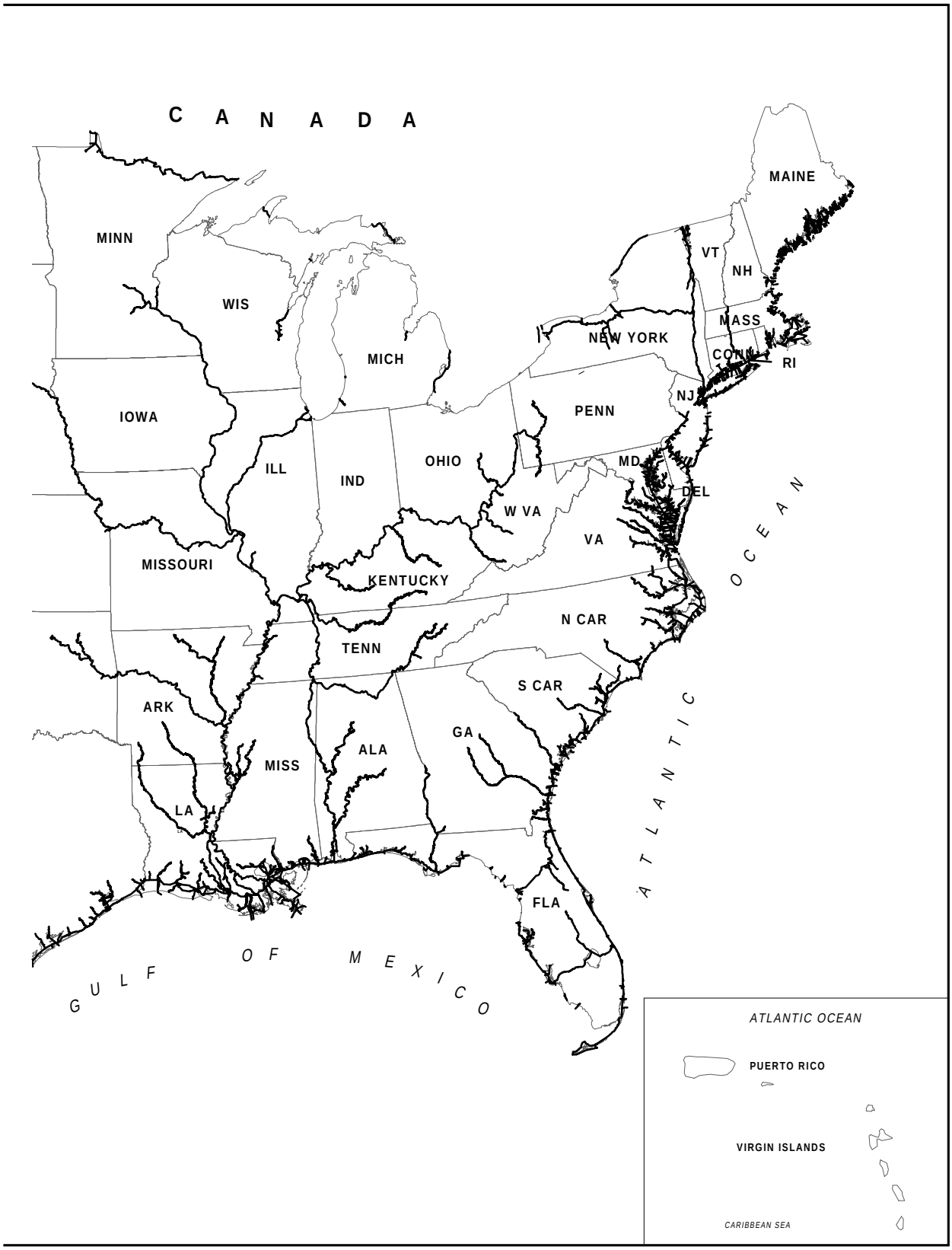
80 Waste and Scrap NEC
8900 Waste and Scrap NEC

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




C A N A D A
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OHIO
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DEL
W VA
VA
MISSOURI
KENTUCKY
N CAR
TENN
S CAR
ARK
GA
ALA
MISS
LA
FLA
A T L A N T I C O C E A N
G U L F O F M E X I C O
ATLANTIC OCEAN
PUERTO RICO
VIRGIN ISLANDS
CARIBBEAN SEA

Figure 1-2
TOTAL WATERBORNE COMMERCE OF THE U.S., 1970-2009
(million short tons)

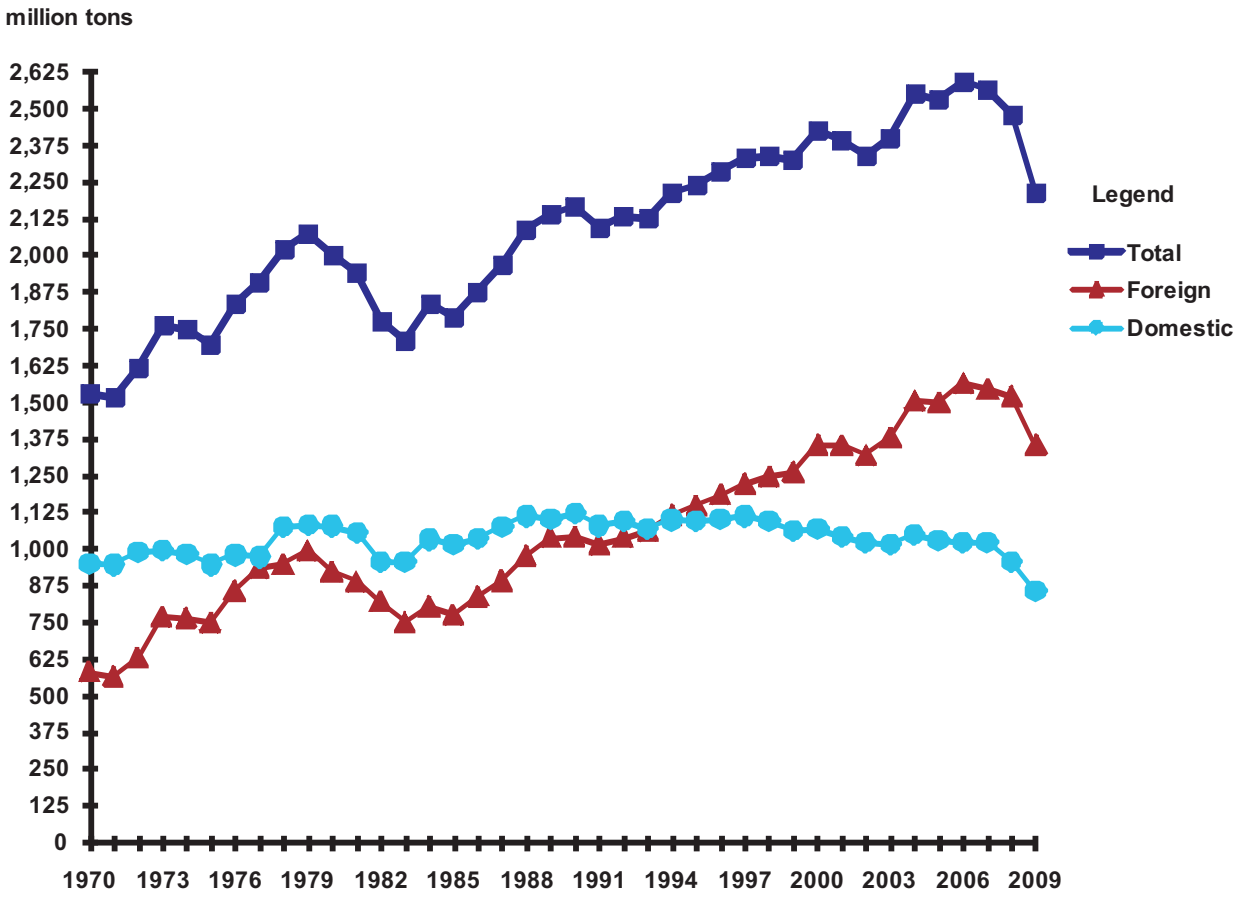


Table 1-1: TOTAL WATERBORNE COMMERCE OF THE U.S., 1970-2009
(in short tons of 2000 pounds)

Year	Total	Foreign	Domestic
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	2,393,298,249	1,350,826,076	1,042,472,173
2002	2,340,291,913	1,319,290,931	1,021,000,982
2003	2,394,251,814	1,378,115,758	1,016,136,056
2004	2,551,939,029	1,504,851,381	1,047,087,648
2005	2,527,622,229	1,498,711,806	1,028,910,423
2006	2,588,440,451	1,564,944,286	1,023,496,165
2007	2,563,971,539	1,542,452,190	1,021,519,349
2008	2,477,094,228	1,520,758,974	956,335,255
2009	**2,210,751,710**	**1,353,667,060**	**857,084,650**

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

Table 1-2: FOREIGN WATERBORNE COMMERCE OF THE U.S., 1970-2009
(in short tons of 2000 pounds)

	Inbound				Outbound			
			Great Lakes				Great Lakes	
Year	Total	Coastal	Canadian	Overseas	Total	Coastal	Canadian	Overseas
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
1981	477,191,504	457,467,479	16,794,705	2,929,320	409,910,646	366,424,418	36,976,771	6,509,457
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	951,815,354	929,794,190	18,920,172	3,100,992	399,010,722	358,491,237	37,350,838	3,168,647
2002	934,941,092	929,794,228	18,195,566	3,352,501	384,349,839	346,283,525	35,324,766	2,741,548
2003	1,004,791,494	981,455,427	21,304,177	2,031,890	373,324,264	340,381,209	30,604,158	2,338,897
2004	1,089,065,049	1,062,978,957	22,883,746	3,202,346	415,786,332	379,696,666	33,981,231	2,108,435
2005	1,096,884,618	1,072,771,062	21,774,451	2,339,105	401,827,188	364,536,268	34,852,877	2,438,043
2006	1,130,895,225	1,104,770,824	22,519,363	3,605,038	434,049,061	396,994,989	33,202,245	3,851,827
2007	1,075,671,555	1,026,736,444	18,955,056	2,534,081	466,780,635	434,066,753	29,980,055	2,733,827
2008	998,679,141	977,782,006	19,076,135	1,821,000	522,079,833	490,753,394	30,304,458	1,021,981
2009	**858,913,611**	**841,265,489**	**16,879,218**	**768,904**	**494,753,449**	**475,261,820**	**18,207,901**	**1,283,728**

Table 1-3: DOMESTIC WATERBORNE COMMERCE OF THE U.S., 1970-2009
(in short tons of 2000 pounds)

Year	Total	Coastwise	Lakewise	Internal	Intraport	Intra-territory
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
2002	1,021,000,982	216,395,545	101,466,070	608,038,126	90,004,416	5,096,825
2003	1,016,136,056	223,457,784	89,775,577	609,598,211	86,909,325	6,395,159
2004	1,047,087,648	220,556,911	103,532,991	626,246,813	91,267,043	5,483,890
2005	1,028,910,423	213,668,165	96,225,992	623,979,748	90,165,650	4,870,868
2006	1,023,496,165	201,812,012	96,881,167	627,607,548	91,367,763	5,827,675
2007	1,021,519,349	205,760,293	95,639,914	621,897,739	93,073,306	5,148,097
2008	956,335,225	186,289,563	90,402,327	588,479,945	86,946,214	4,217,206
2009	**857,084,650**	**167,742,096**	**63,215,628**	**522,491,855**	**98,984,346**	**4,650,725**

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

Table 1-4: TOTAL WATERBORNE COMMERCE, 1990-2009
TON-MILES, SHORT TONS AND AVERAGE HAUL+++ BY TYPE OF TRAFFIC

Year	Grand Total	Foreign			Domestic				
		Total	Great Lakes	Coastal	Total	Coastwise	Lakewise	Internal	Intraport
Ton-Miles*** (millions)									
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	736,930.0	115,243.8	*36,580.1	**78,663.8	621,686.2	274,558.8	50,853.5	294,860.9	1,413.0
2002	721,421.7	109,341.1	*34,921.3	**74,419.9	612,080.5	263,688.2	53,652.9	293,410.3	1,329.0
2003	714,440.4	108,294.1	*32.921.5	**75,372.7	606,146.3	278,918.7	47,539.4	278,352.3	1,335.9
2004	743,536.4	122,366.3	*37,581.8	**84,784.5	621,170.1	279,857.1	55,733.0	284,096.0	1,484.0
2005	705,176.0	113,899.2	*37,799.3	**76,099.9	591,276.8	263,464.1	51,924.3	274,367.2	1,521.3
2006	681,988.0	120,359.1	*40,677.4	**79,681.7	561,628.9	227,155.3	53,105.1	279,777.7	1,590.8
2007	670,030.0	116,879.2	*36,783.0	**80,096.9	553,150.8	228,052.0	51,892.5	271,617.2	1,589.1
2008	633,823.9	113,403.4	*33,769.2	**79,634.2	520,520.5	207,877.4	50,263.0	260,959.6	1,420.5
2009	**571,299.3**	**94,177.8**	***23,573.9**	***70,603.8**	**477,121.5**	**196,290.3**	**33,509.4**	**244,994.6**	**2,327.2**
Tons (millions)									
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	2,387.4	1,350.8	62.5	1,288.3	1,036.6	223.6	100.0	619.8	93.2
2002	2,335.2	1,319.3	59.6	1,259.7	1,015.9	216.4	101.5	608.0	90.0
2003	2,387.9	1,378.1	56.3	1,321.8	1,009.7	223.5	89.8	609.6	86.9
2004	2,546.5	1,504.9	62.2	1,442.7	1,041.6	220.6	103.5	626.2	91.3
2005	2,522.8	1,498.7	61.4	1,437.3	1,024.0	213.7	96.2	624.0	90.2
2006	2,582.7	1,564.9	63.2	1,501.8	1,017.7	201.8	96.9	627.6	91.4
2007	2,558.8	1,542.5	54.2	1,488.2	1,016.4	205.8	95.6	621.9	93.1
2008	2,472.9	1,520.8	52.2	1,468.5	952.1	186.3	90.4	588.5	86.9
2009	**2,206.1**	**1,353.7**	**37.1**	**1,316.5**	**852.4**	**167.7**	**63.2**	**522.5**	**99.0**

* 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, 1990-2009
TON-MILES, SHORT TONS AND AVERAGE HAUL+++ BY TYPE OF TRAFFIC
(continued)

Year	Grand Total	Foreign			Domestic				
		Total	Great Lakes	Coastal	Total	Coastwise	Lakewise	Internal	Intraport
Average Haul*** (miles)									
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	308.7	85.3	584.9	61.1	599.7	1,227.9	508.5	475.7	15.2
2002	308.9	82.9	585.8	59.1	602.5	1,218.5	528.8	482.6	14.8
2003	299.2	78.6	585.0	57.0	600.3	1,248.2	529.5	456.6	15.4
2004	292.0	81.3	604.4	58.8	596.4	1,268.9	538.4	453.6	16.3
2005	279.5	76.0	615.6	52.9	577.4	1,233.1	539.6	439.7	16.9
2006	264.1	76.9	643.8	53.1	548.7	1,125.6	548.1	445.8	17.4
2007	261.9	75.8	678.6	53.8	544.2	1,108.3	542.6	436.8	17.1
2008	256.4	74.6	646.6	5.4	546.7	1,115.9	556.0	443.4	16.3
2009	**259.0**	**69.6**	**634.7**	**0.1**	**559.7**	**1,170.2**	**530.1**	**468.9**	**23.5**

*** 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,1990-2009
BY COMMODITY GROUP
(million short tons)

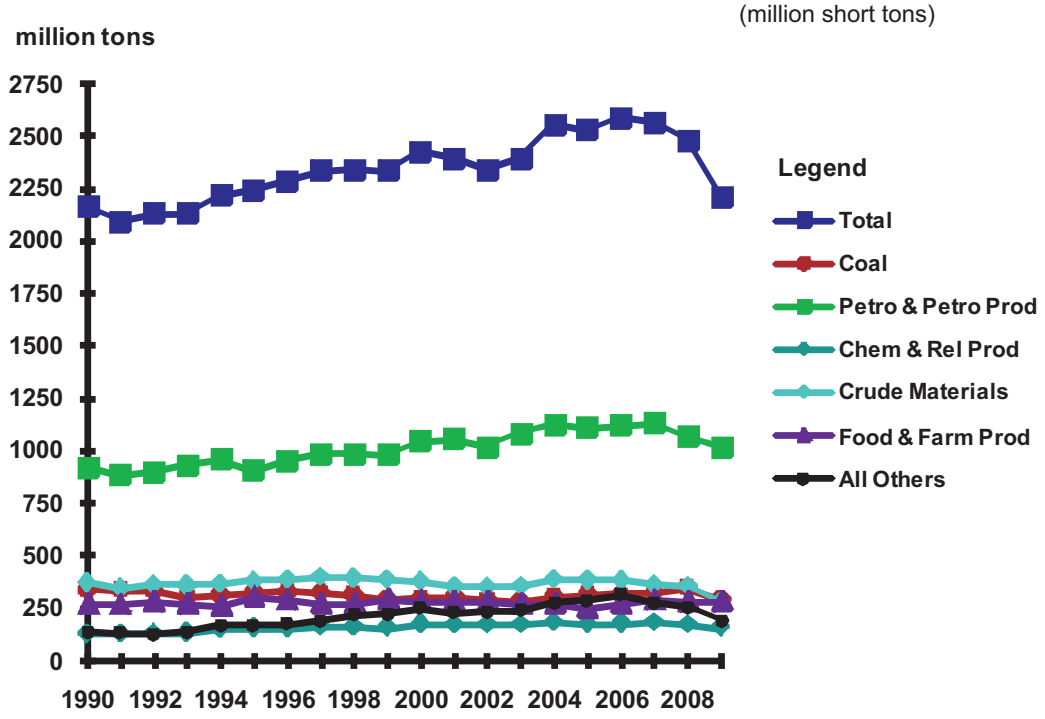


Table 1-5: TOTAL WATERBORNE COMMERCE, 1990-2009
BY COMMODITY GROUP
(million short tons)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Total	**2,163.9**	**2,092.1**	**2,132.1**	**2,128.2**	**2,214.8**	**2,240.4**	**2,284.1**	**2,333.1**	**2,339.5**	**2,322.6**
Coal	339.9	336.8	332.2	300.4	314.1	324.5	328.7	326.0	316.1	289.2
Petro & Petro Prod	923.5	886.0	899.6	930.6	961.3	907.1	954.4	988.2	987.4	979.1
Chem & Rel Prod	123.8	125.1	128.7	131.6	146.9	152.9	152.3	156.6	156.5	155.7
Crude Materials	374.9	348.9	364.0	360.6	369.3	381.7	388.7	400.9	394.3	386.6
Primary Manuf Goods	76.0	71.8	70.1	76.8	105.0	106.3	108.9	117.0	141.0	147.4
Food & Farm Prod	267.5	263.9	280.4	269.3	225.8	303.2	*284.9	271.7	265.7	287.9
All Manuf Equip	42.2	43.6	49.0	51.1	54.9	57.8	59.0	66.1	71.8	71.5
Other	16.5	16.0	8.0	7.9	7.3	6.9	7.2	6.6	6.6	5.2

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	**2,424.6**	**2,393.3**	**2,340.3**	**2,394.3**	**2,551.9**	**2,527.6**	**2,588.4**	**2,564.0**	**2,477.1**	**2,210.8**
Coal	297.0	303.3	286.9	281.2	306.1	316.6	318.1	326.1	348.0	291.0
Petro & Petro Prod	1,043.9	1,055.3	1,017.9	1,080.5	1,127.1	1,111.4	1,122.2	1,133.0	1,068.3	1,016.4
Chem & Rel Prod	172.4	169.7	167.6	171.3	180.1	174.9	176.1	178.2	168.7	154.9
Crude Materials	380.3	354.0	352.0	358.0	390.3	386.0	384.0	362.4	358.3	280.9
Primary Manuf Goods	153.0	137.1	140.8	134.7	159.6	166.4	189.2	154.2	134.6	89.6
Food & Farm Prod	283.3	281.9	280.0	265.7	271.3	251.3	271.3	285.1	277.9	279.0
All Manuf Equip	83.6	80.3	81.9	90.0	102.7	110.3	117.0	113.7	109.7	89.6
Other	11.1	11.7	13.2	12.8	14.6	10.6	10.6	11.3	11.7	9.3

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

Figure 1-4
FOREIGN WATERBORNE COMMERCE, 1990-2009
INBOUND AND OUTBOUND TRAFFIC
(million short tons)

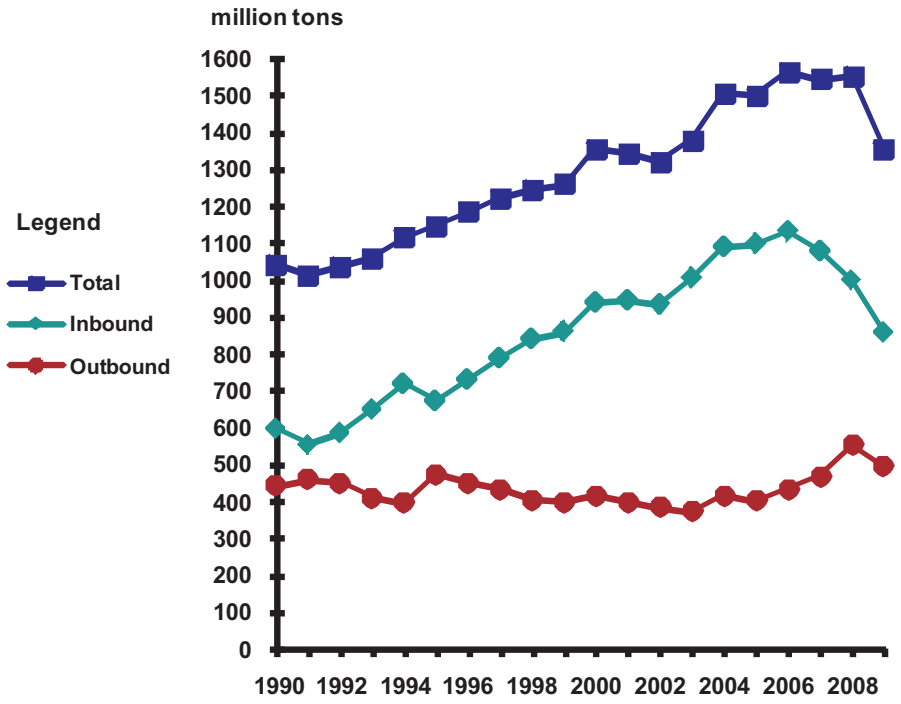


Table 1-6: FOREIGN WATERBORNE COMMERCE, 1990-2009
INBOUND AND OUTBOUND TRAFFIC
(million short tons)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Total	**1,041.6**	**1,013.6**	**1,037.5**	**1,060.0**	**1,115.7**	**1,147.4**	**1,183.4**	**1,220.6**	**1,245.4**	**1,260.8**
Inbound	600.0	555.4	586.7	648.8	719.5	672.7	732.6	788.3	840.7	860.8
Outbound	441.6	458.2	450.8	411.3	396.2	474.7	450.8	432.3	404.7	400.0

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	**1,354.8**	**1,350.8**	**1,319.3**	**1,378.1**	**1,504.9**	**1,498.7**	**1,564.9**	**1,542.5**	**1,550.8**	**1,353.7**
Inbound	939.7	951.8	934.9	1,004.8	1,089.1	1,096.9	1,130.9	1,075.7	998.7	858.9
Outbound	415.0	399.0	384.3	373.3	415.8	401.8	434.0	466.8	552.1	494.8

Figure 1-5
FOREIGN WATERBORNE COMMERCE, 1990-2009
TOTAL, COASTAL AND GREAT LAKES TRAFFIC
(million short tons)

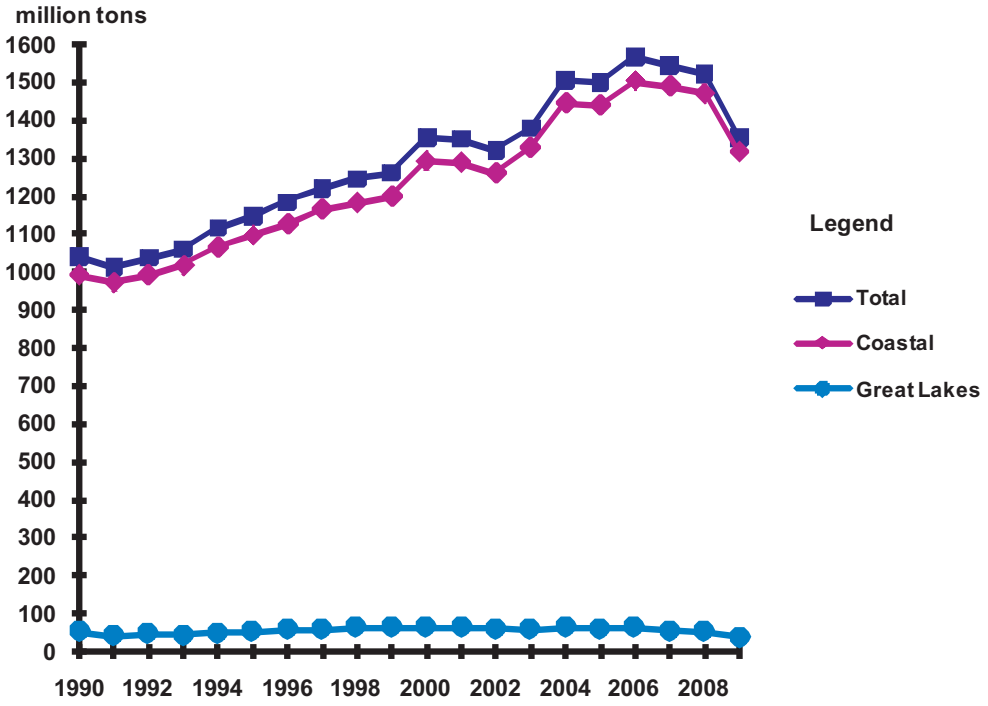


Table 1-7: FOREIGN WATERBORNE COMMERCE, 1990-2009
TOTAL, COASTAL AND GREAT LAKES TRAFFIC
(million short tons)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Total	**1,041.6**	**1,013.6**	**1,037.5**	**1,060.0**	**1,115.7**	**1,147.4**	**1,183.4**	**1,220.6**	**1,245.4**	**1,260.8**
Coastal	991.1	971.8	992.0	1,016.4	1,065.6	1,095.5	1,127.0	1,162.9	1,183.0	1,198.3
Great Lakes	50.5	41.8	45.5	43.6	50.1	51.9	56.4	57.7	62.4	62.4

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	**1,354.8**	**1,350.8**	**1,319.3**	**1,378.1**	**1,504.9**	**1,498.7**	**1,564.9**	**1,542.5**	**1,520.8**	**1,353.7**
Coastal	1,290.7	1,288.3	1,259.7	1,321.8	1,442.7	1,437.3	1,501.8	1,488.2	1,468.5	1,316.5
Great Lakes	64.0	62.5	59.6	56.3	62.2	61.4	63.2	54.2	52.2	37.1

Figure 1-6
DOMESTIC WATERBORNE COMMERCE, 1990-2009
BY TYPE OF TRAFFIC
(million short tons)

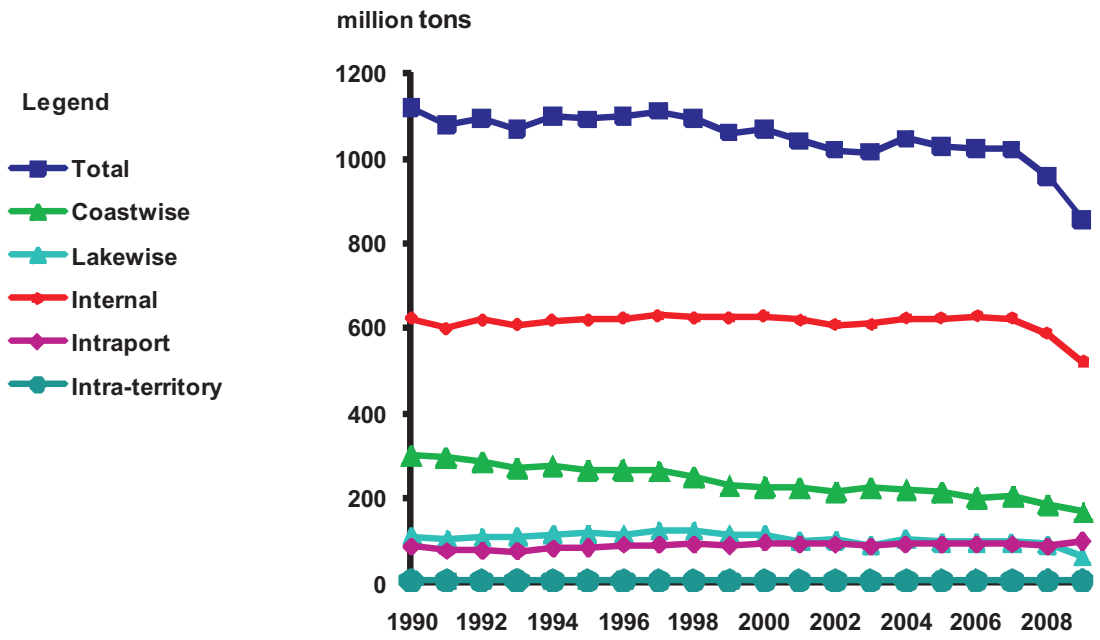


Table 1-8: DOMESTIC WATERBORNE COMMERCE, 1990-2009
BY TYPE OF TRAFFIC
(million short tons)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Total	**1,122.3**	**1,078.6**	**1,094.6**	**1,068.2**	**1,099.0**	**1,093.0**	**1,100.7**	**1,112.5**	**1,094.1**	**1,061.8**
Coastwise	298.6	294.5	285.1	271.7	277.0	266.6	267.4	263.1	249.6	228.8
Lakewise	110.2	103.4	107.4	109.9	114.8	116.1	114.9	122.7	122.2	113.9
Internal	622.6	600.4	621.0	607.3	618.4	620.3	*622.1	630.6	625.0	624.6
Intraport	86.4	75.6	76.8	74.4	82.9	83.1	*89.0	89.8	90.1	88.7
Intra-territory	4.5	4.6	4.2	5.0	5.9	6.9	7.3	6.3	7.2	5.9

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	**1,069.8**	**1,042.5**	**1,021.0**	**1,016.1**	**1,047.1**	**1,028.9**	**1023.5**	**1021.5**	**956.3**	**857.1**
Coastwise	226.9	223.6	216.4	223.5	220.6	213.7	201.8	205.8	186.3	167.7
Lakewise	114.4	100.0	101.5	89.8	103.5	96.2	96.9	95.6	90.4	63.2
Internal	628.4	619.8	608.0	609.6	626.2	624.0	627.6	621.9	588.5	522.5
Intraport	94.6	93.2	90.0	86.9	91.3	90.2	91.4	93.1	86.9	99.0
Intra-territory	5.5	5.9	5.1	6.4	5.5	4.9	5.8	5.1	4.2	4.7

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

Figure 1-7
DOMESTIC WATERBORNE COMMERCE, 1990-2009
TON-MILES BY TYPE OF TRAFFIC
(billion short ton-miles)

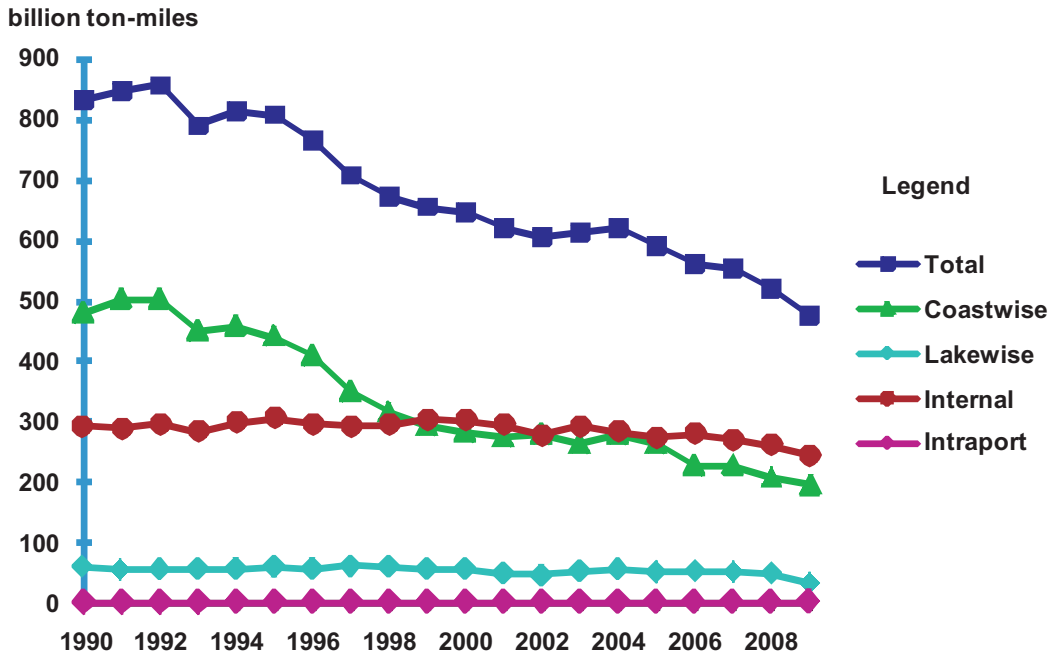


Table 1-9: DOMESTIC WATERBORNE COMMERCE, 1990-2009
TON-MILES BY TYPE OF TRAFFIC
(billion short ton-miles)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Total	**833.5**	**848.4**	**856.7**	**789.7**	**814.9**	**807.7**	**764.7**	**707.4**	**672.8**	**655.9**
Coastwise	479.1	502.1	502.3	448.4	457.6	440.3	408.1	349.8	314.9	292.7
Lakewise	60.9	55.3	55.8	56.4	58.3	59.7	58.3	62.2	61.7	57.0
Internal	292.4	290.0	297.6	283.9	297.8	306.3	296.8	294.0	294.9	304.7
Intraport	1.1	1.0	1.0	0.9	1.3	1.3	1.5	1.4	1.4	1.4

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	**645.8**	**621.7**	**612.1**	**606.1**	**621.2**	**591.3**	**561.6**	**553.2**	**520.5**	**477.1**
Coastwise	283.9	274.6	263.7	278.9	279.9	263.5	227.2	228.1	207.9	196.3
Lakewise	57.9	50.9	53.7	47.5	55.7	51.9	53.1	51.9	50.3	33.5
Internal	302.6	294.9	293.4	278.4	284.1	274.4	279.8	271.6	261.0	245.0
Intraport	1.5	1.4	1.3	1.3	1.5	1.5	1.6	1.6	1.4	2.3

Figure 1-8
DOMESTIC WATERBORNE COMMERCE, 1990-2009
AVERAGE HAUL BY TYPE OF TRAFFIC
(miles per short ton)

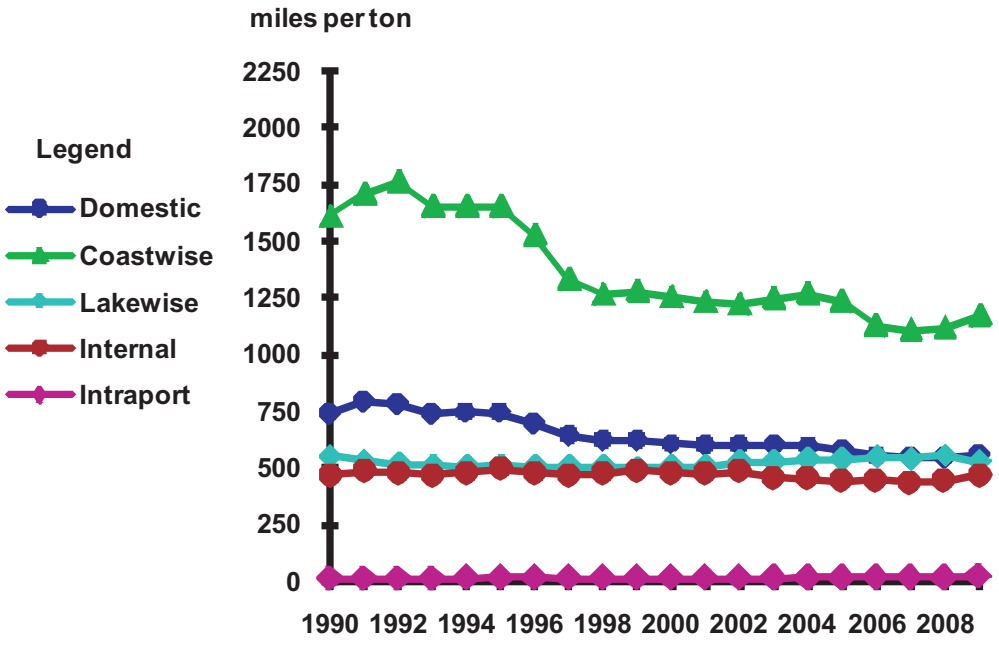


Table 1-10: DOMESTIC WATERBORNE COMMERCE, 1990-2009
AVERAGE HAUL BY TYPE OF TRAFFIC
(miles per short ton)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Domestic	745.7	789.9	785.7	742.7	745.5	743.6	699.4	639.5	619.0	621.1
Coastwise	1,604.4	1,704.8	1,761.7	1,650.4	1,651.8	1,651.6	1,526.2	1,329.5	1,261.3	1,279.4
Lakewise	553.1	535.0	519.4	514.0	507.6	514.1	507.8	506.5	504.7	500.9
Internal	469.6	483.0	479.3	467.5	481.5	493.8	477.1	466.3	471.8	487.9
Intraport	12.6	12.8	12.4	12.4	15.6	16.2	16.6	15.3	15.3	15.4

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Domestic	606.8	599.7	602.5	600.3	596.4	577.4	548.7	544.2	546.7	559.7
Coastwise	1,250.9	1,227.9	1,218.5	1,248.2	1,268.9	1,233.1	1,125.6	1,108.3	1,115.9	1,170.2
Lakewise	506.1	508.5	528.8	529.5	538.4	539.6	548.1	542.6	556.0	530.1
Internal	481.4	475.7	482.6	456.6	453.6	439.7	445.8	436.8	443.4	468.9
Intraport	15.8	15.2	14.8	15.4	16.3	16.9	17.4	17.1	16.3	23.5

Figure 1-9
DOMESTIC WATERBORNE COMMERCE, 1990-2009
BY COMMODITY GROUP
(million short tons)

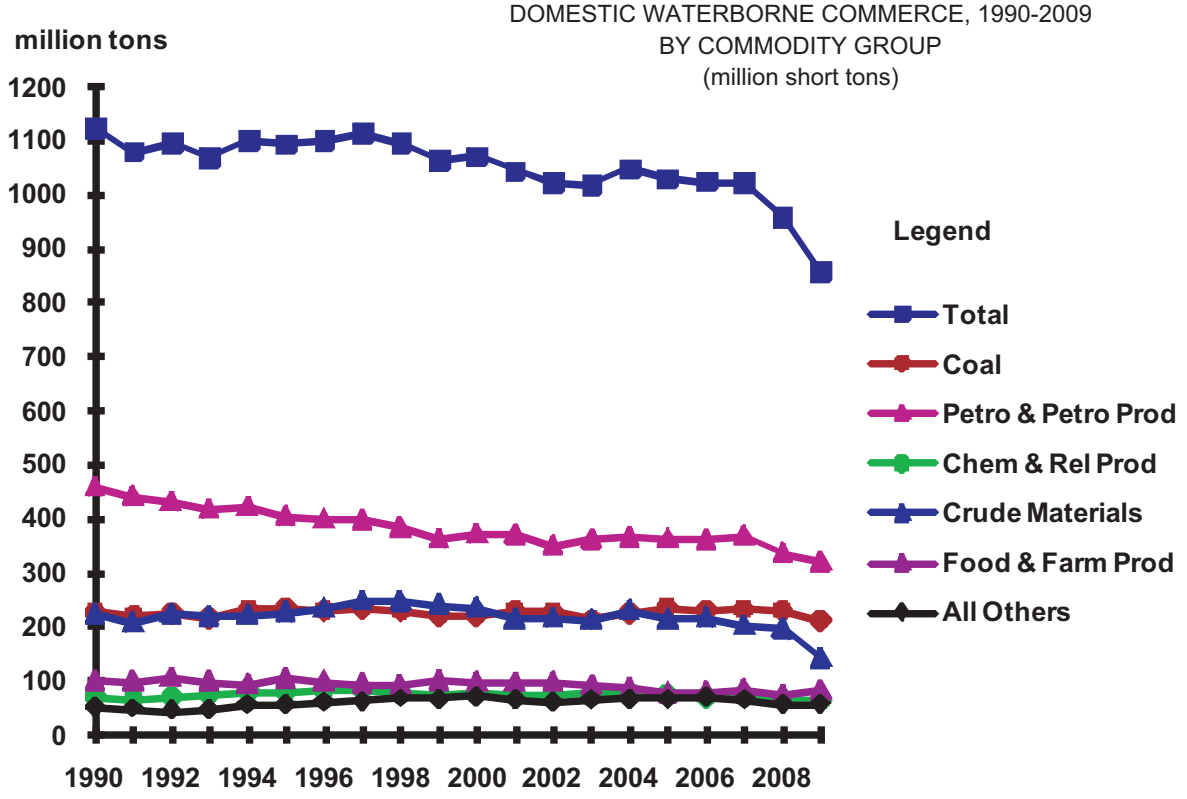


Table 1-11: DOMESTIC WATERBORNE COMMERCE, 19809-2009
BY COMMODITY GROUP
(million short tons)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Total	**1,122.3**	**1,078.6**	**1,094.6**	**1,068.2**	**1,099.0**	**1,093.0**	**1,100.7**	**1,112.5**	**1,094.1**	**1,061.8**
Coal	227.1	219.8	223.5	214.7	231.3	223.5	229.9	232.3	229.4	218.9
Petro & Petro Prod	457.7	440.7	429.4	416.9	420.8	403.6	398.5	396.7	382.5	361.5
Chem & Rel Prod	67.4	65.4	70.1	72.8	78.5	79.4	80.2	81.0	77.7	75.3
Crude Materials	222.4	206.7	223.0	218.6	220.9	226.4	233.2	246.5	245.7	239.3
Primary Manuf Goods	25.5	25.4	25.8	28.5	35.7	36.8	37.7	37.2	41.2	45.0
Food & Farm Prod	98.6	98.2	105.3	98.3	93.3	103.4	*98.0	93.7	91.5	100.0
All Manuf Equip	8.1	8.1	10.6	11.6	12.5	14.6	17.2	19.5	20.8	17.8
Other	15.5	14.4	6.9	6.8	5.8	5.5	6.0	5.6	5.3	3.9

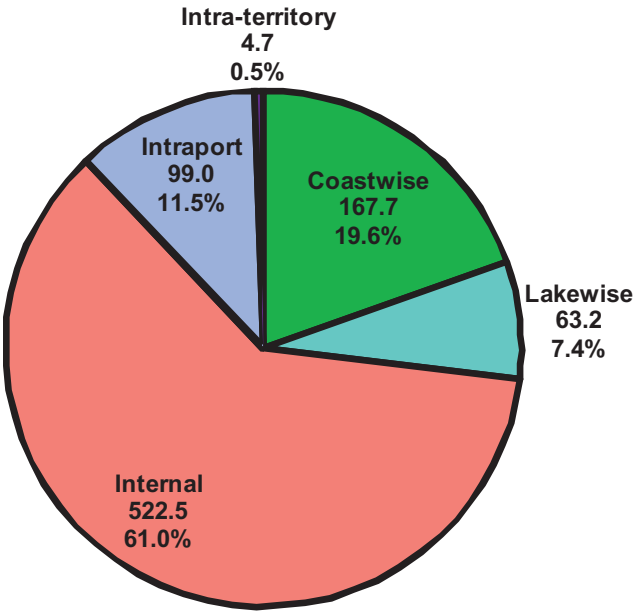
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	**1,069.8**	**1,042.5**	**1,021.0**	**1,016.1**	**1,047.1**	**1,028.9**	**1,023.5**	**1,021.5**	**956.3**	**857.1**
Coal	220.7	227.7	227.0	213.5	222.9	235.3	229.8	231.8	229.9	210.7
Petro & Petro Prod	370.6	369.7	348.7	360.8	365.4	362.7	359.8	367.5	335.6	319.7
Chem & Rel Prod	76.0	71.1	73.1	75.7	75.8	72.7	69.4	71.1	65.5	62.2
Crude Materials	234.2	213.7	214.7	211.6	229.4	213.4	215.7	201.9	194.7	143.0
Primary Manuf Goods	45.8	40.3	42.4	41.7	43.0	44.9	47.0	44.0	38.2	24.2
Food & Farm Prod	96.9	96.5	97.6	90.9	86.9	77.7	79.6	84.4	73.4	81.2
All Manuf Equip	21.2	19.9	14.6	18.7	20.6	20.2	19.9	19.1	17.0	14.1
Other	4.3	3.5	3.0	3.2	3.1	2.0	2.4	1.8	1.9	1.9

Table 1-12: DOMESTIC COMMERCE,2008-2009
COMPARED BY TYPE OF TRAFFIC
BARGE AND SELF-PROPELLED VESSELS
(million short tons)

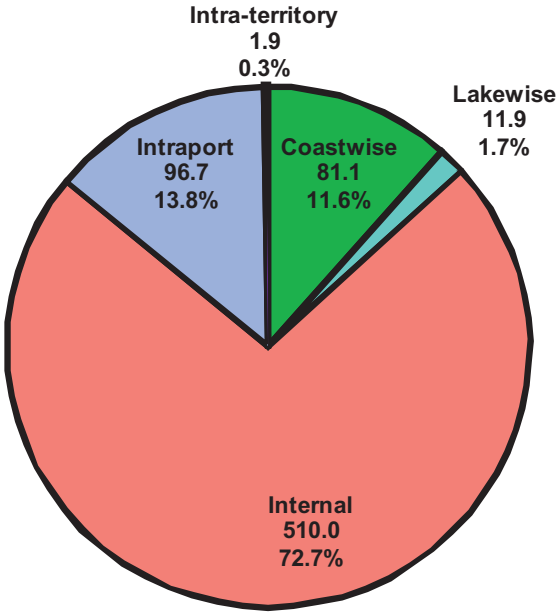
	2008	2009	% Change
Domestic Traffic	**956.3**	**857.1**	**-10.4**
Coastwise	186.3	167.7	-10.0
Lakewise	90.4	63.2	-30.1
Internal	588.5	522.5	-11.2
Intraport	86.9	99.0	13.8
Intra-territory	4.2	4.7	10.3
Barge Traffic	**767.5**	**701.5**	**-8.6**
Coastwise	94.8	81.1	-14.5
Lakewise	15.4	11.9	-23.1
Internal	571.8	510.0	-10.8
Intraport	83.5	96.7	15.7
Intra-territory	1.8	1.9	4.7
Self-Propelled Traffic	**188.9**	**155.6**	**-17.6**
Coastwise	91.5	86.6	-5.3
Lakewise	75.0	51.3	-31.5
Internal	16.6	12.5	-24.6
Intraport	3.4	2.3	-32.1
Intra-territory	2.4	2.8	14.5

Figure 1-10
DOMESTIC COMMERCE, 2009
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

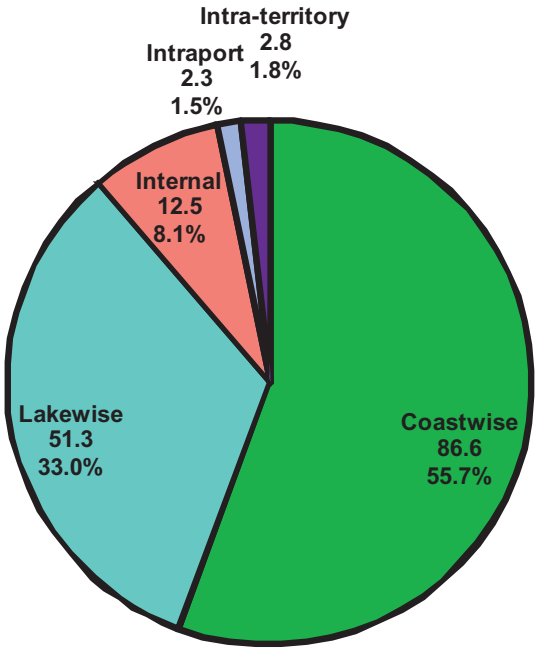


Table 1-13: WATERBORNE TRADE WITH NAFTA PARTNERS, 2009
TONNAGE AND PERCENT OF TOTAL U.S. WATERBORNE FOREIGN INBOUND AND OUTBOUND TRAFFIC
(short tons)

Commodity	Canada				Mexico			
	Inbound from	%	Outbound to	%	Inbound from	%	Outbound to	%
Total, all commodities	**76,486,771**	**8.9**	**25,336,518**	**5.1**	**83,909,665**	**9.8**	**28,068,256**	**5.7**
Total coal	**800,347**	**3.5**	**8,253,280**	**14.4**	**—-**	**—-**	**694,100**	**1.2**
1100 coal & lignite	614,450	2.7	8,088,226	14.4	—-	—-	658,571	1.2
1200 coal coke	185,897	64.7	165,054	16.3	—-	—-	35,529	3.5
Total petroleum and petroleum products	**43,784,293**	**7.5**	**5,236,431**	**4.6**	**69,838,954**	**12.0**	**12,991,533**	**11.3**
Subtotal crude petroleum	**25,896,329**	**5.7**	**—-**	**—-**	**64,479,559**	**14.3**	**—-**	**—-**
2100 crude petroleum	25,896,329	5.7	—-	—-	64,479,559	14.3	—-	—-
Subtotal petroleum products	**17,887,964**	**13.6**	**5,236,431**	**4.6**	**5,359,395**	**4.1**	**12,991,533**	**11.3**
2211 gasoline	9,307,937	18.4	1,612,123	6.6	2,027,589	4.0	7,122,128	29.0
2221 kerosene	5,779	2.4	113,573	8.3	—-	—-	14,548	1.1
2330 distillate fuel oil	6,930,111	12.5	1,336,983	3.4	3,077,971	5.5	2,618,817	6.6
2340 residual fuel oil	445,479	9.6	104,147	1.4	81,170	1.7	225,829	2.9
2350 lube oil & greases	22	0.0	—-	—-	43	0.0	235	0.0
2410 petro. jelly & waxes	—-	—-	—-	—-	—-	—-	1,183	0.8
2429 naphtha & solvents	126,127	3.4	13,968	0.5	96,912	2.6	107,259	3.6
2430 asphalt, tar & pitch	4,377	1.7	207,821	21.4	31	0.0	63,768	6.6
2540 petroleum coke	1,058,698	44.8	1,814,965	5.5	68,183	2.9	2,295,119	7.0
2640 hydrocarbon & petrol gases, liquefied and gaseous	9,434	0.1	32,851	1.0	7,496	0.1	542,647	16.1
Total chemicals and related products	**1,311,875**	**3.6**	**697,712**	**1.2**	**656,978**	**1.8**	**4,974,185**	**8.9**
Subtotal fertilizers	**144,736**	**2.8**	**44,807**	**0.4**	**6,102**	**0.1**	**480,191**	**4.4**
3110 nitrogenous fert.	17,710	0.4	12,631	0.8	45	0.0	153,515	9.9
3120 phosphatic fert.	—-	—-	—-	—-	—-	—-	—-	—-
3130 potassic fert.	124,042	27.0	—-	—-	—-	—-	56,006	3.3
3190 fert. & mixes nec	2,984	1.3	32,176	0.4	6,057	2.7	270,670	3.6
Subtotal other chemicals and related products	**1,167,139**	**3.7**	**652,905**	**1.4**	**650,876**	**2.1**	**4,493,994**	**10.0**
3211 acyclic hydrocarbons	468,583	35.8	11,300	1.2	32,564	2.5	102,887	11.2
3212 benzene & toluene	148,305	7.3	—-	—-	—-	—-	44,118	13.2
3219 other hydrocarbons	6,982	0.8	45,059	0.8	3,585	0.4	1,754,313	32.1
3220 alcohols	237,530	3.1	16,215	0.6	27,067	0.4	252,157	9.4
3230 carboxylic acids	2,344	0.2	10,826	0.3	111,138	11.4	411,980	12.8
3240 nitrogen func. comp.	28	0.0	17	0.0	9,900	1.8	77,649	4.5
3250 organo - inorg. comp.	2,794	0.8	842	0.2	226	0.1	128	0.0
3260 organic comp. nec	8,965	1.2	4,038	0.1	7,084	1.0	1,143,937	28.7
3271 sulphur (liquid)	—-	—-	—-	—-	318,847	58.8	34,108	99.9
3272 sulphuric acid	64,760	8.0	—-	—-	—-	—-	11,244	17.2
3273 ammonia	—-	—-	—-	—-	4,631	0.1	1	0.0
3274 sodium hydroxide	41	0.0	363,172	9.2	3,319	0.2	206,718	5.2
3275 inorg. elem., oxides, & halogen salts	134,614	11.8	11,503	0.5	18,458	1.6	65,822	3.1
3276 metallic salts	6,803	0.5	180,177	3.6	21,063	1.4	30,113	0.6
3279 inorganic chem. nec	19	0.0	7	0.0	243	0.2	2,122	0.7
3281 radioactive material	1	0.0	20	0.0	21	0.1	249	0.6
3282 pigments & paints	331	0.1	18	0.0	281	0.1	10,632	1.8
3283 coloring mat. nec	2	0.0	15	0.0	540	0.5	3,934	4.1
3284 medicines	133	0.1	116	0.0	310	0.1	9,205	3.0
3285 perfumes & cleansers	31,434	4.2	76	0.0	19,671	2.6	4,240	0.5
3286 plastics	19,913	0.7	398	0.0	54,966	1.8	281,285	2.7
3291 pesticides	1,881	0.9	—-	—-	760	0.4	44	0.0
3292 starches, gluten, glue	263	0.0	3	0.0	278	0.1	12,983	2.0
3293 explosives	49	0.0	45	0.6	—-	—-	11	0.1
3297 chemical additives	141	0.1	1,447	0.2	4,127	2.9	6,649	1.1
3298 wood & resin chem.	28	0.0	—-	—-	30	0.0	68	0.1
3299 chem. products nec	31,195	5.0	7,611	0.8	11,767	1.9	27,397	2.9
Total crude materials, inedible except fuels	**26,208,303**	**35.1**	**9,318,340**	**14.7**	**10,917,468**	**14.6**	**759,923**	**1.2**
Subtotal forest products, wood and chips	**570,139**	**15.7**	**285,142**	**3.4**	**50,361**	**1.4**	**85,134**	**1.0**
4110 rubber & gums	19	0.0	—-	—-	65	0.0	125	0.6
4150 fuel wood	11,465	17.4	32,385	11.0	35	0.1	—-	—-
4161 wood chips	33,942	94.2	251,134	15.7	11	0.0	25	0.0
4170 wood in the rough	396,394	78.6	—-	—-	1,141	0.2	543	0.0
4189 lumber	127,858	6.2	600	0.0	48,480	2.4	84,184	3.1
4190 forest products nec	461	0.1	1,023	1.2	629	0.2	257	0.3
Subtotal pulp and waste paper	**24,529**	**1.5**	**11,888**	**0.1**	**891**	**0.1**	**300,117**	**1.5**
4225 pulp & waste paper	24,529	1.5	11,888	0.1	891	0.1	300,117	1.5
Subtotal soil, sand, gravel, rock and stone	**13,672,512**	**48.0**	**2,752,845**	**91.1**	**8,743,473**	**30.7**	**369**	**0.0**
4310 building stone	79,674	7.3	80	0.2	1,792	0.2	—-	—-
4322 limestone	4,015,407	29.1	2,391,134	99.1	7,402,162	53.6	—-	—-
4323 gypsum	3,049,914	68.0	—-	—-	1,252,185	27.9	344	1.5
4327 phosphate rock	—-	—-	—-	—-	—-	—-	—-	—-
4331 sand & gravel	6,527,517	94.8	361,631	67.3	87,334	1.3	25	0.0
Subtotal iron ore and scrap	**4,579,682**	**75.6**	**5,171,898**	**21.9**	**73,730**	**1.2**	**219,214**	**0.9**
4410 iron ore	3,952,740	79.2	5,146,427	96.7	59,633	1.2	—-	—-
4420 iron & steel scrap	626,942	58.9	25,471	0.1	14,097	1.3	219,214	1.2

Table 1-13: WATERBORNE TRADE WITH NAFTA PARTNERS, 2009 (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	%
Subtotal marine shells	**—-**	**—-**	**—-**	**—-**	**1,300**	**21.1**	**—-**	**—-**
4515 marine shells	—	—	—	—	1,300	21.1	—	—
Subtotal non-ferrous ores and scrap	**181,291**	**1.4**	**443,465**	**17.8**	**24,810**	**0.2**	**1,367**	**0.1**
4630 copper ore	—	—	—	—	213	11.5	—	—
4650 aluminum ore	51,504	0.5	443,465	43.6	6,616	0.1	61	0.0
4670 manganese ore	—	—	—	—	1,681	0.6	—	—
4680 non-ferrous scrap	75,349	32.3	—	—	5,359	2.3	1,306	0.2
4690 non-ferrous ores nec	54,438	5.4	—	—	10,941	1.1	—	—
Subtotal sulphur, clay and salt	**44,980**	**4.2**	**25,927**	**0.5**	**268,634**	**25.0**	**152,045**	**3.2**
4741 sulphur, (dry)	—	—	—	—	265,394	88.4	141,402	6.2
4782 clay & refrac. mat.	44,980	5.8	25,927	1.1	3,240	0.4	10,643	0.4
Subtotal slag	**704,787**	**41.3**	**73,175**	**48.6**	**—-**	**—-**	**—-**	**—-**
4860 slag	704,787	41.3	73,175	48.6	—	—	—	—
Subtotal other non-metal. min.	**6,430,383**	**33.6**	**554,000**	**63.7**	**1,754,269**	**9.2**	**1,677**	**0.2**
4900 non-metal. min. nec	6,430,383	33.6	554,000	63.7	1,754,269	9.2	1,677	0.2
Total primary manufactured goods	**3,367,168**	**7.6**	**169,778**	**0.8**	**523,956**	**1.2**	**152,862**	**0.7**
Subtotal paper products	**330,387**	**6.8**	**7,899**	**0.1**	**54,838**	**1.1**	**104,228**	**1.4**
5110 newsprint	259,064	74.0	—	—	—	—	29,656	7.9
5120 paper & paperboard	67,131	2.2	7,670	0.1	43,564	1.4	66,847	1.1
5190 paper products nec	4,192	0.3	229	0.0	11,274	0.8	7,725	0.7
Subtotal lime, cement and glass	**2,303,840**	**20.4**	**102,846**	**8.4**	**42,336**	**0.4**	**2,382**	**0.2**
5210 lime	6,809	56.5	11,197	43.2	8	0.1	—	—
5220 cement & concrete	2,291,203	39.4	85,987	36.4	19,809	0.3	30	0.0
5240 glass & glass prod.	688	0.1	210	0.0	7,623	0.6	1,262	0.2
5290 misc. mineral prod.	5,140	0.1	5,452	1.4	14,896	0.4	1,090	0.3
Subtotal primary iron and steel products	**263,857**	**1.8**	**30,328**	**0.9**	**358,803**	**2.4**	**21,839**	**0.7**
5312 pig iron	83,321	2.4	—	—	—	—	25	0.0
5315 ferro alloys	125	0.0	—	—	10,190	1.7	796	1.2
5320 i&s primary forms	176,143	5.2	13,721	0.7	242,000	7.1	2,427	0.1
5330 i&s plates & sheets	287	0.0	13,785	3.4	5,305	0.2	8,135	2.0
5360 i&s bars & shapes	635	0.0	—	—	6,905	0.5	5,951	1.9
5370 i&s pipe & tube	3,236	0.1	2,822	0.6	94,208	2.7	4,304	0.9
5390 primary i&s nec	110	0.0	—	—	195	0.1	201	0.3
Subtotal primary non-ferrous metal products	**468,135**	**4.1**	**28,608**	**0.3**	**28,858**	**0.3**	**22,098**	**0.2**
5421 copper	203	0.0	—	—	4,203	0.5	2,586	2.0
5422 aluminum	352,100	19.1	10,721	3.4	2,007	0.1	5,178	1.6
5429 smelted prod. nec	1,393	0.2	12,015	0.2	7,187	1.2	3,227	0.0
5480 fab. metal products	114,439	1.4	5,872	0.3	15,461	0.2	11,107	0.6
Subtotal primary wood products	**949**	**0.1**	**97**	**0.0**	**39,121**	**2.1**	**2,315**	**0.8**
5540 primary wood prod.	949	0.1	97	0.0	39,121	2.1	2,315	0.8
Total food and farm products	**875,030**	**2.4**	**1,535,922**	**1.0**	**1,649,587**	**4.4**	**8,266,134**	**5.1**
Subtotal fish	**37,474**	**2.0**	**7,980**	**0.8**	**54,342**	**3.0**	**2,116**	**0.2**
6134 fish (not shellfish)	22,177	2.5	7,777	0.9	43,936	4.9	1,667	0.2
6136 shellfish	15,297	1.6	203	0.1	10,406	1.1	449	0.3
Subtotal grain	**641,283**	**34.9**	**715,331**	**0.9**	**2,698**	**0.1**	**6,207,851**	**8.2**
6241 wheat	363,713	54.3	362,104	1.6	2,450	0.4	1,302,283	5.7
6344 corn	10,150	13.7	353,125	0.8	239	0.3	3,105,274	6.6
6442 rice	130	0.0	102	0.0	8	0.0	493,006	16.4
6443 barley & rye	124,630	71.0	—	—	1	0.0	—	—
6445 oats	142,660	67.1	—	—	—	—	135	8.0
6447 sorghum grains	—	—	—	—	—	—	1,307,153	49.6
Subtotal oilseeds	**223**	**0.1**	**735,311**	**1.5**	**1,738**	**0.6**	**1,505,005**	**3.1**
6521 peanuts	4	0.0	—	—	365	1.5	3	0.0
6522 soybeans	67	0.0	735,302	1.7	251	0.2	1,442,210	3.4
6534 flaxseed	2	0.1	—	—	65	3.8	96	0.9
6590 oilseeds nec	150	0.1	9	0.0	1,057	0.7	62,696	1.0
Subtotal vegetable products	**138,984**	**2.8**	**33,246**	**0.8**	**78,103**	**1.6**	**79,902**	**1.8**
6653 vegetable oils	24,730	1.0	32,994	1.7	2,600	0.1	45,973	2.4
6654 vegetables & prod.	114,254	4.3	252	0.0	75,503	2.8	33,929	1.4
Subtotal processed grain and animal feed	**13,789**	**2.1**	**491**	**0.0**	**13,607**	**2.0**	**239,549**	**2.0**
6746 wheat flour	10,200	22.8	21	0.0	4,349	9.7	—	—
6747 grain mill products	2,011	0.5	214	0.0	5,321	1.4	212,746	4.8
6781 hay & fodder	46	0.5	21	0.0	2,403	24.1	2,728	0.1
6782 animal feed, prep.	1,532	0.6	235	0.0	1,534	0.6	24,075	0.6
Subtotal other agricultural products	**43,277**	**0.2**	**43,563**	**0.2**	**1,499,099**	**5.5**	**231,711**	**1.2**
6811 meat, fresh, frozen	14,163	1.7	515	0.0	12,479	1.5	1,118	0.0
6817 meat, prepared	8,168	7.8	—	—	781	0.7	122	0.0
6822 dairy products	597	0.2	61	0.0	3,373	1.0	17,494	3.5
6835 fish, prepared	4,285	1.2	20	0.0	9,876	2.7	400	0.3
6838 tallow, animal oils	3,282	8.2	3,305	0.4	1,056	2.6	150,787	19.0
6839 animals & prod. nec	573	0.5	278	0.0	382	0.4	6,766	0.6
6856 bananas & plantains	116	0.0	40	0.3	2,579	0.1	55	0.4
6857 fruit & nuts nec	1,335	0.0	848	0.0	93,435	2.5	18,347	0.7
6858 fruit juices	757	0.0	111	0.0	36,885	1.3	1,905	0.4
6861 sugar	—	—	19	0.0	320,894	16.5	51	0.1
6865 molasses	3	0.0	—	—	46,362	4.6	5,194	3.1
6871 coffee	90	0.0	367	0.1	83,387	5.6	82	0.0
6872 cocoa beans	—	—	—	—	175	0.0	2,606	21.5

Table 1-13: WATERBORNE TRADE WITH NAFTA PARTNERS, 2009 (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	%
6885 alcoholic beverages	1,018	0.0	36,260	3.8	483,380	9.9	5,845	0.6
6888 water & ice	8	0.0	8	0.0	3	0.0	566	0.3
6889 food products nec	8,718	0.3	1,236	0.0	396,030	13.7	14,696	0.5
6891 tobacco & products	—	—	95	0.0	36	0.0	2,148	0.8
6893 cotton	5	0.0	343	0.0	5,885	13.2	1,866	0.1
6894 natural fibers nec	—	—	—	—	32	0.0	259	0.8
6899 farm products nec	159	0.1	57	0.0	2,069	1.6	1,404	0.3
Total all manufactured equipment, machinery and products	**103,621**	**0.2**	**122,874**	**0.7**	**310,089**	**0.5**	**206,435**	**1.1**
7110 machinery (not elec)	35,635	0.6	722	0.0	15,820	0.3	32,470	0.9
7120 electrical machinery	7,860	0.1	116,335	5.8	12,958	0.2	19,320	1.0
7210 vehicles & parts	1,144	0.0	366	0.0	127,278	1.7	10,825	0.3
7220 aircraft & parts	7	0.0	5	0.0	54	0.1	170	0.4
7230 ships & boats	17,580	6.3	1,391	0.9	2,020	0.7	10,360	6.9
7300 ordnance & access.	—	—	—	—	—	—	—	—
7400 manufac. wood prod.	11,307	1.2	99	0.0	5,295	0.6	18,092	1.6
7500 textile products	6,473	0.1	102	0.0	77,920	0.8	72,911	2.8
7600 rubber & plastic pr.	6,558	0.1	282	0.0	28,227	0.5	14,078	0.6
7900 manufac. prod. nec	17,057	0.1	3,572	0.2	40,517	0.2	28,209	1.3
Total unknown or not elsewhere classified	**36,134**	**1.0**	**2,181**	**0.1**	**12,633**	**0.3**	**23,084**	**0.6**
9900 unknown or nec	36,134	1.0	2,181	0.1	12,633	0.3	23,084	0.6

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
2000	2,424,589	2003	2,394,252	2006	2,588,440	**2009**	**2,210,752**
2001	2,386,558	2004	2,551,939	2007	2,563,972		
2002	2,340,292	2005	2,527,622	2008	2,477,094		

Freight Traffic, 2009 (thousand short tons)

Commodity	Grand Total	Foreign		Domestic					
		Inbound	Outbound	Total	Coastwise	Lakewise	Internal	Intraport	Intra-Territory
Total, all commodities	**2,210,752**	**858,914**	**494,753**	**857,085**	**167,742**	**63,216**	**522,492**	**98,984**	**4,651**
Total coal	**290,976**	**22,877**	**57,371**	**210,728**	**9,154**	**19,138**	**161,737**	**20,699**	**—-**
1100 coal & lignite	285,742	22,589	56,356	206,797	9,154	18,753	158,480	20,409	—-
1200 coal coke	5,234	287	1,015	3,931	—-	384	3,258	289	—-
Total petroleum and petroleum products	**1,016,431**	**582,191**	**114,530**	**319,710**	**123,863**	**626**	**145,731**	**45,008**	**4,483**
Subtotal crude petroleum	**515,329**	**451,125**	**—-**	**64,204**	**35,244**	**—-**	**27,955**	**1,005**	**—-**
2100 crude petroleum	515,329	451,125	—-	64,204	35,244	—-	27,955	1,005	—-
Subtotal petroleum products	**501,102**	**131,066**	**114,530**	**255,506**	**88,619**	**626**	**117,776**	**44,002**	**4,483**
2211 gasoline	143,558	50,560	24,573	68,425	36,726	127	24,642	5,523	1,406
2221 kerosene	4,284	245	1,376	2,663	1,314	—-	400	442	507
2330 distillate fuel oil	170,976	55,663	39,584	75,729	28,995	78	34,954	10,811	891
2340 residual fuel oil	81,336	4,648	7,681	69,006	16,148	31	28,606	22,545	1,676
2350 lube oil & greases	6,683	316	1,137	5,230	664	—-	4,177	386	3
2410 petro. jelly & waxes	507	267	142	99	0	—-	97	2	—-
2429 naphtha & solvents	18,489	3,729	2,978	11,782	992	—-	8,549	2,240	—-
2430 asphalt, tar & pitch	10,755	259	972	9,523	1,943	373	6,242	965	—-
2540 petroleum coke	43,106	2,364	32,720	8,022	1,303	15	6,240	463	—-
2640 hydrocarbon & petrol gases, liquefied and gaseous	18,103	13,014	3,367	1,722	145	1	1,498	77	—-
2990 petro. products nec	3,306	—-	—-	3,306	388	—-	2,370	548	—-
Total chemicals and related products	**154,929**	**36,834**	**55,900**	**62,196**	**9,448**	**5**	**42,462**	**10,281**	**—-**
Subtotal fertilizers	**27,352**	**5,160**	**10,858**	**11,333**	**698**	**—-**	**10,429**	**206**	**—-**
3110 nitrogenous fert.	12,949	4,397	1,552	7,000	522	—-	6,380	98	—-
3120 phosphatic fert.	770	77	10	683	0	—-	681	2	—-
3130 potassic fert.	3,131	459	1,686	986	0	—-	944	42	—-
3190 fert. & mixes nec	10,502	228	7,609	2,664	176	—-	2,423	65	—-
Subtotal other chemicals and related products	**127,577**	**31,674**	**45,041**	**50,863**	**8,750**	**5**	**32,033**	**10,075**	**—-**
3211 acyclic hydrocarbons	4,454	1,309	917	2,228	99	—-	2,030	99	—-
3212 benzene & toluene	10,749	2,038	335	8,375	320	—-	5,775	2,280	—-
3219 other hydrocarbons	14,602	836	5,458	8,307	938	—-	6,360	1,010	—-
3220 alcohols	22,726	7,613	2,685	12,428	3,604	—-	6,352	2,472	—-
3230 carboxylic acids	5,659	977	3,208	1,473	38	—-	693	743	—-
3240 nitrogen func. comp.	3,209	541	1,715	952	7	—-	945	—-	—-
3250 organo - inorg. comp.	863	333	522	8	1	—-	2	5	—-
3260 organic comp. nec	5,830	746	3,987	1,097	139	—-	726	231	—-
3271 sulphur (liquid)	4,898	542	34	4,322	2,467	—-	942	913	—-
3272 sulphuric acid	2,751	806	65	1,879	38	—-	1,537	304	—-
3273 ammonia	6,468	5,060	12	1,396	0	—-	1,334	62	—-
3274 sodium hydroxide	10,579	1,911	3,957	4,711	815	—-	3,229	667	—-

Table 2-1: SUMMARY OF FOREIGN AND DOMESTIC WATERBORNE COMMERCE
BY TYPE OF TRAFFIC AND COMMODITY
Freight Traffic, 2009 - continued

Commodity	Grand Total	Foreign		Domestic					
		Inbound	Outbound	Total	Coastwise	Lakewise	Internal	Intraport	Intra-Territory
3275 inorg. elem., oxides, & halogen salts	5,314	1,146	2,102	2,066	14	—	1,265	787	—
3276 metallic salts	7,093	1,510	5,009	574	6	5	453	110	—
3279 inorganic chem. nec	468	137	286	44	1	—	44	—	—
3281 radioactive material	69	28	41	—	—	—	—	—	—
3282 pigments & paints	906	279	576	51	50	—	1	0	—
3283 coloring mat. nec	209	112	97	0	0	—	—	—	—
3284 medicines	570	255	310	5	5	—	—	—	—
3285 perfumes & cleansers	1,618	747	835	36	31	—	5	—	—
3286 plastics	13,565	3,044	10,423	98	17	—	81	0	—
3291 pesticides	357	208	146	3	3	—	—	—	—
3292 starches, gluten, glue	1,186	542	641	3	3	—	—	—	—
3293 explosives	121	111	8	3	0	—	3	0	—
3297 chemical additives	1,171	141	606	424	19	—	32	373	—
3298 wood & resin chem.	219	71	135	14	0	—	11	2	—
3299 chem. products nec	1,923	628	930	365	134	—	215	16	—
Total crude materials, inedible except fuels*	**280,909**	**74,595**	**63,344**	**142,970**	**8,763**	**40,072**	**74,665**	**19,463**	**6**
Subtotal forest products, wood and chips	**16,872**	**3,629**	**8,274**	**4,968**	**1,085**	**0**	**3,460**	**423**	**—**
4110 rubber & gums	666	635	20	12	—	—	12	—	—
4150 fuel wood	498	66	294	138	0	—	137	1	—
4161 wood chips	4,530	36	1,597	2,897	417	—	2,413	68	—
4170 wood in the rough	5,390	504	3,541	1,345	124	0	868	352	—
4189 lumber	5,339	2,048	2,740	551	535	0	15	2	—
4190 forest products nec	448	341	82	25	9	0	16	0	—
Subtotal pulp and waste paper	**21,826**	**1,625**	**20,199**	**2**	**2**	**—**	**0**	**—**	**—**
4225 pulp & waste paper	21,826	1,625	20,199	2	2	—	0	—	—
Subtotal soil, sand, gravel, rock and stone*	**120,872**	**28,459**	**3,021**	**89,392**	**6,880**	**16,244**	**49,337**	**16,931**	**—**
4310 building stone	1,146	1,098	47	0	0	0	0	—	—
4322 limestone	56,222	13,811	2,414	39,997	1,510	15,616	18,666	4,205	—
4323 gypsum	7,017	4,484	23	2,510	2	103	1,942	462	—
4327 phosphate rock	4,604	2,177	—	2,427	2,427	—	—	—	—
4331 sand & gravel	51,871	6,889	537	44,445	2,935	525	28,722	12,264	—
4338 soil & fill dirt	13	—	—	13	6	0	7	—	—
Subtotal iron ore and scrap	**59,957**	**6,057**	**23,606**	**30,294**	**173**	**22,450**	**6,004**	**1,667**	**0**
4410 iron ore	34,555	4,994	5,323	24,238	0	22,431	991	816	—
4420 iron & steel scrap	25,402	1,064	18,282	6,056	173	19	5,013	851	0
Subtotal marine shells	**42**	**6**	**1**	**34**	**0**	**—**	**34**	**—**	**—**
4515 marine shells	42	6	1	34	0	—	34	—	—
Subtotal non-ferrous ores and scrap	**20,845**	**12,879**	**2,485**	**5,480**	**561**	**—**	**4,908**	**11**	**0**
4630 copper ore	425	2	420	3	3	—	0	—	—
4650 aluminum ore	15,395	11,357	1,018	3,019	557	—	2,461	1	—
4670 manganese ore	731	271	2	458	0	—	448	10	—
4680 non-ferrous scrap	922	233	676	12	0	—	12	—	0
4690 non-ferrous ores nec	3,373	1,016	369	1,988	—	—	1,988	—	—
Subtotal sulphur, clay and salt	**6,355**	**1,074**	**4,738**	**543**	**4**	**—**	**506**	**27**	**6**
4741 sulphur, (dry)	2,588	300	2,282	6	0	—	—	—	6
4782 clay & refrac. mat.	3,766	774	2,456	537	4	—	506	27	—

* 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, 2009 - continued

Commodity	Grand Total	Foreign		Domestic					
		Inbound	Outbound	Total	Coastwise	Lakewise	Internal	Intraport	Intra-Territory
Subtotal slag	**3,285**	**1,706**	**151**	**1,428**	**10**	**319**	**926**	**173**	**—-**
4860 slag	3,285	1,706	151	1,428	10	319	926	173	—-
Subtotal other non-metal. min.	**30,856**	**19,158**	**870**	**10,828**	**47**	**1,059**	**9,490**	**231**	**—-**
4900 non-metal. min. nec	30,856	19,158	870	10,828	47	1,059	9,490	231	—-
Total primary manufactured goods	**89,637**	**44,250**	**21,197**	**24,190**	**5,210**	**3,021**	**15,033**	**927**	**0**
Subtotal paper products	**12,262**	**4,843**	**7,271**	**148**	**128**	**—-**	**20**	**0**	**—-**
5110 newsprint	727	350	374	3	3	—-	0	—-	—-
5120 paper & paperboard	8,923	3,077	5,837	9	7	—-	2	—-	—-
5190 paper products nec	2,611	1,416	1,060	135	118	—-	17	0	—-
Subtotal lime, cement and glass	**24,896**	**11,321**	**1,218**	**12,358**	**1,273**	**2,994**	**7,298**	**792**	**—-**
5210 lime	2,155	12	26	2,117	12	86	1,854	164	—-
5220 cement & concrete	15,888	5,815	237	9,836	1,148	2,908	5,158	622	—-
5240 glass & glass prod.	1,936	1,353	568	16	6	—-	10	0	—-
5290 misc. mineral prod.	4,917	4,141	388	389	106	0	276	6	—-
Subtotal primary iron and steel products	**24,966**	**14,942**	**3,334**	**6,689**	**56**	**11**	**6,596**	**26**	**—-**
5312 pig iron	6,085	3,500	59	2,527	13	9	2,495	10	—-
5315 ferro alloys	1,299	599	66	634	—-	—-	634	—-	—-
5320 i&s primary forms	5,544	3,401	1,959	184	—-	—-	184	—-	—-
5330 i&s plates & sheets	3,858	2,189	411	1,258	1	1	1,253	3	—-
5360 i&s bars & shapes	2,094	1,377	310	407	27	—-	378	2	—-
5370 i&s pipe & tube	5,180	3,501	464	1,214	14	0	1,198	2	—-
5390 primary i&s nec	906	375	66	466	1	2	454	9	—-
Subtotal primary non-ferrous metal products	**25,332**	**11,314**	**9,081**	**4,937**	**3,700**	**15**	**1,113**	**109**	**0**
5421 copper	1,046	920	126	0	0	—-	0	—-	—-
5422 aluminum	2,333	1,848	314	170	1	—-	169	—-	—-
5429 smelted prod. nec	7,363	579	6,767	17	—-	—-	17	—-	—-
5480 fab. metal products	14,589	7,967	1,873	4,750	3,699	15	927	109	0
Subtotal primary wood products	**2,182**	**1,830**	**294**	**58**	**53**	**—-**	**5**	**0**	**—-**
5540 primary wood prod.	2,182	1,830	294	58	53	—-	5	0	—-
Total food and farm products**	**279,028**	**37,088**	**160,703**	**81,237**	**4,711**	**310**	**74,994**	**1,222**	**0**
Subtotal fish**	**2,923**	**1,837**	**982**	**104**	**104**	**0**	**—-**	**—-**	**—-**
6134 fish (not shellfish)	1,837	902	839	96	96	0	—-	—-	—-
6136 shellfish	1,085	935	143	8	8	—-	—-	—-	—-
Subtotal grain	**121,610**	**1,837**	**75,357**	**44,416**	**184**	**310**	**43,448**	**474**	**—-**
6241 wheat	32,535	670	22,947	8,918	125	65	8,615	113	—-
6344 corn	79,695	74	46,732	32,888	1	2	32,549	337	—-
6442 rice	5,479	704	2,999	1,776	58	—-	1,705	13	—-
6443 barley & rye	322	176	45	102	—-	—-	102	—-	—-
6445 oats	218	213	2	4	—-	—-	4	—-	—-
6447 sorghum grains	3,361	0	2,633	727	—-	243	473	12	—-
Subtotal oilseeds	**74,847**	**311**	**49,049**	**25,487**	**5**	**—-**	**25,085**	**398**	**—-**
6521 peanuts	99	24	76	—-	—-	—-	—-	—-	—-
6522 soybeans	65,010	135	42,704	22,172	0	—-	21,825	346	—-
6534 flaxseed	12	2	11	—-	—-	—-	—-	—-	—-
6590 oilseeds nec	9,725	151	6,259	3,316	5	—-	3,259	52	—-
Subtotal vegetable products	**10,746**	**5,029**	**4,393**	**1,325**	**200**	**—-**	**1,010**	**115**	**—-**
6653 vegetable oils	5,236	2,367	1,920	949	15	—-	821	113	—-
6654 vegetables & prod.	5,510	2,661	2,473	375	185	—-	189	1	—-

** Does not include fish landings.

Table 2-1: SUMMARY OF FOREIGN AND DOMESTIC WATERBORNE COMMERCE
BY TYPE OF TRAFFIC AND COMMODITY
Freight Traffic, 2009 - continued

Commodity	Grand Total	Foreign		Domestic					
		Inbound	Outbound	Total	Coastwise	Lakewise	Internal	Intraport	Intra-Territory
Subtotal processed grain and animal feed	**17,410**	**668**	**12,149**	**4,593**	**675**	**—-**	**3,846**	**72**	**—-**
6746 wheat flour	136	45	87	4	4	—-	—-	—-	—-
6747 grain mill products	5,533	373	4,388	772	585	—-	188	—-	—-
6781 hay & fodder	3,742	10	3,701	31	2	—-	28	—-	—-
6782 animal feed, prep.	7,998	240	3,972	3,786	84	—-	3,630	72	—-
Subtotal other agricultural products	**51,493**	**27,407**	**18,774**	**5,312**	**3,544**	**0**	**1,606**	**162**	**0**
6811 meat, fresh, frozen	5,733	856	4,709	169	169	—-	—-	—-	—-
6817 meat, prepared	361	104	253	4	4	—-	—-	—-	—-
6822 dairy products	835	334	493	7	7	—-	—-	—-	—-
6835 fish, prepared	705	363	119	223	174	—-	49	—-	—-
6838 tallow, animal oils	891	40	795	56	3	—-	11	43	—-
6839 animals & prod. nec	1,249	106	1,120	23	23	—-	—-	—-	0
6856 bananas & plantains	5,063	5,049	13	1	1	—-	—-	—-	—-
6857 fruit & nuts nec	6,409	3,724	2,670	15	15	—-	—-	—-	—-
6858 fruit juices	3,365	2,844	485	37	37	—-	—-	—-	—-
6861 sugar	3,433	1,946	38	1,448	674	—-	774	—-	—-
6865 molasses	1,500	1,003	168	329	55	—-	268	6	—-
6871 coffee	1,992	1,478	508	6	6	—-	—-	—-	—-
6872 cocoa beans	708	695	12	0	—-	—-	0	—-	—-
6885 alcoholic beverages	6,179	4,896	961	322	237	—-	85	0	—-
6887 groceries	841	—-	—-	841	775	0	66	0	—-
6888 water & ice	1,242	595	215	432	18	—-	301	113	—-
6889 food products nec	7,378	2,883	3,133	1,361	1,309	0	51	0	—-
6891 tobacco & products	509	251	256	2	2	—-	—-	—-	—-
6893 cotton	2,282	45	2,237	0	0	—-	—-	—-	—-
6894 natural fibers nec	100	68	33	—-	—-	—-	—-	—-	—-
6899 farm products nec	718	128	554	36	36	—-	1	—-	—-
Total all manufactured equipment, machinery and products	**89,581**	**57,298**	**18,138**	**14,146**	**6,503**	**21**	**6,845**	**617**	**160**
7110 machinery (not elec)	15,262	5,785	3,651	5,827	194	1	5,572	34	25
7120 electrical machinery	10,491	8,339	2,013	139	70	—-	66	3	—-
7210 vehicles & parts	11,934	7,480	3,979	476	444	1	26	4	—-
7220 aircraft & parts	95	49	39	7	0	—-	7	0	—-
7230 ships & boats	434	279	151	5	3	0	2	0	—-
7300 ordnance & access.	105	47	16	41	41	—-	0	—-	—-
7400 manufac. wood prod.	2,521	908	1,120	493	442	0	33	17	—-
7500 textile products	12,099	9,502	2,578	20	6	1	12	0	—-
7600 rubber & plastic pr.	8,218	5,767	2,403	49	20	—-	29	0	—-
7900 manufac. prod. nec	28,421	19,141	2,189	7,091	5,282	17	1,097	559	135
Total waste and scrap nec	**1,805**	**—-**	**—-**	**1,805**	**18**	**0**	**1,019**	**768**	**—-**
8900 waste and scrap nec	1,805	—-	—-	1,805	18	0	1,019	768	—-
Total unknown or not elsewhere classified	**7,454**	**3,782**	**3,570**	**102**	**73**	**23**	**5**	**—-**	**1**
9900 unknown or nec	7,454	3,782	3,570	102	73	23	5	—-	1

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
2000	645,799	2003	606,146	2006	561,629	**2009**	**477,122**
2001	621,686	2004	621,170	2007	553,151		
2002	612,081	2005	591,277	2008	520,521		

Freight Traffic, 2009 (million short ton-miles)

	Commodity	Grand Total	Coastwise	Lakewise	Internal	Intraport
	Total, all commodities	**477,122**	**196,290**	**33,509**	**244,995**	**2,327**
	Total coal	**77,971**	**5,639**	**10,884**	**60,307**	**1,141**
1100	coal & lignite	76,110	5,639	10,620	58,723	1,127
1200	coal coke	1,861	—-	264	1,584	14
	Total petroleum and petroleum products	**186,813**	**149,005**	**216**	**37,076**	**516**
	Subtotal crude petroleum	**65,069**	**60,907**	**—-**	**4,147**	**16**
2100	crude petroleum	65,069	60,907	—-	4,147	16
	Subtotal petroleum products	**121,744**	**88,098**	**216**	**32,929**	**500**
2211	gasoline	37,717	32,564	41	5,013	99
2221	kerosene	2,180	2,127	—-	48	5
2330	distillate fuel oil	38,493	28,797	32	9,505	159
2340	residual fuel oil	22,214	17,189	19	4,817	189
2350	lube oil & greases	3,947	1,067	—-	2,877	3
2410	petro. jelly & waxes	64	0	—-	64	0
2429	naphtha & solvents	3,847	1,306	—-	2,525	16
2430	asphalt, tar & pitch	4,297	1,666	116	2,499	16
2540	petroleum coke	5,611	1,665	8	3,928	10
2640	hydrocarbon & petrol gases, liquefied and gaseous	639	107	0	532	0
2990	petro. products nec	2,735	1,609	—-	1,122	3
	Total chemicals and related products	**36,316**	**10,426**	**3**	**25,757**	**129**
	Subtotal fertilizers	**10,061**	**825**	**—-**	**9,231**	**4**
3110	nitrogenous fert.	6,598	544	—-	6,053	2
3120	phosphatic fert.	106	0	—-	105	0
3130	potassic fert.	687	0	—-	686	1
3190	fert. & mixes nec	2,669	281	—-	2,387	1
	Subtotal other chemicals and related products	**26,256**	**9,602**	**3**	**16,526**	**125**
3211	acyclic hydrocarbons	890	192	—-	697	1
3212	benzene & toluene	2,287	799	—-	1,452	36
3219	other hydrocarbons	5,841	1,362	—-	4,463	16
3220	alcohols	6,307	2,266	—-	4,011	30
3230	carboxylic acids	451	92	—-	353	6
3240	nitrogen func. comp.	504	14	—-	490	—-
3250	organo - inorg. comp.	2	2	—-	0	0
3260	organic comp. nec	713	249	—-	462	2
3271	sulphur (liquid)	2,542	2,460	—-	77	5
3272	sulphuric acid	331	74	—-	248	9
3273	ammonia	1,023	0	—-	1,020	3
3274	sodium hydroxide	3,548	1,465	—-	2,074	9
3275	inorg. elem., oxides, & halogen salts	774	24	—-	744	5
3276	metallic salts	246	4	3	237	1
3279	inorganic chem. nec	62	1	—-	61	—-
3282	pigments & paints	85	84	—-	1	0
3283	coloring mat. nec	0	0	—-	—-	—-
3284	medicines	6	6	—-	—-	—-
3285	perfumes & cleansers	78	78	—-	0	—-
3286	plastics	48	41	—-	7	0
3291	pesticides	4	4	—-	—-	—-
3292	starches, gluten, glue	4	4	—-	—-	—-
3293	explosives	1	0	—-	1	0
3297	chemical additives	27	18	—-	6	3
3298	wood & resin chem.	0	0	—-	0	0
3299	chem. products nec	482	360	—-	122	0
	Total crude materials, inedible except fuels*	**64,646**	**5,168**	**21,013**	**38,024**	**441**
	Subtotal forest products, wood and chips	**2,108**	**1,187**	**0**	**915**	**6**
4110	rubber & gums	11	—-	—-	11	—-
4150	fuel wood	41	0	—-	41	0
4161	wood chips	896	132	—-	759	5

* 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, 2009 - continued

	Commodity	Grand Total	Coastwise	Lakewise	Internal	Intraport
4170	wood in the rough	140	55	0	85	1
4189	lumber	990	984	0	6	0
4190	forest products nec	30	15	0	15	0
	Subtotal pulp and waste paper	**1**	**1**	**—-**	**0**	**—-**
4225	pulp & waste paper	1	1	—-	0	—-
	Subtotal soil, sand, gravel, rock and stone*	**24,579**	**3,250**	**5,325**	**15,596**	**408**
4310	building stone	0	0	0	0	—-
4322	limestone	15,020	664	5,123	8,955	278
4323	gypsum	670	3	44	614	10
4327	phosphate rock	2,121	2,121	—-	—-	—-
4331	sand & gravel	6,766	462	157	6,026	120
4338	soil & fill dirt	2	1	0	1	—-
	Subtotal iron ore and scrap	**19,878**	**115**	**15,184**	**4,561**	**19**
4410	iron ore	16,183	0	15,182	1,000	1
4420	iron & steel scrap	3,695	115	2	3,561	17
	Subtotal marine shells	**7**	**0**	**—-**	**7**	**—-**
4515	marine shells	7	0	—-	7	—-
	Subtotal non-ferrous ores and scrap	**4,647**	**449**	**—-**	**4,199**	**0**
4630	copper ore	4	4	—-	0	—-
4650	aluminum ore	3,297	444	—-	2,853	0
4670	manganese ore	624	0	—-	624	0
4680	non-ferrous scrap	4	0	—-	4	—-
4690	non-ferrous ores nec	717	—-	—-	717	—-
	Subtotal sulphur, clay and salt	**323**	**1**	**—-**	**322**	**0**
4741	sulphur, (dry)	0	0	—-	—-	—-
4782	clay & refrac. mat.	323	1	—-	322	0
	Subtotal slag	**945**	**15**	**81**	**842**	**7**
4860	slag	945	15	81	842	7
	Subtotal other non-metal. min.	**12,158**	**150**	**424**	**11,583**	**1**
4900	non-metal. min. nec	12,158	150	424	11,583	1
	Total primary manufactured goods	**13,965**	**2,616**	**1,088**	**10,209**	**52**
	Subtotal paper products	**354**	**344**	**—-**	**10**	**0**
5110	newsprint	6	5	—-	0	—-
5120	paper & paperboard	12	10	—-	2	—-
5190	paper products nec	336	329	—-	7	0
	Subtotal lime, cement and glass	**5,291**	**879**	**1,076**	**3,286**	**50**
5210	lime	716	44	18	649	5
5220	cement & concrete	4,259	577	1,058	2,580	44
5240	glass & glass prod.	22	12	—-	10	0
5290	misc. mineral prod.	294	246	0	47	0
	Subtotal primary iron and steel products	**6,277**	**138**	**3**	**6,134**	**1**
5312	pig iron	2,654	8	3	2,642	0
5315	ferro alloys	860	—-	—-	860	—-
5320	i&s primary forms	127	—-	—-	127	—-
5330	i&s plates & sheets	1,253	2	0	1,251	0
5360	i&s bars & shapes	505	87	—-	417	0
5370	i&s pipe & tube	479	40	0	440	0
5390	primary i&s nec	400	1	0	397	1
	Subtotal primary non-ferrous metal products	**1,883**	**1,098**	**8**	**775**	**1**
5421	copper	0	0	—-	0	—-
5422	aluminum	176	1	—-	175	—-
5429	smelted prod. nec	22	—-	—-	22	—-
5480	fab. metal products	1,684	1,096	8	579	1
	Subtotal primary wood products	**161**	**157**	**—-**	**4**	**0**
5540	primary wood prod.	161	157	—-	4	0
	Total food and farm products**	**82,488**	**9,512**	**303**	**72,639**	**33**
	Subtotal fish**	**230**	**230**	**0**	**—-**	**—-**
6134	fish (not shellfish)	211	211	0	—-	—-
6136	shellfish	19	19	—-	—-	—-
	Subtotal grain	**43,086**	**373**	**303**	**42,402**	**7**
6241	wheat	5,009	204	64	4,740	2
6344	corn	36,317	1	0	36,311	5
6442	rice	1,157	168	—-	988	0
6443	barley & rye	52	—-	—-	52	—-
6445	oats	0	—-	—-	0	—-
6447	sorghum grains	550	—-	239	310	0
	Subtotal oilseeds	**24,701**	**6**	**—-**	**24,672**	**23**
6522	soybeans	21,310	0	—-	21,287	22
6590	oilseeds nec	3,392	6	—-	3,385	1
	Subtotal vegetable products	**1,272**	**431**	**—-**	**839**	**1**
6653	vegetable oils	810	21	—-	787	1

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

** Ton-miles not computed for fish landings.

Table 2-2: SUMMARY OF WATERBORNE COMMERCE TON-MILES
BY TYPE OF TRAFFIC AND COMMODITY
Freight Traffic, 2009 - continued

Commodity		Grand Total	Coastwise	Lakewise	Internal	Intraport
6654	vegetables & prod.	462	410	—-	52	0
Subtotal processed grain and animal feed		**5,347**	**1,394**	**—-**	**3,952**	**1**
6746	wheat flour	5	5	—-	—-	—-
6747	grain mill products	1,326	1,152	—-	175	—-
6781	hay & fodder	9	4	—-	5	—-
6782	animal feed, prep.	4,006	233	—-	3,772	1
Subtotal other agricultural products		**7,852**	**7,077**	**0**	**774**	**1**
6811	meat, fresh, frozen	350	350	—-	—-	—-
6817	meat, prepared	5	5	—-	—-	—-
6822	dairy products	10	10	—-	—-	—-
6835	fish, prepared	939	909	—-	30	—-
6838	tallow, animal oils	10	7	—-	3	0
6839	animals & prod. nec	34	34	—-	—-	—-
6856	bananas & plantains	5	5	—-	—-	—-
6857	fruit & nuts nec	37	37	—-	—-	—-
6858	fruit juices	48	48	—-	—-	—-
6861	sugar	1,092	808	—-	283	—-
6865	molasses	349	82	—-	267	0
6871	coffee	11	11	—-	—-	—-
6872	cocoa beans	0	—-	—-	0	—-
6885	alcoholic beverages	678	586	—-	92	0
6887	groceries	1,227	1,176	0	51	0
6888	water & ice	11	5	—-	5	1
6889	food products nec	2,961	2,919	0	42	0
6891	tobacco & products	5	5	—-	—-	—-
6893	cotton	0	0	—-	—-	—-
6899	farm products nec	80	80	—-	0	—-
Total all manufactured equipment, machinery and products		**14,449**	**13,648**	**0**	**795**	**7**
7110	machinery (not elec)	500	386	0	114	0
7120	electrical machinery	241	137	—-	104	0
7210	vehicles & parts	898	879	0	19	0
7220	aircraft & parts	0	0	—-	0	0
7230	ships & boats	8	6	0	2	0
7300	ordnance & access.	163	163	—-	0	—-
7400	manufac. wood prod.	1,152	1,139	0	13	0
7500	textile products	23	9	0	14	0
7600	rubber & plastic pr.	71	42	—-	29	0
7900	manufac. prod. nec	11,393	10,886	0	501	6
Total waste and scrap nec		**203**	**7**	**0**	**187**	**9**
8900	waste and scrap nec	203	7	0	187	9
Total unknown or not elsewhere classified		**270**	**269**	**1**	**0**	**—-**
9900	unknown or nec	270	269	1	0	—-
Ton-miles (x1000)		**477,122**	**196,290**	**33,509**	**244,995**	**2,327**

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
2000	811,047	2003	798,740	2006	818,150	**2009**	**701,482**
2001	806,346	2004	817,908	2007	819,082		
2002	798,935	2005	813,182	2008	767,457		

Freight Traffic, 2009 (thousand short tons)

Commodity	Barge-Traffic						Domestic	
	Total	Coastwise	Lakewise	Internal	Intraport	Intra-Territory	%-Barge	Traffic
Total, all commodities	**701,482**	**81,097**	**11,866**	**509,953**	**96,667**	**1,900**	**81.8**	**857,085**
Total coal	**190,675**	**8,036**	**547**	**161,393**	**20,699**	**—-**	**90.5**	**210,728**
1100 coal & lignite	187,117	8,036	536	158,135	20,409	—-	90.5	206,797
1200 coal coke	3,558	—-	11	3,258	289	—-	90.5	3,931
Total petroleum and petroleum products	**236,046**	**48,971**	**605**	**140,213**	**44,357**	**1,900**	**73.8**	**319,710**
Subtotal crude petroleum	**24,723**	**608**	**—-**	**23,109**	**1,005**	**—-**	**38.5**	**64,204**
2100 crude petroleum	24,723	608	—-	23,109	1,005	—-	38.5	64,204
Subtotal petroleum products	**211,323**	**48,363**	**605**	**117,104**	**43,351**	**1,900**	**82.7**	**255,506**
2211 gasoline	48,149	18,309	125	24,401	5,313	—-	70.4	68,425
2221 kerosene	973	131	—-	400	442	—-	36.5	2,663
2330 distillate fuel oil	59,977	14,411	75	34,588	10,517	386	79.2	75,729
2340 residual fuel oil	64,036	11,465	31	28,564	22,462	1,514	92.8	69,006
2350 lube oil & greases	5,089	559	—-	4,173	358	—-	97.3	5,230
2410 petro. jelly & waxes	99	—-	—-	97	2	—-	100.0	99
2429 naphtha & solvents	11,406	669	—-	8,531	2,206	—-	96.8	11,782
2430 asphalt, tar & pitch	9,429	1,849	373	6,242	965	—-	99.0	9,523
2540 petroleum coke	7,464	761	—-	6,240	463	—-	93.0	8,022
2640 hydrocarbon & petrol gases, liquefied and gaseous	1,707	132	—-	1,498	77	—-	99.2	1,722
2990 petro. products nec	2,992	76	—-	2,370	546	—-	90.5	3,306
Total chemicals and related products	**59,274**	**6,819**	**5**	**42,406**	**10,043**	**—-**	**95.3**	**62,196**
Subtotal fertilizers	**11,221**	**586**	**—-**	**10,429**	**206**	**—-**	**99.0**	**11,333**
3110 nitrogenous fert.	6,942	464	—-	6,380	98	—-	99.2	7,000
3120 phosphatic fert.	682	—-	—-	681	2	—-	100.0	683
3130 potassic fert.	986	0	—-	944	42	—-	100.0	986
3190 fert. & mixes nec	2,610	122	—-	2,423	65	—-	98.0	2,664
Subtotal other chemicals and related products	**48,052**	**6,233**	**5**	**31,977**	**9,837**	**—-**	**94.5**	**50,863**
3211 acyclic hydrocarbons	2,155	32	—-	2,026	98	—-	96.7	2,228
3212 benzene & toluene	8,076	24	—-	5,775	2,278	—-	96.4	8,375
3219 other hydrocarbons	8,230	860	—-	6,360	1,010	—-	99.1	8,307
3220 alcohols	11,900	3,328	—-	6,334	2,237	—-	95.8	12,428
3230 carboxylic acids	1,436	1	—-	693	743	—-	97.5	1,473
3240 nitrogen func. comp.	946	1	—-	945	—-	—-	99.4	952
3250 organo - inorg. comp.	7	0	—-	2	5	—-	87.4	8
3260 organic comp. nec	1,010	52	—-	726	231	—-	92.1	1,097
3271 sulphur (liquid)	3,061	1,206	—-	942	913	—-	70.8	4,322
3272 sulphuric acid	1,827	—-	—-	1,523	304	—-	97.2	1,879
3273 ammonia	1,396	—-	—-	1,334	62	—-	100.0	1,396
3274 sodium hydroxide	4,524	628	—-	3,229	667	—-	96.0	4,711
3275 inorg. elem., oxides, & halogen salts	2,058	6	—-	1,265	787	—-	99.6	2,066
3276 metallic salts	563	4	5	443	110	—-	98.0	574
3279 inorganic chem. nec	44	—-	—-	44	—-	—-	98.4	44
3282 pigments & paints	2	1	—-	1	0	—-	3.3	51
3285 perfumes & cleansers	6	1	—-	5	—-	—-	15.5	36
3286 plastics	90	9	—-	81	0	—-	92.3	98
3293 explosives	3	0	—-	3	0	—-	97.4	3
3297 chemical additives	410	5	—-	32	373	—-	96.8	424
3298 wood & resin chem.	13	—-	—-	11	2	—-	99.4	14
3299 chem. products nec	296	75	—-	205	16	—-	81.0	365

Table 2-3: DOMESTIC BARGE TRAFFIC
BY TYPE OF TRAFFIC AND COMMODITY
Freight Traffic, 2009 - continued

Commodity	Barge-Traffic						Domestic	
	Total	Coastwise	Lakewise	Internal	Intraport	Intra-Territory	%-Barge	Traffic
Total crude materials, inedible except fuels*	**108,687**	**8,255**	**8,548**	**73,828**	**18,055**	**—-**	**76.0**	**142,970**
Subtotal forest products, wood and chips	**3,843**	**937**	**0**	**2,833**	**73**	**—-**	**77.4**	**4,968**
4110 rubber & gums	12	—	—	12	—	—	100.0	12
4150 fuel wood	138	—	—	137	1	—	99.8	138
4161 wood chips	2,897	416	—	2,413	68	—	100.0	2,897
4170 wood in the rough	360	115	0	241	4	—	26.8	1,345
4189 lumber	416	401	0	14	1	—	75.5	551
4190 forest products nec	20	4	—	16	0	—	79.0	25
Subtotal pulp and waste paper	**2**	**2**	**—-**	**0**	**—-**	**—-**	**99.0**	**2**
4225 pulp & waste paper	2	2	—	0	—	—	99.0	2
Subtotal soil, sand, gravel, rock and stone*	**79,041**	**6,862**	**6,034**	**49,300**	**16,846**	**—-**	**88.4**	**89,392**
4310 building stone	0	—	—	0	—	—	0.4	0
4322 limestone	30,280	1,510	5,943	18,665	4,161	—	75.7	39,997
4323 gypsum	2,409	—	5	1,942	462	—	96.0	2,510
4327 phosphate rock	2,427	2,427	—	—	—	—	100.0	2,427
4331 sand & gravel	43,913	2,919	86	28,686	12,222	—	98.8	44,445
4338 soil & fill dirt	13	6	—	7	—	—	99.4	13
Subtotal iron ore and scrap	**9,407**	**154**	**2,395**	**6,002**	**856**	**—-**	**31.1**	**30,294**
4410 iron ore	3,372	—	2,376	991	4	—	13.9	24,238
4420 iron & steel scrap	6,035	154	19	5,011	851	—	99.7	6,056
Subtotal marine shells	**34**	**—-**	**—-**	**34**	**—-**	**—-**	**100.0**	**34**
4515 marine shells	34	—	—	34	—	—	100.0	34
Subtotal non-ferrous ores and scrap	**5,170**	**251**	**—-**	**4,908**	**11**	**—-**	**94.3**	**5,480**
4630 copper ore	3	3	—	0	—	—	100.0	3
4650 aluminum ore	2,709	247	—	2,461	1	—	89.7	3,019
4670 manganese ore	458	—	—	448	10	—	100.0	458
4680 non-ferrous scrap	12	—	—	12	—	—	98.0	12
4690 non-ferrous ores nec	1,988	—	—	1,988	—	—	100.0	1,988
Subtotal sulphur, clay and salt	**430**	**3**	**—-**	**401**	**26**	**—-**	**80.0**	**537**
4782 clay & refrac. mat.	430	3	—	401	26	—	80.0	537
Subtotal slag	**1,208**	**10**	**99**	**926**	**173**	**—-**	**84.6**	**1,428**
4860 slag	1,208	10	99	926	173	—	84.6	1,428
Subtotal other non-metal. min.	**9,551**	**37**	**20**	**9,424**	**70**	**—-**	**88.2**	**10,828**
4900 non-metal. min. nec	9,551	37	20	9,424	70	—	88.2	10,828
Total primary manufactured goods	**23,086**	**5,035**	**2,158**	**14,968**	**925**	**—-**	**95.4**	**24,190**
Subtotal paper products	**62**	**47**	**—-**	**16**	**0**	**—-**	**42.3**	**148**
5110 newsprint	3	3	—	0	—	—	99.0	3
5120 paper & paperboard	2	0	—	2	—	—	23.0	9
5190 paper products nec	57	44	—	13	0	—	42.2	135
Subtotal lime, cement and glass	**11,467**	**1,255**	**2,146**	**7,275**	**791**	**—-**	**92.8**	**12,358**
5210 lime	2,117	12	86	1,854	164	—	100.0	2,117
5220 cement & concrete	8,964	1,147	2,060	5,135	622	—	91.1	9,836
5240 glass & glass prod.	13	4	—	10	0	—	85.0	16
5290 misc. mineral prod.	373	92	0	276	4	—	95.9	389
Subtotal primary iron and steel products	**6,659**	**43**	**11**	**6,580**	**26**	**—-**	**99.5**	**6,689**
5312 pig iron	2,527	13	9	2,495	10	—	100.0	2,527
5315 ferro alloys	634	—	—	634	—	—	100.0	634
5320 i&s primary forms	184	—	—	184	—	—	100.0	184
5330 i&s plates & sheets	1,257	—	1	1,253	3	—	99.9	1,258
5360 i&s bars & shapes	404	25	—	378	2	—	99.5	407
5370 i&s pipe & tube	1,188	5	—	1,181	2	—	97.9	1,214
5390 primary i&s nec	465	0	2	454	9	—	99.8	466
Subtotal primary non-ferrous metal products	**4,842**	**3,640**	**0**	**1,093**	**109**	**—-**	**98.1**	**4,937**
5421 copper	0	—	—	0	—	—	12.1	0
5422 aluminum	169	—	—	169	—	—	99.4	170
5429 smelted prod. nec	17	—	—	17	—	—	100.0	17
5480 fab. metal products	4,656	3,640	0	907	109	—	98.0	4,750
Subtotal primary wood products	**55**	**50**	**—-**	**5**	**0**	**—-**	**94.9**	**58**
5540 primary wood prod.	55	50	—	5	0	—	94.9	58
Total food and farm products**	**78,498**	**2,575**	**2**	**74,700**	**1,222**	**—-**	**96.6**	**81,237**
Subtotal fish**	**48**	**48**	**—-**	**—-**	**—-**	**—-**	**46.5**	**104**
6134 fish (not shellfish)	40	40	—	—	—	—	42.1	96
6136 shellfish	8	8	—	—	—	—	99.1	8
Subtotal grain	**44,056**	**132**	**2**	**43,448**	**474**	**—-**	**99.2**	**44,416**

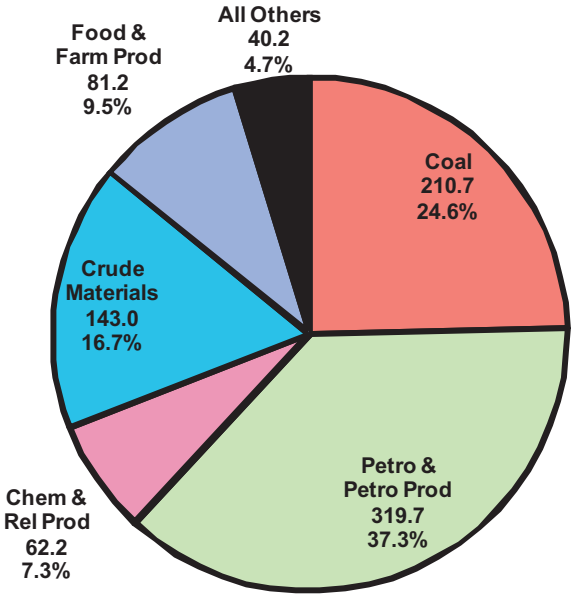
* Does not include 6.5 million short tons of waterway improvement material.
** Does not include fish landings

Table 2-3: DOMESTIC BARGE TRAFFIC
BY TYPE OF TRAFFIC AND COMMODITY
Freight Traffic, 2009 - continued

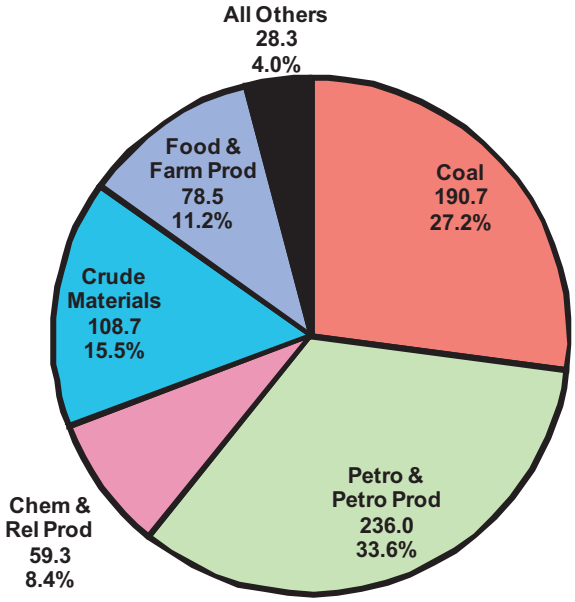
Commodity	Barge-Traffic						Domestic	
	Total	Coastwise	Lakewise	Internal	Intraport	Intra-Territory	%-Barge	Traffic
6241 wheat	8,853	125	—	8,615	113	—	99.3	8,918
6344 corn	32,888	0	2	32,549	337	—	100.0	32,888
6442 rice	1,725	7	—	1,705	13	—	97.1	1,776
6443 barley & rye	102	—	—	102	—	—	100.0	102
6445 oats	4	—	—	4	—	—	100.0	4
6447 sorghum grains	484	—	—	473	12	—	66.6	727
Subtotal oilseeds	**25,483**	**—**	**—**	**25,085**	**398**	**—**	**100.0**	**25,487**
6522 soybeans	22,172	—	—	21,825	346	—	100.0	22,172
6590 oilseeds nec	3,311	—	—	3,259	52	—	99.9	3,316
Subtotal vegetable products	**1,151**	**27**	**—**	**1,010**	**115**	**—**	**86.9**	**1,325**
6653 vegetable oils	934	—	—	821	113	—	98.4	949
6654 vegetables & prod.	217	27	—	189	1	—	57.9	375
Subtotal processed grain and animal feed	**4,512**	**593**	**—**	**3,846**	**72**	**—**	**98.2**	**4,593**
6746 wheat flour	0	0	—	—	—	—	0.5	4
6747 grain mill products	764	577	—	188	—	—	99.0	772
6781 hay & fodder	29	1	—	28	—	—	95.8	31
6782 animal feed, prep.	3,718	15	—	3,630	72	—	98.2	3,786
Subtotal other agricultural products	**3,248**	**1,775**	**—**	**1,312**	**162**	**—**	**61.2**	**5,312**
6811 meat, fresh, frozen	12	12	—	—	—	—	7.1	169
6835 fish, prepared	72	23	—	49	—	—	32.3	223
6838 tallow, animal oils	56	3	—	11	43	—	100.0	56
6839 animals & prod. nec	8	8	—	—	—	—	33.2	23
6861 sugar	1,436	662	—	774	—	—	99.1	1,448
6865 molasses	305	31	—	268	6	—	92.9	329
6871 coffee	2	2	—	—	—	—	32.3	6
6885 alcoholic beverages	132	47	—	85	0	—	40.9	322
6887 groceries	574	509	—	66	0	—	68.3	841
6888 water & ice	120	0	—	7	113	—	27.8	432
6889 food products nec	520	469	—	51	0	—	38.2	1,361
6899 farm products nec	11	11	—	1	—	—	31.7	36
Total all manufactured equipment, machinery and products	**3,418**	**1,386**	**1**	**1,434**	**597**	**—**	**24.2**	**14,146**
7110 machinery (not elec)	263	69	1	169	24	—	4.5	5,827
7120 electrical machinery	74	5	—	66	3	—	53.1	139
7210 vehicles & parts	182	158	—	24	0	—	38.2	476
7220 aircraft & parts	7	—	—	7	0	—	99.3	7
7230 ships & boats	4	1	—	2	0	—	70.3	5
7300 ordnance & access.	0	—	—	0	—	—	0.0	41
7400 manufac. wood prod.	202	156	0	31	16	—	41.1	493
7500 textile products	12	0	—	12	0	—	60.7	20
7600 rubber & plastic pr.	33	4	—	29	0	—	67.3	49
7900 manufac. prod. nec	2,642	993	0	1,095	554	—	37.3	7,091
Total waste and scrap nec	**1,797**	**18**	**0**	**1,011**	**768**	**—**	**99.6**	**1,805**
8900 waste and scrap nec	1,797	18	0	1,011	768	—	99.6	1,805
Total unknown or not elsewhere classified	**1**	**1**	**—**	**—**	**—**	**—**	**1.2**	**102**
9900 unknown or nec	1	1	—	—	—	—	1.2	102

Figure 2-1
DOMESTIC COMMERCE, 2009
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

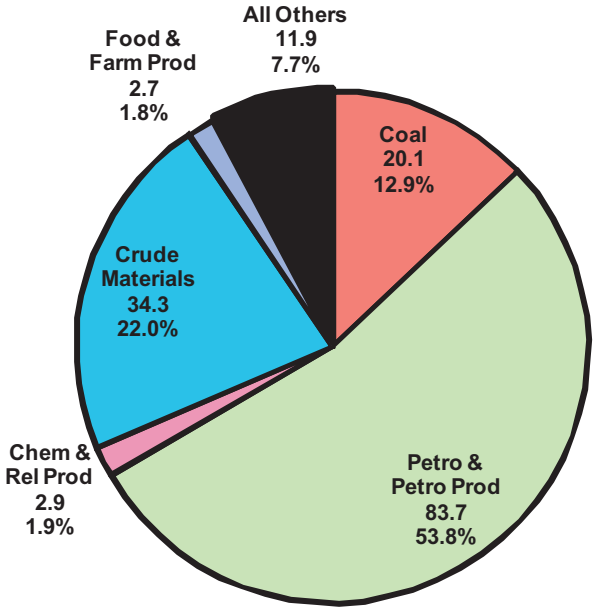
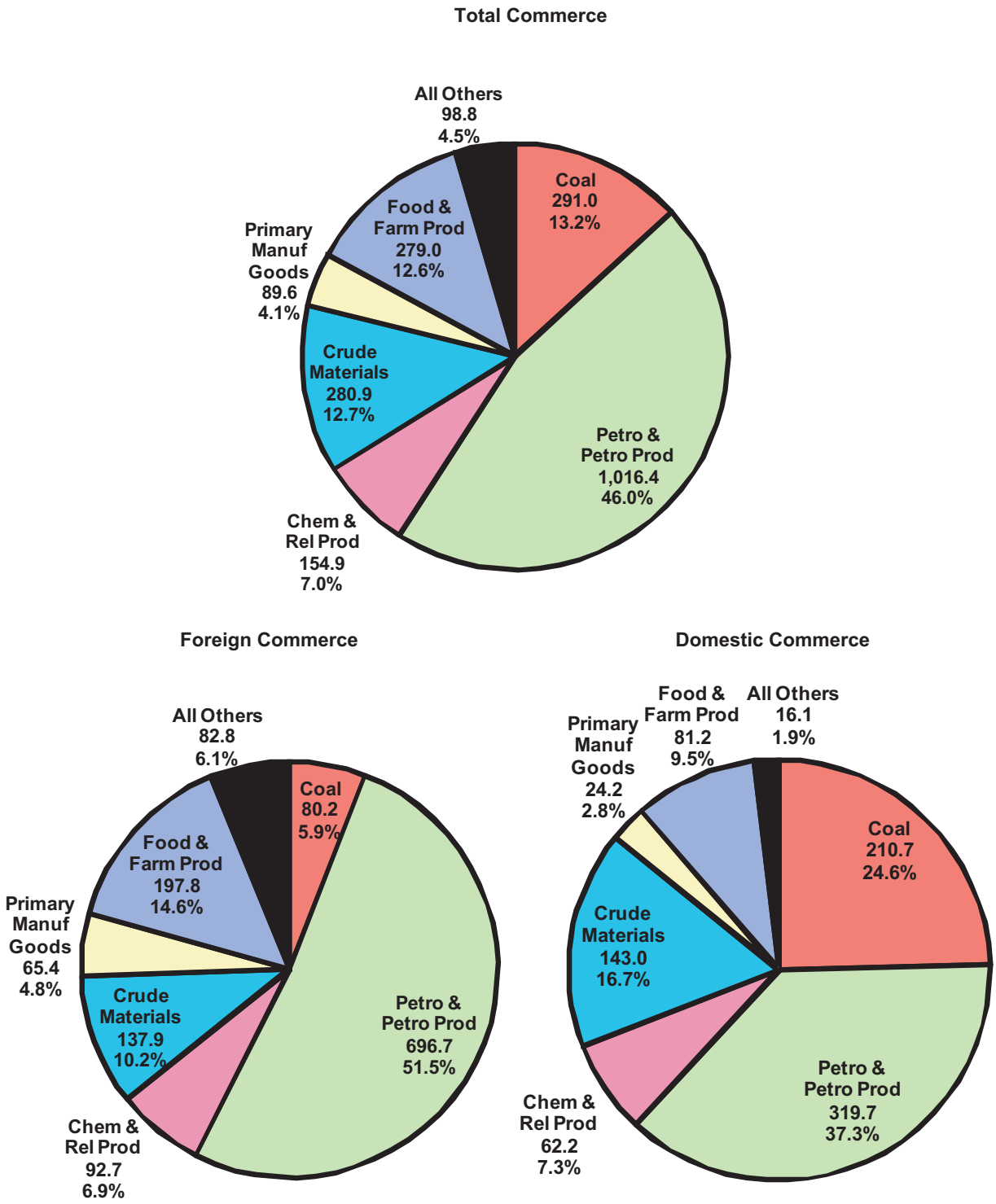


Table 2-4: PRINCIPAL COMMODITIES IN WATERBORNE COMMERCE, 2008-2009
(million short tons)

	2008	2009	%Change
Total Commerce	**2,477.1**	**2,210.8**	**-10.8**
Coal	348.0	291.0	-16.4
Petro & Petro Prod	1,068.3	1,016.4	-4.9
Chem & Rel Prod	168.7	154.9	-8.2
Crude Materials	358.3	280.9	-21.6
Primary Manuf Goods	134.6	89.6	-33.4
Food and Farm Prod	277.9	279.0	0.4
All Manuf Equip	109.7	89.6	-18.3
Other	11.7	9.3	-20.9
Foreign Commerce	**1,520.8**	**1,353.7**	**-11.0**
Coal	118.1	80.2	-32.0
Petro & Petro Prod	732.7	696.7	-4.9
Chem & Rel Prod	103.2	92.7	-10.2
Crude Materials	163.5	137.9	-15.6
Primary Manuf Goods	96.3	65.4	-32.1
Food and Farm Prod	204.5	197.8	-3.3
All Manuf Equip	92.7	75.4	-18.6
Other	9.8	7.4	-24.7
Domestic Commerce	**956.3**	**857.1**	**-10.4**
Coal	229.9	210.7	-8.3
Petro & Petro Prod	335.6	319.7	-4.7
Chem & Rel Prod	65.5	62.2	-5.0
Crude Materials	194.7	143.0	-26.6
Primary Manuf Goods	38.2	24.2	-36.7
Food and Farm Prod	73.4	81.2	10.7
All Manuf Equip	17.0	14.1	-16.7
Other	1.9	1.9	-2.0

Figure 2-2
PRINCIPAL COMMODITY GROUPS CARRIED BY WATER, 2009
(million short tons and percentage of short tons)



Section 3
Waterways

Figure 3-1
MISSISSIPPI RIVER SYSTEM, 1990-2009
BY TYPE OF TRAFFIC
(million short tons)

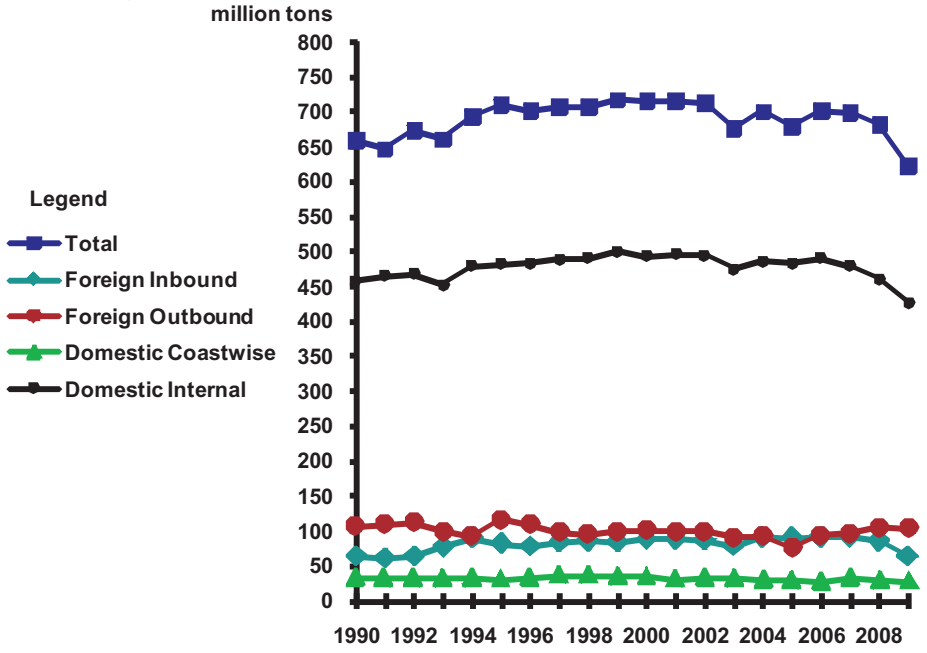


Table 3-1: MISSISSIPPI RIVER SYSTEM, 1990-2009
BY TYPE OF TRAFFIC*
(million short tons)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Total	**659.1**	**646.6**	**673.1**	**660.4**	**693.3**	**707.2**	**701.8**	**707.1**	**707.4**	**716.9**
Foreign										
Inbound	63.1	60.1	63.0	76.9	89.8	81.5	77.3	83.5	85.2	83.5
Outbound	106.0	109.9	112.3	100.0	92.4	115.8	108.7	98.5	94.7	99.2
Domestic										
Coastwise	32.6	31.3	32.3	31.8	32.4	30.6	33.0	36.3	36.7	34.6
Internal	457.5	445.1	465.4	451.7	478.7	479.4	482.8	488.9	490.7	499.6

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	**715.5**	**714.8**	**712.8**	**676.8**	**699.8**	**678.0**	**702.1**	**699.0**	**681.6**	**622.1**
Foreign										
Inbound	87.7	87.8	86.3	78.4	91.5	90.2	91.0	90.8	85.9	62.8
Outbound	100.5	99.8	99.2	91.3	92.6	75.3	93.3	96.4	105.7	103.4
Domestic										
Coastwise	34.1	30.9	33.0	31.8	29.8	28.9	27.2	32.6	28.8	27.8
Internal	493.1	496.3	494.3	475.2	486.0	483.7	490.6	479.2	461.1	426.3

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

Figure 3-2
MISSISSIPPI RIVER SYSTEM, 1990-2009
ALL TRAFFIC BY COMMODITY GROUP
(million short tons)

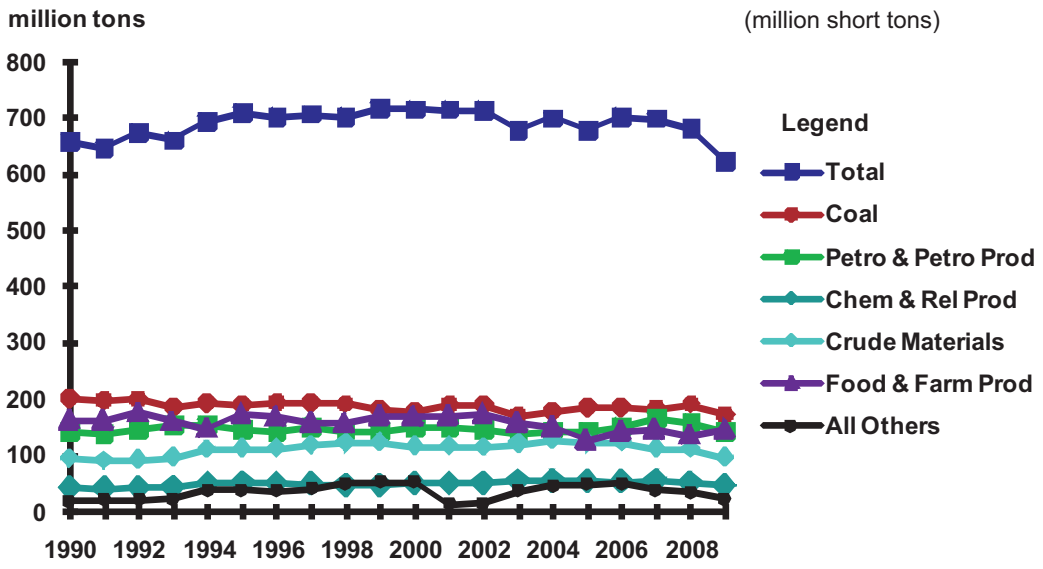


Table 3-2: MISSISSIPPI RIVER SYSTEM, 1990-2009
ALL TRAFFIC BY COMMODITY GROUP
(million short tons)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Total	**659.1**	**646.6**	**673.1**	**660.4**	**693.3**	**707.2**	**701.8**	**707.1**	**707.4**	**716.9**
Coal	200.8	197.5	199.7	186.1	194.2	188.1	192.3	194.2	191.5	182.4
Petro & Petro Prod	140.9	137.9	144.6	153.0	153.6	146.2	143.0	150.3	141.6	143.0
Chem & Rel Prod	41.8	40.0	42.0	43.5	50.3	51.4	49.9	48.9	47.4	46.6
Crude Materials	92.8	89.0	91.1	95.4	109.7	108.3	111.0	116.6	120.5	121.9
Primary Manuf Goods	18.3	19.4	18.9	21.6	36.5	37.3	34.6	36.7	46.5	49.8
Food & Farm Prod	163.4	161.9	175.7	159.6	147.7	174.5	168.3	157.6	157.0	171.2
All Manuf Equip	1.0	0.8	0.9	1.1	1.1	1.2	2.5	2.5	2.6	1.8
Other	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	**715.5**	**714.8**	**712.8**	**676.8**	**699.8**	**678.0**	**702.1**	**699.0**	**681.6**	**622.1**
Coal	177.2	188.4	187.9	170.3	177.8	185.9	184.9	182.7	190.9	171.5
Petro & Petro Prod	150.0	150.6	146.3	138.7	143.8	142.8	149.4	164.5	158.7	142.9
Chem & Rel Prod	50.3	49.9	50.4	54.5	55.0	53.3	52.5	55.1	51.6	45.7
Crude Materials	115.8	115.7	113.0	120.0	125.5	120.4	120.7	111.3	109.9	95.0
Primary Manuf Goods	50.4	37.0	39.0	34.2	43.1	46.0	48.8	36.7	31.9	20.2
Food & Farm Prod	169.0	171.1	174.4	157.2	151.5	127.3	143.5	146.3	135.9	145.0
All Manuf Equip	2.1	1.8	1.5	1.5	2.3	1.8	1.5	2.0	2.2	1.4
Other	0.7	0.1	0.2	0.4	0.9	0.5	0.7	0.3	0.4	0.3

Figure 3-3
MISSISSIPPI RIVER SYSTEM, 1990-2009
INTERNAL TRAFFIC BY COMMODITY GROUP
(million short tons)

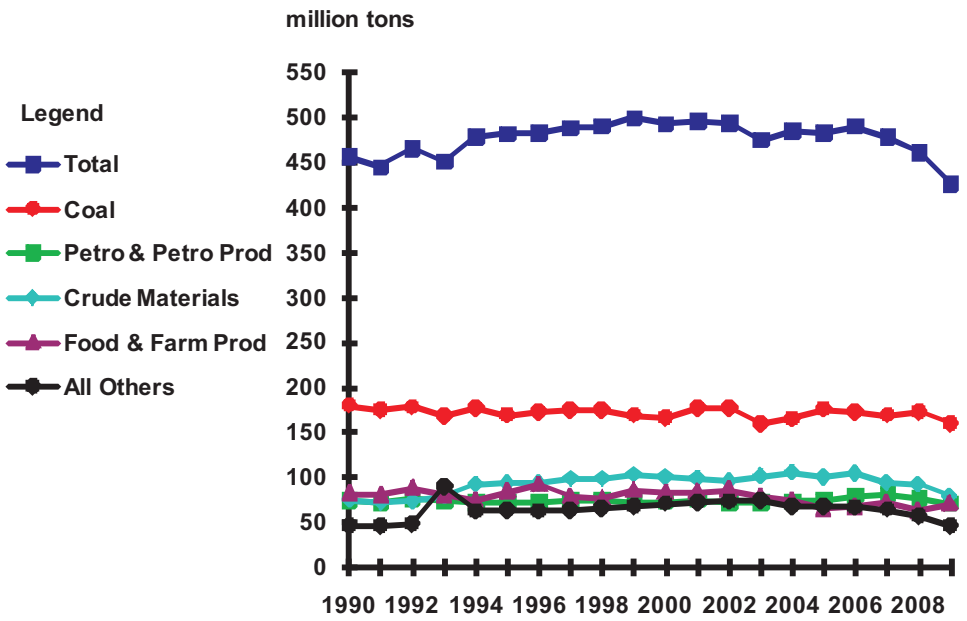


Table 3-3: MISSISSIPPI RIVER SYSTEM, 1990-2009
INTERNAL TRAFFIC BY COMMODITY GROUP
(million short tons)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Total	**457.5**	**445.1**	**465.4**	**451.7**	**478.7**	**479.4**	**482.8**	**488.9**	**490.7**	**499.6**
Coal	180.1	174.3	178.4	167.8	176.7	169.4	173.3	174.9	174.8	169.3
Petro & Petro Prod	74.1	72.0	76.7	73.7	72.6	71.7	71.9	74.0	74.8	73.2
Chem & Rel Prod	31.1	30.7	33.2	34.4	38.7	39.0	37.8	38.1	36.7	36.2
Crude Materials	75.2	72.5	74.2	79.1	92.4	90.5	93.4	98.2	98.4	102.8
Primary Manuf Goods	14.3	14.8	14.5	15.5	22.9	23.8	22.3	23.4	27.2	30.7
Food & Farm Prod	82.0	80.3	87.7	80.4	74.5	84.1	81.7	77.9	76.5	85.7
All Manuf Equip	0.6	0.5	0.5	0.7	0.7	0.8	2.1	2.2	2.2	1.5
Other	0.1	0.1	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.1

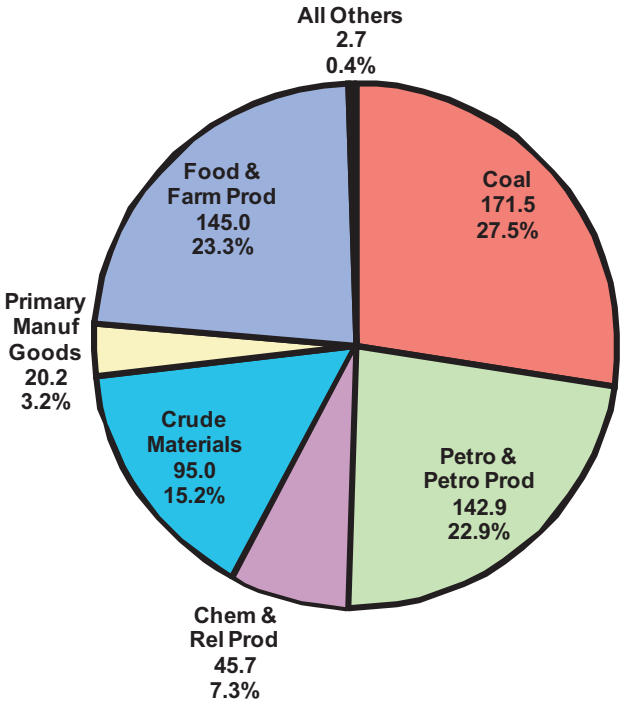
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	**493.1**	**496.3**	**494.3**	**475.2**	**486.0**	**483.7**	**490.6**	**479.2**	**461.1**	**426.3**
Coal	166.0	177.1	177.6	159.3	165.5	175.9	172.3	169.2	172.5	159.7
Petro & Petro Prod	73.1	75.3	72.5	72.9	73.5	74.5	79.8	80.5	75.9	70.8
Chem & Rel Prod	36.1	34.4	35.5	37.7	38.0	37.1	35.7	37.7	33.4	31.3
Crude Materials	100.2	99.0	95.8	101.2	105.4	100.2	104.0	94.0	92.1	79.2
Primary Manuf Goods	32.5	25.5	25.9	24.7	27.9	30.1	29.9	25.3	22.7	13.9
Food & Farm Prod	83.0	83.5	86.1	78.5	74.2	64.7	67.3	71.2	62.9	70.4
All Manuf Equip	1.5	1.2	0.8	0.8	1.3	1.0	0.8	1.1	1.3	0.8
Other	0.6	0.3	0.1	0.2	0.3	0.1	0.6	0.2	0.3	0.2

Table 3-4: PRINCIPAL COMMODITIES IN WATERBORNE COMMERCE, 2008-2009
FOR THE MISSISSIPPI RIVER SYSTEM
(million short tons)

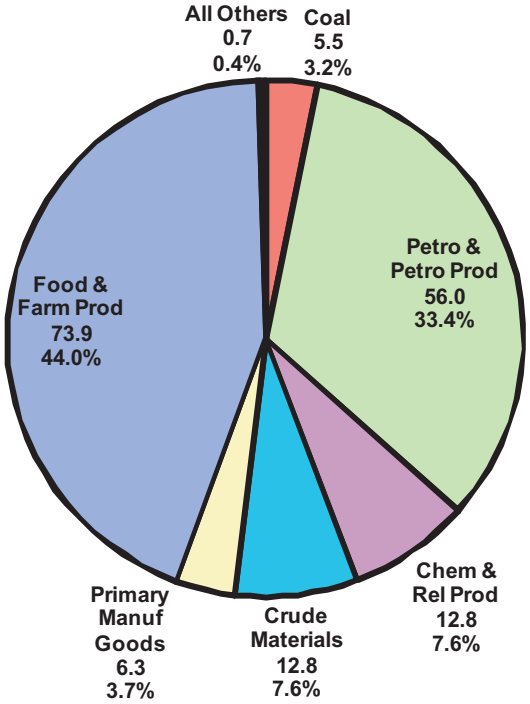
	2008	2009	%Change
Foreign Commerce	**191.6**	**168.0**	**-12.3**
Coal	11.7	5.5	-53.5
Petro & Petro Prod	67.0	56.0	-16.4
Chem & Rel Prod	16.3	12.8	-21.7
Crude Materials	14.2	12.8	-9.8
Primary Manuf Goods	9.2	6.3	-31.8
Food & Farm Prod	72.1	73.9	2.5
Other	1.0	0.7	-34.2
Coastwise Traffic	**28.8**	**27.8**	**-3.5**
Coal	6.7	6.3	-5.8
Petro & Petro Prod	15.8	16.1	2.1
Chem & Rel Prod	1.9	1.6	-14.3
Crude Materials	3.5	3.0	-15.0
Primary Manuf Goods	0.0	0.0	-15.8
Food & Farm Prod	0.9	0.8	-15.7
Other	0.0	0.0	119.9
Internal Traffic	**461.1**	**426.3**	**-7.6**
Coal	172.5	159.7	-7.4
Petro & Petro Prod	75.9	70.8	-6.7
Chem & Rel Prod	33.4	31.3	-6.3
Crude Materials	92.1	79.2	-14.1
Primary Manuf Goods	22.7	13.9	-38.8
Food & Farm Prod	62.9	70.4	11.8
Other	1.6	1.1	-32.5

Figure 3-4
PRINCIPAL COMMODITY GROUPS CARRIED BY WATER, 2009
FOR THE MISSISSIPPI RIVER SYSTEM
(million short tons and percentage of short tons)

Total Commerce



Foreign Commerce



Domestic Commerce

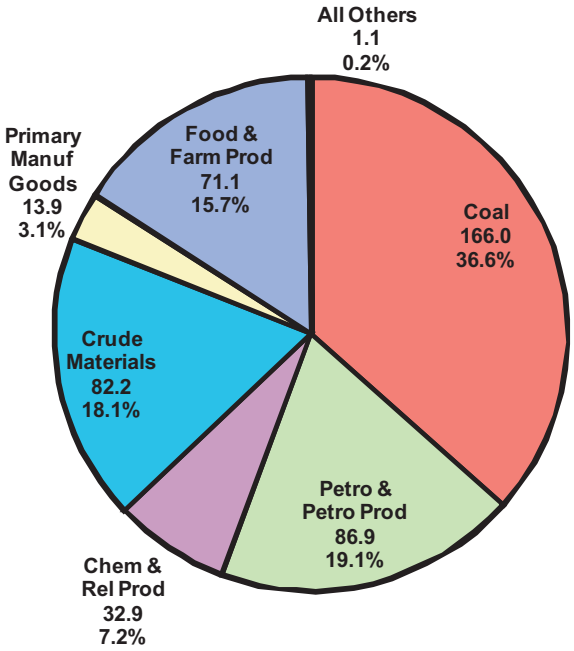


Figure 3-5
MISSISSIPPI RIVER MAIN STEM, 1990-2009
BY TYPE OF TRAFFIC
(million short tons)

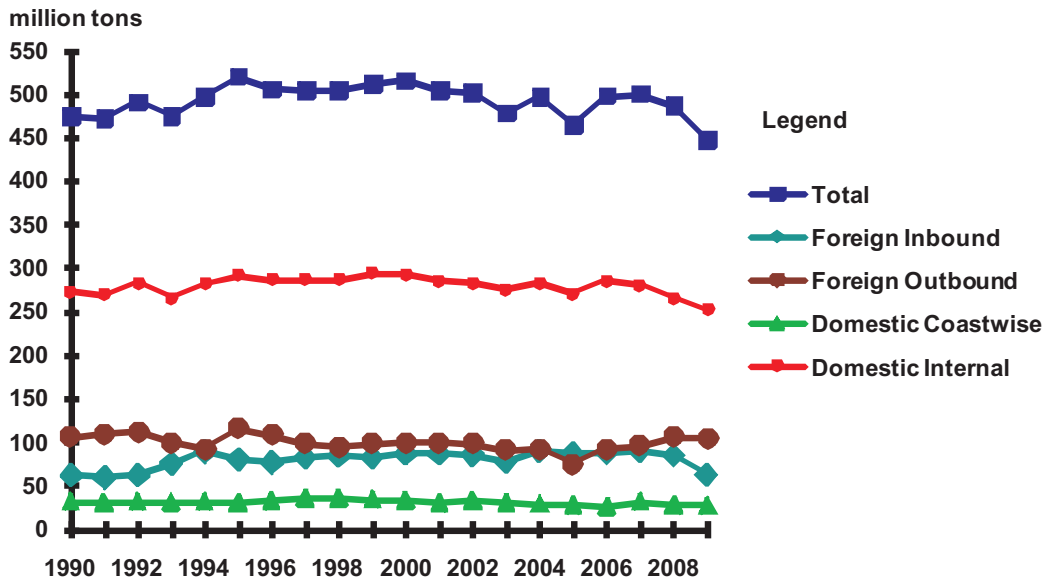


Table 3-5: MISSISSIPPI RIVER MAIN STEM, 1990-2009
BY TYPE OF TRAFFIC*
(million short tons)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Total	**475.3**	**471.7**	**491.0**	**475.1**	**496.8**	**520.3**	**505.6**	**504.7**	**503.9**	**512.3**
Foreign										
Inbound	63.1	60.1	63.0	76.9	89.8	81.5	77.3	83.5	85.2	83.5
Outbound	106.0	109.9	112.3	100.0	92.4	115.8	108.7	98.5	94.7	99.2
Domestic										
Coastwise	32.6	31.3	32.4	31.8	32.4	30.6	33.0	36.3	36.7	34.6
Internal	273.6	270.3	283.3	266.5	282.2	292.4	286.5	286.5	287.3	295.0

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	**515.6**	**504.2**	**501.7**	**478.0**	**496.9**	**464.6**	**497.7**	**500.5**	**486.8**	**447.7**
Foreign										
Inbound	87.7	87.8	86.3	78.4	91.5	90.2	91.0	90.8	85.9	63.5
Outbound	100.5	99.8	99.2	91.3	92.6	75.3	93.3	96.4	105.7	104.4
Domestic										
Coastwise	34.1	30.9	33.0	31.8	29.8	28.9	27.2	32.6	28.8	27.8
Internal	293.3	285.6	283.3	276.4	283.0	270.3	286.3	280.7	266.4	251.9

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

Figure 3-6
MISSISSIPPI RIVER MAIN STEM, 1990-2009
BY COMMODITY GROUP
(million short tons)

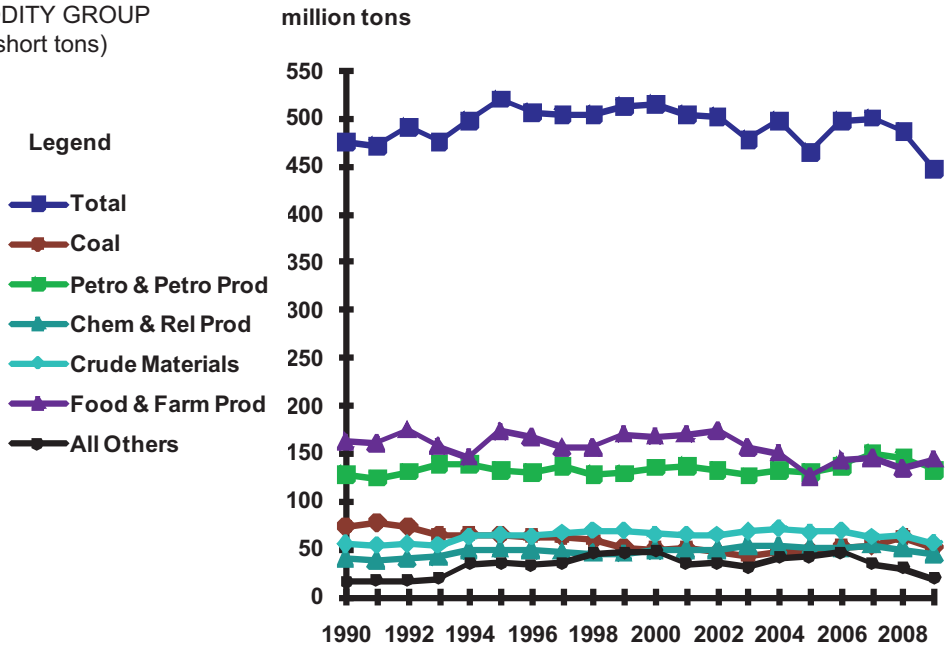


Table 3-6: MISSISSIPPI RIVER MAIN STEM, 1990-2009
BY COMMODITY GROUP
(million short tons)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Total	**475.3**	**471.7**	**491.0**	**475.1**	**496.8**	**520.3**	**505.6**	**504.7**	**503.9**	**512.3**
Coal	73.7	77.2	73.1	64.1	65.4	64.6	63.3	61.7	59.2	52.0
Petro & Petro Prod	127.7	124.4	130.8	138.4	139.4	133.0	130.2	136.6	127.7	129.3
Chem & Rel Prod	40.3	38.4	40.4	41.6	48.6	49.7	48.4	47.2	45.7	45.0
Crude Materials	55.1	53.8	55.5	54.3	63.5	65.0	63.5	66.8	69.7	69.4
Primary Manuf Goods	15.3	16.4	15.7	18.3	32.9	34.0	31.0	33.5	43.1	45.0
Food & Farm Prod	162.1	160.6	174.4	157.4	145.9	172.8	167.0	156.5	155.9	169.9
All Manuf Equip	1.0	0.8	0.9	1.0	0.9	1.0	2.0	2.2	2.3	1.6
Other	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2

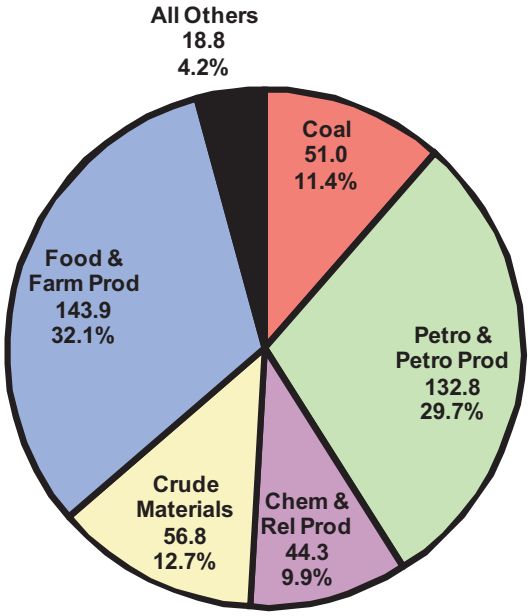
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	**515.6**	**504.2**	**501.7**	**478.0**	**496.9**	**464.6**	**497.7**	**500.5**	**486.8**	**447.7**
Coal	50.0	50.4	46.3	42.2	47.5	46.5	52.4	53.6	62.2	51.0
Petro & Petro Prod	135.4	136.5	132.6	127.0	132.5	130.0	136.4	150.4	145.5	132.8
Chem & Rel Prod	48.5	48.2	48.5	52.7	53.2	51.9	51.0	53.7	50.2	44.3
Crude Materials	65.9	65.2	64.9	68.3	72.2	67.9	69.5	62.9	64.0	56.8
Primary Manuf Goods	45.9	32.0	34.1	29.5	37.8	40.3	44.1	32.4	27.7	17.2
Food & Farm Prod	167.9	169.9	173.5	156.5	150.5	126.2	142.3	145.2	134.7	143.9
All Manuf Equip	1.7	1.7	1.4	1.5	2.2	1.4	1.4	1.8	1.9	1.2
Other	0.3	0.3	0.3	0.4	0.9	0.5	0.7	0.3	0.5	0.4

Table 3-7: PRINCIPAL COMMODITIES IN WATERBORNE COMMERCE, 2008-2009
FOR THE MISSISSIPPI RIVER MAIN STEM
(million short tons)

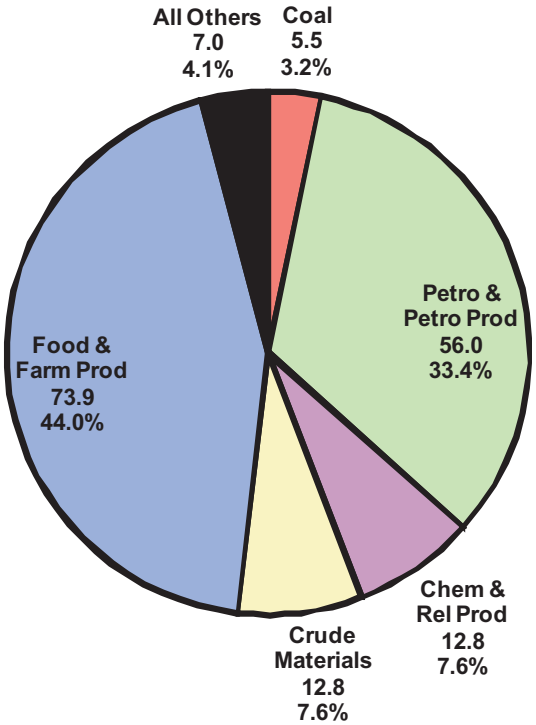
	2008	2009	%Change
Total Commerce	**486.8**	**447.7**	**-8.0**
Coal	62.2	51.0	-18.1
Petro & Petro Prod	145.5	132.8	-8.7
Chem & Rel Prod	50.2	44.3	-11.7
Crude Materials	64.0	56.8	-11.3
Primary Manuf Goods	27.7	17.2	-37.7
Food & Farm Prod	134.7	143.9	6.8
Other	2.4	1.6	-34.1
Foreign Commerce	**191.6**	**168.0**	**-12.3**
Coal	11.7	5.5	-53.5
Petro & Petro Prod	67.0	56.0	-16.4
Chem & Rel Prod	16.3	12.8	-21.7
Crude Materials	14.2	12.8	-9.8
Primary Manuf Goods	9.2	6.3	-31.8
Food & Farm Prod	72.1	73.9	2.5
Other	1.0	0.1	-86.8
Domestic Commerce	**295.2**	**279.8**	**-5.2**
Coal	50.5	45.5	-9.9
Petro & Petro Prod	78.5	76.8	-2.2
Chem & Rel Prod	33.9	31.6	-6.9
Crude Materials	49.8	44.0	-11.7
Primary Manuf Goods	18.5	11.0	-40.6
Food & Farm Prod	62.6	70.0	11.8
Other	1.4	0.2	-82.5

Figure 3-7
PRINCIPAL COMMODITY GROUPS CARRIED BY WATER, 2009
FOR THE MISSISSIPPI RIVER MAIN STEM
(million short tons and percentage of short tons)

Total Commerce



Foreign Commerce



Domestic Commerce

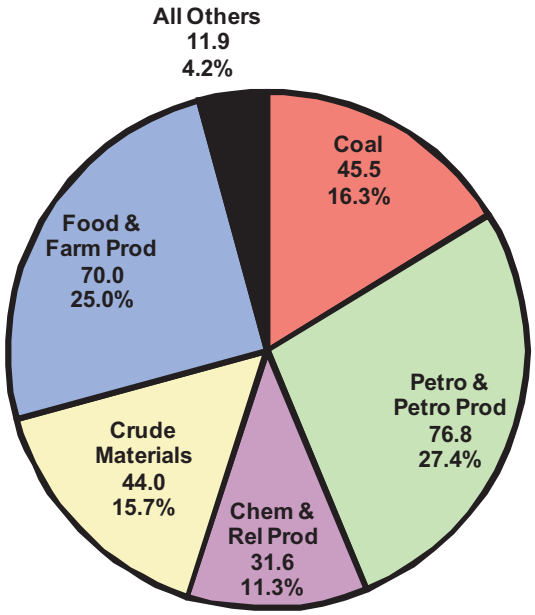


Figure 3-8
OHIO RIVER SYSTEM, 1989-2008
BY COMMODITY GROUP
(million short tons)

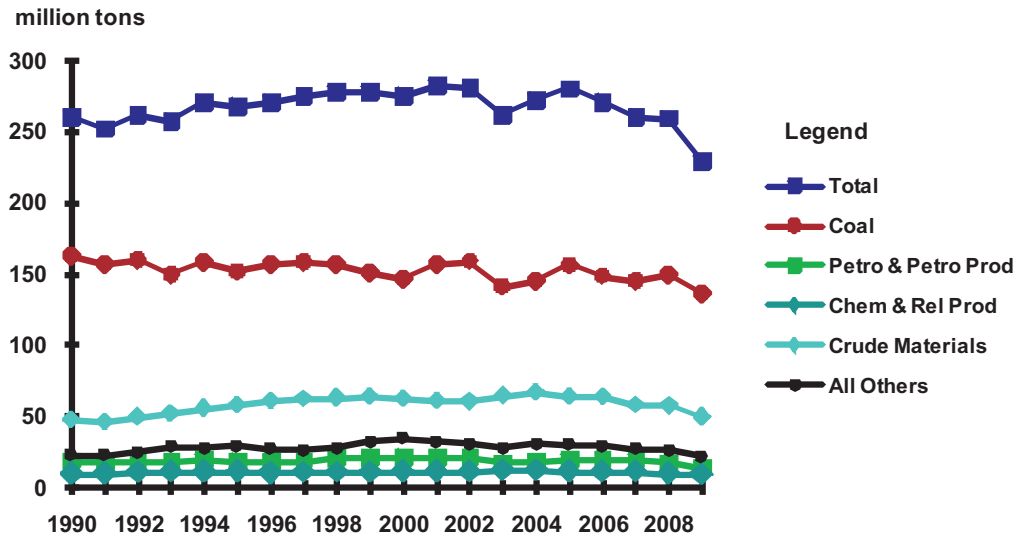


Table 3-8: OHIO RIVER SYSTEM, 1990-2009
BY COMMODITY GROUP
(million short tons)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Total	**260.0**	**251.9**	**261.4**	**257.3**	**270.5**	**267.6**	**270.9**	**274.9**	**277.9**	**277.9**
Coal	163.0	156.8	159.8	149.0	157.9	151.7	156.5	158.4	156.9	150.8
Petro & Petro Prod	18.3	17.8	18.0	18.1	18.9	18.2	17.7	18.3	20.7	21.1
Chem & Rel Prod	9.1	9.4	10.0	10.4	10.6	10.7	9.8	10.1	10.3	10.3
Crude Materials	47.0	45.3	49.1	51.1	55.3	57.9	60.0	61.5	62.6	63.6
Primary Manuf Goods	7.2	7.4	7.5	8.6	11.2	11.6	11.7	11.1	12.7	16.1
Food & Farm Prod	15.3	15.0	16.9	20.0	16.6	17.4	15.0	15.3	14.7	15.8
Other	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.0	0.1	0.1

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	**274.4**	**281.8**	**280.9**	**261.3**	**271.5**	**280.1**	**270.7**	**260.2**	**259.2**	**229.5**
Coal	146.1	157.1	158.8	140.9	145.3	155.9	148.4	145.2	149.7	136.3
Petro & Petro Prod	20.8	20.9	20.5	17.2	17.4	19.6	19.4	19.2	17.2	14.0
Chem & Rel Prod	10.9	10.7	10.6	11.5	11.6	10.8	10.5	11.0	9.3	8.4
Crude Materials	62.0	60.7	59.9	64.0	66.5	63.6	63.2	57.6	57.0	49.1
Primary Manuf Goods	17.7	13.6	13.4	13.1	13.7	15.0	13.7	12.6	11.7	6.8
Food & Farm Prod	16.4	18.6	17.5	14.4	16.9	15.0	15.4	14.5	14.1	14.7
Other	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.1

Figure 3-9
PRINCIPAL COMMODITY GROUPS CARRIED BY WATER, 2009
FOR THE OHIO RIVER SYSTEM
(million short tons and percentage of short tons)

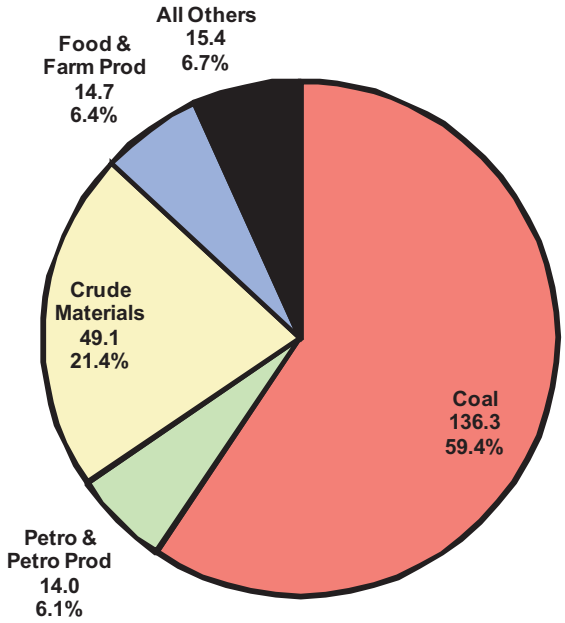


Table 3-9: PRINCIPAL COMMODITIES IN WATERBORNE COMMERCE, 2008-2009
FOR THE OHIO RIVER SYSTEM
(million short tons)

	2008	2009	%Change
Total Commerce	**259.2**	**229.5**	**-11.5**
Coal	149.7	136.3	-8.9
Petroleum & Petroleum Products	17.2	14.0	-18.6
Chemicals & Related Products	9.3	8.4	-9.2
Crude Materials	57.0	49.1	-13.8
Primary Manufactured Goods	11.7	6.8	-41.8
Food & Farm Products	14.1	14.7	4.4
Other	0.3	0.1	-42.9

Figure 3-10
GREAT LAKES, 1990-2009
BY TYPE OF TRAFFIC
(million short tons)

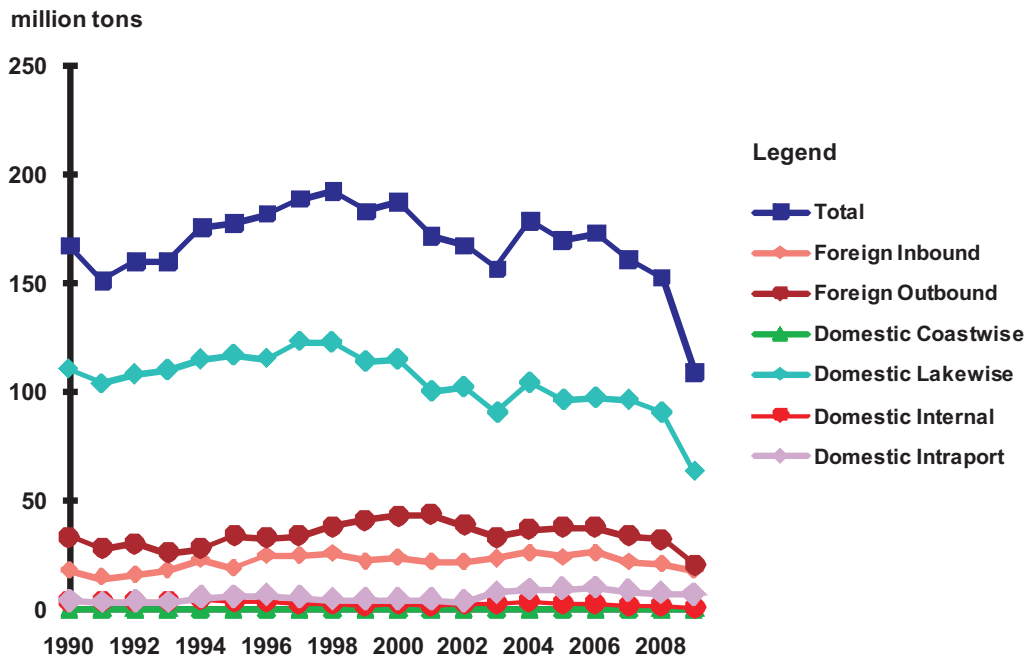


Table 3-10: GREAT LAKES, 1990-2009
BY TYPE OF TRAFFIC*
(million short tons)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1990
Total	**167.1**	**151.1**	**159.9**	**159.6**	**175.3**	**177.8**	**181.8**	**188.6**	**192.2**	**182.9**
Foreign										
Inbound	17.6	14.2	15.4	18.1	23.1	18.9	24.5	24.5	25.6	22.2
Outbound	32.9	27.5	30.4	25.8	27.8	33.5	32.8	33.7	37.9	40.8
Domestic										
Coastwise	0.0	-	0.0	0.0	0.0	-	-	-	-	-
Lakewise	110.2	103.4	107.4	109.9	114.8	116.2	115.0	122.8	122.2	113.9
Internal	3.1	3.2	3.4	3.1	4.6	3.6	3.3	2.3	2.3	1.5
Intraport	3.4	2.7	3.3	2.8	5.0	5.5	6.2	5.2	4.3	4.4

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	**187.5**	**171.4**	**167.2**	**156.5**	**178.4**	**169.4**	**173.0**	**161.0**	**152.4**	**108.7**
Foreign										
Inbound	23.9	22.0	21.5	23.3	26.1	24.1	26.1	21.5	20.9	17.6
Outbound	42.9	43.6	38.4	33.1	36.4	37.5	37.5	33.8	32.2	20.5
Domestic										
Coastwise	0.0	-	-	0.0	0.0	-	0.0	-	-	0.0
Lakewise	114.4	100.1	101.6	89.8	103.6	96.3	96.9	95.7	90.4	63.2
Internal	2.1	1.7	2.5	2.8	3.7	2.6	2.7	1.7	1.8	0.9
Intraport	4.2	4.0	3.2	7.4	8.7	8.9	9.7	8.2	7.1	6.4

* Foreign Outbound includes Great Lakes Thru Foreign Traffic.

Figure 3-11
GREAT LAKES, 1990-2009
BY COMMODITY GROUP
(million short tons)

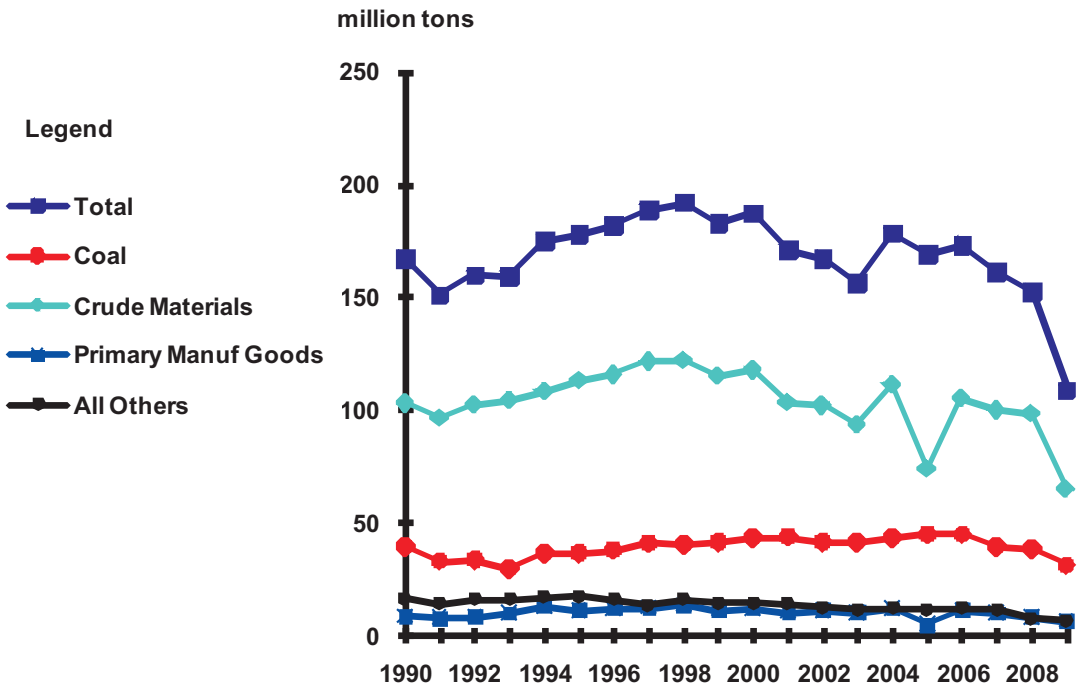


Table 3-11: GREAT LAKES, 1990-2009
BY COMMODITY GROUP

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Total	**167.1**	**151.1**	**159.9**	**159.6**	**175.3**	**177.8**	**181.8**	**188.6**	**192.2**	**182.9**
Coal	39.4	32.8	33.4	29.2	36.7	36.3	37.8	40.9	40.4	41.6
Petro & Petro Prod	6.4	5.5	5.8	5.2	5.9	5.5	6.2	5.6	6.5	4.9
Chem & Rel Prod	2.7	2.2	1.9	1.7	1.6	1.6	1.5	1.4	1.3	1.3
Crude Materials	103.1	96.5	102.2	104.5	108.4	113.1	115.9	121.8	122.3	115.3
Primary Manuf Goods	8.4	7.6	8.3	9.7	13.1	11.1	12.1	12.2	13.4	11.3
Food & Farm Prod	6.2	5.2	6.9	7.6	8.6	10.0	8.1	6.5	8.1	8.3
All Manuf Equip	1.0	1.1	1.3	1.4	0.8	0.2	0.2	0.2	0.2	0.2
Other	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0

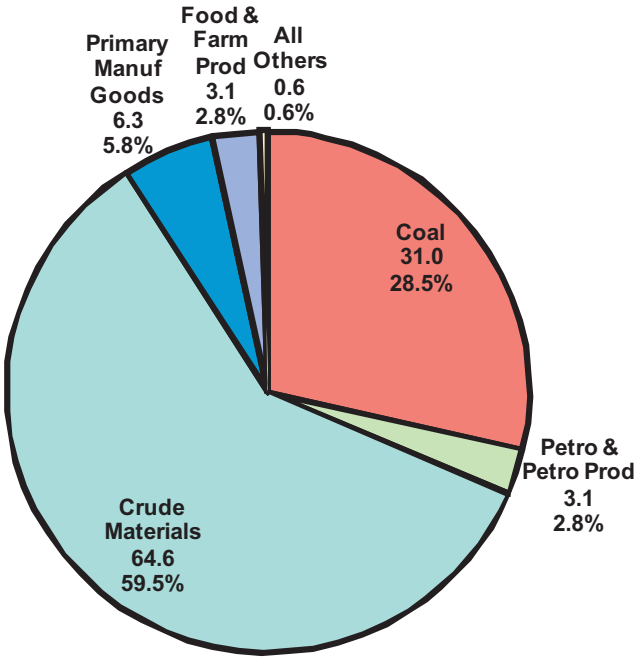
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	**187.5**	**171.4**	**167.2**	**156.5**	**178.4**	**169.4**	**173.0**	**161.0**	**152.4**	**108.7**
Coal	43.3	43.8	41.4	41.5	43.1	44.8	44.9	39.6	38.1	31.1
Petro & Petro Prod	4.6	4.6	4.3	4.7	5.1	4.6	5.1	5.0	4.4	3.1
Chem & Rel Prod	2.0	2.1	2.2	1.6	1.6	1.1	1.0	1.1	0.8	0.5
Crude Materials	117.9	103.6	102.1	93.4	111.4	102.8	105.1	99.9	98.5	64.6
Primary Manuf Goods	11.7	10.2	11.1	10.1	11.8	10.5	11.2	10.0	8.2	6.3
Food & Farm Prod	7.7	7.0	6.0	4.9	5.1	5.5	5.5	5.2	2.2	3.1
All Manuf Equip	0.1	0.1	0.2	0.2	0.3	0.1	0.2	0.2	0.1	0.1
Other	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.0	0.2	0.0

Table 3-12: PRINCIPAL COMMODITIES IN WATERBORNE COMMERCE, 2008-2009
FOR THE GREAT LAKES
(million short tons)

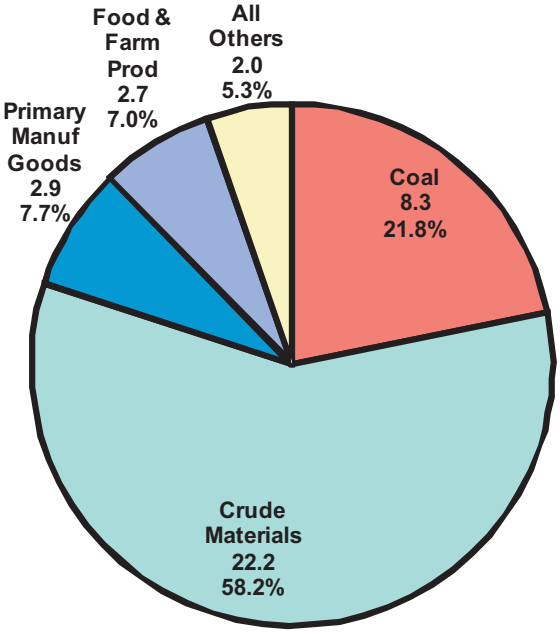
	2008	2009	%Change
Total Commerce	**152.4**	**108.7**	**-28.7**
Coal	38.1	31.0	-18.6
Petro & Petro Prod	4.4	3.1	-29.5
Chem & Rel Prod	0.8	0.5	-39.7
Crude Materials	98.5	64.6	-34.4
Primary Manuf Goods	8.2	6.3	-23.3
Food and Farm Prod	2.2	3.1	42.9
Other	0.3	0.1	-51.8
Foreign Commerce	**53.1**	**38.1**	**-28.1**
Coal	15.8	8.3	-47.4
Petro & Petro Prod	2.2	1.7	-23.0
Chem & Rel Prod	0.4	0.3	-25.0
Crude Materials	28.4	22.2	-22.0
Primary Manuf Goods	4.0	2.9	-27.4
Food and Farm Prod	1.9	2.7	38.5
Other	0.2	0.0	-86.0
Domestic Commerce	**99.3**	**70.6**	**-29.0**
Coal	22.3	22.7	1.8
Petro & Petro Prod	2.2	1.4	-36.1
Chem & Rel Prod	0.3	0.1	-57.2
Crude Materials	70.1	42.5	-39.4
Primary Manuf Goods	4.1	3.3	-19.2
Food and Farm Prod	0.2	0.4	77.1
Other	0.1	0.1	93.7

Figure 3-12
PRINCIPAL COMMODITY GROUPS CARRIED BY WATER, 2009
FOR THE GREAT LAKES
(million short tons and percentage of tons)

Total Commerce



Foreign Commerce



Domestic Commerce

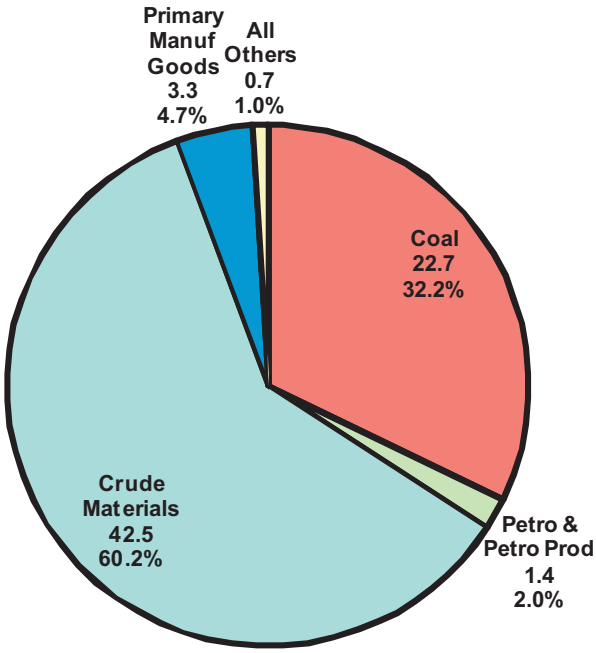


Figure 3-13
GULF INTRACOASTAL WATERWAY, 1990-2009
BY TYPE OF TRAFFIC
(million short tons)

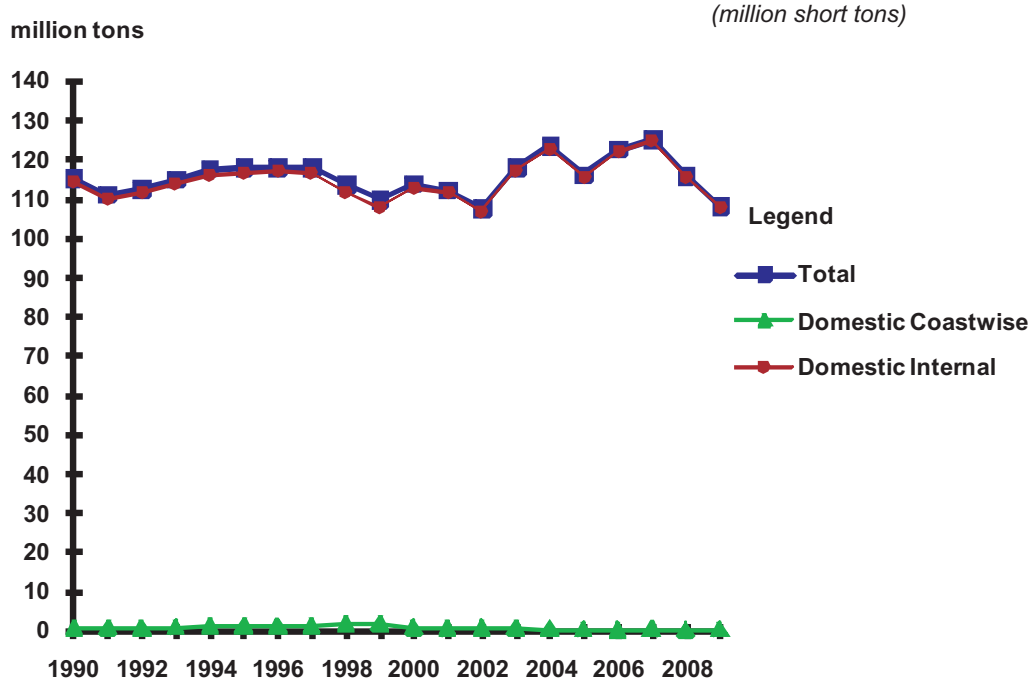


Table 3-13: GULF INTRACOASTAL WATERWAY, 1990-2009
BY TYPE OF TRAFFIC
(million short tons)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Total	**115.4**	**111.0**	**112.3**	**114.9**	**117.6**	**118.0**	**118.0**	**118.1**	**113.6**	**109.6**
Foreign										
Inbound	-	-	-	-	-	-	-	-	-	-
Outbound	-	-	-	-	-	-	-	-	-	-
Domestic										
Coastwise	0.7	0.7	0.7	0.9	1.3	1.2	1.1	1.3	1.9	1.9
Internal	114.6	110.3	111.6	114.1	116.3	116.8	116.9	116.8	111.6	107.7

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	**113.8**	**112.2**	**107.7**	**117.8**	**123.3**	**116.1**	**122.6**	**125.1**	**115.9**	**108.1**
Foreign										
Inbound	-	-	-	-	-	-	-	-	-	-
Outbound	-	-	-	-	-	-	-	-	-	-
Domestic										
Coastwise	0.8	0.7	0.8	0.7	0.4	0.3	0.2	0.3	0.2	0.3
Internal	113.0	111.5	106.9	117.1	122.9	115.8	122.4	124.7	115.7	107.9

Figure 3-14
GULF INTRACOASTAL WATERWAY, 1990-2009
BY COMMODITY GROUP
(million short tons)

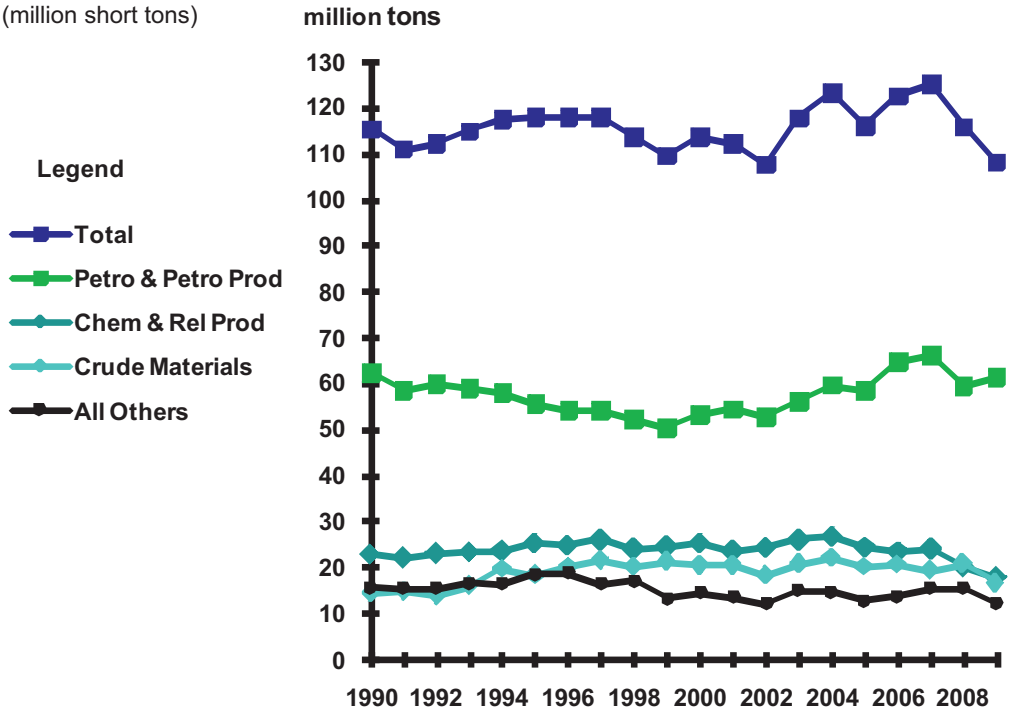


Table 3-14: GULF INTRACOASTAL WATERWAY, 1990-2009
BY COMMODITY GROUP
(million short tons)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Total	**115.4**	**111.0**	**112.3**	**114.9**	**117.6**	**118.0**	**118.0**	**118.1**	**113.6**	**109.6**
Coal	9.2	8.4	8.4	8.4	8.3	8.0	8.3	7.4	8.5	6.1
Petrol & Petrol Prod	62.4	58.4	60.0	58.9	58.1	55.7	54.2	54.2	52.2	50.4
Chem & Rel Prod	22.9	22.2	23.2	23.4	23.6	25.3	24.9	26.2	24.2	24.6
Crude Materials	14.4	14.8	13.9	16.0	19.6	18.3	20.1	21.4	20.1	21.3
Primary Manuf Goods	3.0	3.6	2.9	3.2	3.4	3.9	4.9	4.3	3.8	3.8
Food & Farm Prod	2.2	2.2	2.1	2.6	2.4	1.8	1.9	1.6	1.8	1.7
All Manuf Equip	0.4	0.3	0.5	0.8	0.8	4.1	3.0	2.0	1.9	1.1
Other	0.8	1.1	1.3	1.6	1.4	0.8	0.9	0.9	1.0	0.6

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	**113.8**	**112.2**	**107.7**	**117.8**	**123.3**	**116.1**	**122.6**	**125.1**	**115.9**	**108.1**
Coal	5.9	5.8	4.7	6.4	6.4	4.9	5.3	7.3	6.9	5.3
Petrol & Petrol Prod	53.3	54.5	52.9	56.1	59.7	58.6	64.8	66.1	59.4	61.4
Chem & Rel Prod	25.4	23.7	24.4	26.2	26.8	24.4	23.5	24.0	20.2	17.9
Crude Materials	20.4	20.4	18.2	20.7	22.0	20.1	20.5	19.4	20.8	16.6
Primary Manuf Goods	4.4	4.0	3.5	4.2	4.2	4.4	4.9	5.1	5.6	3.5
Food & Farm Prod	2.1	1.9	1.9	1.8	1.7	1.1	1.2	1.1	1.0	1.3
All Manuf Equip	1.3	1.0	1.3	1.7	1.8	1.3	1.4	1.3	1.1	1.3
Other	1.0	1.0	0.7	0.8	0.8	1.1	1.1	0.8	0.9	0.7

Figure 3-15
PRINCIPAL COMMODITY GROUPS CARRIED BY WATER, 2009
FOR THE GULF INTRACOASTAL WATERWAY
(million short tons and percentage of short tons)

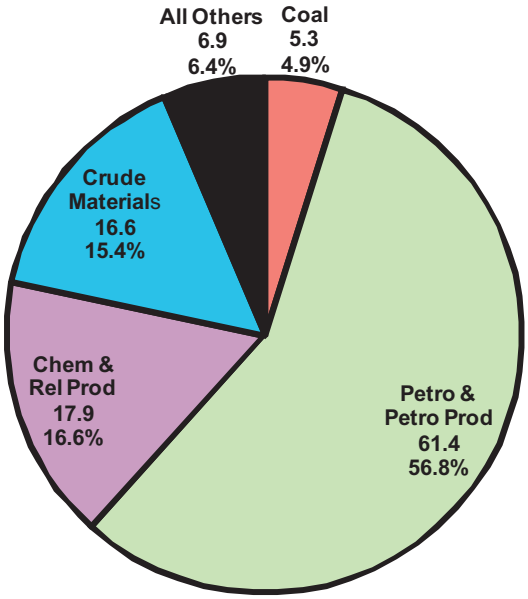


Table 3-15: PRINCIPAL COMMODITIES IN WATERBORNE COMMERCE, 2008-2009
FOR THE GULF INTRACOASTAL WATERWAY
(million short tons)

	2008	2009	% Change
Total Commerce	**115.9**	**108.1**	**-6.7**
Coal	6.9	5.3	-24.1
Petroleum & Petroleum Products	59.4	61.4	3.4
Chemicals & Related Products	20.2	17.9	-11.2
Crude Materials	20.8	16.6	-20.1
Primary Manufactured Goods	5.6	3.5	-36.7
Food & Farm Products	1.0	1.3	30.1
All Manuf Equip	1.1	1.3	17.2
Other	0.9	0.7	-17.7

Figure 3-16
COLUMBIA RIVER, 1990-2009
BY TYPE OF TRAFFIC
(million short tons)

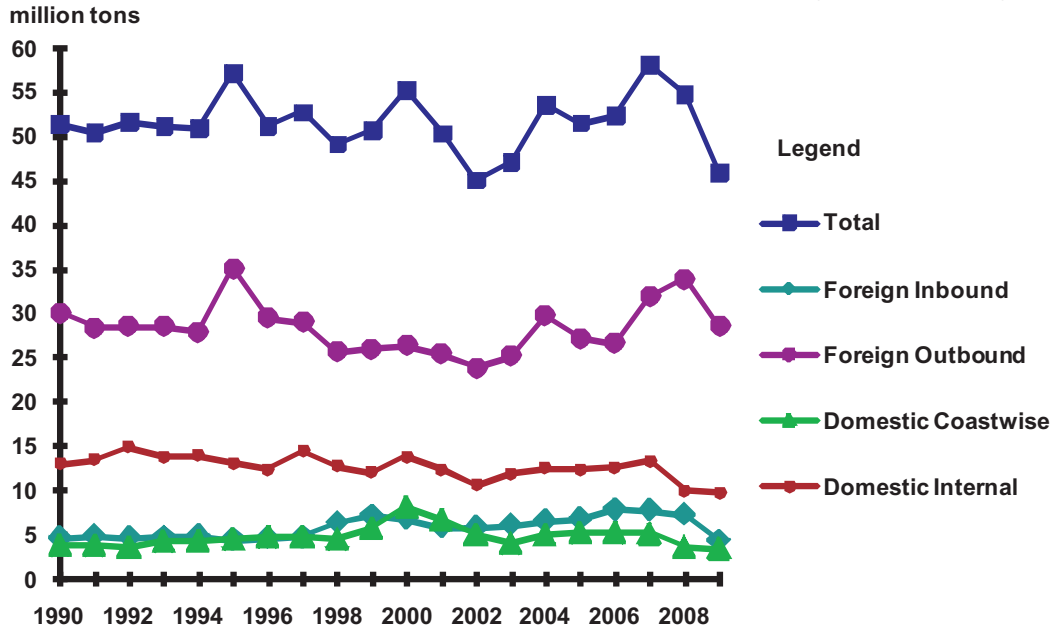


Table 3-16: COLUMBIA RIVER, 1990-2009
BY TYPE OF TRAFFIC*
(million short tons)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Total	**51.4**	**50.4**	**51.6**	**51.2**	**50.9**	**57.1**	**51.2**	**52.7**	**49.1**	**50.7**
Foreign										
Inbound	4.5	4.8	4.6	4.7	4.8	4.4	4.5	4.7	6.3	7.1
Outbound	30.0	28.4	28.5	28.5	27.9	35.1	29.5	28.9	25.6	26.0
Domestic										
Coastwise	3.9	3.8	3.6	4.2	4.3	4.5	4.8	4.8	4.5	5.7
Internal	13.0	13.5	14.9	13.8	13.9	13.1	12.4	14.3	12.7	12.0

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	**55.2**	**50.3**	**45.0**	**47.2**	**53.5**	**51.5**	**52.3**	**58.1**	**54.8**	**46.0**
Foreign										
Inbound	6.8	5.8	5.7	6.0	6.4	6.7	7.8	7.8	7.2	4.2
Outbound	26.4	25.4	23.8	25.2	29.6	27.2	26.6	31.9	33.9	28.5
Domestic										
Coastwise	8.2	6.8	5.0	4.1	5.0	5.2	5.3	5.1	3.7	3.4
Internal	13.8	12.4	10.5	11.8	12.5	12.3	12.6	13.4	10.0	9.8

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

Figure 3-17
COLUMBIA RIVER, 1990-2009
BY COMMODITY GROUP
(million short tons)

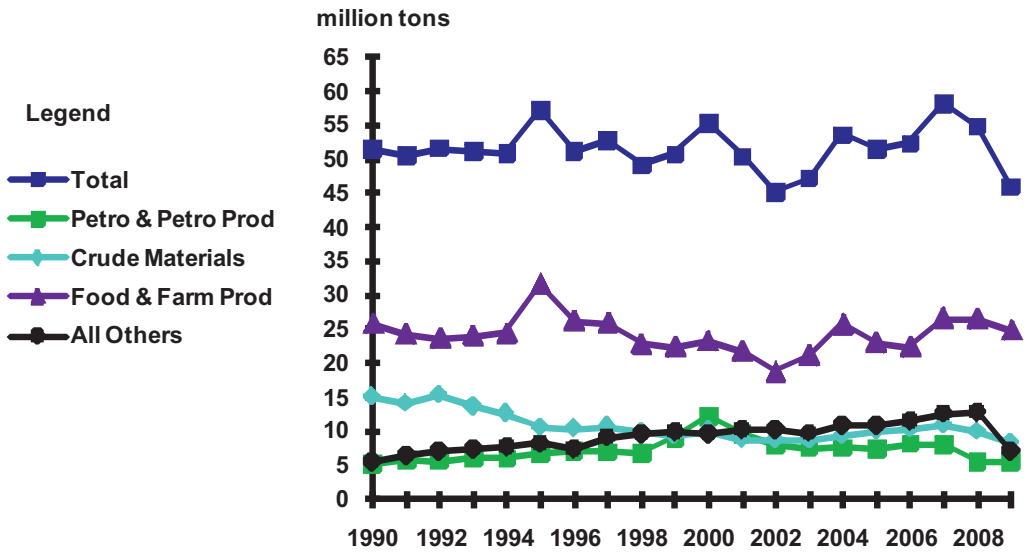


Table 3-17: COLUMBIA RIVER, 1990-2009
BY COMMODITY GROUP
(million short tons)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Total	**51.4**	**50.4**	**51.6**	**51.2**	**50.9**	**57.1**	**51.2**	**52.7**	**49.1**	**50.7**
Coal	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Petro & Petro Prod	5.1	5.8	5.7	6.2	6.0	6.8	7.1	7.0	6.7	9.0
Chem & Rel Prod	2.7	3.1	3.7	4.0	4.1	4.4	3.9	4.9	5.5	5.5
Crude Materials	15.0	14.1	15.3	13.6	12.6	10.5	10.4	10.7	9.8	9.4
Primary Manuf Goods	2.3	2.3	2.5	2.5	2.8	2.9	2.6	2.9	2.9	3.1
Food & Farm Prod	25.7	24.2	23.6	24.0	24.4	31.6	26.2	25.9	22.8	22.4
All Manuf Equip	0.6	0.7	0.7	0.7	0.8	0.8	0.8	1.1	1.0	1.2
Other	0.0	0.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

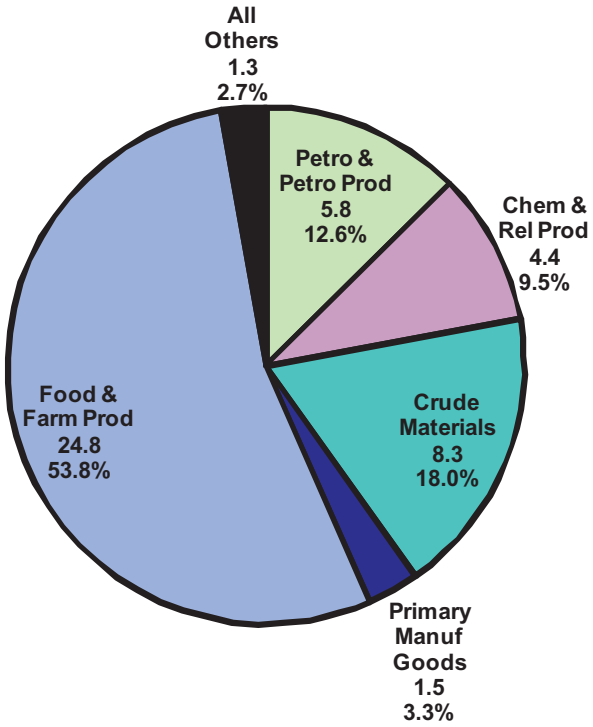
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	**55.2**	**50.3**	**45.0**	**47.2**	**53.5**	**51.5**	**52.3**	**58.1**	**54.8**	**46.0**
Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
Petro & Petro Prod	12.2	9.6	7.9	7.6	7.6	7.5	8.2	8.0	5.6	8.3
Chem & Rel Prod	5.8	5.8	5.6	5.8	6.2	6.5	6.0	7.1	7.6	4.4
Crude Materials	10.1	8.8	8.8	8.7	9.3	10.1	10.3	11.0	10.0	8.3
Primary Manuf Goods	2.6	3.0	2.6	2.6	3.2	3.1	3.7	3.7	3.5	1.5
Food & Farm Prod	23.2	21.7	18.7	21.2	25.6	22.9	22.4	26.6	26.5	24.8
All Manuf Equip	1.1	1.1	1.2	1.1	1.2	1.1	1.4	1.5	1.3	1.0
Other	0.2	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.3	0.3

Table 3-18: PRINCIPAL COMMODITIES IN WATERBORNE COMMERCE, 2008-2009
FOR THE COLUMBIA RIVER
(million short tons)

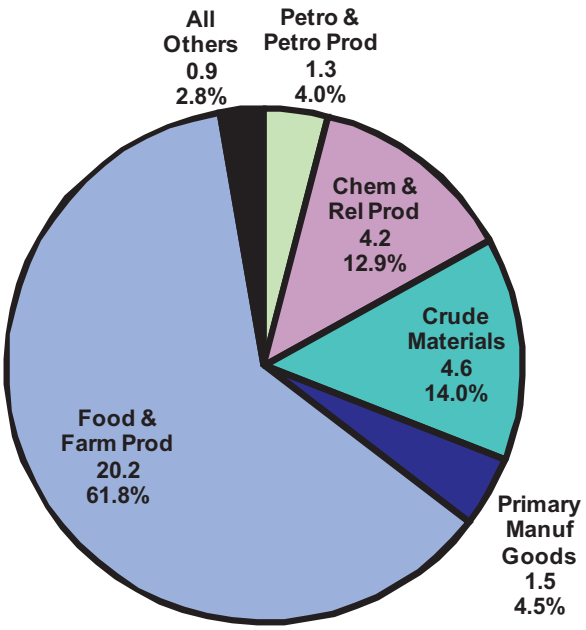
	2008	2009	%Change
Total Commerce	**54.8**	**46.0**	**-16.1**
Coal	-	-	-
Petro & Petro Prod	5.6	5.8	4.2
Chem & Rel Prod	7.6	4.4	-42.0
Crude Materials	10.0	8.3	-17.1
Primary Manuf Goods	3.5	1.5	-56.9
Food & Farm Prod	26.5	24.8	-6.5
All Manuf Equip	1.3	1.0	-27.4
Other	0.3	0.3	-21.5
Foreign Commerce	**39.8**	**32.7**	**-20.3**
Coal	-	-	-
Petro & Petro Prod	1.1	1.3	21.3
Chem & Rel Prod	7.3	4.2	-42.4
Crude Materials	5.2	4.6	-11.9
Primary Manuf Goods	3.4	1.5	-56.9
Food & Farm Prod	22.8	20.2	-11.2
All Manuf Equip	0.0	0.9	-28.3
Other	0.1	0.0	-48.0
Domestic Commerce	**13.7**	**13.2**	**-3.2**
Coal	-	-	-
Petro & Petro Prod	4.5	4.5	0.1
Chem & Rel Prod	0.2	0.2	-30.9
Crude Materials	4.8	3.7	-22.7
Primary Manuf Goods	0.1	0.0	-58.5
Food & Farm Prod	3.7	4.5	22.5
All Manuf Equip	0.1	0.1	-13.6
Other	0.0	0.2	-16.8

Figure 3-18
PRINCIPAL COMMODITY GROUPS CARRIED BY WATER, 2009
FOR THE COLUMBIA RIVER
(million short tons and percentage of short tons)

Total Commerce



Foreign Commerce



Domestic Commerce

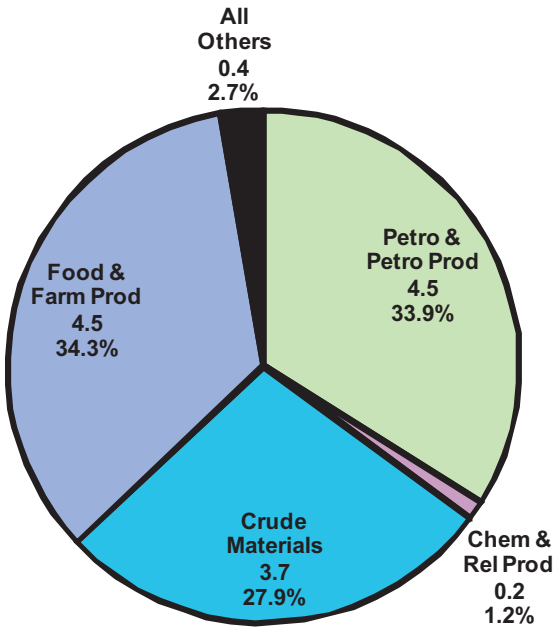


Figure 3-19
SNAKE RIVER, 1990-2009
BY COMMODITY GROUP
(thousand short tons)

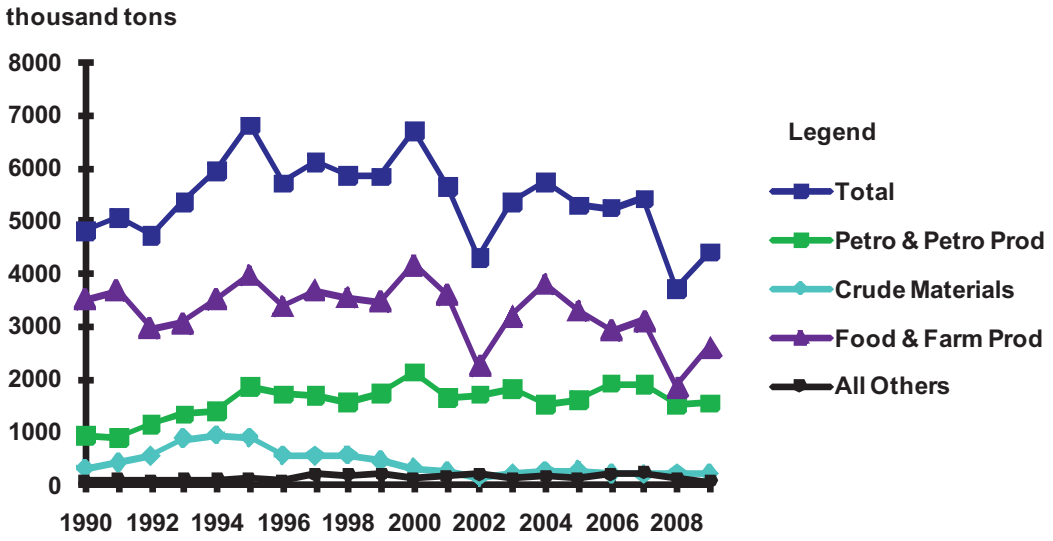


Table 3-19: SNAKE RIVER, 1990-2009
BY COMMODITY GROUP
(thousand short tons)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Total	**4,804.0**	**5,053.2**	**4,719.3**	**5,339.1**	**5,929.1**	**6,803.9**	**5,707.4**	**6,102.5**	**5,840.0**	**5,836.5**
Petro & Petro Prod	920.0	875.1	1,140.4	1,328.9	1,391.3	1,847.6	1,708.8	1,683.2	1,556.0	1,739.0
Chem & Rel Prod	14.8	41.3	35.4	50.9	43.4	41.3	52.0	30.5	53.2	74.3
Crude Materials	304.8	404.1	533.6	858.6	925.9	878.9	548.5	540.2	556.2	444.7
Primary Manuf Goods	53.8	45.0	43.2	40.0	46.0	64.5	18.0	69.8	66.6	71.5
Food & Farm Prod	3,503.2	3,682.4	2,961.4	3,055.8	3,510.7	3,963.6	3,369.1	3,677.6	3,544.6	3,461.9
All Manuf Equip	7.3	5.3	5.3	4.9	11.8	8.0	10.8	101.3	63.5	45.1
Waste & Scrap	-	-		-	-	-	0.2	-	-	-
Other	-	-		-	-	-	-	-	-	-

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	**6,707.1**	**5,638.7**	**4,283.8**	**5,339.1**	**5,720.0**	**5,285.9**	**5,241.8**	**5,415.0**	**3,700.7**	**4,399.0**
Petro & Petro Prod	2,120.5	1,652.3	1704.5	1823.9	1,518.2	1,610.8	1,915.0	1,908.0	1,520.1	1,543.1
Chem & Rel Prod	88.4	59.2	59.9	34.7	36.0	52.6	45.6	27.5	41.4	42.0
Crude Materials	312.5	241.4	136.0	201.6	257.0	270.9	206.5	193.0	210.9	207.7
Primary Manuf Goods	7.8	15.6	2.2	-	33.3	8.4	31.6	51.0	41.7	5.4
Food & Farm Prod	4,162.7	3,594.8	2251.8	3193.1	3,786.6	3,288.5	2,919.9	3,098.9	1,847.0	2,591.8
All Manuf Equip	15.2	75.3	129.3	85.8	88.9	54.8	122.4	133.5	39.6	9.1
Waste & Scrap	-	-	-	-	-	-	0.8	3.1	-	-
Other	-	-	-	-	-	-	-	-	-	-

Figure 3-20
PRINCIPAL COMMODITY GROUPS CARRIED BY WATER, 2009
FOR THE SNAKE RIVER
(thousand short tons and percentage of short tons)

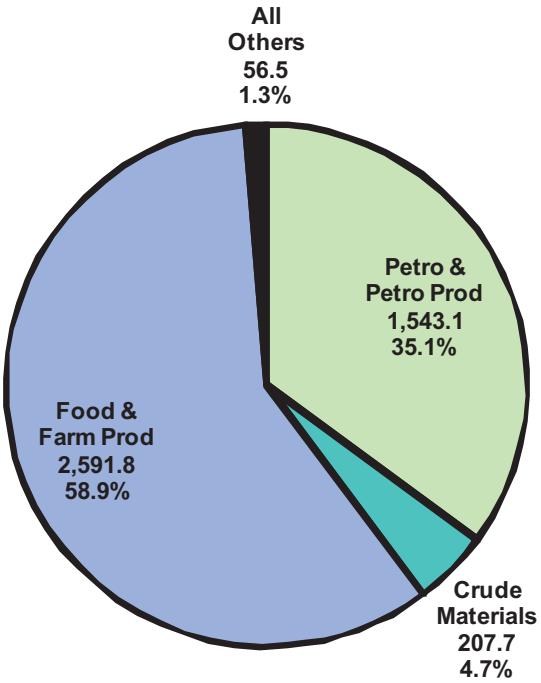


Table 3-20: PRINCIPAL COMMODITIES IN WATERBORNE COMMERCE, 2008-2009
FOR THE SNAKE RIVER
(thousand short tons)

	2008	2009	% Change
Total Commerce	**3,700.7**	**4,399.0**	**18.9**
Petroleum & Petroleum Products	1,520.1	1,543.1	1.5
Chemicals & Related Products	41.4	42.0	1.5
Crude Materials	210.9	207.7	-1.5
Primary Manufactured Goods	41.7	5.4	-87.0
Food & Farm Products	1,847.0	2,591.8	40.3
All Manufactured Equipment	39.6	9.1	-77.1
Waste & Scrap	-	-	-

Table 3-21: DOMESTIC TRAFFIC FOR SELECTED U.S. INLAND WATERWAYS IN 2009
(million short tons, billions of ton-miles[1] and percent change from 2008)

Waterway	Length (miles)	Tons 2009	Tons %	Ton-Miles 2009	Ton-Miles %	Trip[2] Ton-Miles 2009	Trip[2] Ton-Miles %
Atlantic Coast							
Atlantic Intracoastal Waterway VA-FL	793	2.5	-15.2	0.2	-14.1	0.3	-28.0
Intracoastal Wtwy Jacksonville to Miami FL	349	0.1	-28.1	**	-38.3	**	-69.7
Gulf Coast							
Bayou Teche LA	107	1.1	14.9	**	18.0	0.5	21.3
Black Warrior and Tombigbee rivers AL	449	15.7	-21.1	2.7	-22.8	5.1	-18.9
Chocolate Bayou TX	13	1.0	-66.9	**	-66.9	0.4	-35.1
Gulf Intracoastal Waterway TX-FL	1,109	108.1	-6.7	16.6	-9.5	47.7	-11.1
GIWW: Morgan City-Port Allen LA	64	16.4	-29.9	1.0	-34.7	14.8	-31.8
Petit Anse Tigre Carlin bayous LA	16	2.2	-17.4	**	-16.1	3.1	-19.3
Tennessee-Tombigbee Waterway AL and MS	234	5.8	-10.9	1.0	-6.2	3.7	-9.5
Mississippi River System							
Allegheny River PA	72	2.0	-19.7	**	-9.8	0.4	-41.0
Atchafalaya River LA	121	7.8	-18.3	0.8	20.3	5.9	-9.3
Big Sandy River KY and WV	27	11.1	-35.9	**	-37.5	5.2	-27.7
Cumberland River KY and TN	381	20.8	-10.7	2.1	-12.7	9.8	-3.0
Green and Barren rivers KY	109	11.1	21.6	0.7	23.8	3.8	11.3
Illinois Waterway IL	357	36.4	-2.3	6.5	-2.3	34.1	1.2
J. Bennett Johnston Waterway LA	218	9.9	34.4	0.4	28.6	7.9	32.7
Kanawha River WV	91	18.5	-8.4	1.2	-12.9	7.3	-31.3
McClellan-Kerr Arkansas R. Nav. Sys. AR/OK	462	10.8	-2.3	2.4	3.0	6.4	2.3
Mississippi River Mpls MN to Mouth of Passes	1,814	279.8	-5.2	150.9	-1.6	195.1	-5.6
Minneapolis MN to Mouth of Missouri River	663	62.2	2.5	11.5	17.2	69.0	9.0
Mouth of Missouri R. to Mouth of Ohio R.	195	104.3	5.7	17.0	7.5	104.5	8.5
Mouth of Ohio River up to Baton Rouge LA	720	166.3	-5.7	101.8	-4.4	169.8	-5.3
Baton Rouge up to New Orleans LA3	130	192.5	-6.2	15.6	-2.4	155.6	-7.3
New Orleans LA to Mouth of Passes3	106	113.5	-2.4	5.1	-3.4	60.0	-6.6
Missouri R. (MO KS NE & IA) to Sioux City IA	732	5.0	-11.2	0.1	33.2	0.2	-11.9
Monongahela River PA and WV	129	20.9	-25.2	1.0	-24.7	6.7	-13.6
Ohio River PA WV OH KY IN and IL	981	207.2	-10.2	49.7	-12.3	103.7	-14.7
Ouachita and Black Rivers AR and LA	332	1.3	-26.9	0.2	-27.1	0.6	-29.7
Tennessee River TN KY MS and AL	652	39.2	-21	4.1	-22.5	22.9	-7.7
Pacific Coast							
Columbia River System OR WA and ID[3]	596	13.6	-3.9	2.2	7.2	1.9	9.1
Columbia River and Willamette River below Vancouver WA and Portland OR[3]	113	13.4	-2.9	0.5	-2.2	1.9	10.7
Vancouver WA to The Dalles OR	85	8.2	-0.6	0.6	1.9	1.9	9.8
The Dalles Dam to McNary Lock and Dam	100	7.0	1.5	0.6	11.4	1.8	10.2
Above McNary L & D to Kennewick WA	39	5.7	17.5	0.2	16.0	1.6	19.7
Snake River (WA and ID) to Lewiston ID	141	4.4	18.9	0.3	24.8	1.3	21.3
Willamette River above Portland OR	118	0.5	-59.6	**	**	**	-79.7

1. ** denotes ton-miles of less than 50 million.
2. Internal and intraport tons times total distance from origin to destination.
3. Includes coastwise entrance channel miles for tons and ton-miles but not for trip ton-miles.

Section 4
States

Table 4-1: WATERBORNE COMMERCE BY STATES, 2009
(thousand short tons)

State	Grand Totals*	Shipping Domestic	Shipping Foreign	Receiving Domestic	Receiving Foreign	Intrastate
Total	**2,210,752**	**599,485**	**494,753**	**599,485**	**858,914**	**257,600**
Alabama	66,212	11,791	12,242	15,467	15,595	11,117
Alaska	46,179	35,147	4,089	2,471	1,559	2,913
Arkansas	10,408	4,571	-	3,934	-	1,903
California	201,814	5,337	57,192	19,451	106,223	13,610
Connecticut	16,767	1,104	378	9,428	4,756	1,101
Delaware	23,614	11,663	819	1,899	7,572	1,662
District of Columbia	119	-	-	119	-	-
Florida	98,091	8,010	17,428	42,579	29,008	1,067
Georgia	34,432	573	14,976	424	17,479	981
Guam	444	71	-	373	-	-
Hawaii	18,997	886	538	3,565	8,780	5,229
Idaho	692	633	-	59	-	-
Illinois	119,078	90,741	896	13,538	2,592	11,311
Indiana	56,453	13,427	188	39,038	1,120	2,679
Iowa	11,774	7,500	-	3,470	-	805
Kansas	519	518	-	1	-	-
Kentucky	86,042	43,786	-	23,957	-	18,299
Louisiana	449,274	81,192	109,588	124,421	91,229	42,845
Maine	22,996	133	266	1,618	20,862	116
Maryland	35,323	3,985	10,113	7,442	12,242	1,540
Massachusetts	25,018	306	1,596	8,631	14,244	241
Michigan	52,115	17,031	4,650	17,544	4,753	8,137
Minnesota	28,667	18,496	3,173	5,642	356	999
Mississippi	52,229	11,874	7,260	9,809	22,793	493
Missouri	24,110	14,270	-	4,158	-	5,682
Nebraska	179	65	-	114	-	-
New Hampshire	3,583	2	146	511	2,924	-
New Jersey	155,569	33,539	19,112	20,706	70,180	12,030
New York	51,960	7,770	4,561	17,785	16,137	5,707
North Carolina	10,723	112	2,439	1,638	4,419	2,115
Ohio	90,628	21,834	5,570	51,298	5,601	6,325
Oklahoma	3,845	2,031	-	1,791	-	22
Oregon	26,886	2,864	13,105	6,125	2,699	2,094
Other	54,975	3,740	-	5,714	45,522	-
Pacific Islands	241	198	-	42	-	-
Pennsylvania	90,846	15,590	1,592	25,339	37,621	10,704
Puerto Rico	22,207	598	1,225	7,055	11,613	1,716
Rhode Island	8,404	843	289	2,947	4,285	40
South Carolina	15,972	180	5,019	1,584	8,482	707
Tennessee	38,208	7,485	-	28,151	-	2,571
Texas	451,843	32,288	103,346	22,187	236,166	57,856
Trans-shipment Area**	-	-	-	-	-	-
Virgin Islands	39,889	18,094	2,635	-	18,809	352
Virginia	67,162	8,145	39,650	3,539	11,632	4,196
Washington	107,009	10,741	45,956	23,242	19,160	7,910
West Virginia	58,092	32,946	-	15,048	-	10,098
Wisconsin	30,649	17,374	4,718	5,632	2,501	425

* 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, 2009, RANKED BY TONNAGE
(thousand short tons)

State	Grand Totals*	Shipping Domestic	Shipping Foreign	Receiving Domestic	Receiving Foreign	Intrastate
Total	**2,210,752**	**599,485**	**494,753**	**599,485**	**858,914**	**257,600**
Louisiana	449,274	81,192	109,588	124,421	91,229	42,845
Texas	451,843	32,288	103,346	22,187	236,166	57,856
Illinois	119,078	90,741	896	13,538	2,592	11,311
California	201,814	5,337	57,192	19,451	106,223	13,610
Washington	107,009	10,741	45,956	23,242	19,160	7,910
Kentucky	86,042	43,786	-	23,957	-	18,299
New Jersey	155,569	33,539	19,112	20,706	70,180	12,030
Ohio	90,628	21,834	5,570	51,298	5,601	6,325
Florida	98,091	8,010	17,428	42,579	29,008	1,067
West Virginia	58,092	32,946	-	15,048	-	10,098
Virginia	67,162	8,145	39,650	3,539	11,632	4,196
Indiana	56,453	13,427	188	39,038	1,120	2,679
Pennsylvania	90,846	15,590	1,592	25,339	37,621	10,704
Alabama	66,212	11,791	12,242	15,467	15,595	11,117
Michigan	52,115	17,031	4,650	17,544	4,753	8,137
Alaska	46,179	35,147	4,089	2,471	1,559	2,913
Tennessee	38,208	7,485	-	28,151	-	2,571
New York	51,960	7,770	4,561	17,785	16,137	5,707
Mississippi	52,229	11,874	7,260	9,809	22,793	493
Minnesota	28,667	18,496	3,173	5,642	356	999
Wisconsin	30,649	17,374	4,718	5,632	2,501	425
Oregon	26,886	2,864	13,105	6,125	2,699	2,094
Missouri	24,110	14,270	-	4,158	-	5,682
Maryland	35,323	3,985	10,113	7,442	12,242	1,540
Virgin Islands	39,889	18,094	2,635	-	18,809	352
Georgia	34,432	573	14,976	424	17,479	981
Delaware	23,614	11,663	819	1,899	7,572	1,662
Connecticut	16,767	1,104	378	9,428	4,756	1,101
Iowa	11,774	7,500	-	3,470	-	805
Massachusetts	25,018	306	1,596	8,631	14,244	241
Puerto Rico	22,207	598	1,225	7,055	11,613	1,716
Arkansas	10,408	4,571	-	3,934	-	1,903
Hawaii	18,997	886	538	3,565	8,780	5,229
Other	54,975	3,740	-	5,714	45,522	-
South Carolina	15,972	180	5,019	1,584	8,482	707
North Carolina	10,723	112	2,439	1,638	4,419	2,115
Rhode Island	8,404	843	289	2,947	4,285	40
Oklahoma	3,845	2,031	-	1,791	-	22
Maine	22,996	133	266	1,618	20,862	116
Idaho	692	633	-	59	-	-
New Hampshire	3,583	2	146	511	2,924	-
Kansas	519	518	-	1	-	-
Guam	444	71	-	373	-	-
Pacific Islands	241	198	-	42	-	-
Nebraska	179	65	-	114	-	-
District of Columbia	119	-	-	119	-	-
Trans-shipment Area**	-	-	-	-	-	-

* 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, 2008 AND 2009*
(thousand pounds)

State	2008	2009	% Change	Year	Record Landing
Total	**8,325,814**	**7,867,333**	**-5.5**	**-**	**-**
Alabama	24,534	27,633	12.6	1973	36,744
Alaska	4,533,624	4,064,032	-10.4	1993	5,905,638
California	321,145	383,649	19.5	1936	1,760,193
Connecticut	7,073	7,832	10.7	1930	88,012
Delaware	4,598	4,370	-5.0	1953	367,500
Florida	84,746	88,820	4.8	1954	264,564
Georgia	8,639	7,363	-14.8	1927	47,607
Hawaii	30,651	26,906	-12.2	1999	36,907
Illinois	-	-	-	-	**
Indiana	-	-	-	-	**
Louisiana	915,956	1,000,815	9.3	1984	1,931,027
Maine	174,478	183,366	5.1	1950	356,266
Maryland	61,372	55,884	-8.9	1890	141,607
Massachusetts	326,064	356,021	9.2	1948	649,696
Michigan	9,998	9,307	-6.9	1930	35,580
Minnesota	318	333	4.7	-	**
Mississippi	201,822	230,284	14.1	1984	476,997
New Hampshire	10,951	13,885	26.8	-	**
New Jersey	162,463	161,593	-0.5	1956	540,060
New York	33,909	34,096	0.6	1880	335,000
North Carolina	71,331	68,804	-3.5	1981	432,006
Ohio	4,493	4,184	-6.9	1936	31,083
Oregon	195,733	198,909	1.6	2005	312,659
Pennsylvania	50	49	-2.0	-	**
Rhode Island	71,707	84,497	17.8	1957	142,080
South Carolina	9,948	9,438	-5.1	1965	26,611
Texas	72,469	99,497	37.3	1960	237,684
Utah	-	-	-	-	**
Virginia	415,719	417,449	0.4	1990	786,794
Washington	568,647	324,953	-42.9	2005	544,314
Wisconsin	3,376	3,364	-0.4	-	**

Source: Personal communication from the National Marine Fisheries Service, Fisheries Statistics and Economics Division, Silver Spring, MD. Data are preliminary.

* 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, 2009
(short tons)

Rank	Port Name	Grand Total	Foreign Total	Foreign Inbound	Foreign Outbound	Domestic
55	Albany, NY	7,177,977	876,020	470,069	405,951	6,301,957
95	Alpena, MI	2,199,097	336,121	180,894	155,227	1,862,976
44	Anacortes, WA	10,430,937	2,212,984	916,798	1,296,186	8,217,953
96	Anchorage, AK	2,192,610	304,301	258,064	46,237	1,888,309
81	Ashtabula, OH	3,448,375	1,889,104	612,860	1,276,244	1,559,271
26	Baltimore, MD	30,136,169	20,253,262	10,472,328	9,780,934	9,882,907
49	Barbers Point, Oahu, HI	9,669,583	8,364,972	8,124,112	240,860	1,304,611
13	Baton Rouge, LA	51,917,597	17,833,927	11,225,382	6,608,545	34,083,670
7	Beaumont, TX	67,715,469	43,286,648	36,873,234	6,413,414	24,428,821
86	Biloxi, MS	3,233,250	-	-	-	3,233,250
34	Boston, MA	20,455,925	13,503,674	11,961,078	1,542,596	6,952,251
73	Bridgeport, CT	4,576,963	1,866,427	1,866,427	-	2,710,536
72	Brownsville, TX	4,674,329	3,143,759	2,928,230	215,529	1,530,570
101	Brunswick, GA	2,093,808	2,066,192	784,325	1,281,867	27,616
120	Buffalo, NY	1,366,732	455,353	158,396	296,957	911,379
122	Buffington, IN	1,301,174	386,126	386,126	-	915,048
77	Burns Waterway Harbor, IN	4,026,259	245,049	172,868	72,181	3,781,210
71	Calcite, MI	4,796,170	748,847	-	748,847	4,047,323
65	Camden-Gloucester, NJ	5,699,995	3,568,051	2,502,445	1,065,606	2,131,944
40	Charleston, SC	15,834,464	13,455,571	8,436,693	5,018,878	2,378,893
114	Chattanooga, TN	1,601,311	-	-	-	1,601,311
138	Chester, PA	881,164	757,481	537,273	220,208	123,683
36	Chicago, IL	19,228,125	3,488,012	2,592,408	895,604	15,740,113
42	Cincinnati, OH	11,767,981	-	-	-	11,767,981
64	Cleveland, OH	6,075,920	1,433,814	1,269,813	164,001	4,642,106
87	Conneaut, OH	3,121,791	278,679	270,204	8,475	2,843,112
121	Coos Bay, OR	1,328,340	1,081,156	34,973	1,046,183	247,184
5	Corpus Christi, TX	68,239,968	50,804,314	39,673,722	11,130,592	17,435,654
51	Detroit, MI	9,014,002	3,118,289	2,704,474	413,815	5,895,713
128	Drummond Island, MI	1,040,442	232,573	-	232,573	807,869
25	Duluth-Superior, MN and WI	30,226,449	7,755,460	509,088	7,246,372	22,470,989
147	Elvis Stahr Harbor, KY	633,659	-	-	-	633,659
69	Escanaba, MI	4,854,640	53,883	35,888	17,995	4,800,757
129	Everett, WA	1,005,820	447,015	121,271	325,744	558,805
125	Fairport Harbor, OH	1,121,631	260,361	32,174	228,187	861,270
82	Fall River, MA	3,423,340	1,494,067	1,494,067	-	1,929,273
27	Freeport, TX	27,362,765	23,337,698	21,093,998	2,243,700	4,025,067
47	Galveston, TX	9,791,907	4,543,707	1,105,885	3,437,822	5,248,200
63	Gary, IN	6,388,914	389,680	356,620	33,060	5,999,234
139	Grand Haven, MI	867,900	233,224	233,224	-	634,676
123	Grays Harbor, WA	1,162,441	916,474	56,765	859,709	245,967
100	Green Bay, WI	2,103,726	451,104	451,104	-	1,652,622
99	Greenville, MS	2,114,517	-	-	-	2,114,517
108	Gulfport, MS	1,867,820	1,843,467	1,286,636	556,831	24,353
110	Guntersville, AL	1,746,241	-	-	-	1,746,241
115	Helena, AR	1,566,175	-	-	-	1,566,175
144	Hempstead, NY	657,827	-	-	-	657,827
127	Hilo, HI	1,088,127	12,126	7,636	4,490	1,076,001
50	Honolulu, HI	9,161,378	792,130	501,943	290,187	8,369,248
135	Hopewell, VA	888,661	292,209	49,451	242,758	596,452

Table 5-1: SELECTED U.S. PORTS BY PORT NAME, 2009 - continued
(short tons)

Rank	Port Name	Grand Total	Foreign Total	Foreign Inbound	Foreign Outbound	Domestic
2	Houston, TX	211,340,972	147,969,451	84,629,722	63,339,729	63,371,521
8	Huntington - Tristate	59,171,545	-	-	-	59,171,545
52	Indiana Harbor, IN	8,197,993	294,463	212,031	82,432	7,903,530
38	Jacksonville, FL	17,686,279	10,638,603	9,040,120	1,598,483	7,047,676
97	Kahului, Maui, HI	2,139,458	97,538	97,538	-	2,041,920
46	Kalama, WA	9,911,832	9,302,020	283,096	9,018,924	609,812
106	Kansas City, MO	1,934,071	-	-	-	1,934,071
126	Kawaihae Harbor, HI	1,112,310	-	-	-	1,112,310
89	Kivilina, AK	2,677,790	1,275,383	-	1,275,383	1,402,407
11	Lake Charles, LA	52,252,099	32,621,755	27,564,890	5,056,865	19,630,344
146	Lake Providence, LA	634,676	-	-	-	634,676
4	Long Beach, CA	72,500,221	58,572,609	37,283,269	21,289,340	13,927,612
68	Longview, WA	5,100,195	3,911,496	852,602	3,058,894	1,188,699
9	Los Angeles, CA	58,406,060	51,399,625	31,278,985	20,120,640	7,006,435
67	Louisville, KY	5,352,587	-	-	-	5,352,587
102	Marblehead, OH	2,091,884	472,452	59,955	412,497	1,619,432
30	Marcus Hook, PA	24,568,869	16,439,253	16,159,451	279,802	8,129,616
149	Marquette, MI	625,623	115,875	115,875	0	509,748
58	Matagorda Port Lv Pt Com, TX	6,950,790	5,559,929	3,718,460	1,841,469	1,390,861
41	Memphis, TN	13,980,433	-	-	-	13,980,433
61	Miami, FL	6,771,535	6,252,396	3,061,298	3,191,098	519,139
83	Milwaukee, WI	3,381,200	1,698,842	1,515,508	183,334	1,682,358
12	Mobile, AL	52,219,034	27,836,434	15,595,340	12,241,094	24,382,600
117	Monroe, MI	1,453,050	29,353	29,353	-	1,423,697
85	Morehead City, NC	3,278,457	1,661,332	556,543	1,104,789	1,617,125
98	Morgan City, La, Port of	2,128,758	1,427	1,427	-	2,127,331
66	Mount Vernon, IN	5,554,763	-	-	-	5,554,763
111	Muskegon, MI	1,736,861	252,703	252,703	-	1,484,158
103	Nashville, TN	1,997,948	-	-	-	1,997,948
131	Nawiliwili, Kauai, HI	951,067	2,668	2,668	-	948,399
54	New Castle, DE	7,582,549	3,922,730	3,660,307	262,423	3,659,819
45	New Haven, CT	10,135,297	3,234,487	2,856,482	378,005	6,900,810
6	New Orleans, LA	68,126,087	31,057,829	14,143,810	16,914,019	37,068,258
3	New York, NY and NJ	144,689,593	83,469,086	64,032,262	19,436,824	61,220,507
37	Newport News, VA	18,043,126	13,901,123	227,030	13,674,093	4,142,003
76	Nikishka, AK	4,065,074	1,344,417	700,554	643,863	2,720,657
15	Norfolk Harbor, VA	40,325,961	33,723,750	8,192,966	25,530,784	6,602,211
39	Oakland, CA	17,405,784	15,005,441	5,434,688	9,570,753	2,400,343
130	Olympia, WA	994,759	452,548	88,656	363,892	542,211
150	Orange, TX	622,733	-	-	-	622,733
91	Palm Beach, FL	2,341,642	1,343,863	353,570	990,293	997,779
90	Panama City, FL	2,461,497	1,203,608	495,522	708,086	1,257,889
16	Pascagoula, MS	36,617,585	28,209,650	21,506,634	6,703,016	8,407,935
24	Paulsboro, NJ	30,258,416	18,901,287	16,904,554	1,996,733	11,357,129
107	Penn Manor, PA	1,923,462	1,808,556	1,135,214	673,342	114,906
140	Pensacola, FL	770,180	122,516	105,630	16,886	647,664
22	Philadelphia, PA	31,750,604	20,318,835	19,899,793	419,042	11,431,769
20	Pittsburgh, PA	32,891,355	-	-	-	32,891,355
14	Plaquemines, LA, Port of	50,869,280	16,160,880	2,215,295	13,945,585	34,708,400
94	Ponce, PR	2,213,836	2,210,319	1,823,653	386,666	3,517

Table 5-1: SELECTED U.S. PORTS BY PORT NAME, 2009 - continued
(short tons)

Rank	Port Name	Grand Total	Foreign Total	Foreign Inbound	Foreign Outbound	Domestic
145	Port Angeles, WA	648,592	174,441	34,032	140,409	474,151
19	Port Arthur, TX	33,804,199	24,385,235	14,440,672	9,944,563	9,418,964
93	Port Canaveral, FL	2,300,926	1,956,774	1,834,118	122,656	344,152
92	Port Dolomite, MI	2,331,333	287,522	-	287,522	2,043,811
35	Port Everglades, FL	20,058,993	9,601,999	6,777,336	2,824,663	10,456,994
119	Port Hueneme, CA	1,371,790	1,301,369	1,225,574	75,795	70,421
80	Port Inland, MI	3,506,135	315,182	-	315,182	3,190,953
104	Port Jefferson, NY	1,954,608	-	-	-	1,954,608
88	Port Manatee, FL	2,897,599	2,587,869	1,498,513	1,089,356	309,730
33	Portland, ME	21,001,697	19,533,992	19,517,986	16,006	1,467,705
31	Portland, OR	23,307,489	14,381,814	2,335,009	12,046,805	8,925,675
78	Portsmouth, NH	3,582,750	3,069,638	2,923,658	145,980	513,112
57	Presque Isle, MI	6,989,563	1,783,776	-	1,783,776	5,205,787
59	Providence, RI	6,927,656	3,850,504	3,561,111	289,393	3,077,152
133	Redwood City, CA	907,220	852,393	501,107	351,286	54,827
28	Richmond, CA	25,362,626	14,370,577	12,384,960	1,985,617	10,992,049
118	Richmond, VA	1,429,482	107,483	68,034	39,449	1,321,999
137	Rosedale, MS	885,918	-	-	-	885,918
142	Sabine Pass, TX	753,338	-	-	-	753,338
148	Salem, MA	628,928	609,330	609,330	-	19,598
124	San Diego, CA	1,137,054	956,637	945,772	10,865	180,417
136	San Francisco, CA	888,216	588,531	568,792	19,739	299,685
43	San Juan, PR	11,295,229	4,973,226	4,224,628	748,598	6,322,003
112	Sandusky, OH	1,653,542	749,883	17,778	732,105	903,659
21	Savannah, GA	32,338,995	30,388,759	16,694,456	13,694,303	1,950,236
116	Searsport, ME	1,490,418	1,300,623	1,300,623	-	189,795
29	Seattle, WA	24,607,832	19,445,137	6,881,937	12,563,200	5,162,695
134	Seward, AK	903,662	886,374	16	886,358	17,288
79	Silver Bay, MN	3,551,684	485,722	24,002	461,720	3,065,962
1	South Louisiana, LA, Port of	212,580,811	103,077,456	36,016,778	67,060,678	109,503,355
141	Southeast Missouri Port, MO	758,017	-	-	-	758,017
53	St. Clair, MI	8,073,962	-	-	-	8,073,962
23	St. Louis, MO and IL	31,336,831	-	-	-	31,336,831
75	St. Paul, MN	4,148,342	-	-	-	4,148,342
143	Stamford, CT	693,342	-	-	-	693,342
113	Stockton, CA	1,632,931	1,599,304	972,376	626,928	33,627
70	Stoneport, MI	4,847,228	243,684	-	243,684	4,603,544
32	Tacoma, WA	23,165,295	17,606,993	4,634,259	12,972,734	5,558,302
17	Tampa, FL	34,888,052	12,083,909	5,767,967	6,315,942	22,804,143
10	Texas City, TX	52,632,461	36,475,801	31,701,199	4,774,602	16,156,660
48	Toledo, OH	9,682,178	5,835,474	3,137,788	2,697,686	3,846,704
109	Tulsa, Port of Catoosa, OK	1,761,841	-	-	-	1,761,841
56	Two Harbors, MN	7,095,686	-	-	-	7,095,686
132	Unalaska Island, AK	911,023	534,445	102,435	432,010	376,578
18	Valdez, AK	34,473,090	7,659	7,659	-	34,465,431
60	Vancouver, WA	6,818,889	5,127,625	762,702	4,364,923	1,691,264
84	Vicksburg, MS	3,315,676	-	-	-	3,315,676
105	Victoria, TX	1,951,820	-	-	-	1,951,820
74	Wilmington, DE	4,482,223	3,260,976	2,703,968	557,008	1,221,247
62	Wilmington, NC	6,715,576	4,878,873	3,544,741	1,334,132	1,836,703

Table 5-2: SELECTED U.S. PORTS BY PORT NAME, 2009, RANKED BY TOTAL TONS
(short tons)

Rank	Port Name	Grand Total	Foreign Total	Foreign Inbound	Foreign Outbound	Domestic
1	South Louisiana, LA, Port of	212,580,811	103,077,456	36,016,778	67,060,678	109,503,355
2	Houston, TX	211,340,972	147,969,451	84,629,722	63,339,729	63,371,521
3	New York, NY and NJ	144,689,593	83,469,086	64,032,262	19,436,824	61,220,507
4	Long Beach, CA	72,500,221	58,572,609	37,283,269	21,289,340	13,927,612
5	Corpus Christi, TX	68,239,968	50,804,314	39,673,722	11,130,592	17,435,654
6	New Orleans, LA	68,126,087	31,057,829	14,143,810	16,914,019	37,068,258
7	Beaumont, TX	67,715,469	43,286,648	36,873,234	6,413,414	24,428,821
8	Huntington - Tristate	59,171,545	-	-	-	59,171,545
9	Los Angeles, CA	58,406,060	51,399,625	31,278,985	20,120,640	7,006,435
10	Texas City, TX	52,632,461	36,475,801	31,701,199	4,774,602	16,156,660
11	Lake Charles, LA	52,252,099	32,621,755	27,564,890	5,056,865	19,630,344
12	Mobile, AL	52,219,034	27,836,434	15,595,340	12,241,094	24,382,600
13	Baton Rouge, LA	51,917,597	17,833,927	11,225,382	6,608,545	34,083,670
14	Plaquemines, LA, Port of	50,869,280	16,160,880	2,215,295	13,945,585	34,708,400
15	Norfolk Harbor, VA	40,325,961	33,723,750	8,192,966	25,530,784	6,602,211
16	Pascagoula, MS	36,617,585	28,209,650	21,506,634	6,703,016	8,407,935
17	Tampa, FL	34,888,052	12,083,909	5,767,967	6,315,942	22,804,143
18	Valdez, AK	34,473,090	7,659	7,659	-	34,465,431
19	Port Arthur, TX	33,804,199	24,385,235	14,440,672	9,944,563	9,418,964
20	Pittsburgh, PA	32,891,355	-	-	-	32,891,355
21	Savannah, GA	32,338,995	30,388,759	16,694,456	13,694,303	1,950,236
22	Philadelphia, PA	31,750,604	20,318,835	19,899,793	419,042	11,431,769
23	St. Louis, MO and IL	31,336,831	-	-	-	31,336,831
24	Paulsboro, NJ	30,258,416	18,901,287	16,904,554	1,996,733	11,357,129
25	Duluth-Superior, MN and WI	30,226,449	7,755,460	509,088	7,246,372	22,470,989
26	Baltimore, MD	30,136,169	20,253,262	10,472,328	9,780,934	9,882,907
27	Freeport, TX	27,362,765	23,337,698	21,093,998	2,243,700	4,025,067
28	Richmond, CA	25,362,626	14,370,577	12,384,960	1,985,617	10,992,049
29	Seattle, WA	24,607,832	19,445,137	6,881,937	12,563,200	5,162,695
30	Marcus Hook, PA	24,568,869	16,439,253	16,159,451	279,802	8,129,616
31	Portland, OR	23,307,489	14,381,814	2,335,009	12,046,805	8,925,675
32	Tacoma, WA	23,165,295	17,606,993	4,634,259	12,972,734	5,558,302
33	Portland, ME	21,001,697	19,533,992	19,517,986	16,006	1,467,705
34	Boston, MA	20,455,925	13,503,674	11,961,078	1,542,596	6,952,251
35	Port Everglades, FL	20,058,993	9,601,999	6,777,336	2,824,663	10,456,994
36	Chicago, IL	19,228,125	3,488,012	2,592,408	895,604	15,740,113
37	Newport News, VA	18,043,126	13,901,123	227,030	13,674,093	4,142,003
38	Jacksonville, FL	17,686,279	10,638,603	9,040,120	1,598,483	7,047,676
39	Oakland, CA	17,405,784	15,005,441	5,434,688	9,570,753	2,400,343
40	Charleston, SC	15,834,464	13,455,571	8,436,693	5,018,878	2,378,893
41	Memphis, TN	13,980,433	-	-	-	13,980,433
42	Cincinnati, OH	11,767,981	-	-	-	11,767,981
43	San Juan, PR	11,295,229	4,973,226	4,224,628	748,598	6,322,003
44	Anacortes, WA	10,430,937	2,212,984	916,798	1,296,186	8,217,953
45	New Haven, CT	10,135,297	3,234,487	2,856,482	378,005	6,900,810
46	Kalama, WA	9,911,832	9,302,020	283,096	9,018,924	609,812
47	Galveston, TX	9,791,907	4,543,707	1,105,885	3,437,822	5,248,200
48	Toledo, OH	9,682,178	5,835,474	3,137,788	2,697,686	3,846,704
49	Barbers Point, Oahu, HI	9,669,583	8,364,972	8,124,112	240,860	1,304,611
50	Honolulu, HI	9,161,378	792,130	501,943	290,187	8,369,248

Table 5-2: SELECTED U.S. PORTS BY PORT NAME, 2009, RANKED BY TOTAL TONS - continued
(short tons)

Rank	Port Name	Grand Total	Foreign Total	Foreign Inbound	Foreign Outbound	Domestic
51	Detroit, MI	9,014,002	3,118,289	2,704,474	413,815	5,895,713
52	Indiana Harbor, IN	8,197,993	294,463	212,031	82,432	7,903,530
53	St. Clair, MI	8,073,962	-	-	-	8,073,962
54	New Castle, DE	7,582,549	3,922,730	3,660,307	262,423	3,659,819
55	Albany, NY	7,177,977	876,020	470,069	405,951	6,301,957
56	Two Harbors, MN	7,095,686	-	-	-	7,095,686
57	Presque Isle, MI	6,989,563	1,783,776	-	1,783,776	5,205,787
58	Matagorda Port Lv Pt Com, TX	6,950,790	5,559,929	3,718,460	1,841,469	1,390,861
59	Providence, RI	6,927,656	3,850,504	3,561,111	289,393	3,077,152
60	Vancouver, WA	6,818,889	5,127,625	762,702	4,364,923	1,691,264
61	Miami, FL	6,771,535	6,252,396	3,061,298	3,191,098	519,139
62	Wilmington, NC	6,715,576	4,878,873	3,544,741	1,334,132	1,836,703
63	Gary, IN	6,388,914	389,680	356,620	33,060	5,999,234
64	Cleveland, OH	6,075,920	1,433,814	1,269,813	164,001	4,642,106
65	Camden-Gloucester, NJ	5,699,995	3,568,051	2,502,445	1,065,606	2,131,944
66	Mount Vernon, IN	5,554,763	-	-	-	5,554,763
67	Louisville, KY	5,352,587	-	-	-	5,352,587
68	Longview, WA	5,100,195	3,911,496	852,602	3,058,894	1,188,699
69	Escanaba, MI	4,854,640	53,883	35,888	17,995	4,800,757
70	Stoneport, MI	4,847,228	243,684	-	243,684	4,603,544
71	Calcite, MI	4,796,170	748,847	-	748,847	4,047,323
72	Brownsville, TX	4,674,329	3,143,759	2,928,230	215,529	1,530,570
73	Bridgeport, CT	4,576,963	1,866,427	1,866,427	-	2,710,536
74	Wilmington, DE	4,482,223	3,260,976	2,703,968	557,008	1,221,247
75	St. Paul, MN	4,148,342	-	-	-	4,148,342
76	Nikishka, AK	4,065,074	1,344,417	700,554	643,863	2,720,657
77	Burns Waterway Harbor, IN	4,026,259	245,049	172,868	72,181	3,781,210
78	Portsmouth, NH	3,582,750	3,069,638	2,923,658	145,980	513,112
79	Silver Bay, MN	3,551,684	485,722	24,002	461,720	3,065,962
80	Port Inland, MI	3,506,135	315,182	-	315,182	3,190,953
81	Ashtabula, OH	3,448,375	1,889,104	612,860	1,276,244	1,559,271
82	Fall River, MA	3,423,340	1,494,067	1,494,067	-	1,929,273
83	Milwaukee, WI	3,381,200	1,698,842	1,515,508	183,334	1,682,358
84	Vicksburg, MS	3,315,676	-	-	-	3,315,676
85	Morehead City, NC	3,278,457	1,661,332	556,543	1,104,789	1,617,125
86	Biloxi, MS	3,233,250	-	-	-	3,233,250
87	Conneaut, OH	3,121,791	278,679	270,204	8,475	2,843,112
88	Port Manatee, FL	2,897,599	2,587,869	1,498,513	1,089,356	309,730
89	Kivilina, AK	2,677,790	1,275,383	-	1,275,383	1,402,407
90	Panama City, FL	2,461,497	1,203,608	495,522	708,086	1,257,889
91	Palm Beach, FL	2,341,642	1,343,863	353,570	990,293	997,779
92	Port Dolomite, MI	2,331,333	287,522	-	287,522	2,043,811
93	Port Canaveral, FL	2,300,926	1,956,774	1,834,118	122,656	344,152
94	Ponce, PR	2,213,836	2,210,319	1,823,653	386,666	3,517
95	Alpena, MI	2,199,097	336,121	180,894	155,227	1,862,976
96	Anchorage, AK	2,192,610	304,301	258,064	46,237	1,888,309
97	Kahului, Maui, HI	2,139,458	97,538	97,538	-	2,041,920
98	Morgan City, La, Port of	2,128,758	1,427	1,427	-	2,127,331
99	Greenville, MS	2,114,517	-	-	-	2,114,517
100	Green Bay, WI	2,103,726	451,104	451,104	-	1,652,622

Table 5-2: SELECTED U.S. PORTS BY PORT NAME, 2009, RANKED BY TOTAL TONS - continued
(short tons)

Rank	Port Name	Grand Total	Foreign Total	Foreign Inbound	Foreign Outbound	Domestic
101	Brunswick, GA	2,093,808	2,066,192	784,325	1,281,867	27,616
102	Marblehead, OH	2,091,884	472,452	59,955	412,497	1,619,432
103	Nashville, TN	1,997,948	-	-	-	1,997,948
104	Port Jefferson, NY	1,954,608	-	-	-	1,954,608
105	Victoria, TX	1,951,820	-	-	-	1,951,820
106	Kansas City, MO	1,934,071	-	-	-	1,934,071
107	Penn Manor, PA	1,923,462	1,808,556	1,135,214	673,342	114,906
108	Gulfport, MS	1,867,820	1,843,467	1,286,636	556,831	24,353
109	Tulsa, Port of Catoosa, OK	1,761,841	-	-	-	1,761,841
110	Guntersville, AL	1,746,241	-	-	-	1,746,241
111	Muskegon, MI	1,736,861	252,703	252,703	-	1,484,158
112	Sandusky, OH	1,653,542	749,883	17,778	732,105	903,659
113	Stockton, CA	1,632,931	1,599,304	972,376	626,928	33,627
114	Chattanooga, TN	1,601,311	-	-	-	1,601,311
115	Helena, AR	1,566,175	-	-	-	1,566,175
116	Searsport, ME	1,490,418	1,300,623	1,300,623	-	189,795
117	Monroe, MI	1,453,050	29,353	29,353	-	1,423,697
118	Richmond, VA	1,429,482	107,483	68,034	39,449	1,321,999
119	Port Hueneme, CA	1,371,790	1,301,369	1,225,574	75,795	70,421
120	Buffalo, NY	1,366,732	455,353	158,396	296,957	911,379
121	Coos Bay, OR	1,328,340	1,081,156	34,973	1,046,183	247,184
122	Buffington, IN	1,301,174	386,126	386,126	-	915,048
123	Grays Harbor, WA	1,162,441	916,474	56,765	859,709	245,967
124	San Diego, CA	1,137,054	956,637	945,772	10,865	180,417
125	Fairport Harbor, OH	1,121,631	260,361	32,174	228,187	861,270
126	Kawaihae Harbor, HI	1,112,310	-	-	-	1,112,310
127	Hilo, HI	1,088,127	12,126	7,636	4,490	1,076,001
128	Drummond Island, MI	1,040,442	232,573	-	232,573	807,869
129	Everett, WA	1,005,820	447,015	121,271	325,744	558,805
130	Olympia, WA	994,759	452,548	88,656	363,892	542,211
131	Nawiliwili, Kauai, HI	951,067	2,668	2,668	-	948,399
132	Unalaska Island, AK	911,023	534,445	102,435	432,010	376,578
133	Redwood City, CA	907,220	852,393	501,107	351,286	54,827
134	Seward, AK	903,662	886,374	16	886,358	17,288
135	Hopewell, VA	888,661	292,209	49,451	242,758	596,452
136	San Francisco, CA	888,216	588,531	568,792	19,739	299,685
137	Rosedale, MS	885,918	-	-	-	885,918
138	Chester, PA	881,164	757,481	537,273	220,208	123,683
139	Grand Haven, MI	867,900	233,224	233,224	-	634,676
140	Pensacola, FL	770,180	122,516	105,630	16,886	647,664
141	Southeast Missouri Port, MO	758,017	-	-	-	758,017
142	Sabine Pass, TX	753,338	-	-	-	753,338
143	Stamford, CT	693,342	-	-	-	693,342
144	Hempstead, NY	657,827	-	-	-	657,827
145	Port Angeles, WA	648,592	174,441	34,032	140,409	474,151
146	Lake Providence, LA	634,676	-	-	-	634,676
147	Elvis Stahr Harbor, KY	633,659	-	-	-	633,659
148	Salem, MA	628,928	609,330	609,330	-	19,598
149	Marquette, MI	625,623	115,875	115,875	-	509,748
150	Orange, TX	622,733	-	-	-	622,733

Table 5-3: U.S. COMMERCIAL LANDINGS OF FISH, BY PORTS, 2008 AND 2009
(million pounds)

Port	2008	2009	% Change
Dutch Harbor-Unalaska, AK	612.7	506.3	-17.4
Empire-Venice, LA	353.2	411.8	16.6
Reedville, VA	354.2	349.4	-1.4
Kodiak, AK	250.9	282.9	12.8
Intracoastal City, LA	254.6	244.7	-3.9
Pascagoula-Moss Point, MS	190.2	217.4	14.3
Cameron, LA	171.9	178.8	4.0
New Bedford, MA	146.4	170.0	16.1
Port Hueneme-Oxnard-Ventura, CA	46.3	141.3	205.2
Gloucester, MA	120.2	122.3	1.7
Naknek-King Salmon, AK	105.2	119.4	13.5
Los Angeles, CA	123.6	113.6	-8.1
Astoria, OR	99.7	104.4	4.7
Sitka, AK	52.7	78.4	48.8
Ketchikan, AK	46.0	75.9	65.0
Westport, WA	111.1	74.4	-33.0
Cape May-Wildwood, NJ	82.9	63.9	-22.9
Petersburg, AK	34.7	55.4	59.7
Newport, OR	57.8	50.2	-13.1
Moss Landing, CA	73.5	46.2	-37.1
Cordova, AK	95.7	45.5	-52.5
Dulac-Chauvin, LA	35.6	42.4	19.1
Point Judith, RI	37.6	39.9	6.1
Portland, ME	35.1	37.3	6.3
Coos Bay-Charleston, OR	27.0	30.1	11.5
Seward, AK	36.5	29.3	-19.7
Brownsville-Port Isabel, TX	20.4	27.0	32.4
Lafitte-Barataria, LA	23.8	25.9	8.8
Golden Meadow-Leeville, LA	16.8	25.6	52.4
Beaufort-Morehead City, NC	6.0	25.5	325.0
Honolulu, HI	26.0	22.3	-14.2
Galveston, TX	13.1	22.0	67.9
Rockland, ME	29.6	21.4	-27.7
Bayou La Batre, AL	19.0	21.0	10.5
Bellingham, WA	13.6	20.8	52.9
Homer, AK	4.0	20.2	405.0
Palacios, TX	13.6	20.0	47.1
Ilwaco-Chinook, WA	17.7	18.4	4.0
Point Pleasant, NJ	23.4	18.4	-21.4
Hampton Roads Area, VA	19.3	18.0	-6.7
Juneau, AK	18.4	16.7	-9.2
Provincetown-Chatham, MA	15.3	16.1	5.2
Port Arthur, TX	14.9	16.0	7.4
Crecent City, CA	13.6	16.0	17.6
Stonington, ME	17.4	14.8	-14.9
Delacroix-Yscloskey, LA	10.3	13.4	30.1
Gulfport-Biloxi, MS	24.5	12.9	-47.3
Monterey, CA	13.4	12.9	-3.7
Shelton, WA	10.3	12.4	20.4
Kenai, AK	10.4	12.2	17.3

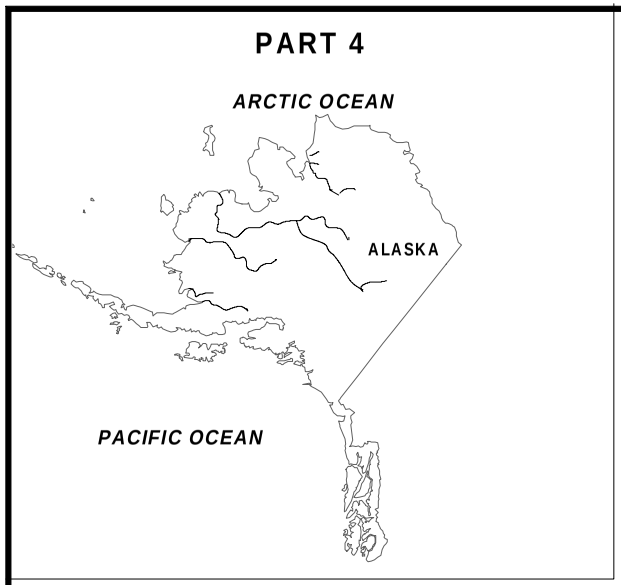
Source: Personal communication from the National Marine Fisheries Service, Fisheries Statistics and Economics Division, Silver Spring, MD. Data are preliminary.

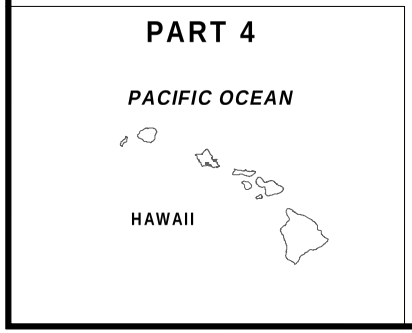
Notes: To avoid disclosure of private enterprise certain leading ports have not been included to preserve confidentiality. Catches of Alaska pollock, Pacific whiting and other Pacific groundfish caught in the northeast Pacific EEZ of the U.S. and processed at-sea are not attributed to a specific U.S. port. The record landings for quantity Dutch Harbor-Unalaska, AK. 911.3 million pounds in 2006.

Appendix

Geographical Areas Covered by Waterborne Commerce Statistics Publications of the DEPARTMENT OF THE ARMY CORPS OF ENGINEERS

(Heavy broken lines indicate the limits embraced by each part of the five part series)





WATERBORNE COMMERCE OF THE UNITED STATES

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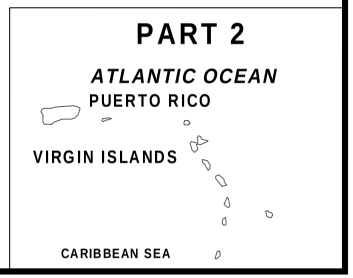
Part 2 - Gulf Coast, Mississippi River System and Antilles
Part 3 - Great Lakes
Part 4 - Pacific Coast, Alaska and Hawaii
Part 5 - Waterborne Commerce of the United States (National Summary)

PART 5



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14. ABSTRACT

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