
WATERBORNE COMMERCE OF THE UNITED STATES

Calendar Year 1995

Part 5—
Waterways and Harbors
National Summaries



Compiled under the supervision of
the Water Resources Support Center
U.S. Army Corps of Engineers
Fort Belvoir, Virginia

For sale by:
District Engineer, U.S. Army Engineer District, New Orleans,
P.O. Box 60267, New Orleans, Louisiana 70160

Price \$4.00

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Introduction

General

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

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

Data on foreign commerce are supplied to the Corps of Engineers by the Bureau of Census. Data for the compilation of the domestic statistics are collected by the Corps of Engineers, Department of the Army.

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

WCUS, Part 1 Atlantic Coast

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

WCUS, Part 3 Great Lakes

WCUS, Part 4 Pacific Coast, Alaska and Hawaii

WCUS, Part 5 National Summaries

Legal Authority

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

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

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

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

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

Domestic Commerce

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

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

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

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 and export traffic between the United States, Puerto Rico and the Virgin Islands and any foreign country. These statistics do not include traffic between Guam, Wake Island and American Samoa and any other foreign country.

Foreign commerce data are furnished to the Corps of Engineers by the Bureau of the Census under a working arrangement sponsored by the Office of Management and Budget. The data are confined to vessel movements by water and are reconcilable with published reports of the Bureau of Census with the exception of LOOP Oil Terminal and Skagway Wharf reports which are manually entered as imports by the Corps of Engineers.

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. Export shipments under the various foreign aid programs on Department of Defense operated vessels, either American Flag commercial vessels under time, voyage, or space charter or vessels owned and operated by the Department of Defense, and various items (listed by the Census) which affect national security are not published in terms of the individual commodities shipped. Instead, a lump sum tonnage figure is compiled and appears in these tables as exports under commodity code 9999, "Department of Defense Controlled Cargo and Special Category Items".

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

Tonnage

The tonnage figures provided throughout the **WCUS, Parts 1-5** represent short tons (2000 pounds). Tonnage figures are rounded to the nearest 1000 tons.

A zero represents less than 500 tons but more than zero. Dashes mean zero tons. Columns and rows may not add up exactly to totals and subtotals due to rounding.

Some freight tables have "Total" and "Grand Total". The "Total" means that in some cases it is the total for domestic or foreign and Canadian traffic. The "Grand Total" specifically represents

the sum total of all the different traffics, including all domestic and foreign traffic. If a particular column or traffic type has only dashes and zeroes in the tonnage fields for that entire freight table then that column (traffic type) will not print.

Ton-Miles

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

Imports

Overseas: Inbound merchandise for direct consumption and entries into custom bonded storage and manufacturing warehouses originating in foreign countries other than Canada.

Canadian: Inbound merchandise for direct consumption and entries into custom bonded storage and manufacturing warehouses originating in Canada.

Exports

Overseas: Outbound domestic merchandise and re-export of foreign merchandise from a U.S. foreign trade zone destined for foreign countries other than Canada.

Canadian: Outbound domestic merchandise and re-export of foreign merchandise from a U.S. foreign trade zone destined for Canada.

Intransit Merchandise: Inbound merchandise coming into the United States from a foreign country and shipped to a foreign country without having been entered as an import. Intransit merchandise is treated as an **Import** when unloaded from a vessel and as an **Export** when loaded onto a 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: Movements 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, U.S.A. which are considered a single unit.

Traffic Direction

Waterways

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

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

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

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

Ports

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

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

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

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

Where noted, tonnage figures are rounded to the nearest million. A zero represents less than 500,000 tons but more than zero. Dashes mean zero tons. Columns and rows may not add up exactly to totals and subtotals due to rounding.

Ton-miles: 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 (e.g. 50 short tons moving 200 miles on a particular waterway would yield 10,000 ton-miles for that waterway). The ton-mile parameter measures the total performance of a waterway. Ton-miles are not computed for ports.

For coastwise traffic this represents the mileage on the shortest route that safe navigation permits between the point of origin and destination. The source of this distance information for coastwise traffic is the publication, *Distance Between United States Ports*, published by the National Oceanic and Atmospheric Administration (1987).

For rivers and inland waterways the distances were computed from waterway survey maps 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 Canadian imports and exports, foreign ton-miles are computed as the tonnage times the distance between the U.S. and Canadian ports.

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

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.

Trans-Shipments: Ports and offshore anchorages where cargo is moved from one vessel to another.

These are: St. Lucia, Virgin Islands; Heald Bank off the Louisiana and Texas coasts; Chirqui Grande, Panama; Puerto Armuelles, Panama; and Hondo Platform-Pacific Ocean.

Commodity Classification List

Major Grouping

Minor Grouping

Pub Group Pub Name

- 00 Units
 - 0200 Vehicles
 - 0300 Passengers
- 10 Coal
 - 1100 Coal
 - 1200 Coal Coke
- 20 Petroleum & Petroleum Products
 - 21 Crude Petroleum
 - 2100 Crude Petroleum
 - 22-29 Petroleum Products
 - 2211 Gasoline
 - 2221 Kerosene
 - 2330 Distillate Fuel Oil
 - 2340 Residual Fuel Oil
 - 2350 Lube Oil & Greases
 - 2410 Petro. Jelly & Waxes
 - 2429 Naphtha & Solvents
 - 2430 Asphalt, Tar & Pitch
 - 2540 Petroleum Coke
 - 2640 Liquid Natural Gas
 - 2990 Petro. Products NEC
- 30 Chemicals and Related Products
 - 31 Fertilizers
 - 3110 Nitrogenous Fert.
 - 3120 Phosphatic Fert.
 - 3130 Potassic Fert.
 - 3190 Fert. & Mixes NEC
 - 32 Other Chemicals and Related Products
 - 3211 Acyclic Hydrocarbons
 - 3212 Benzene & Toluene
 - 3219 Other Hydrocarbons
 - 3220 Alcohols
 - 3230 Carboxylic Acids
 - 3240 Nitrogen Func. Comp.
 - 3250 Organo-Inorgan 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

Major Grouping

Minor Grouping

Pub Group Pub Name

- 3284 Medicines
- 3285 Perfumes & Cleansers
- 3286 Plastics
- 3291 Pesticides
- 3292 Starches, Gluten, Glue
- 3293 Explosives
- 3297 Chemical Additives
- 3298 Wood & Resin Chem.
- 3299 Chem. Products NEC
- 40 Crude Materials, Inedible Except Fuels
 - 41 Forest Products, Wood and Chips
 - 4110 Rubber & Gums
 - 4150 Fuel Wood
 - 4161 Wood Chips
 - 4170 Wood in the Rough
 - 4189 Lumber
 - 4190 Forest Products NEC
 - 42 Pulp and Waste Paper
 - 4225 Pulp & Waste Paper
 - 43 Soil, Sand, Gravel, Rock and Stone
 - 4310 Building Stone
 - 4322 Limestone
 - 4323 Gypsum
 - 4327 Phosphate Rock
 - 4331 Sand & Gravel
 - 4333 Dredged Material
 - 4335 Waterway Improv. Mat
 - 4338 Soil & Fill Dirt
 - 44 Iron Ore and Scrap
 - 4410 Iron Ore
 - 4420 Iron & Steel Scrap
 - 45 Marine Shells
 - 4515 Marine Shells
 - 46 Non-Ferrous Ores and Scrap
 - 4630 Copper Ore
 - 4650 Aluminum Ore
 - 4670 Manganese Ore
 - 4680 Non-Ferrous Scrap
 - 4690 Non-Ferrous Ores NEC
 - 47 Sulphur, Clay and Salt
 - 4741 Sulphur, (Dry)
 - 4782 Clay & Refrac. Mat.
 - 4783 Salt
 - 48 Slag
 - 4860 Slag
 - 49 Other Non-Metal. Min.
 - 4900 Non-Metal. Min. NEC

Commodity Classification List (continued)

Major Grouping

Minor Grouping

Pub Group Pub Name

- 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
 - 6781 Hay & Fodder

Major Grouping

Minor Grouping

Pub Group Pub Name

- 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 1-2
 TOTAL WATERBORNE COMMERCE OF THE U.S., 1956-1995
 (million tons)

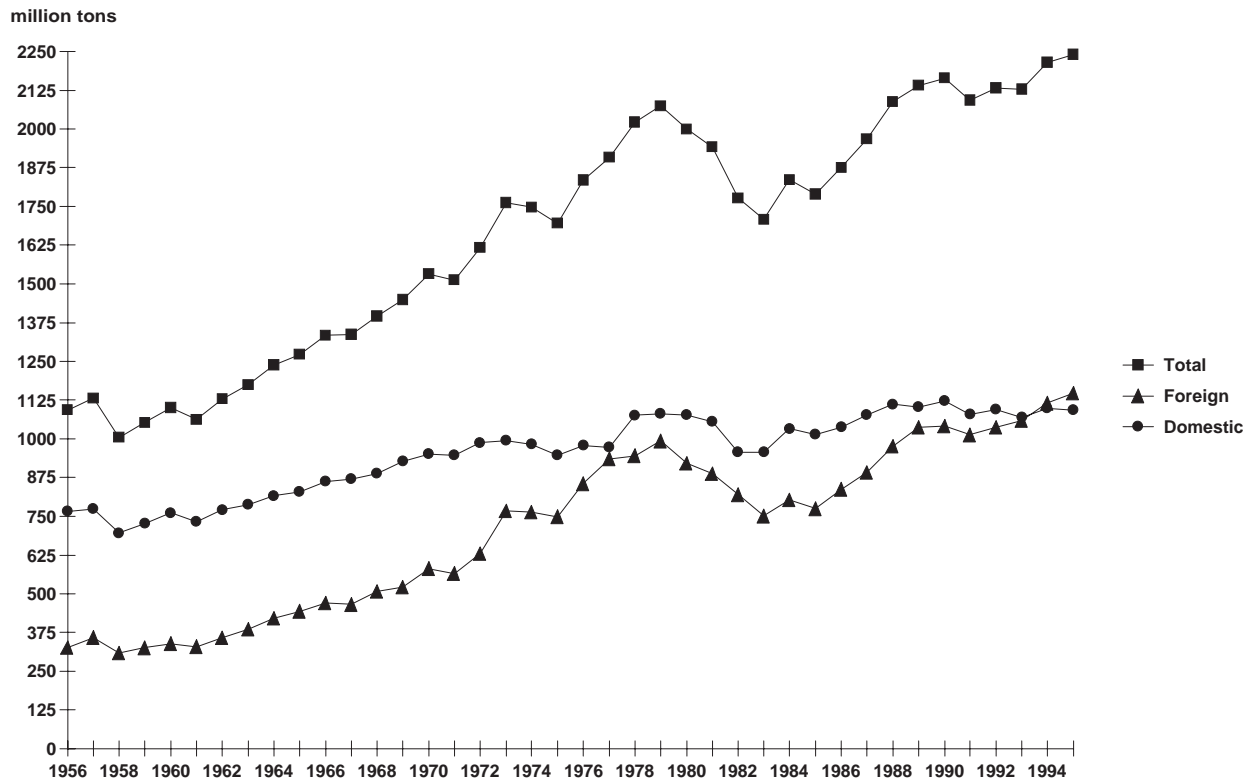


Table 1-1: TOTAL WATERBORNE COMMERCE OF THE U.S., 1956-1995
(in tons of 2000 pounds)

Year	Total	Foreign	Domestic
1956	1,092,912,924	326,689,789	766,223,135
1957	1,131,401,434	358,539,550	772,861,884
1958	1,004,515,776	308,850,798	695,664,978
1959	1,052,402,102	325,669,939	726,732,163
1960	1,099,850,431	339,277,275	760,573,156
1961	1,062,155,182	329,329,818	732,825,364
1962	1,129,404,375	358,599,030	770,805,345
1963	1,173,766,964	385,658,999	788,107,965
1964	1,238,093,573	421,925,133	816,168,440
1965	1,272,896,243	443,726,809	829,169,434
1966	1,334,116,078	471,391,083	862,724,995
1967	1,336,606,078	465,972,238	870,633,840
1968	1,395,839,450	507,950,002	887,889,448
1969	1,448,711,541	521,312,362	927,399,179
1970	1,531,696,507	580,969,133	950,727,374
1971	1,512,583,690	565,985,584	946,598,106
1972	1,616,792,605	629,980,844	986,811,761
1973	1,761,552,010	767,393,903	994,158,107
1974	1,746,788,544	764,088,905	982,699,639
1975	1,695,034,366	748,707,407	946,326,959
1976	1,835,006,819	855,963,909	979,042,910
1977	1,908,223,619	935,256,813	972,966,806
1978	2,021,349,754	946,057,889	1,075,291,865
1979	2,073,757,628	993,444,963	1,080,312,665
1980	1,998,887,402	921,404,000	1,077,483,402
1981	1,941,558,947	887,102,150	1,054,456,797
1982	1,776,740,579	819,730,983	957,009,596
1983	1,707,661,011	751,140,194	956,520,817
1984	1,836,020,619	803,338,133	1,032,682,486
1985	1,788,434,822	774,323,283	1,014,111,539
1986	1,874,416,280	837,223,503	1,037,192,777
1987	1,967,458,261	890,980,045	1,076,478,216
1988	2,087,993,484	976,220,985	1,111,772,499
1989	2,140,442,372	1,037,910,213	1,102,532,159
1990	2,163,854,373	1,041,555,740	1,122,298,633
1991	2,092,108,462	1,013,557,036	1,078,551,426
1992	2,132,095,154	1,037,466,130	1,094,629,024
1993	2,128,221,188	1,060,041,217	1,068,179,971
1994	2,214,754,086	1,115,742,828	1,099,011,258
1995	2,240,393,059	1,147,357,782	1,093,035,277

Table 1-2: FOREIGN WATERBORNE COMMERCE OF THE U.S., 1956-1995
(in tons of 2000 pounds)

Year	Imports				Exports			
	Total	Coastal	Great Lakes		Total	Coastal	Great Lakes	
			Canadian	Overseas			Canadian	Overseas
1956	174,214,360	163,348,893	10,572,643	292,824	*152,475,429	126,448,189	25,710,863	281,334
1957	186,351,843	176,235,956	9,885,526	230,361	*172,187,707	146,889,737	24,983,574	288,273
1958	189,484,551	181,480,343	7,656,590	347,618	*119,366,247	101,554,806	17,429,825	360,159
1959	213,485,323	198,607,603	13,794,435	1,083,285	*112,184,616	91,629,487	17,700,427	2,833,118
1960	211,316,497	198,465,746	11,973,635	877,116	127,960,778	104,810,455	19,168,514	3,981,809
1961	200,165,652	188,179,228	11,007,197	979,227	129,164,166	105,959,031	18,801,857	4,403,278
1962	222,689,941	207,040,920	14,487,847	1,161,174	135,909,089	110,492,248	20,484,581	4,932,260
1963	227,375,671	209,369,531	16,495,342	1,510,798	158,283,328	129,781,571	24,455,139	4,046,618
1964	248,585,715	224,433,206	22,118,397	2,034,112	173,339,418	142,874,452	24,866,892	5,598,074
1965	269,834,819	244,874,087	21,059,701	3,901,031	173,891,990	142,121,011	25,692,770	6,078,209
1966	283,847,300	257,173,478	22,585,271	4,088,551	187,543,783	155,759,371	24,905,662	6,878,750
1967	275,965,191	248,245,275	23,269,404	4,450,512	190,007,047	162,443,124	21,896,595	5,667,328
1968	310,936,331	278,826,933	25,658,847	6,450,551	197,013,671	166,579,691	24,444,154	5,989,826
1969	320,293,084	295,647,991	19,770,247	4,874,846	201,019,278	168,944,254	25,235,730	6,839,294
1970	339,339,772	312,933,583	21,820,193	4,585,996	241,629,361	205,697,712	29,146,465	6,785,184
1971	359,745,840	333,776,713	19,104,708	6,864,419	206,239,744	172,758,807	24,757,317	8,723,620
1972	397,565,612	372,417,770	18,861,084	6,286,758	232,415,232	197,430,445	25,352,496	9,632,291
1973	490,088,015	461,828,145	22,988,904	5,270,966	277,305,888	238,807,467	28,435,708	10,062,713
1974	497,282,811	473,940,012	19,027,376	4,315,423	266,806,094	238,686,754	23,342,970	4,776,370
1975	476,572,426	455,117,218	18,121,866	3,333,342	272,134,891	236,707,996	28,707,321	6,719,574
1976	570,318,893	539,674,048	25,845,506	4,799,339	285,645,016	250,632,668	28,050,680	6,961,668
1977	658,136,893	625,308,679	25,416,264	7,411,950	277,119,920	240,784,157	27,741,857	8,593,906
1978	643,186,863	616,140,827	19,916,819	7,129,217	302,871,026	259,316,657	30,961,456	12,592,913
1979	632,995,657	607,898,526	19,450,918	5,646,213	360,449,306	311,786,293	37,964,841	10,698,172
1980	517,521,121	502,005,866	13,414,205	2,101,050	403,882,879	358,805,981	37,216,588	7,860,310
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

*Includes tonnage for Department of Defense controlled cargo and special category commodities for which breakdown by Canadian and Overseas traffic was:
1955 - 53,574 tons; 1956 - 35,043 tons; 1957 - 26,123 tons; 1958 - 21,457 tons; 1959 - 21,584 tons;

Table 1-3: DOMESTIC WATERBORNE COMMERCE OF THE U.S., 1956-1995
(in tons of 2000 pounds)

Year	Total	Coastwise	Lakewise	Internal	Intraport	Intraterritory
1956	766,223,135	205,910,228	173,990,656	269,734,055	114,363,560	2,224,636
1957	772,861,884	196,418,553	182,150,309	281,065,531	110,824,444	2,403,047
1958	695,664,978	194,050,174	132,288,549	261,068,849	105,424,974	2,832,432
1959	726,732,163	205,509,011	131,220,380	282,268,792	106,746,596	** 987,384
1960	760,573,156	209,196,823	155,109,237	291,056,655	104,193,446	1,016,995
1961	732,825,364	206,899,377	136,841,146	294,052,123	93,929,070	1,103,648
1962	770,805,345	215,460,882	135,743,781	316,061,877	102,277,229	1,261,576
1963	788,107,965	213,853,293	141,741,152	331,902,484	98,980,624	1,630,412
1964	816,168,440	205,687,985	151,404,618	357,916,216	99,579,422	1,580,199
1965	829,169,434	201,508,107	153,695,242	369,615,461	102,865,022	1,485,602
1966	862,724,995	208,374,966	164,036,995	389,851,631	99,214,579	1,246,824
1967	870,633,840	214,646,527	153,596,684	398,592,679	102,320,054	1,477,896
1968	887,889,448	214,250,535	151,115,936	430,174,303	90,730,336	1,618,338
1969	927,399,179	216,707,773	160,843,835	460,944,875	87,536,483	1,366,213
1970	950,727,374	238,440,385	157,058,867	472,123,417	81,474,805	1,629,900
1971	946,598,106	242,916,056	140,954,956	479,217,765	81,252,652	2,256,677
1972	986,811,761	242,660,087	145,013,420	506,989,242	90,266,095	1,882,917
1973	994,158,107	236,794,660	156,620,831	503,236,890	93,222,623	4,283,103
1974	982,699,639	233,358,124	146,067,270	511,021,978	88,197,576	4,054,691
1975	946,326,959	231,932,437	129,331,161	503,932,258	78,279,224	2,851,879
1976	979,042,910	236,278,624	132,112,775	523,972,573	83,731,092	2,947,846
1977	972,966,806	248,083,336	109,079,945	528,704,658	83,444,472	3,654,395
1978	1,075,291,865	305,342,824	142,662,552	534,508,943	89,506,584	3,270,962
1979	1,080,312,665	304,665,522	143,563,644	534,969,167	93,113,665	4,000,667
1980	1,077,483,402	329,608,613	115,124,231	534,979,027	94,183,696	3,587,835
1981	1,054,456,797	321,989,988	115,418,165	520,668,720	93,249,873	3,130,051
1982	957,009,596	311,058,264	72,084,986	495,453,486	75,601,691	2,811,169
1983	956,520,817	309,636,759	83,446,847	487,132,248	73,144,961	3,160,002
1984	1,032,682,486	307,652,127	98,010,499	542,502,695	81,110,880	3,406,285
1985	1,014,111,539	309,801,605	91,987,003	534,658,233	74,263,246	3,401,452
1986	1,037,192,777	308,024,669	87,352,525	560,499,024	77,357,617	3,958,942
1987	1,076,478,216	323,518,318	96,483,652	569,826,970	81,951,080	4,698,196
1988	1,111,772,499	325,176,859	109,664,111	588,118,666	83,689,494	5,123,369
1989	1,102,532,159	302,026,859	109,086,425	606,005,956	80,207,745	5,205,174
1990	1,122,298,633	298,636,988	110,159,406	622,595,330	86,377,845	4,529,064
1991	1,078,551,426	294,542,786	103,426,933	600,386,004	75,634,960	4,558,743
1992	1,094,629,024	285,130,765	107,398,037	621,037,417	76,817,429	4,245,376
1993	1,068,179,971	271,717,424	109,853,847	607,253,349	74,390,472	4,964,879
1994	1,099,011,258	277,029,286	114,777,289	618,408,708	82,870,326	5,925,649
1995	1,093,035,277	266,612,137	116,126,515	620,324,217	83,104,283	6,868,125

** Beginning in 1959, excludes traffic within the states of Alaska and Hawaii. Such traffic is included in other domestic traffic categories in accordance with definitions applicable to continental United States.

Table 1-4: TOTAL WATERBORNE COMMERCE, 1976-1995
TON-MILES, TONS AND AVERAGE HAUL BY TYPE OF TRAFFIC

Year	Grand Total	Foreign			Domestic				
		Great Lakes Total	Great Lakes Ports	Coastal Ports	Total	Coastwise	Lakewise	Internal	Intraport
Ton-Miles*** (millions)									
1976	677,181.0	85,327.5	*34,347.9	**50,979.6	591,853.5	322,932.3	70,684.2	197,072.8	1,164.2
1977	692,527.4	93,527.4	*37,734.3	**55,793.1	599,000.0	343,536.6	52,416.9	201,784.2	1,262.3
1978	928,297.7	101,034.4	*42,108.8	**58,925.6	827,263.3	540,373.2	76,284.0	209,266.2	1,339.8
1979	931,846.4	103,086.9	*43,146.4	**59,940.5	828,759.5	532,290.3	77,968.8	217,090.2	1,410.2
1980	1,016,085.2	94,249.4	*33,679.6	**60,569.8	921,835.8	631,149.2	61,747.1	227,343.0	1,596.4
1981	1,023,636.5	94,223.1	*35,294.0	**58,929.2	929,413.4	634,765.3	62,148.4	231,184.1	1,315.6
1982	964,896.9	78,428.2	*27,165.5	**51,262.7	886,468.7	632,707.1	35,623.3	217,026.7	1,111.7
1983	989,161.6	69,596.0	*24,309.4	**45,286.7	919,565.6	649,749.5	43,088.2	225,628.3	1,099.7
1984	966,478.2	78,758.2	*32,249.4	**46,508.8	887,720.0	593,923.1	49,784.4	242,855.4	1,157.1
1985	964,911.2	71,941.2	*27,171.8	**44,769.4	892,970.0	610,976.5	48,184.0	232,707.5	1,102.0
1986	944,910.5	71,509.4	*24,235.3	**47,274.2	873,401.0	580,888.7	43,198.2	248,116.9	1,197.3
1987	968,403.7	72,988.2	*22,003.3	**50,985.0	895,415.5	586,818.4	50,076.7	257,336.4	1,183.9
1988	970,685.0	80,656.6	*24,448.4	**56,208.2	890,028.4	561,594.9	58,159.5	269,035.7	1,238.4
1989	911,232.2	95,682.3	*27,118.9	**68,563.4	815,549.9	483,888.6	58,307.6	272,157.4	1,196.3
1990	+932,151.4	+98,607.6	*24,330.8	**+74,276.9	833,543.8	479,133.6	60,929.9	292,393.3	1,087.0
1991	+938,671.3	+90,272.3	*17,102.6	**+73,169.7	848,399.0	502,133.0	55,339.1	289,959.0	968.0
1992	+949,344.7	+92,660.1	*21,027.6	**+71,632.5	856,684.6	502,311.0	55,784.6	297,638.7	950.3
1993	+882,605.8	+92,947.9	*26,106.8	**+66,841.1	789,657.9	448,404.2	56,438.1	283,893.6	921.9
1994	909,405.0	94,485.8	*28,299.6	**66,186.2	814,919.2	457,600.7	58,263.4	297,762.4	1,292.7
1995	914,362.5	106,634.9	*31,656.5	**74,978.4	807,727.7	440,345.1	59,703.8	306,329.1	1,349.6
Tons*** (millions)									
1976	1,832.1	856.0	65.7	790.3	976.1	236.3	132.1	524.0	83.7
1977	1,904.6	935.3	69.2	866.1	969.3	248.1	109.1	528.7	83.4
1978	2,018.1	946.1	70.6	875.5	1,072.0	305.3	142.7	534.5	89.5
1979	2,069.8	993.4	73.8	919.7	1,076.3	304.7	143.6	535.0	93.1
1980	1,995.3	921.4	60.6	860.8	1,073.9	329.6	115.1	535.0	94.2
1981	1,938.4	887.1	63.2	823.9	1,051.3	322.0	115.4	520.7	93.2
1982	1,773.9	819.7	50.4	769.3	954.2	311.1	72.1	495.5	75.6
1983	1,704.5	751.1	48.4	702.7	953.4	309.6	83.4	487.1	73.1
1984	1,832.6	803.3	58.8	744.6	1,029.3	307.7	98.0	542.5	81.1
1985	1,785.0	774.3	51.3	723.0	1,010.7	309.8	92.0	534.7	74.3
1986	1,870.5	837.2	45.8	791.4	1,033.2	308.0	87.4	560.5	77.4
1987	1,962.8	891.0	45.9	845.1	1,071.8	323.5	96.5	569.8	82.0
1988	2,082.9	976.2	52.5	923.7	1,106.6	325.2	109.7	588.1	83.7
1989	2,135.2	1,037.9	54.8	983.1	1,097.3	302.0	109.1	606.0	80.2
1990	2,159.3	1,041.6	50.5	991.1	1,117.8	298.6	110.2	622.5	86.4
1991	2,087.6	1,013.6	41.8	971.8	1,074.0	294.5	103.4	600.4	75.6
1992	2,127.9	1,037.5	45.5	992.0	1,090.4	285.1	107.4	621.0	76.8
1993	2,123.3	1,060.0	43.6	1,016.4	1,063.2	271.7	109.8	607.3	74.4
1994	2,208.8	1,115.7	50.1	1,065.6	1,093.1	277.0	114.8	618.4	82.9
1995	2,233.5	1,147.4	51.9	1,095.5	1,086.2	266.6	116.1	620.3	83.1

*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 intraterritory 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.

Table 1-4: TOTAL WATERBORNE COMMERCE, 1976-1995
 TON-MILES, TONS AND AVERAGE HAUL BY TYPE OF TRAFFIC
 (continued)

Year	Grand Total	Foreign			Domestic				
		Total	Great Lakes Ports	Coastal Ports	Total	Coastwise	Lakewise	Internal	Inraport
Average Haul*** (miles)									
1976	369.6	99.7	523.1	64.5	606.3	1,366.7	535.0	376.1	13.9
1977	363.6	100.0	545.6	64.4	618.0	1,384.8	480.5	381.7	15.1
1978	459.9	106.8	596.4	67.3	771.6	1,769.7	534.7	391.5	14.9
1979	450.2	103.8	585.0	65.2	770.0	1,747.1	543.1	405.8	15.1
1980	509.2	102.3	555.8	70.4	858.4	1,914.8	536.4	405.0	16.9
1981	528.1	106.2	558.4	71.5	884.0	1,971.4	538.5	444.0	14.1
1982	543.9	95.7	539.1	66.6	929.0	2,034.0	494.2	438.0	14.7
1983	580.3	92.7	502.1	64.4	964.6	2,098.4	516.4	463.2	15.0
1984	527.4	98.4	548.7	62.5	862.5	1,930.5	508.0	448.0	14.3
1985	540.5	92.9	529.5	61.9	883.5	1,972.2	523.8	435.2	14.8
1986	505.2	85.4	528.8	59.7	845.3	1,885.9	494.5	442.7	15.5
1987	493.3	81.9	479.1	60.3	835.4	1,813.9	519.0	451.6	14.4
1988	464.9	82.6	465.8	60.8	804.3	1,727.0	530.3	457.5	14.8
1989	426.8	92.3	494.5	69.7	743.2	1,602.1	534.5	449.1	14.9
1990	+431.7	+94.7	482.2	+74.9	745.7	1,604.4	553.1	469.7	12.6
1991	+449.6	+89.1	409.2	+75.3	789.9	1,704.8	535.0	483.0	12.8
1992	+446.1	+89.3	462.2	+72.2	785.7	1,761.7	519.4	479.3	12.4
1993	+415.7	+87.7	598.2	+65.8	742.7	1,650.3	513.8	467.5	12.4
1994	411.7	84.7	564.5	62.1	745.5	1,651.8	507.6	481.5	15.6
1995	409.4	92.9	610.4	68.4	743.6	1651.6	514.1	493.8	16.2

+ 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.

Figure 1-3
TOTAL WATERBORNE COMMERCE, 1976-1995
BY COMMODITY GROUP
(million tons)

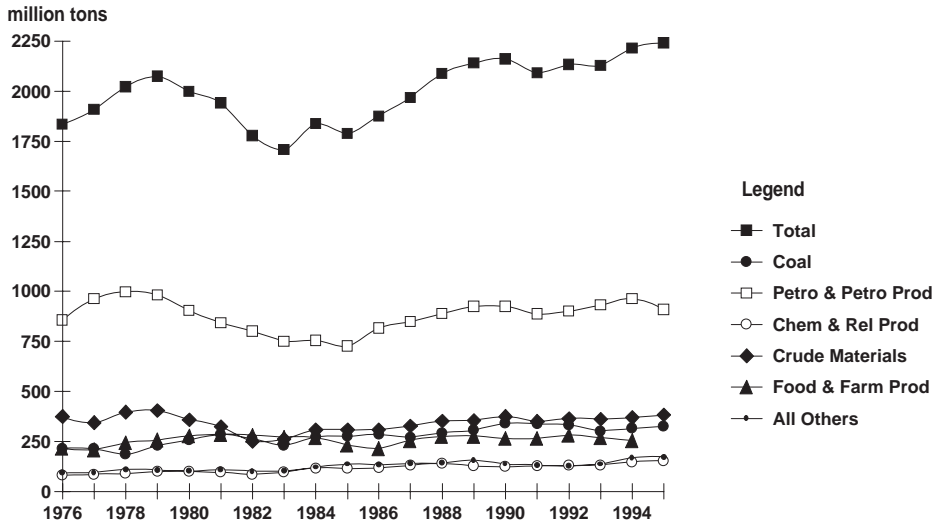


Table 1-5: TOTAL WATERBORNE COMMERCE, 1976-1995
BY COMMODITY GROUP
(million tons)

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Total	1,835.0	1,908.2	2,021.3	2,073.8	1,998.9	1,941.6	1,776.7	1,707.7	1,836.0	1,788.4
Coal	215.2	212.0	185.9	227.4	256.4	284.6	263.1	229.8	271.8	273.9
Petro & Petro Prod	856.5	961.0	997.0	980.8	903.2	842.4	799.6	748.5	753.5	726.4
Chem & Rel Prod	81.6	85.8	89.3	99.4	101.3	94.8	84.7	96.7	115.1	114.3
Crude Materials	373.7	344.6	396.5	403.5	356.9	325.2	249.2	260.0	307.1	307.1
Primary Manuf Goods	53.8	59.7	65.6	64.0	58.5	61.2	51.3	56.4	69.3	76.9
Food & Farm Prod	215.5	209.4	242.5	257.0	278.3	285.6	279.9	270.3	268.3	231.0
All Manuf Equip	20.0	20.1	23.5	22.7	23.6	23.7	21.2	23.9	25.1	29.8
Other	18.7	15.8	21.1	18.9	20.7	24.0	27.7	22.1	25.8	29.1

	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
Total	1,874.4	1,967.5	2,088.0	2,140.4	2,163.9	2,092.1	2,132.1	2,128.2	2,214.8	2,240.4
Coal	283.9	271.3	292.2	304.8	339.9	336.8	332.2	300.4	314.1	324.5
Petro & Petro Prod	815.6	847.7	887.7	922.7	923.5	886.0	899.6	930.6	961.3	907.1
Chem & Rel Prod	118.6	129.0	138.8	127.8	123.8	125.1	128.7	131.6	146.9	152.9
Crude Materials	308.4	327.1	352.0	353.2	374.9	348.9	364.0	360.6	369.3	381.7
Primary Manuf Goods	76.0	76.5	79.5	77.8	76.0	71.8	70.1	76.8	105.0	106.3
Food & Farm Prod	215.2	254.1	273.4	276.0	267.5	263.9	280.4	269.3	225.8	303.2
All Manuf Equip	31.5	33.6	33.8	38.4	42.2	43.6	49.0	51.1	54.9	57.8
Other	25.5	28.2	30.5	39.7	16.5	16.0	8.0	7.9	7.3	6.9

Figure 1-4
 FOREIGN WATERBORNE COMMERCE, 1976-1995
 IMPORTS AND EXPORTS
 (million tons)

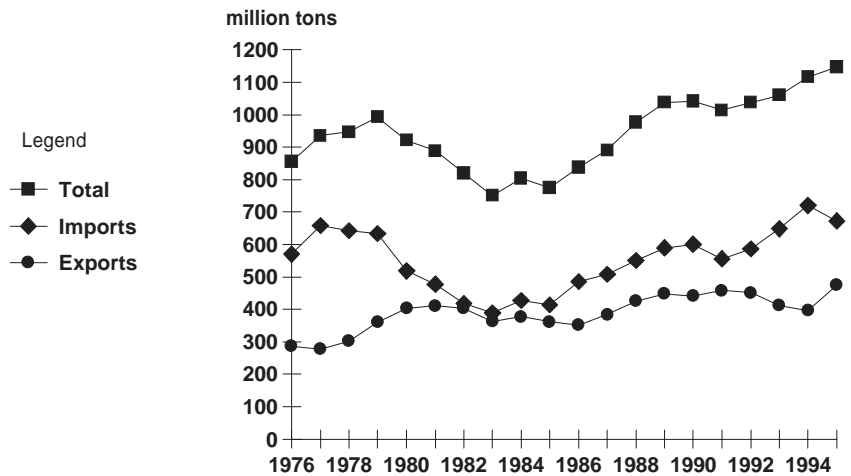


Table 1-6: FOREIGN WATERBORNE COMMERCE, 1976-1995
 IMPORTS AND EXPORTS
 (million tons)

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Total	856.0	935.3	946.1	993.4	921.4	887.1	819.7	751.1	803.3	774.3
Imports	570.3	658.1	643.2	633.0	517.5	477.2	416.6	387.8	427.1	412.7
Exports	285.6	277.1	302.9	360.4	403.9	409.9	403.1	363.3	376.2	361.6

	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
Total	837.2	891.0	976.2	1,037.9	1,041.6	1,013.6	1,037.5	1,060.0	1,115.7	1,147.4
Imports	486.1	507.7	549.9	589.5	600.0	555.4	586.7	648.8	719.5	672.7
Exports	351.2	383.3	426.3	448.4	441.6	458.2	450.8	411.3	396.2	474.7

Figure 1-5
 FOREIGN WATERBORNE COMMERCE, 1976-1995
 TOTAL, OVERSEAS AND GREAT LAKES CANADIAN TRAFFIC
 (million tons)

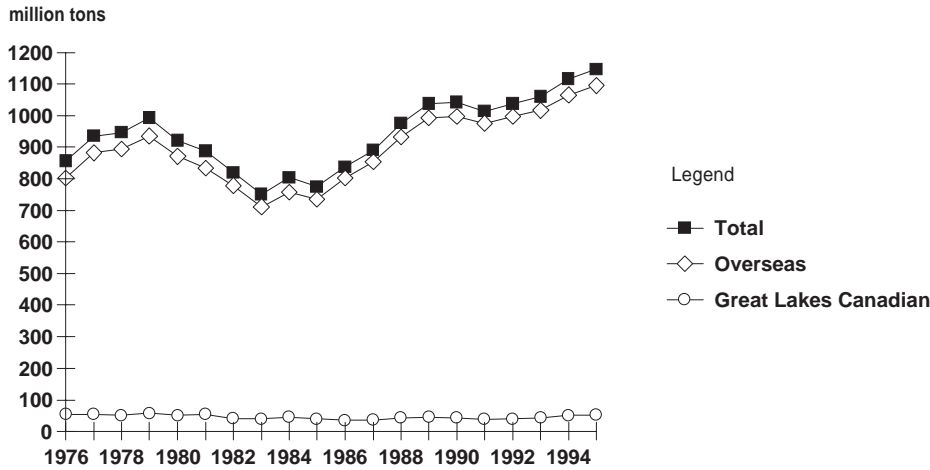


Table 1-7: FOREIGN WATERBORNE COMMERCE, 1976-1995
 TOTAL, OVERSEAS AND GREAT LAKES CANADIAN TRAFFIC
 (million tons)

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Total	856.0	935.3	946.1	993.4	921.4	887.1	819.7	751.1	803.3	774.3
Overseas	802.1	882.1	895.2	936.0	870.8	833.3	778.5	711.3	758.1	734.7
Great Lakes Canadian	53.9	53.2	50.9	57.4	50.6	53.8	41.2	39.9	45.2	39.6

	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
Total	837.2	891.0	976.2	1,037.9	1,041.6	1,013.6	1,037.5	1,060.0	1,115.7	1,147.4
Overseas	802.4	854.2	932.8	992.4	997.5	976.3	997.5	1,016.4	1,065.6	1,095.5
Great Lakes Canadian	34.8	36.8	43.4	45.5	44.1	37.3	39.9	43.6	50.1	51.9

Figure 1-6
DOMESTIC WATERBORNE COMMERCE,
1976-1995
BY TYPE OF TRAFFIC
(million tons)

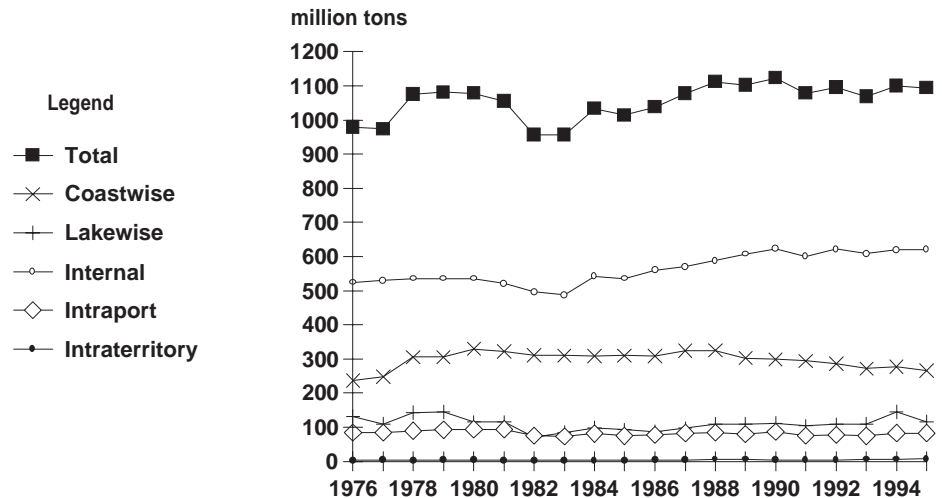


Table 1-8: DOMESTIC WATERBORNE COMMERCE, 1976-1995
BY TYPE OF TRAFFIC
(million tons)

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Total	979.0	973.0	1,075.3	1,080.3	1,077.5	1,054.5	957.0	956.5	1,032.7	1,014.1
Coastwise	236.3	248.1	305.3	304.7	329.6	322.0	311.1	309.6	307.7	309.8
Lakewise	132.1	109.1	142.7	143.6	115.1	115.4	72.1	83.4	98.0	92.0
Internal	524.0	528.7	534.5	535.0	535.0	520.7	495.5	487.1	542.5	534.7
Inraport	83.7	83.4	89.5	93.1	94.2	93.2	75.6	73.1	81.1	74.3
Intraterritory	2.9	3.7	3.3	4.0	3.6	3.1	2.8	3.2	3.4	3.4

	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
Total	1,037.2	1,076.5	1,111.8	1,102.5	1,122.3	1,078.6	1,094.6	1,068.2	1,099.0	1,093.0
Coastwise	308.0	323.5	325.2	302.0	298.6	294.5	285.1	271.7	277.0	266.6
Lakewise	87.4	96.5	109.7	109.1	110.2	103.4	107.4	109.9	114.8	116.1
Internal	560.5	569.8	588.1	606.0	622.6	600.4	621.0	607.3	618.4	620.3
Inraport	77.4	82.0	83.7	80.2	86.4	75.6	76.8	74.4	82.9	83.1
Intraterritory	4.0	4.7	5.1	5.2	4.5	4.6	4.2	5.0	5.9	6.9

Figure 1-7
 DOMESTIC WATERBORNE COMMERCE, 1976-1995
 TON-MILES BY TYPE OF TRAFFIC
 (billion ton-miles)

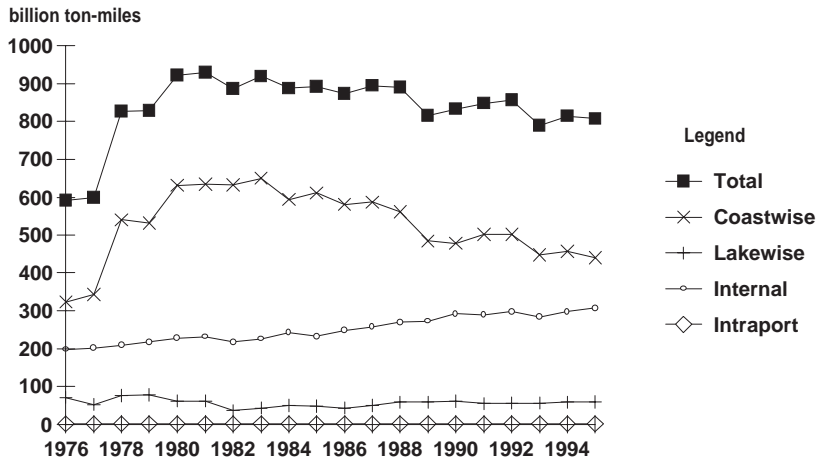


Table 1-9: DOMESTIC WATERBORNE COMMERCE, 1976-1995
 TON-MILES BY TYPE OF TRAFFIC
 (billion ton-miles)

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Total	591.9	599.0	827.3	828.8	921.8	929.4	886.5	919.6	887.7	893.0
Coastwise	322.9	343.5	540.4	532.3	631.1	634.8	632.7	649.7	593.9	611.0
Lakewise	70.7	52.4	76.3	78.0	61.7	62.1	35.6	43.1	49.8	48.2
Internal	197.1	201.8	209.3	217.1	227.3	231.2	217.0	225.6	242.9	232.7
Intraport	1.2	1.3	1.3	1.4	1.6	1.3	1.1	1.1	1.2	1.1

	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
Total	873.4	895.4	890.0	815.5	833.5	848.4	856.7	789.7	814.9	807.7
Coastwise	580.9	586.8	561.6	483.9	479.1	502.1	502.3	448.4	457.6	440.3
Lakewise	43.2	50.1	58.2	58.3	60.9	55.3	55.8	56.4	58.3	59.7
Internal	248.1	257.3	269.0	272.2	292.4	290.0	297.6	283.9	297.8	306.3
Intraport	1.2	1.2	1.2	1.2	1.1	1.0	1.0	0.9	1.3	1.3

Figure 1-8
 DOMESTIC WATERBORNE COMMERCE, 1976-1995
 AVERAGE HAUL BY TYPE OF TRAFFIC
 (miles per ton)

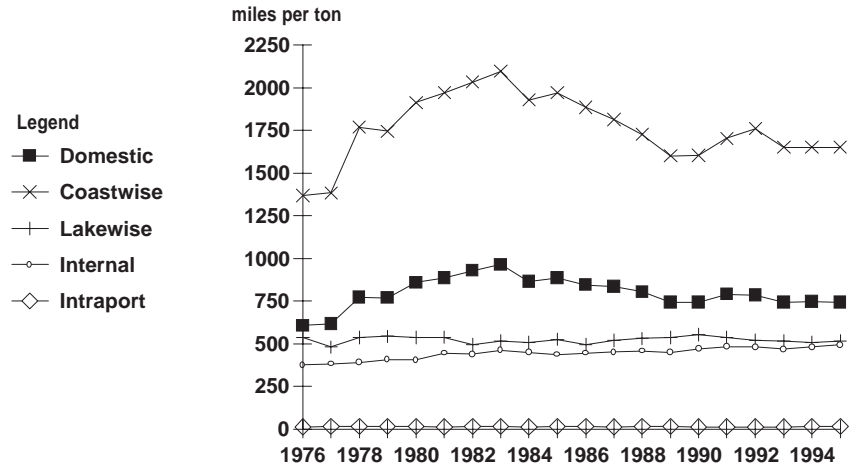


Table 1-10: DOMESTIC WATERBORNE COMMERCE, 1976-1995
 AVERAGE HAUL BY TYPE OF TRAFFIC

	(miles per ton)									
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Domestic	606.3	618.0	771.6	770.0	858.4	884.0	929.0	964.6	862.5	883.5
Coastwise	1,366.7	1,384.8	1,769.7	1,747.1	1,914.8	1,971.4	2,034.0	2,098.4	1,930.5	1,972.2
Lakewise	535.0	480.5	534.7	543.1	536.4	538.5	494.2	516.4	508.0	523.8
Internal	376.1	381.7	391.5	405.8	405.0	444.0	438.0	463.2	448.0	435.2
Intraport	13.9	15.1	14.9	15.1	16.9	14.1	14.7	15.0	14.3	14.8
	1986	1987	1988	1989	1990	1991	1992	1993	1994	
Domestic	845.3	835.4	804.3	743.2	745.7	789.9	785.7	742.7	745.5	743.6
Coastwise	1,885.9	1,813.9	1,727.0	1,602.1	1,604.4	1,704.8	1,761.7	1,650.4	1,651.8	1,651
Lakewise	494.5	519.0	530.3	534.5	553.1	535.0	519.4	514.0	507.6	514.1
Internal	442.7	451.6	457.5	449.1	469.6	483.0	479.3	467.5	481.5	493.8
Intraport	15.5	14.4	14.8	14.9	12.6	12.8	12.4	12.4	15.6	16.2

Figure 1-9
 DOMESTIC WATERBORNE COMMERCE, 1976-1995
 BY COMMODITY GROUP
 (million tons)

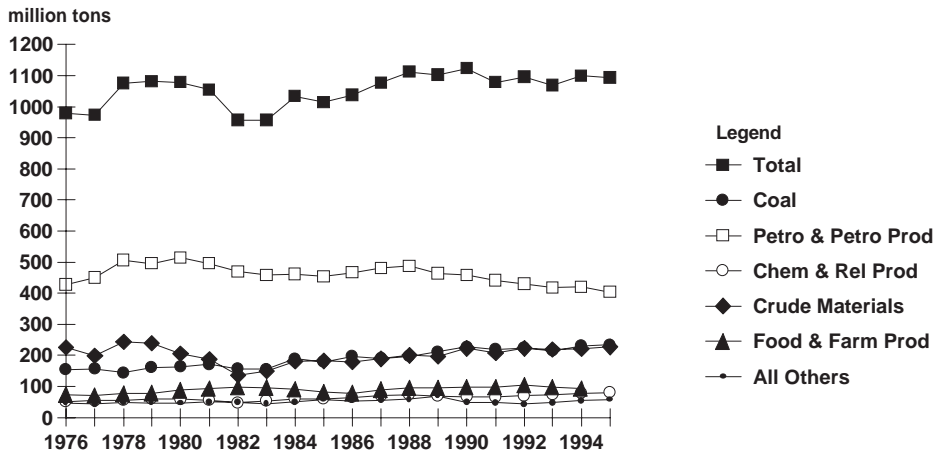


Table 1-11: DOMESTIC WATERBORNE COMMERCE, 1976-1995
 BY COMMODITY GROUP
 (million tons)

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Total	979.0	973.0	1,075.3	1,080.3	1,077.5	1,054.5	957.0	956.5	1,032.7	1,014.1
Coal	154.2	156.3	143.8	160.5	164.1	171.5	156.5	155.5	189.5	179.8
Petro & Petro Prod	427.1	449.3	506.2	495.4	513.4	495.2	469.2	458.0	460.6	453.5
Chem & Rel Prod	52.2	54.4	55.9	60.6	59.5	56.3	47.5	52.8	60.1	59.7
Crude Materials	226.1	198.5	243.6	238.8	205.4	187.4	136.3	149.9	180.5	181.4
Primary Manuf Goods	22.9	24.2	23.8	24.1	22.4	23.4	18.8	20.1	22.9	25.2
Food & Farm Prod	73.8	71.1	76.5	78.5	88.7	93.3	98.3	95.9	91.2	82.1
All Manuf Equip	4.7	4.2	5.3	4.3	4.3	4.1	3.4	3.0	3.1	4.3
Other	22.8	19.2	25.6	22.5	24.1	23.2	27.0	21.3	24.9	28.1

	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
Total	1,037.2	1,076.5	1,111.8	1,102.5	1,122.3	1,078.6	1,094.6	1,068.2	1,099.0	1,093.0
Coal	196.7	190.6	196.8	210.9	227.1	219.8	223.5	214.7	231.3	223.5
Petro & Petro Prod	466.8	480.3	487.2	463.5	457.7	440.7	429.4	416.9	420.8	403.6
Chem & Rel Prod	63.7	70.3	73.3	68.6	67.4	65.4	70.1	72.8	78.5	79.4
Crude Materials	179.5	189.2	200.5	196.2	222.4	206.7	223.0	218.6	220.9	226.4
Primary Manuf Goods	24.8	24.3	24.6	24.9	25.5	25.4	25.8	28.5	35.7	36.8
Food & Farm Prod	77.8	90.2	95.3	94.7	98.6	98.2	105.3	98.3	93.3	103.4
All Manuf Equip	3.4	4.4	5.3	5.3	8.1	8.1	10.6	11.6	12.5	14.6
Other	24.5	27.1	28.9	38.4	15.5	14.4	6.9	6.8	5.8	5.5

*Table 1-12: DOMESTIC COMMERCE, 1994-1995
 COMPARED BY TYPE OF TRAFFIC, BARGE AND SELF-PROPELLED
 (million tons)*

	1994	1995	% Change
Domestic Traffic	1,099.0	1,093.0	-0.5
Coastwise	277.0	266.6	-3.8
Lakewise	114.8	116.1	1.2
Internal	618.4	620.3	0.3
Inraport	82.9	83.1	0.3
Intraterritory	5.9	6.9	15.9
Barge Traffic	782.0	786.6	0.6
Coastwise	95.2	100.9	6.0
Lakewise	8.6	8.5	-1.2
Internal	594.4	592.5	-0.3
Inraport	78.8	79.8	1.4
Intraterritory	5.1	4.8	-4.5
Self-Propelled Traffic	317.0	306.5	-3.3
Coastwise	181.8	165.7	-8.9
Lakewise	106.2	107.6	1.4
Internal	24.0	27.8	16.1
Inraport	4.1	3.3	-20.7
Intraterritory	0.9	2.0	134.3

Figure 1-10
 DOMESTIC COMMERCE, 1994
 COMPARED BY TYPE OF TRAFFIC, BARGE AND SELF-PROPELLED
 (million tons and percentage of tons)

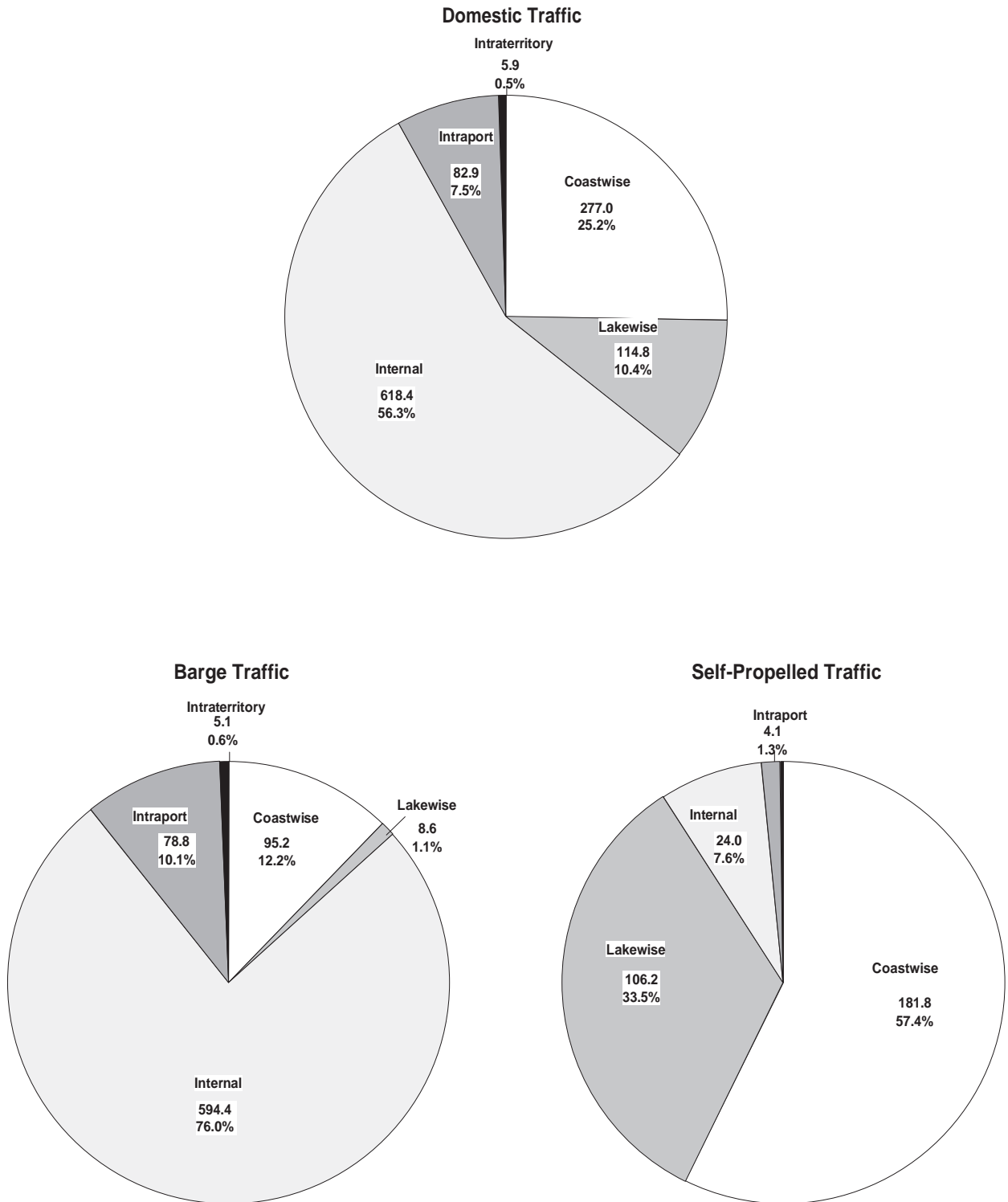


Table 1-13: WATERBORNE TRADE WITH NAFTA PARTNERS, 1995
 TONNAGE AND PERCENT OF TOTAL U.S. WATERBORNE IMPORTS AND EXPORTS
 (tons)

Commodity	Canada				Mexico			
	Imports from	%	Exports to	%	Imports from	%	Exports to	%
Total, all commodities	53,122,244	7.9	37,913,353	8.0	65,920,116	9.8	9,596,965	2.0
Total coal	664,633	6.5	11,108,308	12.2	----	----	327,948	0.4
1100 coal lignite	586,937	9.2	10,636,481	11.8	----	----	327,948	0.4
1200 coal coke	77,696	2.0	471,827	82.1	----	----	----	----
Total petroleum and petroleum products	15,141,938	3.4	3,898,483	7.2	49,806,641	11.1	3,642,966	6.8
Subtotal crude petroleum	6,173,332	1.7	276	58.8	47,242,527	12.7	----	----
2100 crude petroleum	6,173,332	1.7	276	58.8	47,242,527	12.7	----	----
Subtotal petroleum products	8,968,606	11.5	3,898,207	7.2	2,564,114	3.3	3,642,966	6.8
2211 gasoline	3,663,323	34.0	338,993	8.8	116,435	1.1	2,063,771	53.6
2221 kerosene	132,031	3.6	379,868	29.1	196,863	5.4	----	----
2330 distillate fuel oil	3,017,908	23.4	689,810	10.4	342,373	2.7	253,067	3.8
2340 residual fuel oil	1,315,638	5.1	779,469	7.7	266,525	1.0	1,091,900	0.8
2350 lube oil & greases	66,051	0.7	236,143	13.1	246,219	2.6	22,074	1.2
2410 petro. jelly & waxes	----	----	----	----	1,512	2.6	2,657	2.3
2429 naphtha & solvents	164,809	1.7	21,959	0.5	894,644	9.0	716	----
2430 asphalt, tar & pitch	147,402	36.3	184,794	5.5	4,458	1.1	149,909	4.5
2540 petroleum coke	403,128	20.9	1,267,171	6.3	159,074	8.2	29,547	0.1
2640 liquid natural gas	58,316	1.9	----	----	336,011	11.1	29,325	1.3
Total chemicals and related products	3,627,319	15.1	850,295	1.7	1,670,601	6.9	1,350,097	2.7
Subtotal fertilizers	1,135,020	21.9	98,899	0.6	699,754	13.5	79,131	0.5
3110 nitrogenous fert.	105,227	3.5	19,000	1.0	671,239	22.6	308	0.0
3120 phosphatic fert.	----	----	5,511	0.7	----	----	----	----
3130 potassic fert.	1,029,771	67.6	4,189	0.3	----	----	202	0.0
3190 fert. & mixes nec	22	0.0	70,199	0.6	28,515	4.4	78,621	0.6
Subtotal other chemicals and related products	2,492,299	13.2	751,396	2.3	970,847	5.1	1,270,966	3.8
3211 acyclic hydrocarbons	----	----	----	----	21,453	4.9	143,638	20.6
3212 benzene & toluene	107,658	34.6	21,207	11.1	28,854	9.3	----	----
3219 other hydrocarbons	430,761	36.1	16,680	0.3	3,195	0.3	597,559	11.9
3220 alcohols	726,140	26.5	2,818	0.1	117,833	4.3	112,059	4.4
3230 carboxylic acids	638	0.1	178	0.0	132,764	19.1	8,105	0.4
3240 nitrogen func. comp.	3,328	1.2	309	0.0	928	0.3	5,746	0.4
3250 organo- inorgan. comp.	24	0.0	39	0.0	24	0.0	270	0.0
3260 organic comp. nec	619,734	18.7	4,653	0.4	72,616	2.2	200,756	16.8
3272 sulphuric acid	250,897	50.0	3	0.0	121,243	24.2	45,466	42.4
3273 ammonia	184,234	4.8	----	----	282,426	7.4	----	----

Table 1-13: WATERBORNE TRADE WITH NAFTA PARTNERS, 1995
 TONNAGE AND PERCENT OF TOTAL U.S. WATERBORNE IMPORTS AND EXPORTS
 (tons)

Commodity	Canada				Mexico			
	Imports		Exports		Imports		Exports	
	from	%	from	%	from	%		%
3274 sodium hydroxide	58,272	9.8	653,780	20.2	17,745	3.0	3,528	0.1
3275 inorg. elem.,oxides, & halogen salts	14,559	1.7	10,429	0.7	10,287	1.2	53,752	3.4
3276 metallic salts	70,206	9.1	34,916	0.8	10,806	1.4	1,677	0.0
3279 inorganic chem. nec	616	0.3	----	----	382	0.2	493	1.0
3281 radioactive material	----	----	----	----	----	----	----	----
3282 pigments & paints	998	0.5	11	0.0	21,263	10.4	2,664	0.5
3283 coloring mat. nec	----	----	26	0.0	189	0.2	191	0.3
3284 medicines	2,649	1.9	106	0.1	57,484	42.2	193	0.1
3285 perfumes & cleansers	1,103	0.5	135	0.0	1,958	1.0	2,898	0.5
3286 plastics	11,222	0.8	2,252	0.0	26,747	2.0	20,295	0.4
3291 pesticides	14	0.0	13	0.0	63	0.1	78	0.0
3292 starches, gluten, glue	37	0.0	136	0.0	30	0.0	571	0.2
3293 explosives	465	0.7	----	----	----	----	----	----
3297 chemical additives	3,079	3.4	556	0.1	195	0.2	508	0.1
3298 wood & resin chem.	2	0.0	95	0.0	21	0.0	752	0.3
3299 chem. products nec	5,663	1.5	3,054	0.4	42,341	1.5	69,767	8.2
Total crude materials, inedible except fuels	27,102,999	32.8	16,290,532	22.4	11,656,230	14.1	303,187	2.2
Subtotal forest products, wood and chips	893,139	23.0	771,562	3.4	64,570	1.7	17,387	0.1
4110 rubber & gums	211	0.0	82	0.6	----	----	3,144	23.6
4150 fuel wood	34,150	23.3	101	0.2	----	----	67	0.1
4161 wood chips	52,923	11.6	112,490	1.4	----	----	----	----
4170 wood in the rough	171,461	52.5	657,962	6.1	53	0.0	6,653	0.1
4189 lumber	633,846	43.4	923	0.0	22,896	1.6	6,690	0.2
4190 forest products nec	548	0.2	4	0.0	41,621	15.5	833	1.7
Subtotal pulp and waste paper	77,832	8.1	37,779	0.3	533.0	0.1	12,164	0.1
4225 pulp & waste paper	77,832	8.1	37,779	0.3	533	0.1	12,164	0.1
Subtotal soil, sand, gravel, rock and stone	11,091,380	48.3	6,206,897	60.0	8,398,844	36.6	457	0.0
4310 building stone	11,750	29.7	163	0.1	36	0.1	246	0.2
4322 limestone	2,591,896	68.1	3,962,572	93.0	361,459	9.5	----	----
4323 gypsum	5,693,568	65.0	105,430	62.8	1,971,594	22.5	29	0.0
4327 phosphate rock	36,238	4.6	142,663	4.3	----	----	----	----
4331 sand & gravel	2,757,928	28.8	1,996,069	80.4	6,065,755	63.4	182	0.0
Subtotal iron ore and scrap	11,239,560	56.0	6,822,005	42.9	2,325	0.0	249,043	1.6
4410 iron ore	10,982,358	56.5	6,678,269	99.6	----	----	----	----
4420 iron & steel scrap	257,202	41.6	143,736	1.6	2,325	0.4	249,043	2.7

Table 1-13: WATERBORNE TRADE WITH NAFTA PARTNERS, 1995 (continued)
 TONNAGE AND PERCENT OF TOTAL U.S. WATERBORNE IMPORTS AND EXPORTS
 (tons)

Commodity	Canada				Mexico			
	Imports		Exports		Imports		Exports	
	from	%	from	%	from	%	from	%
Subtotal non-ferrous ores and scrap	202,725	1.0	1,359,022	37.4	69,104	0.4	534	0.0
4630 copper ore			49	0.0			22	0.0
4650 aluminum ore	33,311	0.2	1,066,298	78.8				
4670 manganese ore					65,489	14.5		
4680 non-ferrous scrap	73,622	12.6	94	0.0	463	0.1	488	0.1
4690 non-ferrous ores nec	95,792	6.9	292,581	26.6	3,152	0.2	24	0.0
Subtotal sulphur clay and salt	350,291	22.4	288,536	5.7	567,395	36.2	22,941	0.5
4741 sulphur, (dry)			75	0.0	567,395	92.4	20,168	2.4
4782 clay & refrac. mat.	350,291	36.8	288,461	6.8			2,773	0.1
Subtotal slag	211,868	53.6	8,702	47.1				
4860 slag	211,868	53.6	8,702	47.1				
Subtotal other non-metal min.	3,036,204	22.8	796,029	52.0	2,553,459	19.2	661	0.0
4900 non-metal. min. nec	3,036,204	22.8	796,029	52.0	2,553,459	19.2	661	0.0
Total primary manufactured goods	4,586,131	8.9	241,173	1.4	1,874,590	3.6	78,361	0.4
Subtotal paper products	1,275,444	33.6	4,672	0.1	31,779	0.8	34,815	0.4
5110 newsprint	1,162,030	92.8	257	0.0	4,650	0.4	1,777	0.2
5120 paper & paperboard	105,179	4.7	3,598	0.1	1,637	0.1	30,150	0.5
5190 paper products nec	8,235	2.6	817	0.2	25,492	8.1	2,888	0.6
Subtotal lime, cement and glass	3,028,060	19.1	227,266	12.7	296,374	1.9	7,452	0.4
5210 lime	877	9.2			8,627	90.6	13	0.1
5220 cement & concrete	3,016,137	24.2	223,286	62.3	273,811	2.2	19	0.0
5240 glass & glass prod.	327	0.1	1,346	0.3	6,933	1.1	164	0.0
5290 misc. mineral prod.	10,719	0.4	2,634	0.3	7,003	0.3	7,256	0.8
Subtotal primary iron and steel products	196,360	0.8	5,006	0.1	1,503,341	6.0	30,591	0.6
5312 pig iron	135,672	3.5	50	0.1				
5315 ferro alloys	134	0.0	132	0.3	49,163	3.0	144	0.4
5320 i&s primary forms	37,746	0.8	31	0.0	1,176,165	24.1	260	0.1
5330 i&s plates & sheets	21,104	0.2	1,335	0.0	47,111	0.5	25,940	0.8
5360 i&s bars & shapes	1,326	0.0	1,349	0.3	154,381	5.1	469	0.1
5370 i&s pipe & tube	56	0.0	896	0.1	74,979	4.4	3,502	0.5
5390 primary i&s nec	322	0.1	1,213	1.9	1,542	0.2	276	0.4
Subtotal primary non-ferrous metal	39,777	0.7	4,103	0.2	41,827	0.8	5,064	0.2
5421 copper	86	0.0	236	0.1	757	0.2	247	0.1

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Table 1-13: WATERBORNE TRADE WITH NAFTA PARTNERS, 1995 (continued)
 TONNAGE AND PERCENT OF TOTAL U.S. WATERBORNE IMPORTS AND EXPORTS
 (tons)

Commodity	Canada				Mexico			
	Imports		Exports		Imports		Exports	
	from	%	from	%	from	%	from	%
5422 aluminum	28,897	2.5	826	0.1	36	0.0	245	0.0
5429 smelted prod. nec	1,959	0.3	222	0.1	----	----	99	0.0
5480 fab. metal products	8,835	0.3	2,819	0.3	41,034	1.3	4,473	0.6
Subtotal primary wood products	46,490	3.2	126	0.0	1,269	0.1	439	0.0
5540 primary wood prod.	46,490	3.2	126	0.0	1,269	0.1	439	0.0
Total food and farm products	1,866,013	8.1	5,434,450	3.1	366,196	1.6	3,841,389	2.2
Subtotal fish	12,204	1.4	14,601	1.8	6,699	0.7	204	0.0
6134 fish (not shellfish)	11,101	2.1	12,349	1.7	5,184	1.0	146	0.0
6136 shellfish	1,103	0.3	2,252	2.0	1,515	0.4	58	0.1
Subtotal grain	1,707,446	78.1	3,977,310	3.7	798	0.0	2,803,944	2.6
6241 wheat	396,223	92.9	2,188,124	6.2	----	----	469,851	1.3
6344 corn	2	0.0	1,708,757	2.7	798	3.2	1,698,629	2.6
6442 rice	6	0.0	423	0.0	----	----	77,343	2.4
6443 barley & rye	661,772	100.0	80,006	6.6	----	----	0	0.0
6445 oats	649,443	78.8	----	----	----	----	88	1.2
6447 sorghum grains	----	----	----	----	----	----	558,033	13.0
Subtotal oilseeds	----	----	1,368,035	5.6	9,650	7.0	764,693	3.1
6521 peanuts	----	----	----	----	----	----	154	0.1
6522 soybeans	----	----	1,340,923	5.7	----	----	764,519	3.2
6534 flaxseed	----	----	----	----	----	----	----	----
6590 oilseeds nec	697	0.7	27,112	5.0	9,650	9.2	20	0.0
Subtotal vegetable products	51,524	2.3	1,365	0.0	3,295	0.1	156,604	3.3
6653 vegetable oils	5,415	0.5	174	0.0	41	0.0	154,800	6.7
6654 vegetables & prod.	46,109	3.8	1,191	0.0	3,254	0.3	1,804	0.1
Subtotal processed grain grain and animal feed	65,634	8.6	2,641	0.0	3,785	0.5	11,727	0.1
6746 wheat flour	1,185	18.1	41	0.0	58	0.9	----	----
6747 grain mill products	2,441	0.6	1,926	0.2	3,671	0.9	882	0.1
6781 hay & fodder	21,758	96.9	----	----	----	----	20	0.0
6782 animal feed, prep.	40,250	13.1	674	0.0	56	0.0	10,825	0.1

Table 1-13: WATERBORNE TRADE WITH NAFTA PARTNERS, 1995 (continued)
 TONNAGE AND PERCENT OF TOTAL U.S. WATERBORNE IMPORTS AND EXPORTS
 (tons)

Commodity	Canada				Mexico			
	Imports		Exports		Imports		Exports	
	from	%	from	%	from	%	from	%
6838 tallow, animal oils	55	0.6	45	0.0	----	----	70,434	4.3
6839 animals & prod. nec	894	0.5	1,569	0.2	674	0.4	2,609	0.3
6856 bananas & plantains	----	----	----	----	7,430	0.2	----	----
6857 fruit & nuts nec	1,136	0.1	452	0.0	956	0.1	1,940	0.1
6858 fruit juices	975	0.1	1,003	0.1	1,559	0.1	7,140	0.8
6861 sugar	----	----	9,828	3.3	50,558	2.9	----	----
6865 molasses	----	----	14,499	5.9	166,181	16.4	----	----
6871 coffee	1,237	0.1	2,431	1.8	29,986	3.1	328	0.2
6872 cocoa beans	----	----	48	0.4	7,599	1.5	861	6.5
6885 alcoholic beverages	2,770	0.1	11,110	1.0	37,476	1.7	2,737	0.3
6888 water & ice	508	0.1	5,703	9.5	----	----	137	0.2
6889 food products nec	5,191	0.6	19,400	1.1	31,274	3.4	3,644	0.2
6891 tobacco & products	184	0.1	82	0.0	874	0.4	30	0.0
6893 cotton	----	----	18	0.0	6,696	32.6	949	0.0
6894 natural fibers nec	----	----	----	----	58	0.1	89	1.9
6899 farm products nec	5,253	6.0	231	0.1	251	0.3	221	0.1
Total all manufactured equipment, machinery and products	133,211	0.4	90,112	0.7	467,941	1.5	38,779	0.3
7110 machinery (not elec)	39,831	0.8	4,540	0.1	50,306	1.0	12,733	0.4
7120 electrical machinery	4,342	0.1	64,762	3.6	49,068	1.1	4,388	0.2
7210 vehicles & parts	32,863	0.6	661	0.0	111,980	2.0	1,813	0.1
7220 aircraft & parts	58	0.4	1	0.0	112	0.8	8	0.0
7230 ships & boats	1,022	3.7	11,889	7.2	4	0.0	954	0.6
7300 ordnance & access.	----	----	39	0.0	----	----	----	----
7400 manufac. wood prod.	15,388	3.6	184	0.1	581	0.1	289	0.1
7500 textile products	4,561	0.1	1,794	0.1	155,080	3.8	6,852	0.3
7600 rubber & plastic pr.	20,067	0.7	2,975	0.2	60,297	2.2	6,589	0.5
7900 manufac. prod. nec	15,079	0.2	3,267	0.2	40,513	0.5	5,153	0.3
Total unknown or nec	----	----	----	----	77,917	0.0	14,238	0.0
9900 unknown or nec	----	----	----	----	77,917	0.0	14,238	0.0

Section 2 Commodities

Table 2-1: SUMMARY OF FOREIGN AND DOMESTIC WATERBORNE COMMERCE
BY TYPE OF TRAFFIC AND COMMODITYComparative Statement of Traffic
(thousand tons)

Year	Total	Year	Total
1986	1,874,416	1991	2,092,108
1987	1,967,460	1992	2,133,310
1988	2,087,993	1993	2,128,221
1989	2,140,442	1994	2,214,754
1990	2,163,854	1995	2,240,393

Freight Traffic, 1995
(thousand tons)

Commodity	Grand Total	Foreign		Domestic					
		Imports	Exports	Total	Coastwise	Lakewise	Internal	Inraport	Intra-Territory
Total, all commodities	2,240,393	672,657	474,700	1,093,035	266,612	116,127	620,324	83,104	6,868
Total coal	324,453	10,188	90,725	223,540	11,790	20,981	173,747	17,023	-----
1100 coal lignite	314,936	6,356	90,150	218,430	11,786	20,737	169,312	16,595	-----
1200 coal coke	9,517	3,832	575	5,110	3	244	4,435	428	-----
Total petroleum and petroleum products	907,095	449,581	53,942	403,572	201,301	2,070	154,513	39,208	6,480
Subtotal crude petroleum	504,643	371,415	0	133,228	89,510	-----	42,688	1,030	-----
2100 crude petroleum	504,643	371,415	0	133,228	89,510	-----	42,688	1,030	-----
Subtotal petroleum products	402,452	78,166	53,941	270,345	111,791	2,070	111,825	38,178	6,480
2211 gasoline	114,434	10,789	3,849	99,796	55,057	287	34,840	7,016	2,595
2221 kerosene	6,782	3,651	1,307	1,824	540	-----	723	558	2
2330 distillate fuel oil	76,730	12,915	6,625	57,190	24,129	374	22,575	9,023	1,088
2340 residual fuel oil	111,876	25,914	10,141	75,821	25,276	240	29,585	18,006	2,715
2350 lube oil & greases	16,297	9,558	1,803	4,937	1,773	1	2,747	407	8
2410 petro. jelly & waxes	362	59	114	189	66	-----	121	2	-----
2429 naphtha & solvents	20,019	9,916	4,283	5,821	889	-----	3,577	1,290	65
2430 asphalt, tar & pitch	17,024	406	3,364	13,253	3,003	1,051	8,575	625	0
2540 petroleum coke	27,533	1,930	20,199	5,404	88	116	4,694	506	-----
2640 liquid natural gas	7,911	3,027	2,257	2,627	326	0	2,220	80	1
2990 petro. products nec	3,483	-----	-----	3,483	644	-----	2,169	664	6

Table 2-1: SUMMARY OF FOREIGN AND DOMESTIC WATERBORNE COMMERCE
 BY TYPE OF TRAFFIC AND COMMODITY
 Freight Traffic, 1995 - continued
 (thousand tons)

Commodity	Grand Total	Foreign		Domestic					
		Imports	Exports	Total	Coastwise	Lakewise	Internal	Inraport	Intra-Territory
Total chemicals and related products	152,895	24,067	49,466	79,361	14,896	143	53,332	10,775	216
Subtotal fertilizers	35,690	5,176	16,306	14,207	1,715	17	12,165	311	-----
3110 nitrogenous fert.	11,607	2,971	1,934	6,702	343	17	6,197	146	-----
3120 phosphatic fert.	2,371	34	776	1,561	237	-----	1,324	-----	-----
3130 potassic fert.	4,504	1,523	1,394	1,588	62	-----	1,368	159	-----
3190 fert. & mixes nec	17,208	649	12,203	4,356	1,074	0	3,276	6	-----
Subtotal other chemicals and related products	117,205	18,891	33,161	65,154	13,180	126	41,167	10,464	216
3211 acyclic hydrocarbons	3,487	434	697	2,355	23	-----	1,743	590	-----
3212 benzene & toluene	6,632	311	192	6,129	220	-----	3,841	2,030	37
3219 other hydrocarbons	19,839	1,194	5,026	13,619	2,453	-----	8,648	2,348	172
3220 alcohols	13,258	2,745	2,565	7,948	921	-----	5,637	1,391	-----
3230 carboxylic acids	4,320	694	1,940	1,686	137	-----	899	650	-----
3240 nitrogen func. comp.	3,425	272	1,555	1,598	10	-----	1,574	14	-----
3250 organo-inorgan. comp	808	261	545	2	0	-----	2	-----	-----
3260 organic comp. nec	5,998	3,315	1,192	1,491	236	-----	1,219	36	-----
3271 sulphur (liquid)	8,889	0	131	8,758	4,187	-----	4,476	94	-----
3272 sulphuric acid	2,505	502	107	1,896	21	-----	1,360	514	-----
3273 ammonia	7,285	3,803	428	3,053	608	-----	2,420	25	-----
3274 sodium hydroxide	10,316	596	3,242	6,478	1,618	-----	4,415	446	-----
3275 inorg. elem., oxides, & halogen salts	4,107	869	1,568	1,671	32	-----	873	766	-----
3276 metallic salts	6,327	771	4,643	913	87	126	664	36	-----
3279 inorganic chem. nec	349	211	47	91	1	-----	90	-----	-----
3281 radioactive material	42	24	17	1	1	-----	-----	-----	-----
3282 pigments & paints	756	205	503	48	45	-----	3	-----	-----
3283 coloring mat. nec	159	97	60	1	1	-----	-----	-----	-----
3284 medicines	396	136	129	131	131	-----	-----	-----	-----
3285 perfumes & cleansers	1,016	203	595	218	217	-----	-----	1	-----
3286 plastics	7,081	1,332	5,626	124	111	-----	13	-----	-----

Table 2-1: SUMMARY OF FOREIGN AND DOMESTIC WATERBORNE COMMERCE
BY TYPE OF TRAFFIC AND COMMODITY
Freight Traffic, 1995 - continued
(thousand tons)

Commodity	Grand Total	Foreign		Domestic					
		Imports	Exports	Total	Coastwise	Lakewise	Internal	Intraport	Intra-Territory
3291 pesticides	261	46	183	31	27	0	0	4	-----
3292 starches, gluten, glue	563	273	279	11	9	-----	2	-----	-----
3293 explosives	82	62	15	5	3	0	2	0	-----
3297 chemical additives	5,924	90	738	5,096	1,648	-----	2,263	1,185	-----
3298 wood & resin chem.	604	78	285	241	96	-----	145	-----	-----
3299 chem. products nec	2,774	368	851	1,556	337	-----	878	334	7
Total crude materials, inedible except fuels*	381,722	82,704	72,652	226,365	16,644	88,575	110,633	10,493	20
Subtotal forest products, wood and chips	47,245	3,885	22,655	20,705	1,208	0	17,643	1,854	1
4110 rubber & gums	1,247	1,226	13	8	5	-----	4	0	-----
4150 fuel wood	296	146	48	102	0	0	102	-----	-----
4161 wood chips	15,931	456	8,246	7,229	338	-----	6,881	10	-----
4170 wood in the rough	23,430	326	10,725	12,378	264	-----	10,272	1,842	-----
4189 lumber	5,790	1,462	3,575	754	556	0	195	2	1
4190 forest products nec	550	268	48	234	44	0	189	-----	-----
Subtotal pulp and waste paper	14,910	966	13,491	453	59	-----	394	0	-----
4225 pulp & waste paper	14,910	966	13,491	453	59	-----	394	0	-----
Subtotal soil, sand, gravel, rock and stone*	152,507	22,953	10,345	119,209	14,539	27,695	68,969	7,987	20
4310 building stone	188	40	146	3	1	-----	2	1	-----
4322 limestone	54,028	3,808	4,261	45,959	50	26,047	19,784	78	-----
4323 gypsum	10,466	8,763	168	1,536	3	924	609	-----	-----
4327 phosphate rock	10,676	780	3,289	6,607	6,558	-----	49	-----	-----
4331 sand & gravel	77,046	9,562	2,482	65,002	7,851	723	48,517	7,892	20
4338 soil & fill dirt	102	-----	-----	102	77	-----	8	17	-----
Subtotal iron ore and scrap	104,929	20,067	15,896	68,965	233	59,105	9,040	587	-----
4410 iron ore	89,601	19,449	6,704	63,448	8	58,816	4,449	176	-----
4420 iron & steel scrap	15,327	618	9,192	5,517	225	290	4,591	411	-----
Subtotal marine shells	484	2	8	474	0	-----	474	-----	-----
4515 marine shells	484	2	8	474	0	-----	474	-----	-----

* Does not include 10.7 million tons of waterway improvement material

Table 2-1: SUMMARY OF FOREIGN AND DOMESTIC WATERBORNE COMMERCE
 BY TYPE OF TRAFFIC AND COMMODITY
 Freight Traffic, 1995 - continued
 (thousand tons)

Commodity	Grand Total	Foreign		Domestic					
		Imports	Exports	Total	Coastwise	Lakewise	Internal	Inraport	Intra-Territory
Subtotal non-ferrous ores and scrap	27,879	19,581	3,635	4,664	54	2	4,596	11	-----
4630 copper ore	397	84	303	11	1	-----	10	-----	-----
4650 aluminum ore	21,794	17,077	1,353	3,365	3	-----	3,359	2	-----
4670 manganese ore	1,187	451	9	726	0	-----	718	9	-----
4680 non-ferrous scrap	1,569	586	871	113	13	2	97	-----	-----
4690 non-ferrous ores nec	2,931	1,383	1,100	449	36	-----	412	-----	-----
Subtotal sulphur, clay and salt	7,629	1,566	5,071	992	176	14	766	37	-----
4741 sulphur, (dry)	1,448	614	834	0	0	-----	-----	-----	-----
4782 clay & refrac. mat.	6,181	952	4,237	992	176	14	766	37	-----
Subtotal slag	1,913	395	18	1,499	26	724	749	-----	-----
4860 slag	1,913	395	18	1,499	26	724	749	-----	-----
Subtotal other non-metal. min.	24,226	13,290	1,532	9,404	350	1,035	8,003	16	-----
4900 non-metal. min. nec	24,226	13,290	1,532	9,404	350	1,035	8,003	16	-----
Total primary manufactured goods	106,282	51,744	17,740	36,797	6,690	3,716	25,457	932	2
Subtotal paper products	13,098	3,801	7,805	1,492	571	0	920	0	-----
5110 newsprint	2,266	1,252	937	77	17	-----	60	-----	-----
5120 paper & paperboard	9,606	2,235	6,350	1,021	249	-----	772	-----	-----
5190 paper products nec	1,226	314	518	394	305	0	88	0	-----
Subtotal lime, cement and glass	33,866	15,877	1,786	16,204	2,662	3,339	9,398	804	1
5210 lime	2,045	10	18	2,018	1	-----	2,017	-----	-----
5220 cement & concrete	26,464	12,442	358	13,664	2,358	3,339	7,165	801	-----
5240 glass & glass prod.	1,240	634	526	81	50	-----	31	-----	-----
5290 misc. mineral prod.	4,117	2,792	884	442	254	0	185	3	1
Subtotal primary iron and steel products	44,063	25,238	4,933	13,892	206	376	13,189	121	-----
5312 pig iron	6,855	3,896	70	2,889	-----	24	2,832	33	-----
5315 ferro alloys	2,944	1,619	39	1,285	0	-----	1,264	22	-----
5320 i&s primary forms	7,639	4,881	242	2,515	70	6	2,437	3	-----
5330 i&s plates & sheets	17,080	9,472	3,357	4,251	10	209	3,989	43	-----
5360 i&s bars & shapes	4,349	3,052	393	905	66	1	835	2	-----

Table 2-1: SUMMARY OF FOREIGN AND DOMESTIC WATERBORNE COMMERCE
 BY TYPE OF TRAFFIC AND COMMODITY
 Freight Traffic, 1995 - continued
 (thousand tons)

Commodity	Grand Total	Foreign		Domestic					
		Imports	Exports	Total	Coastwise	Lakewise	Internal	Intraport	Intra-Territory
5370 i&s pipe & tube	3,247	1,697	767	783	48	-----	729	7	-----
5390 primary i&s nec	1,950	621	65	1,263	12	136	1,103	12	-----
Subtotal primary non-ferrous metal products	12,339	5,368	2,097	4,874	3,098	0	1,768	7	2
5421 copper	748	364	344	40	14	-----	26	-----	-----
5422 aluminum	2,176	1,148	747	281	17	-----	262	1	-----
5429 smelted prod. nec	907	585	199	123	10	-----	113	-----	-----
5480 fab. metal products	8,508	3,271	807	4,430	3,057	0	1,366	5	2
Subtotal primary wood products	2,915	1,461	1,120	335	153	-----	181	0	-----
5540 primary wood prod.	2,915	1,461	1,120	335	153	-----	181	0	-----
Total food and farm products	303,222	23,164	176,698	103,360	8,342	593	93,994	430	1
Subtotal fish	3,580	894	823	1,864	210	-----	1,589	65	-----
6134 fish (not shellfish)	2,660	516	708	1,435	198	-----	1,187	50	-----
6136 shellfish	921	377	115	429	12	-----	402	15	-----
Subtotal grain	167,925	2,187	108,165	57,574	680	592	56,227	75	-----
6241 wheat	48,460	427	35,274	12,759	234	592	11,908	26	-----
6344 corn	105,038	25	64,215	40,798	272	-----	40,490	35	-----
6442 rice	5,043	249	3,172	1,622	149	-----	1,472	-----	-----
6443 barley & rye	2,560	662	1,208	690	14	-----	668	9	-----
6445 oats	1,095	824	8	263	11	-----	248	4	-----
6447 sorghum grains	5,730	0	4,288	1,442	0	-----	1,441	1	-----
Subtotal oilseeds	46,119	137	24,408	21,573	102	-----	21,445	26	-----
6521 peanuts	253	31	220	1	1	-----	-----	-----	-----
6522 soybeans	42,048	1	23,643	18,405	13	-----	18,368	24	-----
6534 flaxseed	0	0	0	-----	-----	-----	-----	-----	-----
6590 oilseeds nec	3,817	105	545	3,167	88	-----	3,078	1	-----
Subtotal vegetable products	9,049	2,225	4,717	2,108	571	-----	1,521	16	-----
6653 vegetable oils	4,890	1,009	2,313	1,568	93	-----	1,460	16	-----
6654 vegetables & prod.	4,159	1,216	2,404	539	478	-----	61	-----	-----
Subtotal processed grain and animal feed	33,025	764	21,707	10,554	551	0	9,943	61	-----
6746 wheat flour	1,311	7	1,167	137	100	-----	37	-----	-----
6747 grain mill products	1,706	428	811	467	168	0	300	0	-----
6781 hay & fodder	3,099	22	3,005	72	23	-----	49	-----	-----
6782 animal feed, prep.	26,910	308	16,725	9,877	260	-----	9,557	61	-----

Table 2-1: SUMMARY OF FOREIGN AND DOMESTIC WATERBORNE COMMERCE
 BY TYPE OF TRAFFIC AND COMMODITY
 Freight Traffic, 1995 - continued
 (thousand tons)

Commodity	Grand Total	Foreign		Domestic					
		Imports	Exports	Total	Coastwise	Lakewise	Internal	Inraport	Intra-Territory
Subtotal other agricultural products	43,523	16,958	16,878	9,687	6,229	1	3,269	187	1
6811 meat, fresh, frozen	4,327	680	3,271	375	375	-----	0	-----	-----
6817 meat, prepared	426	141	212	72	72	-----	-----	-----	-----
6822 dairy products	772	269	387	116	116	-----	0	0	-----
6835 fish, prepared	559	291	137	132	85	-----	43	3	-----
6838 tallow, animal oils	1,666	9	1,637	21	6	-----	15	-----	-----
6839 animals & prod. nec	1,939	181	1,014	744	731	-----	13	-----	-----
6856 bananas & plantains	4,416	4,405	1	10	10	-----	-----	-----	-----
6857 fruit & nuts nec	4,350	1,536	2,610	204	202	1	2	-----	-----
6858 fruit juices	2,492	1,315	858	320	320	-----	0	-----	-----
6861 sugar	4,045	1,759	295	1,991	1,510	-----	482	-----	-----
6865 molasses	1,968	1,014	244	710	249	-----	400	62	-----
6871 coffee	1,112	964	135	13	12	-----	1	-----	-----
6872 cocoa beans	543	499	13	30	30	-----	-----	-----	-----
6885 alcoholic beverages	3,952	2,212	1,090	649	615	-----	34	-----	0
6887 groceries	795	-----	-----	795	768	0	26	0	1
6888 water & ice	2,610	378	60	2,172	34	-----	2,016	122	0
6889 food products nec	3,912	922	1,728	1,261	1,043	0	217	0	0
6891 tobacco & products	1,009	234	751	24	24	-----	-----	-----	-----
6893 cotton	2,279	21	2,255	4	4	-----	-----	-----	-----
6894 natural fibers nec	46	41	5	0	0	-----	-----	-----	-----
6899 farm products nec	304	88	175	41	21	-----	20	-----	-----
Total all manufactured equipment, machinery and products	57,796	30,327	12,891	14,578	6,788	37	7,589	15	148
7110 machinery (not elec)	14,691	5,213	3,228	6,250	240	0	6,000	6	3
7120 electrical machinery	6,450	4,404	1,798	248	233	0	14	0	0
7210 vehicles & parts	9,077	5,739	2,234	1,103	1,070	0	30	1	3
7220 aircraft & parts	40	15	23	1	1	-----	0	-----	-----
7230 ships & boats	232	27	166	39	30	-----	7	1	-----
7300 ordnance & access.	169	23	124	22	5	-----	15	2	-----

Table 2-1: SUMMARY OF FOREIGN AND DOMESTIC WATERBORNE COMMERCE
 BY TYPE OF TRAFFIC AND COMMODITY
 Freight Traffic, 1995 - continued
 (thousand tons)

Commodity	Grand Total	Foreign		Domestic					
		Imports	Exports	Total	Coastwise	Lakewise	Internal	Inraport	Intra-Territory
7400 manufac. wood prod.	841	425	229	188	150	0	37	0	1
7500 textile products	6,470	4,070	2,142	258	183	-----	75	0	-----
7600 rubber & plastic pr.	4,289	2,690	1,351	248	130	0	117	0	-----
7800 empty containers	64	-----	-----	64	-----	-----	64	-----	-----
7900 manufac. prod. nec	15,472	7,719	1,595	6,157	4,747	36	1,228	6	140
Total waste and scrap nec	5,352	-----	-----	5,352	69	0	1,054	4,229	-----
8900 waste and scrap nec	5,352	-----	-----	5,352	69	0	1,054	4,229	-----
Total unknown or not elsewhere classified	1,578	881	586	110	92	12	6	-----	0
9900 unknown or nec	1,578	881	586	110	92	12	6	-----	0

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

Comparative Statement of Traffic
(million ton-miles)

Year	Total	Year	Total
1986	873,401	1991	848,399
1987	895,416	1992	856,685
1988	890,028	1993	789,657
1989	815,550	1994	814,919
1990	833,544	1995	807,727

Freight Traffic, 1995
(million ton-miles)

Commodity	Grand Total	Coastwise	Lakewise	Internal	Intraport
Total, all commodities	807,727	440,345	59,703	306,329	1,349
Total coal	96,881	7,775	11,215	77,358	532
1100 coal lignite	93,250	7,773	11,126	73,837	512
1200 coal coke	3,631	1	88	3,521	19
Total petroleum and petroleum products	402,819	364,752	613	36,994	459
Subtotal crude petroleum	247,668	242,709	-----	4,947	10
2100 crude petroleum	247,668	242,709	-----	4,947	10
Subtotal petroleum products	155,151	122,042	613	32,046	448
2211 gasoline	76,281	65,356	94	10,725	104
2221 kerosene	422	268	-----	146	7
2330 distillate fuel oil	26,875	22,061	98	4,571	143
2340 residual fuel oil	30,422	24,937	41	5,301	141
2350 lube oil & greases	5,738	3,964	0	1,771	3
2410 petro. jelly & waxes	214	161	-----	52	0
2429 naphtha & solvents	3,550	2,087	-----	1,453	9
2430 asphalt, tar & pitch	7,753	2,332	361	5,052	7
2540 petroleum coke	2,034	65	17	1,925	25
2640 liquid natural gas	759	265	0	493	0
2990 petro. products nec	1,099	541	-----	552	4
Total chemicals and related products	58,520	26,666	46	31,694	112
Subtotal fertilizers	12,482	1,983	2	10,495	1
3110 nitrogenous fert.	5,917	645	2	5,268	1
3120 phosphatic fert.	681	182	-----	498	-----
3130 potassic fert.	948	75	-----	873	0
3190 fert. & mixes nec	4,934	1,080	0	3,854	0
Subtotal other chemicals and related products	46,037	24,683	44	21,199	111
3211 acyclic hydrocarbons	548	88	-----	455	3
3212 benzene & toluene	1,722	726	-----	960	34
3219 other hydrocarbons	12,100	5,505	-----	6,579	14
3220 alcohols	5,887	1,982	-----	3,890	14
3230 carboxylic acids	870	336	-----	531	3
3240 nitrogen func. comp.	931	24	-----	906	0
3250 organo- inorgan. comp	0	0	-----	0	-----
3260 organic comp. nec	1,618	603	-----	1,014	0
3271 sulphur (liquid)	4,231	3,801	-----	429	1

Table 2.2: SUMMARY OF DOMESTIC WATERBORNE COMMERCE, TON-MILES
 BY TYPE OF TRAFFIC AND COMMODITY
 Freight Traffic, 1995 - continued
 (million ton-miles)

Commodity		Grand Total	Coastwise	Lakewise	Internal	Intraport
3272	sulphuric acid	291	14	-----	269	8
3273	ammonia	2,371	933	-----	1,437	0
3274	sodium hydroxide	6,129	3,191	-----	2,932	6
3275	inorg. elem., oxides, & halogen salts	516	53	-----	450	12
3276	metallic salts	416	110	44	262	0
3279	inorganic chem. nec	127	1	-----	126	-----
3281	radioactive material	4	4	-----	-----	-----
3282	pigments & paints	94	92	-----	2	-----
3283	coloring mat. nec	1	1	-----	-----	-----
3284	medicines	213	213	-----	-----	-----
3285	perfumes & cleansers	411	411	-----	-----	0
3286	plastics	212	199	-----	13	-----
3291	pesticides	46	45	0	0	0
3292	starches, gluten, glue	14	14	-----	0	-----
3293	explosives	8	8	0	0	0
3297	chemical additives	5,865	5,436	-----	421	8
3298	wood & resin chem.	370	345	-----	25	-----
3299	chem. products nec	1,029	536	-----	490	2
Total crude materials, inedible except fuels		98,610	10,065	46,133	42,297	114
Subtotal forest products, wood and chips		5,240	1,620	0	3,611	8
4110	rubber & gums	8	6	-----	2	0
4150	fuel wood	22	1	0	21	-----
4161	wood chips	2,380	185	-----	2,194	0
4170	wood in the rough	1,525	356	-----	1,160	8
4189	lumber	1,146	988	0	157	0
4190	forest products nec	156	81	0	74	-----
Subtotal pulp and waste paper		118	84	-----	33	0
4225	pulp & waste paper	118	84	-----	33	0
Subtotal soil, sand, gravel, rock and stone		32,424	7,553	8,743	16,030	98
4310	building stone	4	1	-----	2	0
4322	limestone	16,172	26	8,282	7,862	0
4323	gypsum	798	4	267	526	-----
4327	phosphate rock	6,057	5,994	-----	62	-----
4331	sand & gravel	9,341	1,484	192	7,566	97
4338	soil & fill dirt	50	40	-----	9	0
Subtotal iron ore and scrap		44,015	255	36,843	6,910	5
4410	iron ore	40,533	6	36,606	3,920	0
4420	iron & steel scrap	3,482	249	236	2,990	5
Subtotal marine shells		62	0	-----	62	-----
4515	marine shells	62	0	-----	62	-----
Subtotal non-ferrous ores and scrap		5,630	57	1	5,571	0
4630	copper ore	11	1	-----	9	-----
4650	aluminum ore	4,237	4	-----	4,233	0
4670	manganese ore	830	0	-----	830	0
4680	non-ferrous scrap	100	14	1	84	-----
4690	non-ferrous ores nec	450	37	-----	412	-----
Subtotal sulphur, clay and salt		370	78	2	288	1
4741	sulphur, (dry)	0	0	-----	-----	-----
4782	clay & refrac. mat.	370	78	2	288	1

Table 2.2: SUMMARY OF DOMESTIC WATERBORNE COMMERCE, TON-MILES
 BY TYPE OF TRAFFIC AND COMMODITY
 Freight Traffic, 1995 - continued
 (million ton-miles)

Commodity	Grand Total	Coastwise	Lakewise	Internal	Intraport
Subtotal slag	1,003	26	266	711	-----
4860 slag	1,003	26	266	711	-----
Subtotal other non-metal. min.	9,744	389	275	9,078	0
4900 non-metal. min. nec	9,744	389	275	9,078	0
Total primary manufactured goods	28,520	5,381	1,114	22,000	24
Subtotal paper products	1,251	1,106	0	145	0
5110 newsprint	83	27	-----	55	-----
5120 paper & paperboard	454	407	-----	46	-----
5190 paper products nec	713	671	0	42	0
Subtotal lime, cement and glass	7,859	1,959	1,101	4,775	23
5210 lime	817	0	-----	816	-----
5220 cement & concrete	6,362	1,336	1,101	3,900	23
5240 glass & glass prod.	97	77	-----	20	-----
5290 misc. mineral prod.	582	544	0	37	0
Subtotal primary iron and steel products	15,474	363	12	15,097	0
5312 pig iron	3,145	-----	6	3,138	0
5315 ferro alloys	1,765	0	-----	1,765	0
5320 i&s primary forms	3,169	52	0	3,116	0
5330 i&s plates & sheets	4,361	19	2	4,338	0
5360 i&s bars & shapes	1,124	201	0	922	0
5370 i&s pipe & tube	628	69	-----	558	0
5390 primary i&s nec	1,280	19	3	1,257	0
Subtotal primary non-ferrous metal products	3,429	1,617	0	1,811	0
5421 copper	45	19	-----	25	-----
5422 aluminum	297	27	-----	270	0
5429 smelted prod. nec	169	17	-----	152	-----
5480 fab. metal products	2,916	1,553	0	1,363	0
Subtotal primary wood products	505	334	-----	170	0
5540 primary wood prod.	505	334	-----	170	0
Total food and farm products	110,681	15,154	581	94,942	2
Subtotal fish	466	353	-----	113	0
6134 fish (not shellfish)	426	335	-----	90	0
6136 shellfish	40	17	-----	22	0
Subtotal grain	62,364	1,313	581	60,469	0
6241 wheat	8,388	376	581	7,430	0
6344 corn	50,894	545	-----	50,349	0
6442 rice	1,220	348	-----	872	-----
6443 barley & rye	343	28	-----	315	0
6445 oats	301	15	-----	286	0
6447 sorghum grains	1,216	0	-----	1,216	0
Subtotal oilseeds	21,811	197	-----	21,614	0
6521 peanuts	1	1	-----	-----	-----
6522 soybeans	18,751	25	-----	18,726	0
6590 oilseeds nec	3,059	171	-----	2,887	0
Subtotal vegetable products	2,469	1,184	-----	1,284	0
6653 vegetable oils	1,429	176	-----	1,252	0
6654 vegetables & prod.	1,039	1,007	-----	31	-----

Table 2.2: SUMMARY OF DOMESTIC WATERBORNE COMMERCE, TON-MILES
 BY TYPE OF TRAFFIC AND COMMODITY
 Freight Traffic, 1995 - continued
 (million ton-miles)

Commodity	Grand Total	Coastwise	Lakewise	Internal	Intraport
Subtotal processed grain and animal feed	11,727	1,178	0	10,548	0
6746 wheat flour	313	291	-----	22	-----
6747 grain mill products	621	281	0	340	0
6781 hay & fodder	75	65	-----	10	-----
6782 animal feed, prep.	10,716	540	-----	10,175	0
Subtotal other agricultural products	11,841	10,927	0	913	1
6811 meat, fresh, frozen	692	692	-----	0	-----
6817 meat, prepared	118	118	-----	-----	-----
6822 dairy products	231	231	-----	0	0
6835 fish, prepared	198	155	-----	43	0
6838 tallow, animal oils	29	10	-----	19	-----
6839 animals & prod. nec	1,233	1,229	-----	3	-----
6856 bananas & plantains	27	27	-----	-----	-----
6857 fruit & nuts nec	534	534	0	0	-----
6858 fruit juices	589	589	-----	0	-----
6861 sugar	2,684	2,451	-----	232	-----
6865 molasses	807	494	-----	312	0
6871 coffee	25	25	-----	0	-----
6872 cocoa beans	21	21	-----	-----	-----
6885 alcoholic beverages	1,233	1,191	-----	41	-----
6887 groceries	1,375	1,354	0	21	0
6888 water & ice	85	40	-----	43	1
6889 food products nec	1,834	1,670	0	164	0
6891 tobacco & products	39	39	-----	-----	-----
6893 cotton	4	4	-----	-----	-----
6894 natural fibers nec	0	0	-----	-----	-----
6899 farm products nec	72	42	-----	29	-----
Total all manufactured equipment, machinery and products	11,000	10,153	0	847	0
7110 machinery (not elec)	700	432	0	267	0
7120 electrical machinery	398	385	0	12	0
7210 vehicles & parts	1,212	1,191	0	20	0
7220 aircraft & parts	1	1	-----	0	-----
7230 ships & boats	42	40	-----	2	0
7300 ordnance & access.	29	20	-----	8	0
7400 manufac. wood prod.	248	229	0	18	0
7500 textile products	353	271	-----	82	0
7600 rubber & plastic pr.	294	208	0	86	0
7800 empty containers	12	-----	-----	12	-----
7900 manufac. prod. nec	7,707	7,372	0	335	0
Total waste and scrap nec	492	195	0	193	103
8900 waste and scrap nec	492	195	0	193	103
Total unknown or not elsewhere classified	201	201	0	0	-----
9900 unknown or nec	201	201	0	0	-----

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

Comparative Statement of Traffic
(thousand tons)

Year	Total	Year	Total
1986	697,192	1991	750,244
1987	713,384	1992	765,382
1988	740,893	1993	753,287
1989	743,196	1994	782,014
1990	776,146	1995	786,560

Freight Traffic, 1995
(thousand tons)

Commodity	Barge-Traffic						Domestic	
	Total	Coastwise	Lakewise	Internal	Intraport	Intra-Territory	%-Barge	Traffic
Total, all commodities	786,560	100,909	8,486	592,500	79,837	4,828	72.0	1,093,035
Total coal	200,920	10,063	158	173,715	16,985	-----	89.9	223,540
1100 coal lignite	196,055	10,059	158	169,280	16,557	-----	89.8	218,430
1200 coal coke	4,866	3	-----	4,435	428	-----	95.2	5,110
Total petroleum and petroleum products	246,179	55,836	1,489	146,002	38,058	4,795	61.0	403,572
Subtotal crude petroleum	38,664	1,420	-----	36,215	1,030	-----	29.0	133,228
2100 crude petroleum	38,664	1,420	-----	36,215	1,030	-----	29.0	133,228
Subtotal petroleum products	207,515	54,416	1,489	109,787	37,028	4,795	76.8	270,345
2211 gasoline	64,489	22,485	219	33,868	6,709	1,207	64.6	99,796
2221 kerosene	1,683	420	-----	719	544	-----	92.3	1,824
2330 distillate fuel oil	43,982	12,589	295	21,693	8,407	999	76.9	57,190
2340 residual fuel oil	64,939	14,798	211	29,537	17,884	2,509	85.6	75,821
2350 lube oil & greases	3,199	152	1	2,684	352	8	64.8	4,937
2410 petro. jelly & waxes	184	61	-----	121	2	-----	97.4	189
2429 naphtha & solvents	5,201	309	-----	3,569	1,257	65	89.4	5,821
2430 asphalt, tar & pitch	12,634	2,751	739	8,519	625	-----	95.3	13,253
2540 petroleum coke	5,310	88	23	4,694	506	-----	98.3	5,404
2640 liquid natural gas	2,617	318	-----	2,219	80	-----	99.6	2,627
2990 petro. products nec	3,277	443	-----	2,164	663	6	94.1	3,483
Total chemicals and related products	67,701	5,756	143	51,042	10,753	7	85.3	79,361
Subtotal fertilizers	14,110	1,620	17	12,162	311	-----	99.3	14,207
3110 nitrogenous fert.	6,700	340	17	6,197	146	-----	100.0	6,702
3120 phosphatic fert.	1,561	237	-----	1,324	-----	-----	100.0	1,561
3130 potassic fert.	1,587	62	-----	1,366	159	-----	99.9	1,588
3190 fert. & mixes nec	4,262	982	-----	3,275	6	-----	97.8	4,356
Subtotal other chemicals and related products	53,591	4,136	126	38,880	10,442	7	82.3	65,154
3211 acyclic hydrocarbons	2,338	5	-----	1,743	590	-----	99.3	2,355
3212 benzene & toluene	5,856	8	-----	3,822	2,026	-----	95.5	6,129
3219 other hydrocarbons	11,627	632	-----	8,647	2,348	-----	85.4	13,619
3220 alcohols	7,241	222	-----	5,636	1,382	-----	91.1	7,948

Table 2-3: DOMESTIC BARGE TRAFFIC BY TYPE OF TRAFFIC AND COMMODITY
 Freight Traffic, 1995 - continued
 (thousand tons)

Commodity	Total	Barge-Traffic					Domestic	
		Coastwise	Lakewise	Internal	Intraport	Intra-Territory	%-Barge	Traffic
3230 carboxylic acids	1,558	9	-----	899	650	-----	92.4	1,686
3240 nitrogen func. comp.	1,589	1	-----	1,574	14	-----	99.4	1,598
3250 organo- inorgan. comp	2	0	-----	2	-----	-----	94.2	2
3260 organic comp. nec	1,257	3	-----	1,219	36	-----	84.4	1,491
3271 sulphur (liquid)	3,181	799	-----	2,287	94	-----	36.3	8,758
3272 sulphuric acid	1,893	18	-----	1,360	514	-----	99.8	1,896
3273 ammonia	2,689	248	-----	2,415	25	-----	88.1	3,053
3274 sodium hydroxide	6,249	1,388	-----	4,415	446	-----	96.5	6,478
3275 inorg. elem.,oxides, & halogen salts	1,638	8	-----	864	766	-----	98.1	1,671
3276 metallic salts	891	81	126	649	36	-----	97.6	913
3279 inorganic chem. nec	91	0	-----	90	-----	-----	99.6	91
3281 radioactive material	0	0	-----	-----	-----	-----	2.2	1
3282 pigments & paints	9	6	-----	2	-----	-----	18.0	48
3283 coloring mat. nec	1	1	-----	-----	-----	-----	67.7	1
3284 medicines	9	9	-----	-----	-----	-----	7.1	131
3285 perfumes & cleansers	45	44	-----	-----	1	-----	20.7	218
3286 plastics	40	27	-----	13	-----	-----	32.6	124
3291 pesticides	16	11	-----	0	4	-----	50.6	31
3292 starches, gluten, glue	4	2	-----	2	-----	-----	38.4	11
3293 explosives	2	1	-----	1	0	-----	44.7	5
3297 chemical additives	3,755	359	-----	2,220	1,176	-----	73.7	5,096
3298 wood & resin chem.	182	37	-----	145	-----	-----	75.5	241
3299 chem. products nec	1,428	214	-----	873	334	7	91.8	1,556
Total crude materials, inedible except fuels	133,910	16,377	5,771	103,232	8,510	20	59.2	226,365
Subtotal forest products, wood and chips	12,234	1,035	0	11,145	54	0	59.1	20,705
4110 rubber & gums	8	4	-----	4	0	-----	92.8	8
4150 fuel wood	102	0	0	102	-----	-----	99.6	102
4161 wood chips	7,229	337	-----	6,881	10	-----	100.0	7,229
4170 wood in the rough	4,131	230	-----	3,858	42	-----	33.4	12,378
4189 lumber	632	441	0	189	2	0	83.9	754
4190 forest products nec	133	23	-----	110	-----	-----	56.8	234
Subtotal pulp and waste paper	438	43	-----	394	0	-----	96.6	453
4225 pulp & waste paper	438	43	-----	394	0	-----	96.6	453
Subtotal soil, sand, gravel, rock and stone	93,661	14,529	2,198	68,942	7,972	20	78.6	119,209
4310 building stone	2	-----	-----	2	1	-----	81.4	3
4322 limestone	22,035	49	2,144	19,778	64	-----	47.9	45,959
4323 gypsum	611	2	-----	609	-----	-----	39.8	1,536
4327 phosphate rock	6,607	6,558	-----	49	-----	-----	100.0	6,607
4331 sand & gravel	64,309	7,848	54	48,497	7,891	20	98.9	65,002
4338 soil & fill dirt	97	72	-----	8	17	-----	94.8	102
Subtotal iron ore and scrap	12,685	208	3,016	9,039	422	-----	18.4	68,965
4410 iron ore	7,287	8	2,819	4,449	11	-----	11.5	63,448
4420 iron & steel scrap	5,398	200	197	4,590	411	-----	97.8	5,517

Table 2-3: DOMESTIC BARGE TRAFFIC BY TYPE OF TRAFFIC AND COMMODITY
 Freight Traffic, 1995 - continued
 (thousand tons)

Commodity	Total	Barge-Traffic					Domestic	
		Coastwise	Lakewise	Internal	Intraport	Intra-Territory	%-Barge	Traffic
Subtotal marine shells	462	-----	-----	462	-----	-----	97.6	474
4515 marine shells	462	-----	-----	462	-----	-----	97.6	474
Subtotal non-ferrous ores and scrap	4,657	50	-----	4,596	11	-----	99.9	4,664
4630 copper ore	10	0	-----	10	-----	-----	92.5	11
4650 aluminum ore	3,365	3	-----	3,359	2	-----	100.0	3,365
4670 manganese ore	726	-----	-----	718	9	-----	100.0	726
4680 non-ferrous scrap	108	11	-----	97	-----	-----	95.8	113
4690 non-ferrous ores nec	448	36	-----	412	-----	-----	99.9	449
Subtotal sulphur, clay and salt	682	171	14	462	35	-----	68.8	992
4741 sulphur, (dry)	0	0	-----	-----	-----	-----	100.0	0
4782 clay & refrac. mat.	682	170	14	462	35	-----	68.8	992
Subtotal slag	905	26	130	749	-----	-----	60.4	1,499
4860 slag	905	26	130	749	-----	-----	60.4	1,499
Subtotal other non-metal. min.	8,187	315	412	7,444	15	-----	87.1	9,404
4900 non-metal. min. nec	8,187	315	412	7,444	15	-----	87.1	9,404
Total primary manufactured goods	32,778	5,605	925	25,316	931	2	89.1	36,797
Subtotal paper products	1,068	148	-----	920	0	-----	71.6	1,492
5110 newsprint	67	7	-----	60	-----	-----	87.4	77
5120 paper & paperboard	786	14	-----	772	-----	-----	76.9	1,021
5190 paper products nec	215	127	-----	88	0	-----	54.7	394
Subtotal lime, cement and glass	13,150	2,453	548	9,344	804	0	81.2	16,204
5210 lime	2,017	0	-----	2,017	-----	-----	100.0	2,018
5220 cement & concrete	10,809	2,342	548	7,117	801	-----	79.1	13,664
5240 glass & glass prod.	48	17	-----	31	-----	-----	59.7	81
5290 misc. mineral prod.	276	94	-----	178	3	0	62.4	442
Subtotal primary iron and steel products	13,765	149	376	13,119	121	-----	99.1	13,892
5312 pig iron	2,889	-----	24	2,832	33	-----	100.0	2,889
5315 ferro alloys	1,285	-----	-----	1,264	22	-----	100.0	1,285
5320 i&s primary forms	2,515	69	6	2,437	3	-----	100.0	2,515
5330 i&s plates & sheets	4,242	1	209	3,989	43	-----	99.8	4,251
5360 i&s bars & shapes	866	28	1	835	2	-----	95.7	905
5370 i&s pipe & tube	707	41	-----	658	7	-----	90.2	783
5390 primary i&s nec	1,261	10	136	1,103	12	-----	99.8	1,263
Subtotal primary non-ferrous metal products	4,505	2,745	-----	1,752	6	1	92.4	4,874
5421 copper	31	5	-----	26	-----	-----	78.1	40
5422 aluminum	264	1	-----	262	1	-----	94.2	281
5429 smelted prod. nec	114	1	-----	113	-----	-----	92.8	123
5480 fab. metal products	4,095	2,738	-----	1,351	5	1	92.4	4,430
Subtotal primary wood products	290	109	-----	181	-----	-----	86.7	335
5540 primary wood prod.	290	109	-----	181	-----	-----	86.7	335

Table 2-3: DOMESTIC BARGE TRAFFIC BY TYPE OF TRAFFIC AND COMMODITY
 Freight Traffic, 1995 - continued
 (thousand tons)

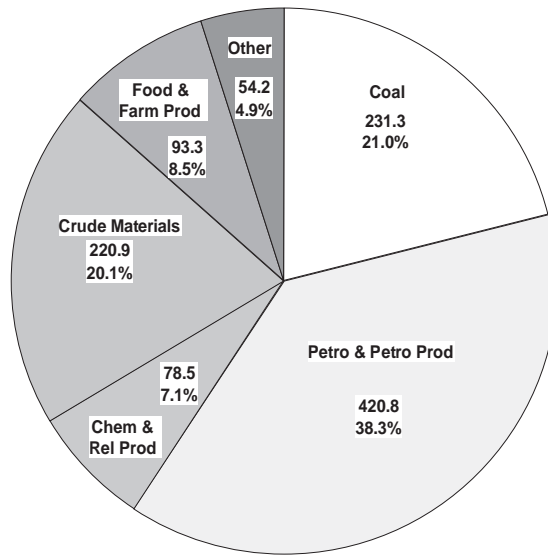
Commodity	Total	Barge-Traffic					Domestic	
		Coastwise	Lakewise	Internal	Intraport	Intra-Territory	%-Barge	Traffic
Total food and farm products	94,348	3,557	-----	90,429	361	-----	91.3	103,360
Subtotal fish	65	41	-----	23	-----	-----	3.5	1,864
6134 fish (not shellfish)	63	41	-----	22	-----	-----	4.4	1,435
6136 shellfish	1	0	-----	1	-----	-----	0.3	429
Subtotal grain	56,841	540	-----	56,226	74	-----	98.7	57,574
6241 wheat	12,153	220	-----	11,907	26	-----	95.2	12,759
6344 corn	40,778	253	-----	40,490	35	-----	100.0	40,798
6442 rice	1,516	43	-----	1,472	-----	-----	93.5	1,622
6443 barley & rye	690	13	-----	667	9	-----	99.9	690
6445 oats	263	11	-----	248	4	-----	100.0	263
6447 sorghum grains	1,442	0	-----	1,441	1	-----	100.0	1,442
Subtotal oilseeds	21,554	83	-----	21,445	26	-----	99.9	21,573
6521 peanuts	0	0	-----	-----	-----	-----	20.9	1
6522 soybeans	18,399	7	-----	18,368	24	-----	100.0	18,405
6590 oilseeds nec	3,155	76	-----	3,078	1	-----	99.6	3,167
Subtotal vegetable products	1,675	138	-----	1,521	16	-----	79.5	2,108
6653 vegetable oils	1,551	75	-----	1,460	16	-----	98.9	1,568
6654 vegetables & prod.	124	63	-----	61	-----	-----	23.0	539
Subtotal processed grain and animal feed	10,289	285	-----	9,943	61	-----	97.5	10,554
6746 wheat flour	55	18	-----	37	-----	-----	39.9	137
6747 grain mill products	441	141	-----	300	-----	-----	94.4	467
6781 hay & fodder	54	5	-----	49	-----	-----	75.2	72
6782 animal feed, prep.	9,739	121	-----	9,557	61	-----	98.6	9,877
Subtotal other agricultural products	3,924	2,469	-----	1,271	184	-----	40.5	9,687
6811 meat, fresh, frozen	39	39	-----	0	-----	-----	10.3	375
6817 meat, prepared	9	9	-----	-----	-----	-----	12.7	72
6822 dairy products	52	52	-----	-----	-----	-----	44.5	116
6835 fish, prepared	54	16	-----	35	3	-----	41.2	132
6838 tallow, animal oils	21	5	-----	15	-----	-----	99.1	21
6839 animals & prod. nec	69	56	-----	13	-----	-----	9.3	744
6856 bananas & plantains	0	0	-----	-----	-----	-----	0.9	10
6857 fruit & nuts nec	4	2	-----	2	-----	-----	1.8	204
6858 fruit juices	105	105	-----	0	-----	-----	32.8	320
6861 sugar	1,602	1,121	-----	482	-----	-----	80.5	1,991
6865 molasses	558	96	-----	400	62	-----	78.6	710
6871 coffee	2	1	-----	1	-----	-----	15.9	13
6885 alcoholic beverages	236	203	-----	33	-----	-----	36.3	649
6887 groceries	311	295	-----	16	0	-----	39.1	795
6888 water & ice	168	9	-----	40	119	-----	7.7	2,172
6889 food products nec	657	441	-----	215	0	-----	52.1	1,261
6891 tobacco & products	11	11	-----	-----	-----	-----	44.7	24
6899 farm products nec	27	7	-----	19	-----	-----	65.3	41
Total all manufactured equipment, machinery and products	5,378	3,645	0	1,718	10	4	36.9	14,578
7110 machinery (not elec)	369	94	0	270	5	0	5.9	6,250
7120 electrical machinery	93	78	-----	14	0	0	37.5	248

Table 2-3: DOMESTIC BARGE TRAFFIC BY TYPE OF TRAFFIC AND COMMODITY
 Freight Traffic, 1995 - continued
 (thousand tons)

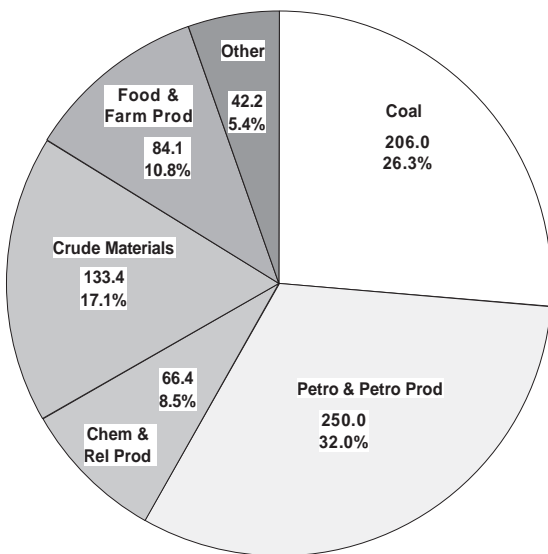
Commodity	Barge-Traffic						Domestic	
	Total	Coastwise	Lakewise	Internal	Intraport	Intra-Territory	%-Barge	Traffic
7210 vehicles & parts	732	705	-----	24	0	3	66.4	1,103
7220 aircraft & parts	0	0	-----	0	-----	-----	27.2	1
7230 ships & boats	17	11	-----	6	0	-----	44.3	39
7300 ordnance & access.	17	0	-----	15	2	-----	79.0	22
7400 manufac. wood prod.	106	84	-----	22	0	0	56.6	188
7500 textile products	101	28	-----	73	0	-----	39.0	258
7600 rubber & plastic pr.	153	36	-----	117	0	-----	61.6	248
7800 empty containers	64	-----	-----	64	-----	-----	100.0	64
7900 manufac. prod. nec	3,725	2,609	-----	1,112	4	0	60.5	6,157
Total waste and scrap nec	5,344	68	0	1,047	4,229	-----	99.9	5,352
8900 waste and scrap nec	5,344	68	0	1,047	4,229	-----	99.9	5,352
Total unknown or not elsewhere classified	3	2	-----	-----	-----	0	2.3	110
9900 unknown or nec	3	2	-----	-----	-----	0	2.3	110

Figure 2-1
 DOMESTIC COMMERCE, 1994
 COMPARED BY MAJOR COMMODITY GROUPS
 BARGE AND SELF-PROPELLED TRAFFIC
 (million tons and percentage of tons)

Domestic Traffic



Barge Traffic



Self-Propelled Traffic

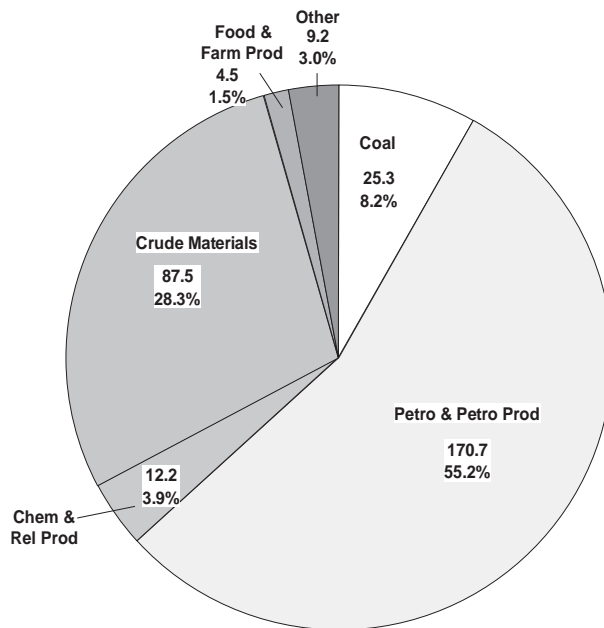
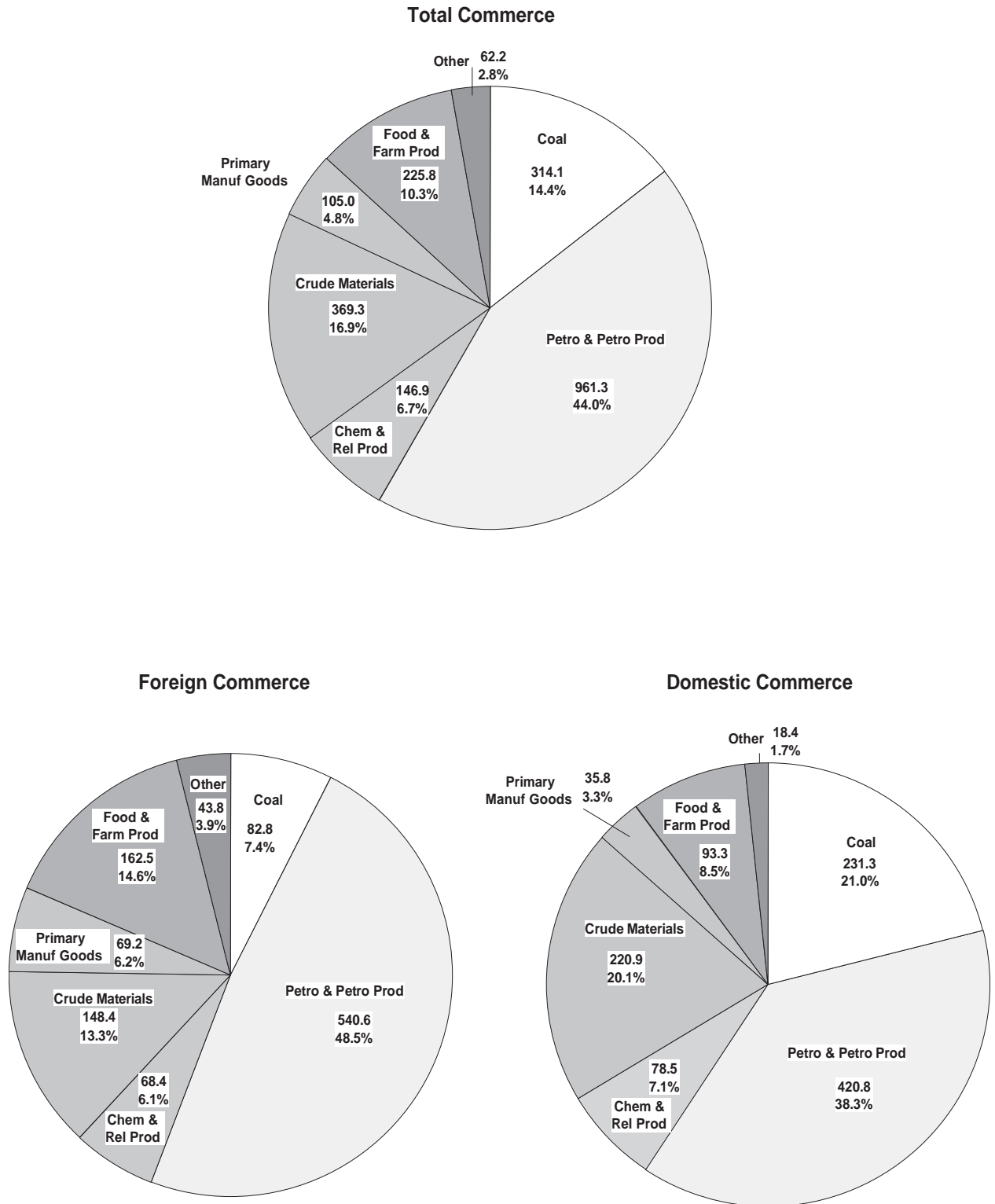


Table 2-4: PRINCIPAL COMMODITIES IN WATERBORNE COMMERCE, 1994-1995
(million tons)

	1994	1995	%Change
Total Commerce	2,214.8	2,240.4	1.2
Coal	314.1	324.5	3.3
Petro & Petro Prod	961.3	907.1	-5.6
Chem & Rel Prod	146.9	152.9	4.0
Crude Materials	369.3	381.7	3.4
Primary Manuf Goods	105.0	106.3	1.2
Food and Farm Prod	225.8	303.2	34.3
All Manuf Equip	54.9	57.8	5.2
Other	7.3	6.9	-4.6
Foreign Commerce	1,115.7	1,147.4	2.8
Coal	82.8	100.9	21.8
Petro & Petro Prod	540.6	503.5	-6.9
Chem & Rel Prod	68.4	73.5	7.5
Crude Materials	148.4	155.4	4.7
Primary Manuf Goods	69.2	69.5	0.3
Food and Farm Prod	162.5	199.9	23.0
All Manuf Equip	42.3	43.2	2.1
Other	1.4	1.5	4.3
Domestic Commerce	1,099.0	1,093.0	-0.5
Coal	231.3	233.5	1.0
Petro & Petro Prod	420.8	403.6	-4.1
Chem & Rel Prod	78.5	79.4	1.1
Crude Materials	220.9	226.4	2.5
Primary Manuf Goods	35.8	36.8	2.9
Food and Farm Prod	93.3	103.4	10.8
All Manuf Equip	12.6	14.6	15.9
Other	5.9	5.5	-6.8

Figure 2-2
 PRINCIPAL COMMODITY GROUPS CARRIED BY WATER, 1994
 (million tons and percentage of tons)



Section 3

Waterways

Figure 3-1
 MISSISSIPPI RIVER SYSTEM, 1976-1995
 BY TYPE OF TRAFFIC
 (million tons)

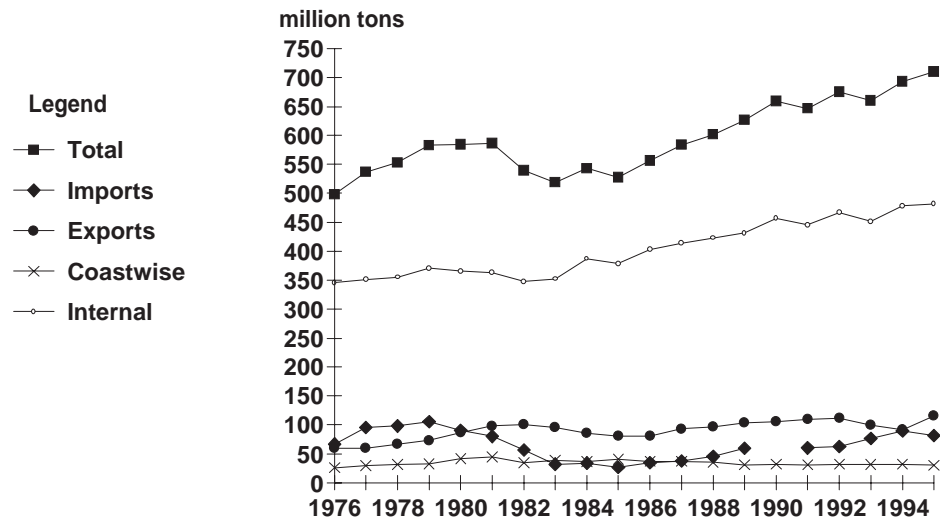


Table 3-1: MISSISSIPPI RIVER SYSTEM, 1976-1995
 BY TYPE OF TRAFFIC*
 (million tons)

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Total	498.4	536.8	552.9	582.9	584.2	586.0	539.6	519.1	543.2	527.8
Imports	67.0	96.0	98.6	105.9	90.8	80.1	56.7	32.3	34.1	27.0
Exports	59.9	59.6	67.3	73.3	86.3	98.3	100.8	95.8	85.9	81.0
Coastwise	26.0	29.6	31.7	33.1	41.6	44.7	34.7	39.1	36.7	40.9
Internal	345.5	351.5	355.4	370.8	365.6	362.9	347.5	352.0	386.6	378.9
	1986	1987	1988	1989	1990+	1991+	1992+	1993	1994+	1995
Total	556.4	583.4	601.6	626.4	659.1	646.6	675.0	660.4	693.3	710.1
Imports	35.1	38.1	45.3	59.9	63.1	60.1	63.0	76.9	89.8	81.5
Exports	81.1	93.7	97.5	104.0	106.0	109.9	112.3	100.0	92.4	115.8
Coastwise	37.4	37.4	35.8	31.1	32.6	31.3	32.4	31.8	32.4	30.6
Internal	402.8	414.2	423.0	431.5	457.5	445.1	467.3	451.7	478.7	482.2

*Imports include Upbound Thru Traffic. Exports include Downbound Thru Traffic.
 +Prior years tonnages have been changed to reflect the latest available information.

Figure 3-2
 MISSISSIPPI RIVER SYSTEM, 1976-1995
 ALL TRAFFIC BY COMMODITY GROUP
 (million tons)

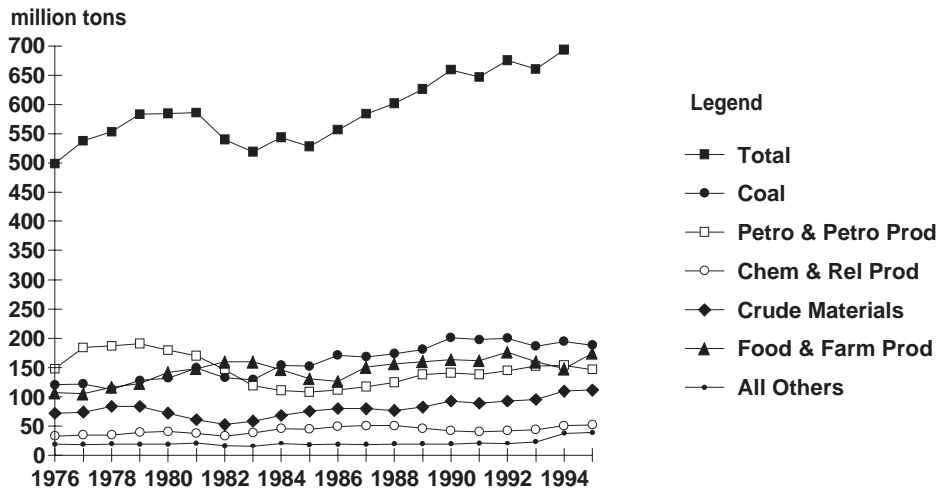


Table 3-2: MISSISSIPPI RIVER SYSTEM, 1976-1995
 ALL TRAFFIC BY COMMODITY GROUP
 (million tons)

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Total	498.4	537.8	552.9	582.9	584.2	586.0	539.6	519.1	543.5	527.8
Coal	120.6	122.2	112.4	127.9	131.8	149.6	133.1	129.0	153.0	152.0
Petro & Petro Prod	147.8	184.1	186.8	191.0	179.6	169.8	146.4	118.7	110.5	107.6
Chem & Rel Prod	33.0	34.5	34.4	39.1	40.3	37.3	32.7	37.8	45.7	44.4
Crude Materials	71.6	73.9	83.6	83.4	72.0	61.0	52.4	58.3	68.2	75.6
Primary Manuf Goods	14.6	16.0	16.9	17.4	15.8	17.2	13.4	14.2	18.6	16.5
Food & Farm Prod	106.8	105.1	116.5	122.5	141.6	147.9	159.4	159.8	146.5	130.6
All Manuf Equip	1.7	1.1	1.1	1.1	1.1	1.2	0.8	0.7	0.6	0.7
Other	2.2	0.9	1.2	0.5	2.0	2.1	1.5	0.7	0.4	0.4

	1986	1987	1988	1989	1990+	1991+	1992+	1993	1994	1995
Total	556.4	583.4	601.6	626.4	659.1	646.6	675.0	660.4	693.3	710.1
Coal	171.1	167.9	173.8	180.3	200.8	197.5	199.7	186.1	194.2	188.1
Petro & Petro Prod	112.1	116.9	124.4	138.2	140.9	137.9	144.6	153.0	153.6	146.2
Chem & Rel Prod	48.6	50.6	50.8	45.8	41.8	40.0	42.0	43.5	50.3	51.4
Crude Materials	80.0	79.5	76.6	82.6	92.8	89.0	92.9	95.4	109.7	111.0
Primary Manuf Goods	17.5	17.1	18.3	18.1	18.3	19.4	18.9	21.6	36.5	37.3
Food & Farm Prod	125.8	150.4	156.4	160.1	163.4	161.9	175.7	159.6	147.7	174.5
All Manuf Equip	0.8	0.6	0.8	1.1	1.0	0.8	0.9	1.1	1.1	1.2
Other	0.3	0.4	0.4	0.4	0.1	0.1	0.2	0.2	0.2	0.3

+Prior years tonnages have been changed to reflect the latest available information.

Figure 3-3
MISSISSIPPI RIVER SYSTEM, 1976-1995
INTERNAL TRAFFIC BY COMMODITY GROUP
(million tons)

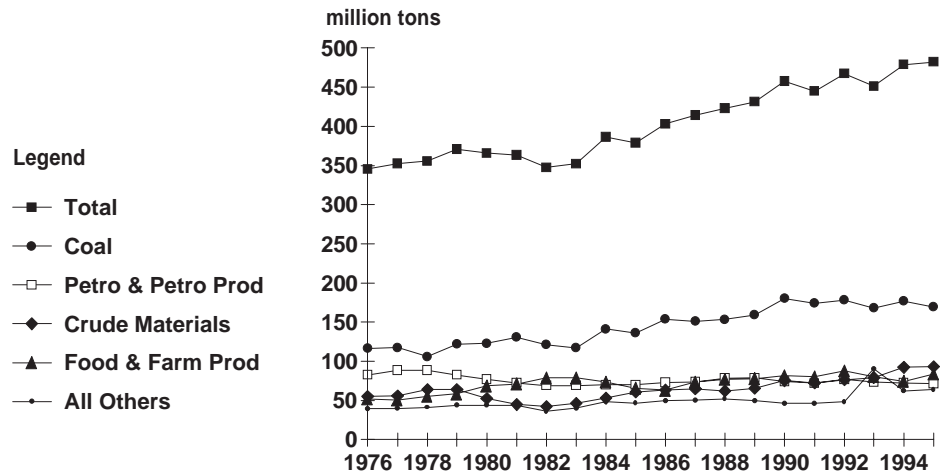


Table 3-3: MISSISSIPPI RIVER SYSTEM, 1976-1995
INTERNAL TRAFFIC BY COMMODITY GROUP
(million tons)

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Total	345.5	352.5	355.4	370.8	365.6	362.9	347.5	352.0	386.6	378.9
Coal	116.4	117.6	106.0	121.4	123.0	130.6	121.2	117.0	141.3	135.8
Petro & Petro Prod	82.5	88.4	88.4	82.8	77.3	72.3	69.1	69.1	70.0	70.1
Chem & Rel Prod	25.6	27.2	27.6	30.5	30.3	28.6	24.4	28.5	34.3	33.4
Crude Materials	55.1	56.1	64.2	64.2	52.6	44.9	42.3	46.7	52.9	60.7
Primary Manuf Goods	10.5	11.3	11.8	12.7	11.3	12.6	9.8	10.8	13.7	12.4
Food & Farm Prod	52.1	50.4	55.6	58.3	68.6	71.2	78.9	78.9	73.7	65.9
All Manuf Equip	0.9	0.6	0.5	0.5	0.5	0.6	0.4	0.3	0.4	0.3
Other	2.2	0.8	1.2	0.4	2.0	2.1	1.4	0.6	0.3	0.3

	1986	1987	1988	1989	1990	1991+	1992+	1993	1994	1995
Total	402.8	414.2	423.0	431.5	457.5	445.1	467.3	451.7	478.7	482.2
Coal	153.6	151.1	153.3	159.4	180.1	174.3	178.4	167.8	176.7	169.4
Petro & Petro Prod	72.7	73.8	78.2	79.0	74.1	72.0	76.7	73.7	72.6	71.7
Chem & Rel Prod	35.7	36.7	37.7	34.6	31.1	30.7	33.2	34.4	38.7	39.0
Crude Materials	63.7	65.0	62.3	65.7	75.2	72.5	76.1	79.1	92.4	93.2
Primary Manuf Goods	13.0	13.1	13.6	13.9	14.3	14.8	14.5	15.5	22.9	23.8
Food & Farm Prod	63.2	73.9	77.1	77.9	82.0	80.3	87.7	80.4	74.5	84.1
All Manuf Equip	0.5	0.3	0.5	0.7	0.6	0.5	0.5	0.7	0.7	0.8
Other	0.3	0.3	0.3	0.3	0.1	0.1	0.2	0.1	0.2	0.2

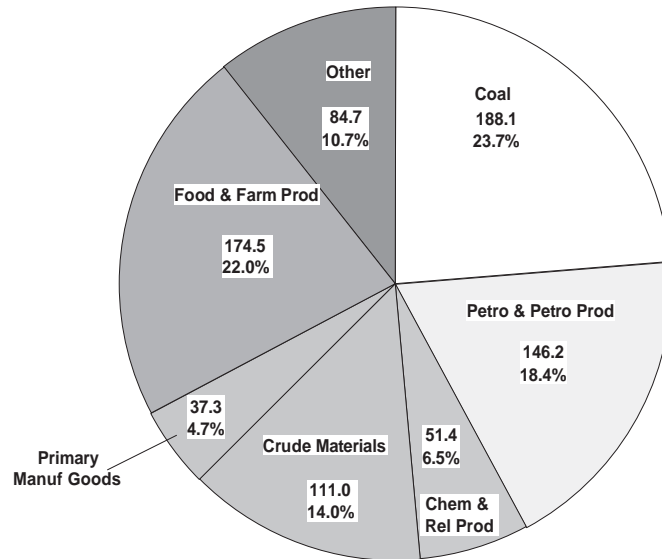
+Prior years tonnages have been changed to reflect the latest available information.

Table 3-4: PRINCIPAL COMMODITIES IN WATERBORNE COMMERCE, 1994-1995
FOR THE MISSISSIPPI RIVER SYSTEM
(million tons)

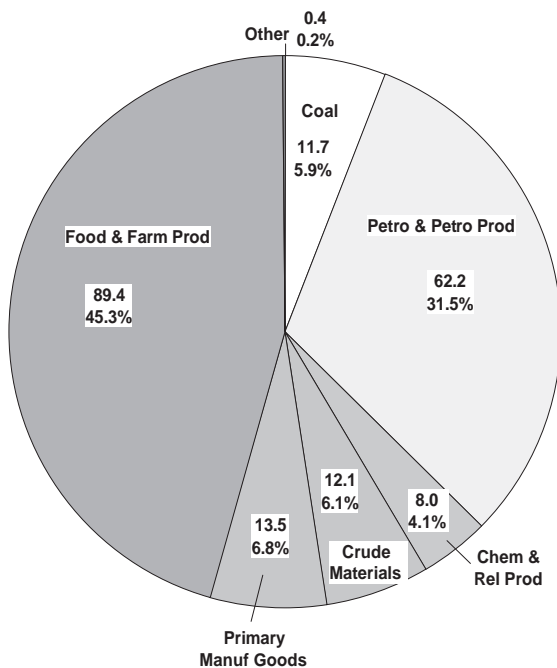
	1994	1995	%Change
Foreign Commerce	182.2	197.3	8.2
Coal	10.7	11.7	8.6
Petro & Petro Prod	66.5	62.2	-6.5
Chem & Rel Prod	7.2	8.0	11.9
Crude Materials	11.7	12.1	3.0
Primary Manuf Goods	13.5	13.5	-0.5
Food & Farm Prod	72.2	89.4	23.9
Other	0.4	0.4	-6.0
Coastwise Traffic	32.4	30.6	-5.6
Coal	6.8	7.1	4.3
Petro & Petro Prod	14.5	12.4	-14.7
Chem & Rel Prod	4.5	4.4	-2.3
Crude Materials	5.6	5.7	3.1
Primary Manuf Goods	0.0	0.0	-43.6
Food & Farm Prod	1.0	1.0	-5.4
Other	0.0	0.0	-78.2
Internal Traffic	478.7	482.2	0.7
Coal	176.7	169.4	-4.1
Petro & Petro Prod	72.6	71.7	-1.3
Chem & Rel Prod	38.7	39.0	0.9
Crude Materials	92.4	93.2	0.8
Primary Manuf Goods	22.9	23.8	3.9
Food & Farm Prod	74.5	84.1	12.9
Other	0.9	1.1	24.9

Figure 3-4
 PRINCIPAL COMMODITY GROUPS CARRIED BY WATER, 1995
 FOR THE MISSISSIPPI RIVER SYSTEM
 (million tons and percentage of tons)

Total Commerce



Foreign Commerce



Domestic Commerce

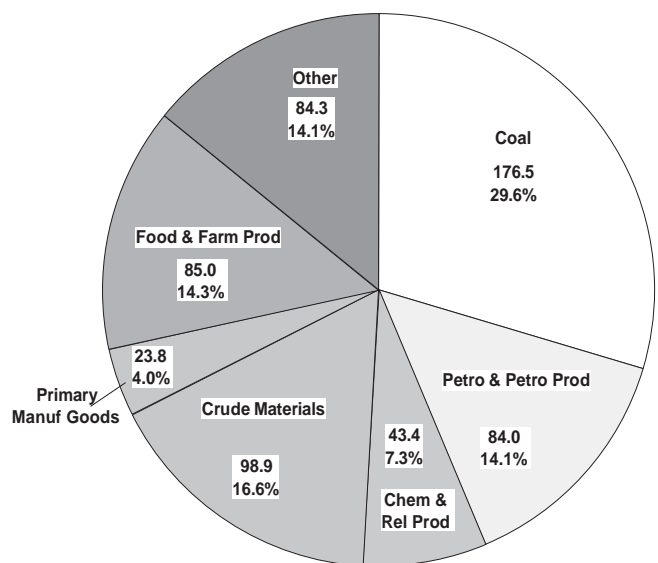


Figure 3-5
 MISSISSIPPI RIVER MAIN STEM, 1976-1995
 BY TYPE OF TRAFFIC
 (million tons)

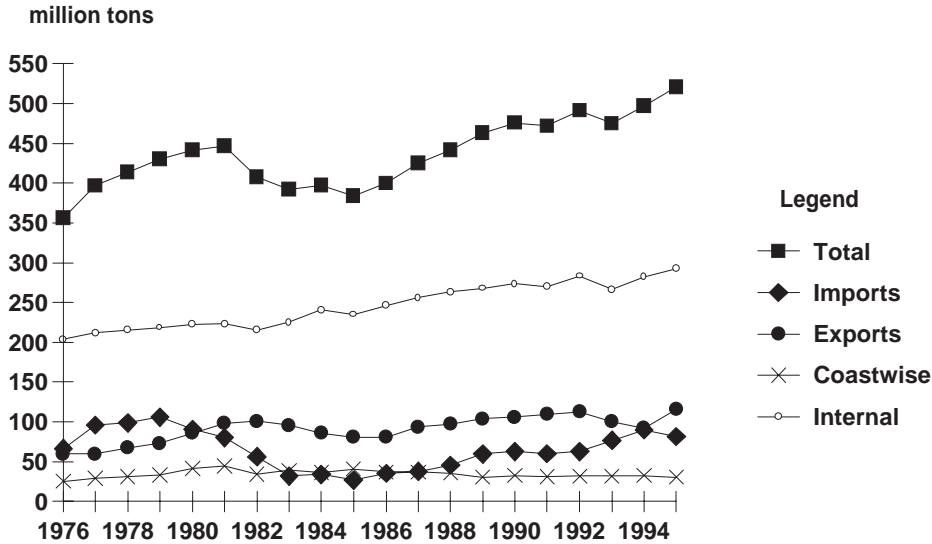


Table 3-5: MISSISSIPPI RIVER MAIN STEM, 1976-1995
 BY TYPE OF TRAFFIC*
 (million tons)

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Total	356.2	396.8	413.1	430.2	441.5	446.4	407.6	392.1	397.1	384.0
Imports	67.0	96.0	98.6	105.9	90.8	80.1	56.7	32.3	34.1	27.0
Exports	59.9	59.6	67.3	73.3	86.3	98.3	100.8	95.8	85.9	81.0
Coastwise	26.0	29.6	31.7	33.1	41.6	44.7	34.7	39.1	36.7	40.9
Internal	203.3	211.5	215.5	218.0	222.9	223.3	215.4	225.0	240.4	235.0

	1986	1987	1988	1989	1990+	1991+	1992+	1993	1994+	1995
Total	399.9	425.0	441.5	462.7	475.3	471.7	491.0	475.1	496.8	520.3
Imports	35.1	38.1	45.3	59.9	63.1	60.1	63.0	76.9	89.8	81.5
Exports	81.1	93.7	97.5	104.0	106.0	109.9	112.3	100.0	92.4	115.8
Coastwise	37.4	37.4	35.8	31.1	32.6	31.3	32.4	31.8	32.4	30.6
Internal	246.3	255.8	262.9	267.8	273.6	270.3	283.3	266.5	282.2	292.4

*Imports include Upbound Thru Traffic. Exports include Downbound Thru Traffic.
 +Prior years tonnages have been changed to reflect the latest available information.

Figure 3-6
MISSISSIPPI RIVER MAIN STEM, 1976-1995
BY COMMODITY GROUP
(million tons)

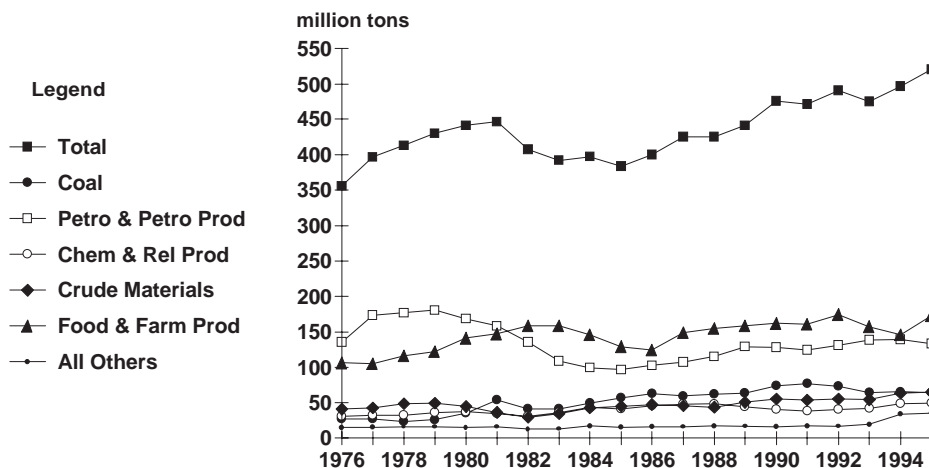


Table 3-6: MISSISSIPPI RIVER MAIN STEM 1976-1995
BY COMMODITY GROUP
(million tons)

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Total	356.2	396.8	413.1	430.2	441.5	446.4	407.6	392.1	397.3	384.0
Coal	27.6	27.6	23.0	26.1	35.2	53.9	41.1	41.2	49.7	56.8
Petro & Petro Prod	135.8	173.5	176.9	180.5	168.3	158.2	135.4	108.8	99.2	96.7
Chem & Rel Prod	30.8	32.6	32.5	36.1	37.3	34.8	30.9	36.0	43.0	41.1
Crude Materials	40.9	42.8	48.6	49.3	44.7	36.4	29.2	34.2	42.7	44.9
Primary Manuf Goods	12.9	14.1	14.7	14.8	13.5	14.4	11.5	12.1	16.3	14.3
Food & Farm Prod	106.5	104.8	116.1	122.2	141.2	147.3	158.6	158.8	145.6	129.1
All Manuf Equip	1.5	1.0	1.0	1.0	1.0	1.1	0.7	0.6	0.6	0.7
Other	0.3	0.3	0.2	0.3	0.3	0.3	0.3	0.4	0.4	0.4

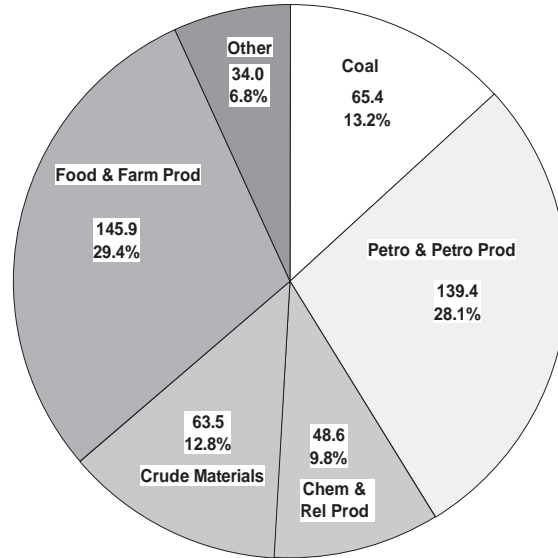
	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
Total	399.9	425.0	441.5	462.7	475.6	471.6	490.7	475.1	496.8	520.3
Coal	62.9	59.3	62.3	63.7	73.7	77.2	73.1	64.1	65.4	64.6
Petro & Petro Prod	102.6	107.3	115.3	128.8	127.9	124.4	130.9	138.4	139.4	133.0
Chem & Rel Prod	46.2	47.9	48.3	44.0	40.3	38.4	40.4	41.6	48.6	49.7
Crude Materials	47.4	45.7	43.7	50.4	55.2	53.6	55.0	54.3	63.5	65.0
Primary Manuf Goods	15.3	14.8	15.8	15.4	15.3	16.4	15.8	18.3	32.9	34.0
Food & Farm Prod	124.4	149.0	155.1	158.8	162.1	160.6	174.4	157.4	145.9	172.8
All Manuf Equip	0.8	0.6	0.8	1.1	1.0	0.8	0.8	1.0	0.9	1.0
Other	0.3	0.4	0.4	0.4	0.1	0.1	0.2	0.2	0.2	0.3

Table 3-7: PRINCIPAL COMMODITIES IN WATERBORNE COMMERCE, 1994-1995
 FOR THE MISSISSIPPI RIVER MAIN STEM
 (million tons)

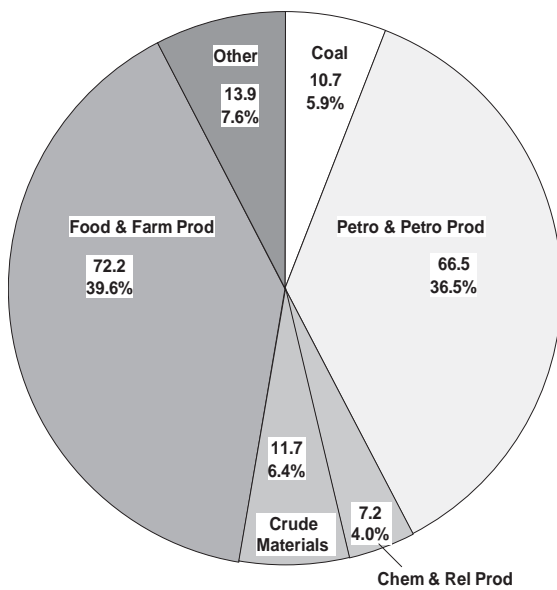
	1994	1995	%Change
Total Commerce	496.8	520.3	4.7
Coal	65.4	64.6	-1.2
Petro & Petro Prod	139.4	133.0	-4.6
Chem & Rel Prod	48.6	49.7	2.3
Crude Materials	63.5	65.0	2.3
Primary Manuf Goods	32.9	34.0	3.3
Food & Farm Prod	145.9	172.8	18.4
Other	1.1	1.2	11.7
Foreign Commerce	182.2	197.3	8.2
Coal	10.7	11.7	8.6
Petro & Petro Prod	66.5	62.2	-6.5
Chem & Rel Prod	7.2	8.0	11.9
Crude Materials	11.7	12.1	3.0
Primary Manuf Goods	13.5	13.5	-0.5
Food & Farm Prod	72.2	89.4	23.9
Other	0.4	0.4	6.0
Domestic Commerce	314.6	323.0	2.7
Coal	54.6	52.9	-3.1
Petro & Petro Prod	72.9	70.8	-2.9
Chem & Rel Prod	41.4	41.7	0.7
Crude Materials	51.8	52.9	2.2
Primary Manuf Goods	19.4	20.5	5.9
Food & Farm Prod	73.7	83.3	13.1
Other	0.8	0.9	14.4

Figure 3-7
PRINCIPAL COMMODITY GROUPS CARRIED BY WATER, 1994
FOR THE MISSISSIPPI RIVER MAIN STEM
 (million tons and percentage of tons)

Total Commerce



Foreign Commerce



Domestic Commerce

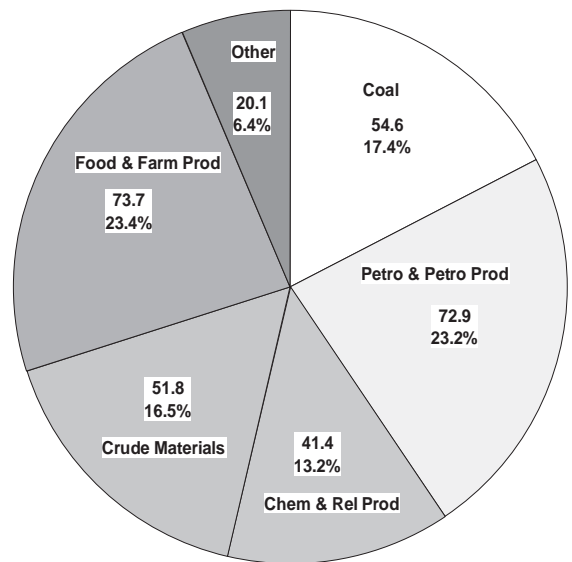


Figure 3-8
OHIO RIVER SYSTEM, 1976-1995
BY COMMODITY GROUP
(million tons)

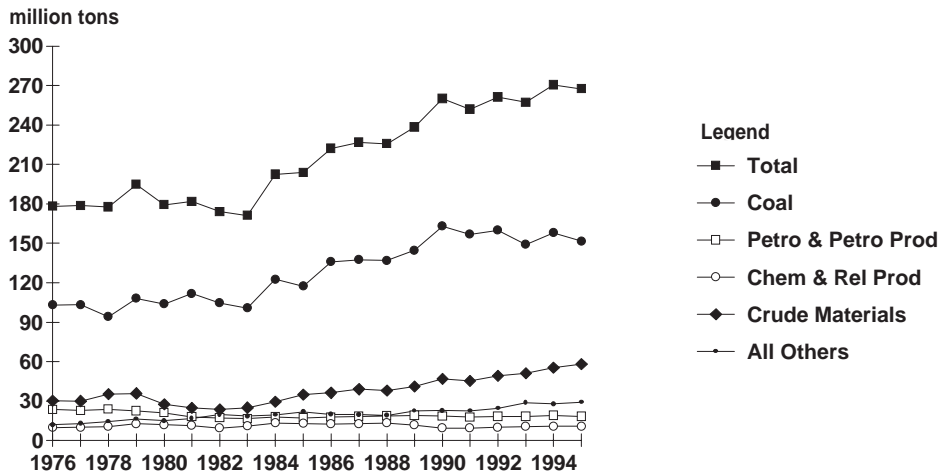


Table 3-8: OHIO RIVER SYSTEM, 1976-1995
BY COMMODITY GROUP
(million tons)

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Total	178.1	178.6	177.6	194.8	179.3	181.9	174.0	171.2	202.2	203.9
Coal	103.0	103.3	94.0	108.0	103.8	111.6	104.6	100.7	122.5	117.3
Petro & Petro Prod	23.6	22.7	23.6	22.4	21.1	17.9	17.1	16.5	17.9	17.1
Chem & Rel Prod	9.6	9.9	10.5	12.5	11.9	11.1	9.3	10.9	13.2	12.9
Crude Materials	30.1	30.0	35.3	35.7	27.5	24.7	23.4	24.8	29.4	34.9
Primary Manuf Goods	4.9	5.3	5.9	6.8	5.4	6.1	4.7	5.3	6.6	6.2
Food & Farm Prod	6.6	7.2	8.1	9.3	9.4	10.3	14.8	13.0	12.5	15.4
Other	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1

	1986	1987	1988	1989	1990	1991+	1992+	1993+	1994	1995
Total	222.2	226.7	225.9	238.4	260.0	251.9	261.4	257.3	270.5	267.6
Coal	135.9	137.3	136.7	144.6	163.0	156.8	159.8	149.0	157.9	151.7
Petro & Petro Prod	17.6	18.2	18.6	18.8	18.3	17.8	18.0	18.1	18.9	18.2
Chem & Rel Prod	12.4	12.6	13.3	11.7	9.1	9.4	10.0	10.4	10.6	10.7
Crude Materials	36.4	39.0	38.1	41.0	47.0	45.3	49.1	51.1	55.3	57.9
Primary Manuf Goods	6.1	6.1	6.5	7.0	7.2	7.4	7.5	8.6	11.2	11.6
Food & Farm Prod	13.8	13.5	12.5	15.2	15.3	15.0	16.9	20.0	16.6	17.4
Other	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

+Prior years tonnages have been changed to reflect the latest available information.

Figure 3-9
 PRINCIPAL COMMODITY GROUPS CARRIED BY WATER, 1995
 FOR THE OHIO RIVER SYSTEM
 (million tons and percentage of tons)

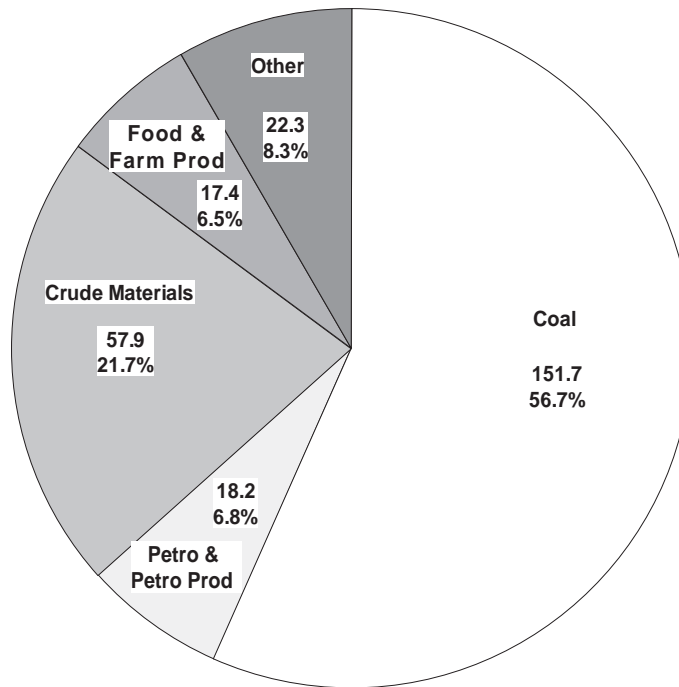


Table 3-9: PRINCIPAL COMMODITIES IN WATERBORNE COMMERCE, 1995-1996
 FOR THE OHIO RIVER SYSTEM
 (million tons)

	1994	1995	%Change
Total Commerce	270.5	267.6	-1.1
Coal	157.9	151.7	-3.9
Petroleum & Petroleum Products	18.9	18.2	-3.5
Chemicals & Related Products	10.6	10.7	1.0
Crude Materials	55.3	57.9	4.7
Primary Manufactured Goods	11.2	11.6	4.0
Food & Farm Products	16.6	17.4	5.0
Other	0.1	0.1	-32.9

Figure 3-10
GREAT LAKES, 1976-1995
BY TYPE OF TRAFFIC
(million tons)

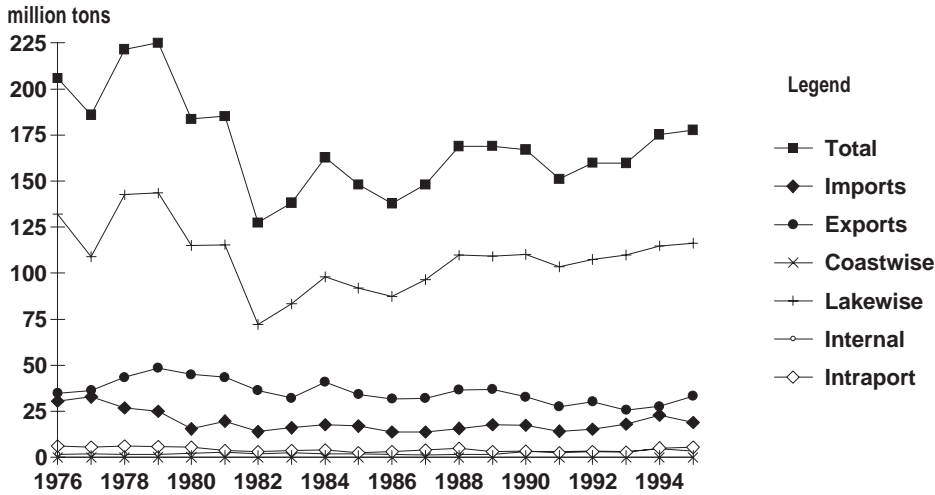


Table 3-10: GREAT LAKES, 1976-1995
BY TYPE OF TRAFFIC*
(million tons)

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Total	205.8	185.9	221.4	225.0	183.5	185.1	127.4	138.2	162.8	148.1
Imports	30.6	32.8	27.1	25.1	15.5	19.7	14.1	16.1	17.8	17.1
Exports	35.0	36.3	43.6	48.7	45.1	43.5	36.3	32.3	40.9	34.2
Coastwise	0.1	0.1	0.1	0.1	0.1	0.0	-	-	0.0	0.0
Lakewise	132.1	109.1	142.7	143.6	115.1	115.4	72.1	83.5	98.0	92.0
Internal	1.7	1.8	1.7	1.6	2.3	2.8	1.9	2.5	1.8	2.2
Intraport	6.3	5.8	6.3	5.9	5.4	3.7	3.0	3.8	4.2	2.7

	1986	1987	1988	1989	1990	1991+	1992+	1993	1994	1995
Total	137.9	148.1	168.8	168.9	167.1	151.1	159.9	159.6	175.3	177.8
Imports	13.8	13.9	15.9	17.8	17.6	14.2	15.4	18.1	23.1	18.9
Exports	32.0	32.1	36.6	37.1	32.9	27.5	30.4	25.8	27.8	33.5
Coastwise	-	0.0	-	0.0	0.0	-	0.0	0.0	0.0	-
Lakewise	87.4	96.5	109.7	109.1	110.2	103.4	107.4	109.9	114.8	116.2
Internal	1.7	1.4	1.6	1.7	3.1	3.2	3.4	3.1	4.6	3.6
Intraport	3.0	4.3	5.0	3.3	3.4	2.7	3.3	2.8	5.0	5.5

* Exports include Great Lakes Thru Foreign Traffic.

+Prior years tonnages have been changed to reflect the latest available information.

Figure 3-11
GREAT LAKES, 1976-1995
BY COMMODITY GROUP
(million tons)

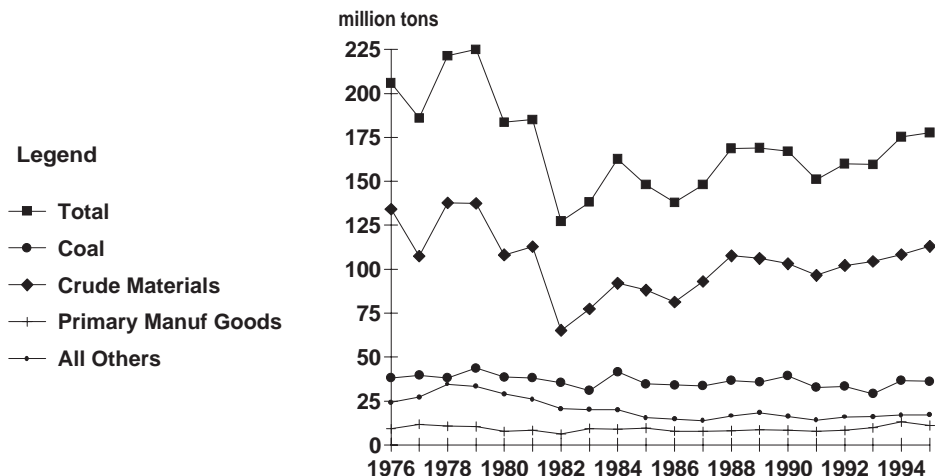


Table 3-11: GREAT LAKES, 1976-1995
BY COMMODITY GROUP
(million tons)

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Total	205.8	185.9	221.4	225.0	183.5	185.1	127.4	138.2	162.8	148.1
Coal	38.3	39.5	38.3	43.7	38.7	38.1	35.4	31.0	41.6	34.8
Petro & Petro Prod	10.5	11.6	12.0	11.7	8.9	7.5	5.9	5.3	5.5	5.1
Chem & Rel Prod	1.0	1.1	1.7	2.3	2.4	2.9	2.6	2.2	2.6	2.7
Crude Materials	134.2	107.5	137.8	137.4	108.1	112.8	65.3	77.5	92.2	88.2
Primary Manuf Goods	9.2	11.8	10.7	10.4	7.6	8.3	6.1	9.5	9.1	9.5
Food & Farm Prod	12.2	13.8	20.4	18.8	17.4	15.2	11.8	9.8	11.6	7.6
All Manuf Equip	0.5	0.6	0.5	0.6	0.4	0.4	0.3	2.8	0.2	0.2
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0

	1986	1987	1988	1989	1990	1991+	1992	1993	1994	1995
Total	137.9	148.1	168.8	168.9	167.1	151.1	159.9	159.6	175.3	177.8
Coal	34.1	33.6	36.7	35.7	39.4	32.8	33.4	29.2	36.7	36.3
Petro & Petro Prod	5.3	4.9	6.5	6.3	6.4	5.5	5.8	5.2	5.9	5.5
Chem & Rel Prod	2.4	2.3	2.4	2.5	2.7	2.2	1.9	1.7	1.6	1.6
Crude Materials	81.3	93.1	107.5	106.2	103.1	96.5	102.2	104.5	108.4	113.1
Primary Manuf Goods	7.8	7.6	8.1	8.7	8.4	7.6	8.3	9.7	13.1	11.1
Food & Farm Prod	6.8	6.4	7.1	8.6	6.2	5.2	6.9	7.6	8.6	10.0
All Manuf Equip	0.2	0.2	0.4	0.8	1.0	1.1	1.3	1.4	0.8	0.2
Other	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0

+Prior years tonnages have been changed to reflect the latest available information.

Table 3-12: PRINCIPAL COMMODITIES IN WATERBORNE COMMERCE, 1994-1995
FOR THE GREAT LAKES
(million tons)

	1994	1995	%Change
Total Commerce	175.3	177.8	1.4
Coal	36.7	36.3	-1.2
Petro & Petro Prod	5.9	5.5	-6.3
Chem & Rel Prod	1.6	1.6	-2.0
Crude Materials	108.4	113.1	4.3
Primary Manuf Goods	13.1	11.1	-15.1
Food and Farm Prod	8.6	10.0	15.5
Other	0.9	0.2	-79.1
Foreign Commerce	50.8	52.4	3.1
Coal	10.4	11.3	8.5
Petro & Petro Prod	1.4	1.6	8.3
Chem & Rel Prod	1.1	1.0	-4.8
Crude Materials	21.1	22.9	8.3
Primary Manuf Goods	8.1	6.2	-23.0
Food and Farm Prod	7.9	9.3	17.8
Other	0.8	0.1	-83.0
Domestic Commerce	124.5	125.3	0.7
Coal	26.3	25.0	-5.0
Petro & Petro Prod	4.4	3.9	-11.1
Chem & Rel Prod	0.5	0.5	-6.8
Crude Materials	87.3	90.2	3.4
Primary Manuf Goods	5.0	4.9	-2.4
Food and Farm Prod	0.8	0.7	-9.0
Other	0.1	0.1	-55.4

Figure 3-12
 PRINCIPAL COMMODITY GROUPS CARRIED BY WATER, 1995
 FOR THE GREAT LAKES
 (million tons and percentage of tons)

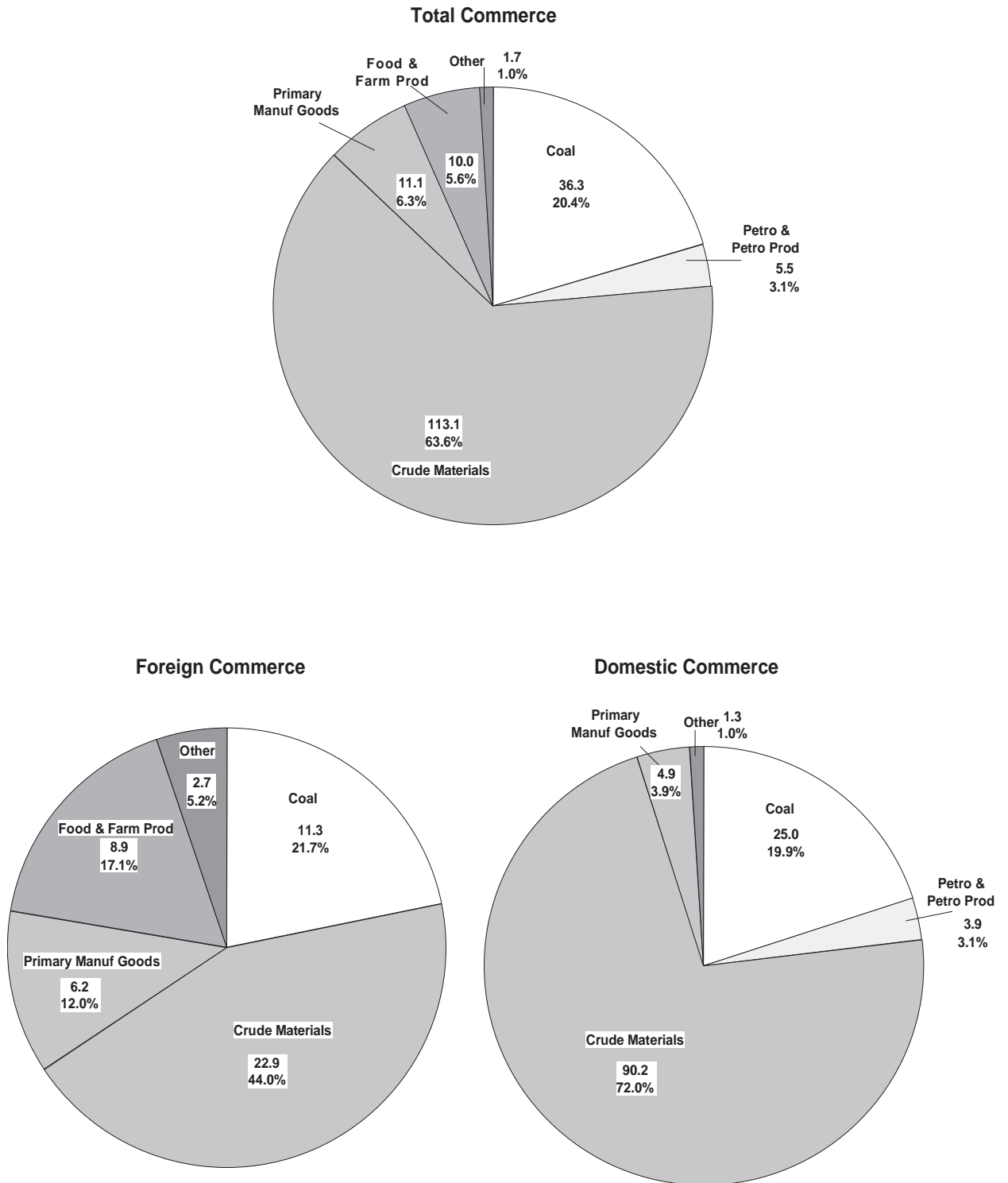


Figure 3-13
 GULF INTRACOASTAL WATERWAY, 1976-1995
 BY TYPE OF TRAFFIC
 (million tons)

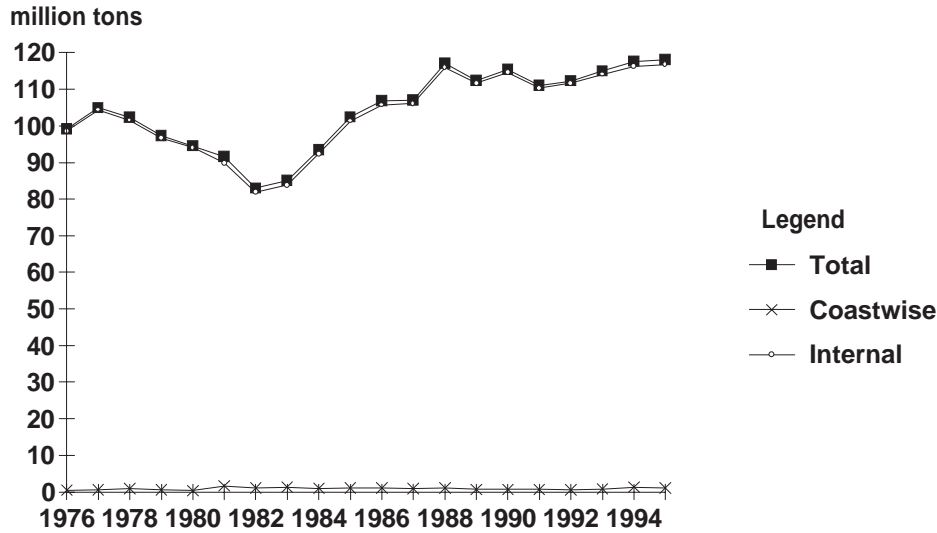


Table 3-13: GULF INTRACOASTAL WATERWAY, 1976-1995
 BY TYPE OF TRAFFIC
 (million tons)

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Total	99.1	104.9	102.3	97.3	94.5	91.6	83.0	85.1	93.4	102.5
Imports	-	-	-	-	-	-	-	-	-	0.0
Exports	-	-	-	-	-	-	-	-	0.0	0.0
Coastwise	0.5	0.6	0.9	0.6	0.4	1.7	1.1	1.3	1.0	1.1
Internal	98.6	104.3	101.4	96.7	94.1	89.9	81.9	83.8	92.4	101.3

	1986	1987	1988	1989	1990+	1991+	1992+	1993	1994	1995
Total	107.0	107.0	117.7	112.7	115.4	111.0	112.3	114.9	117.6	118.0
Imports	0.0	0.0	0.4	0.3	-	-	-	-	-	-
Exports	0.1	0.0	0.2	0.1	-	-	-	-	-	-
Coastwise	1.2	0.9	1.2	0.8	0.7	0.7	0.7	0.9	1.3	1.2
Internal	105.7	106.1	115.9	111.6	114.6	110.3	111.6	114.1	116.3	116.8

+Prior years tonnages have been changed to reflect the latest available information.

Figure 3-14
 GULF INTRACOASTAL WATERWAY, 1976-1995
 BY COMMODITY GROUP
 (million tons)

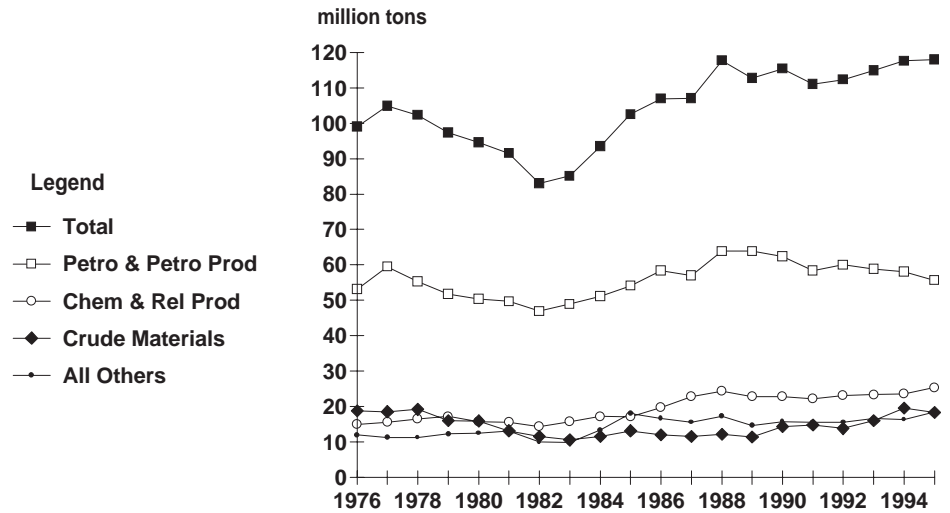


Table 3-14: GULF INTRACOASTAL WATERWAY, 1976-1995
 BY COMMODITY GROUP
 (million tons)

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Total	99.1	104.9	102.3	97.3	94.5	91.6	83.0	85.1	93.4	102.5
Coal	4.8	4.2	4.0	5.0	5.1	4.6	4.0	3.9	6.8	7.2
Petrol & Petrol Prod	53.2	59.6	55.3	51.8	50.4	49.7	46.9	49.0	51.2	54.2
Chem & Rel Prod	15.0	15.5	16.5	17.2	15.7	15.6	14.5	15.8	17.3	17.1
Crude Materials	18.9	18.5	19.2	16.0	15.9	13.2	11.5	10.6	11.6	13.1
Primary Manuf Goods	2.7	2.8	3.0	3.1	3.4	4.3	2.6	2.6	3.2	4.5
Food & Farm Prod	3.0	2.7	2.6	2.6	2.3	2.3	1.9	1.7	1.9	3.2
All Manuf Equip	1.0	0.9	0.9	0.6	0.6	0.7	0.4	0.4	0.4	1.6
Other	0.6	0.7	0.8	1.0	1.1	1.2	1.3	1.2	1.2	1.5

	1986	1987	1988	1989	1990+	1991	1992+	1993	1994	1995
Total	107.0	107.0	117.7	112.7	115.4	111.0	112.3	114.9	117.6	118.0
Coal	8.8	8.0	8.0	7.5	9.2	8.4	8.4	8.4	8.3	8.0
Petrol & Petrol Prod	58.4	57.0	63.8	63.8	62.4	58.4	60.0	58.9	58.1	55.7
Chem & Rel Prod	19.8	22.9	24.4	22.8	22.9	22.2	23.2	23.4	23.6	25.3
Crude Materials	12.1	11.5	12.2	11.4	14.4	14.8	13.9	16.0	19.6	18.3
Primary Manuf Goods	3.3	3.2	3.9	2.7	3.0	3.6	2.9	3.2	3.4	3.9
Food & Farm Prod	3.0	2.7	3.3	2.9	2.2	2.2	2.1	2.6	2.4	1.8
All Manuf Equip	0.7	0.7	1.0	0.5	0.4	0.3	0.5	0.8	0.8	4.1
Other	1.0	1.1	1.2	1.2	0.8	1.1	1.3	1.6	1.4	0.8

+Prior years tonnages have been changed to reflect the latest available information.

Figure 3-15
PRINCIPAL COMMODITY GROUPS CARRIED BY WATER, 1995
FOR THE GULF INTRACOASTAL WATERWAY
 (million tons and percentage of tons)

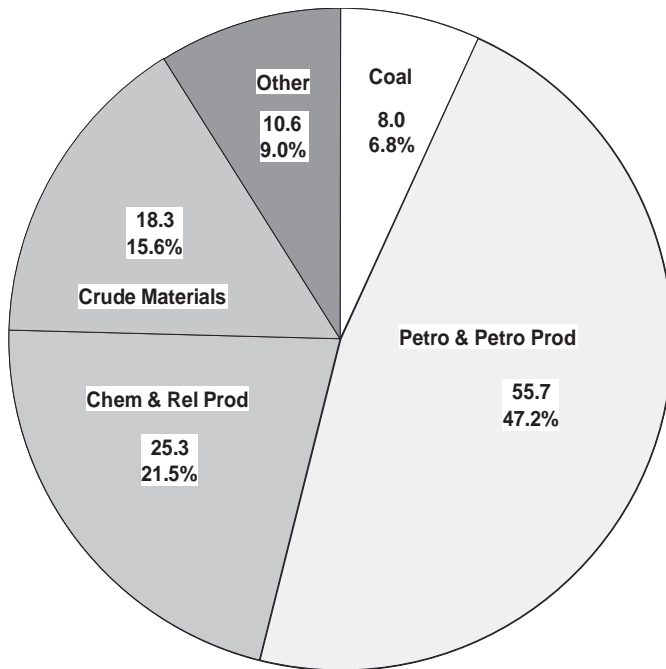


Table 3-15: PRINCIPAL COMMODITIES IN WATERBORNE COMMERCE, 1994-1995
FOR THE GULF INTRACOASTAL WATERWAY
 (million tons)

	1994	1995	% Change
Total Commerce	117.6	118.0	0.3
Coal	8.3	8.0	-4.0
Petroleum & Petroleum Products	58.1	55.7	-4.1
Chemicals & Related Products	23.6	25.3	7.3
Crude Materials	19.6	18.3	-6.5
Primary Manufactured Goods	3.4	3.9	15.9
Food & Farm Products	2.4	1.8	-26.8
All Manuf Equip	0.8	4.1	407.9
Other	1.4	0.8	-40.1

Figure 3-16
COLUMBIA RIVER, 1976-1995
BY TYPE OF TRAFFIC
(million tons)

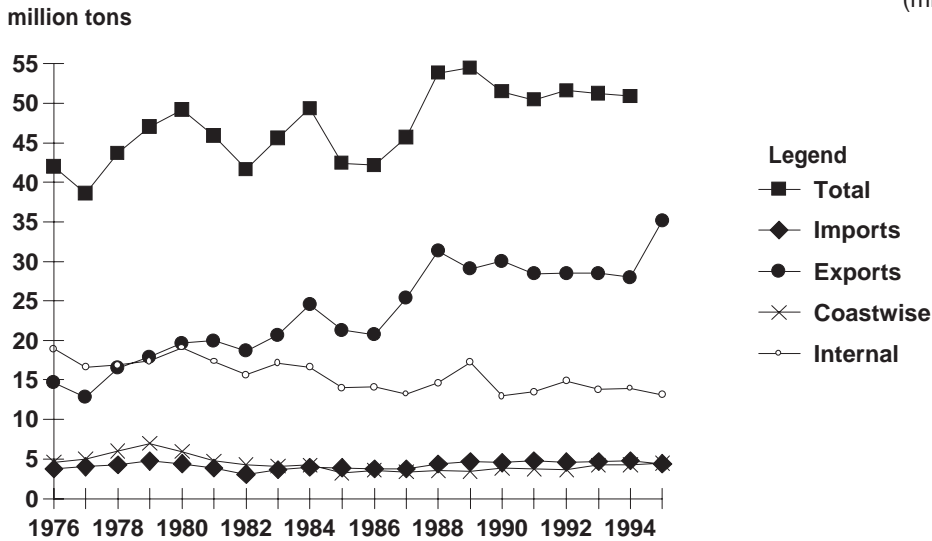


Table 3-16: COLUMBIA RIVER, 1976-1995
BY TYPE OF TRAFFIC*
(million tons)

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Total	42.0	38.5	43.7	47.1	49.2	45.9	41.7	45.6	49.4	42.4
Imports	3.8	4.0	4.3	4.8	4.5	3.8	3.1	3.7	4.0	3.9
Exports	14.6	12.8	16.5	17.9	19.7	20.0	18.6	20.7	24.5	21.3
Coastwise	4.6	5.0	6.0	7.0	6.0	4.8	4.3	4.1	4.3	3.2
Internal	19.0	16.6	16.9	17.4	19.1	17.4	15.7	17.1	16.6	14.0
	1986	1987	1988	1989	1990	1991+	1992+	1993+	1994+	1995
Total	42.2	45.7	53.8	54.5	51.4	50.4	51.6	51.2	50.9	57.1
Imports	3.8	3.8	4.3	4.7	4.5	4.8	4.6	4.7	4.8	4.4
Exports	20.7	25.3	31.3	29.1	30.0	28.4	28.5	28.5	28.0	35.1
Coastwise	3.6	3.4	3.5	3.5	3.9	3.8	3.6	4.2	4.3	4.5
Internal	14.1	13.2	14.6	17.2	13.0	13.5	14.9	13.8	13.9	13.1

*Imports include Upbound Thru Traffic. Exports include Downbound Thru Traffic.
+Prior years tonnages have been changed to reflect the latest available information.

Figure 3-17
COLUMBIA RIVER, 1976-1995
BY COMMODITY GROUP
(million tons)

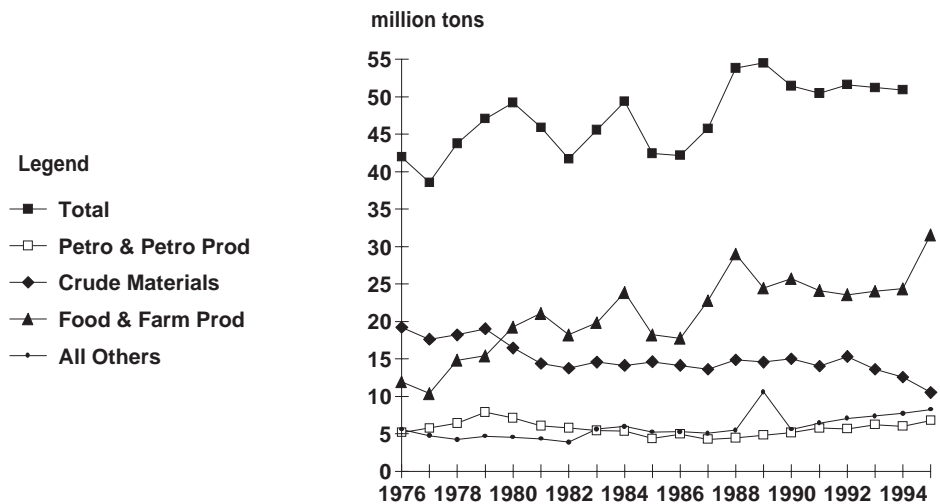


Table 3-17: COLUMBIA RIVER, 1976-1995
BY COMMODITY GROUP
(million tons)

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Total	42.0	38.5	43.7	47.1	49.2	45.9	41.7	45.6	49.4	42.4
Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.2
Petro & Petro Prod	5.2	5.8	6.4	7.9	7.1	6.1	5.8	5.5	5.4	4.4
Chem & Rel Prod	2.3	2.1	1.5	1.5	1.6	1.4	0.9	1.4	1.7	1.9
Crude Materials	19.2	17.6	18.2	19.0	16.5	14.4	13.8	14.6	14.1	14.6
Primary Manuf Goods	2.0	2.2	2.2	2.3	2.1	2.1	1.7	2.1	2.3	2.3
Food & Farm Prod	12.0	10.4	14.9	15.4	19.3	21.1	18.2	19.9	23.9	18.2
All Manuf Equip	0.3	0.4	0.5	0.5	0.5	0.5	0.4	0.5	0.6	0.6
Other	1.1	0.0	0.0	0.4	0.3	0.3	0.8	1.5	1.1	0.2

	1986	1987	1988	1989	1990	1991	1992+	1993	1994	1995
Total	42.2	45.7	53.8	54.5	51.4	50.4	51.6	51.2	50.9	57.1
Coal	0.4	0.5	0.5	0.5	0.0	0.3	0.0	0.0	0.0	0.0
Petro & Petro Prod	5.0	4.3	4.4	4.8	5.1	5.8	5.7	6.2	6.0	6.8
Chem & Rel Prod	1.9	2.1	2.0	2.3	2.7	3.1	3.7	4.0	4.1	4.4
Crude Materials	14.1	13.6	14.9	14.6	15.0	14.1	15.3	13.6	12.6	10.5
Primary Manuf Goods	2.2	1.9	2.1	2.1	2.3	2.3	2.5	2.5	2.8	2.9
Food & Farm Prod	17.8	22.8	29.0	24.4	25.7	24.2	23.6	24.0	24.4	31.6
All Manuf Equip	0.7	0.4	0.8	0.7	0.6	0.7	0.7	0.7	0.8	0.8
Other	0.0	0.1	0.0	5.0	0.0	0.0	0.2	0.2	0.2	0.2

+Prior years tonnages have been changed to reflect the latest available information.

Table 3-18: PRINCIPAL COMMODITIES IN WATERBORNE COMMERCE, 1994-1995
FOR THE COLUMBIA RIVER
(million tons)

	1994	1995	%Change
Total Commerce	50.9	57.1	12.2
Coal	0.0	0.0	-63.0
Petro & Petro Prod	6.0	6.8	12.4
Chem & Rel Prod	4.1	4.4	7.0
Crude Materials	12.6	10.5	-16.3
Primary Manuf Goods	2.8	2.9	3.7
Food & Farm Prod	24.4	31.6	29.5
All Manuf Equip	0.8	0.8	-6.1
Other	0.2	0.2	-4.9
Foreign Commerce	32.7	39.5	20.8
Coal	0.0	0.0	-63.0
Petro & Petro Prod	1.0	1.1	8.9
Chem & Rel Prod	3.1	3.5	14.6
Crude Materials	7.4	6.6	-10.2
Primary Manuf Goods	2.0	2.1	3.0
Food & Farm Prod	18.5	25.5	38.0
All Manuf Equip	0.8	0.7	-7.9
Other	0.0	0.0	-25.6
Domestic Commerce	18.2	17.6	-3.2
Coal	0.0	0.0	0.0
Petro & Petro Prod	5.1	5.7	13.1
Chem & Rel Prod	1.1	0.9	-14.8
Crude Materials	5.2	3.9	-25.1
Primary Manuf Goods	0.7	0.8	5.7
Food & Farm Prod	5.9	6.1	2.8
All Manuf Equip	0.1	0.1	17.3
Other	0.2	0.2	-3.8

Figure 3-18
PRINCIPAL COMMODITY GROUPS CARRIED BY WATER, 1995
FOR THE COLUMBIA RIVER
 (million tons and percentage of tons)

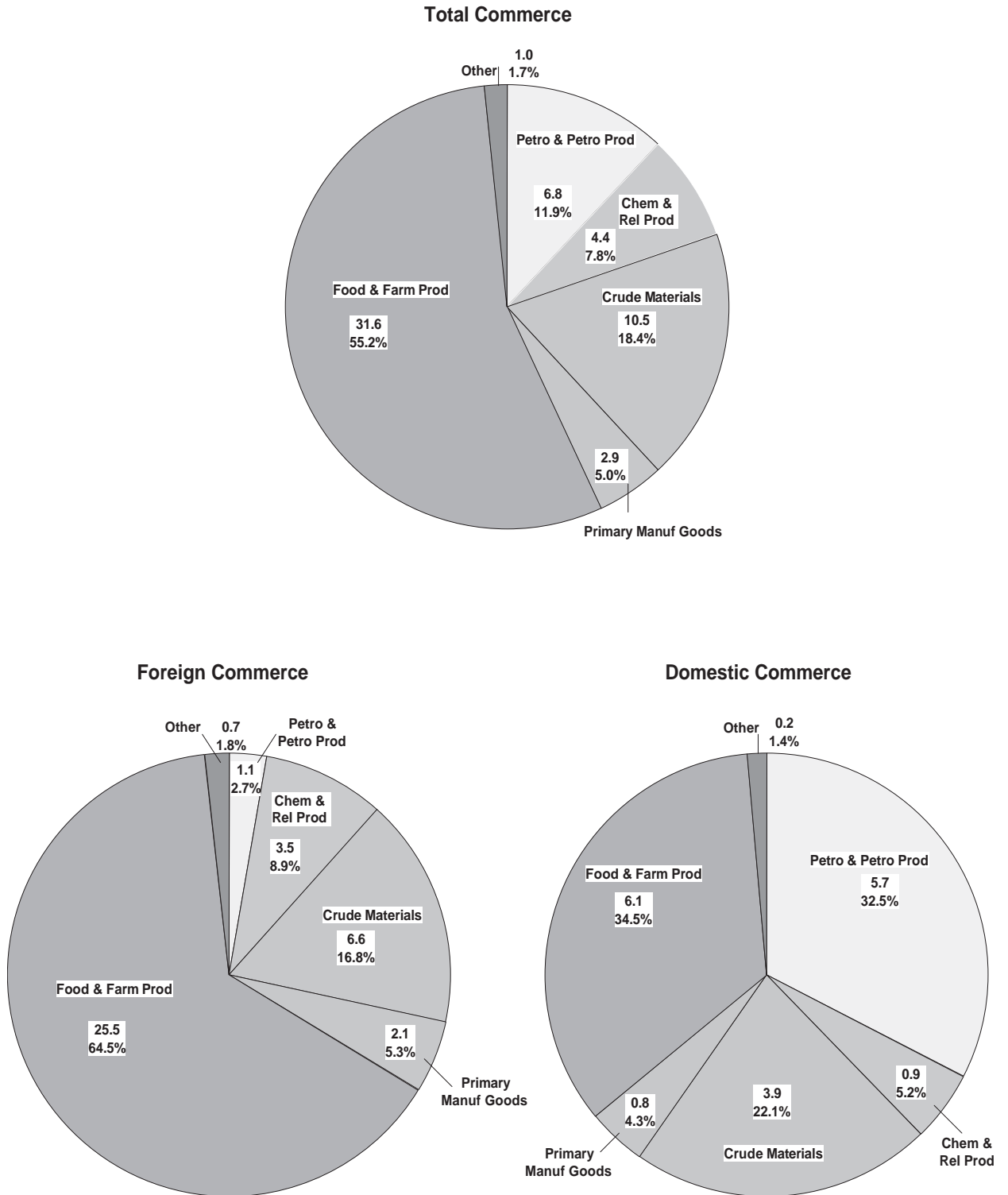


Figure 3-19
SNAKE RIVER, 1976-1995
BY COMMODITY GROUP
(thousand tons)

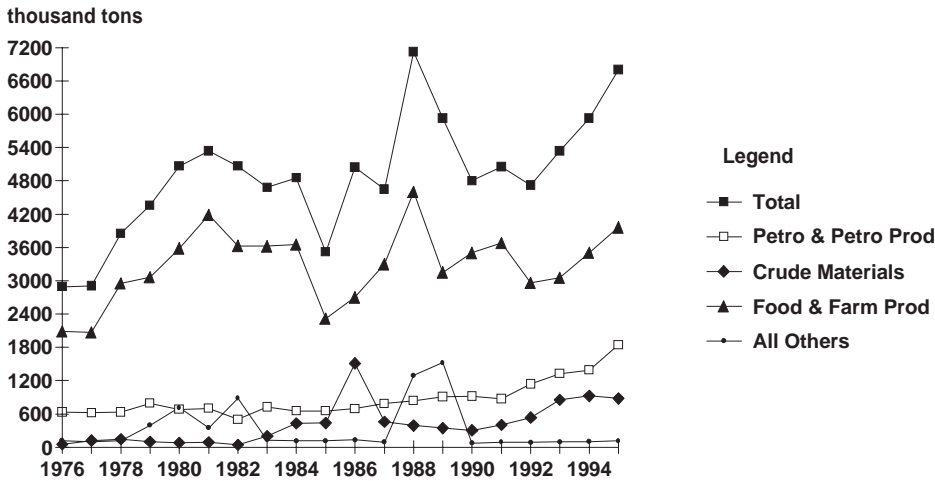


Table 3-19: SNAKE RIVER, 1976-1995
BY COMMODITY GROUP
(thousand tons)

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Total	2,894.6	2,911.2	3,852.3	4,356.7	5,063.6	5,053.2	5,065.3	4,679.1	4,852.0	3,518.8
Petro & Petro Prod	634.2	623.2	631.0	791.5	687.2	702.7	501.8	724.8	654.0	652.7
Chem & Rel Prod	89.1	59.6	56.9	45.1	56.8	41.4	51.0	25.7	26.3	27.2
Crude Materials	54.2	118.9	144.5	100.3	81.1	94.1	47.1	202.7	429.8	434.5
Primary Manuf Goods	27.7	39.0	59.2	76.6	37.7	34.0	35.5	85.2	71.7	74.4
Food & Farm Prod	2,086.6	2,068.8	2,957.9	3,065.8	3,583.6	4,187.4	3,629.9	3,625.3	3,653.5	2,316.8
All Manuf Equip	2.8	1.5	1.2	1.8	5.8	6.2	8.0	15.5	16.7	13.2
Waste & Scrap	-	0.4	-	264.5	611.4	269.4	792.0	-	-	-
Other	-	-	1.7	11.2	-	-	-	-	-	-

	1986	1987	1988	1989	1990	1991	1992+	1993	1994	1995
Total	5,042.6	4,644.9	7,125.1	5,930.3	4,804.0	5,053.2	4,719.3	5,339.1	5,929.1	6,803.9
Petro & Petro Prod	694.8	789.5	839.1	908.4	920.0	875.1	1,140.4	1,328.9	1,391.3	1,847.6
Chem & Rel Prod	45.2	36.2	22.9	33.1	14.8	41.3	35.4	50.9	43.4	41.3
Crude Materials	1,512.8	461.3	390.3	347.2	304.8	404.1	533.6	858.6	925.9	878.9
Primary Manuf Goods	45.9	45.6	52.2	45.3	53.8	45.0	43.2	40.0	46.0	64.5
Food & Farm Prod	2,704.4	3,301.3	4,601.1	3,148.8	3,503.2	3,682.4	2,961.4	3,055.8	3,510.7	3,963.6
All Manuf Equip	38.5	10.0	57.2	9.9	7.3	5.3	5.3	4.9	11.8	8.0
Waste & Scrap	0.9	1.0	1,162.2	1,437.5	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-

+Prior years tonnages have been changed to reflect the latest available information.

Figure 3-20
 PRINCIPAL COMMODITY GROUPS CARRIED BY WATER, 1995
 FOR THE SNAKE RIVER
 (thousand tons and percentage of tons)

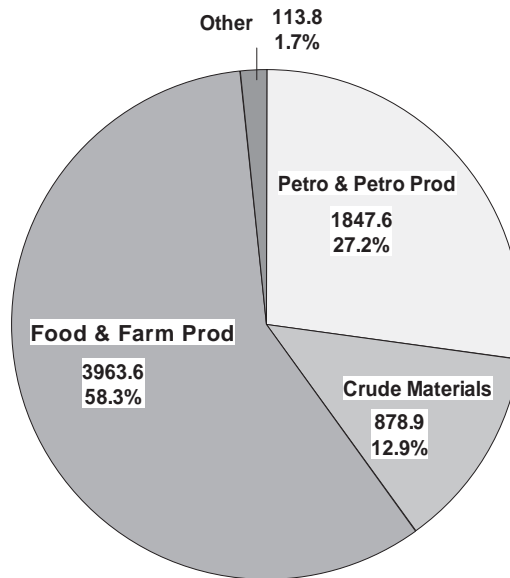


Table 3-20: PRINCIPAL COMMODITIES IN WATERBORNE COMMERCE, 1994-1995
 FOR THE SNAKE RIVER
 (thousand tons)

	1994	1995	% Change
Total Commerce	5,929.1	6,803.9	14.8
Petroleum & Petroleum Products	1,391.3	1,847.6	32.8
Chemicals & Related Products	43.4	41.3	-4.9
Crude Materials	925.9	878.9	-5.1
Primary Manufactured Goods	46.0	64.5	40.4
Food & Farm Products	3,510.7	3,963.6	12.9
All Manufactured Equipment	11.8	8.0	-32.7
Waste & Scrap	-	-	-

Section 4

States

Table 4-1: WATERBORNE TONNAGE BY STATES, 1995
(thousand tons)

State	Total*	Shipping		Receiving		Intrastate
		Domestic	Foreign	Domestic	Foreign	
Total	2,240,393	772,257	474,700	772,257	672,657	320,779
Alabama	71,692	9,126	14,178	17,568	11,712	19,108
Alaska	99,126	82,634	8,230	3,167	608	4,487
Arkansas	13,228	5,941	-	4,493	-	2,794
California	179,383	5,678	47,458	51,096	45,852	29,299
Connecticut	16,405	1,400	204	11,256	2,704	840
Delaware	29,303	14,784	479	1,126	10,780	2,134
District of Columbia	860	1	-	859	-	-
Florida	117,600	13,672	22,800	55,264	22,432	3,433
Georgia	19,746	773	8,148	3,193	7,435	198
Guam	279	22	-	257	-	-
Hawaii	20,068	1,055	998	5,838	6,039	6,139
Idaho	1,611	1,179	-	43	0	389
Illinois	114,704	80,986	1,040	19,618	2,206	10,853
Indiana	80,521	22,090	707	51,388	3,028	3,308
Iowa	16,092	11,824	-	3,563	-	704
Kansas	144	64	-	80	-	-
Kentucky	79,077	41,760	-	22,938	-	14,379
Louisiana	507,404	97,756	122,382	140,466	107,760	39,039
Maine	14,858	111	463	3,026	11,059	199
Maryland	49,143	5,242	17,258	8,512	14,359	3,772
Massachusetts	22,191	798	779	10,610	8,147	1,858
Michigan	78,067	26,872	6,680	24,388	4,511	15,617
Minnesota	50,519	37,261	3,191	6,753	1,176	2,138
Mississippi	42,320	13,211	3,456	8,543	16,000	1,111
Missouri	27,590	12,760	-	7,378	-	7,452
Nebraska	387	206	-	165	-	17
New Hampshire	3,914	18	330	795	2,770	-
New Jersey	97,919	26,320	7,959	27,091	31,662	4,887
New York	81,899	17,690	3,198	21,927	26,218	12,868
North Carolina	13,050	416	3,203	3,346	3,450	2,635
Ohio	123,671	27,483	14,957	58,560	5,406	17,265
Oklahoma	3,181	1,750	-	1,362	-	69
Oregon	39,337	3,849	19,088	7,849	2,869	5,681
Other	58,829	8,371	-	6,792	43,666	-
Pacific Islands	25	6	-	19	-	-
Pennsylvania	121,791	18,425	1,058	40,758	44,817	16,734
Puerto Rico	30,708	2,698	1,474	9,162	13,060	4,314
Rhode Island	7,119	193	520	4,658	1,682	65
South Carolina	16,033	209	6,118	3,654	5,994	57
Tennessee	43,472	7,396	-	32,794	-	3,283
Texas	350,102	48,395	52,536	26,726	172,882	49,563
Trans-Ship**	7,175	2,782	-	4,394	-	-
Vermont	-	-	-	-	-	-
Virgin Islands	39,522	17,914	1,456	3,875	15,882	396
Virginia	81,193	11,470	48,832	4,556	9,757	6,578
Washington	121,699	11,596	49,227	30,818	15,328	14,730
West Virginia	79,050	52,422	-	14,700	-	11,929
Wisconsin	40,642	25,648	6,293	6,836	1,408	457

*Excludes duplication.

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

Table 4-2: WATERBORNE COMMERCE TONNAGE BY STATES, 1995, RANKED BY TOTAL TONS
(thousand tons)

State	Total*	Shipping		Receiving		IntraState
		Domestic	Foreign	Domestic	Foreign	
Totals	2,240,393	772,257	474,700	772,257	672,657	320,779
Louisiana	507,404	97,756	122,382	140,466	107,760	39,039
Texas	350,102	48,395	52,536	26,726	172,882	49,563
California	179,383	5,678	47,458	51,096	45,852	29,299
Ohio	123,671	27,483	14,957	58,560	5,406	17,265
Pennsylvania	121,791	18,425	1,058	40,758	44,817	16,734
Washington	121,699	11,596	49,227	30,818	15,328	14,730
Florida	117,600	13,672	22,800	55,264	22,432	3,433
Illinois	114,704	80,986	1,040	19,618	2,206	10,853
Alaska	99,126	82,634	8,230	3,167	608	4,487
New Jersey	97,919	26,320	7,959	27,091	31,662	4,887
New York	81,899	17,690	3,198	21,927	26,218	12,868
Virginia	81,193	11,470	48,832	4,556	9,757	6,578
Indiana	80,521	22,090	707	51,388	3,028	3,308
Kentucky	79,077	41,760	-	22,938	-	14,379
West Virginia	79,050	52,422	-	14,700	-	11,929
Michigan	78,067	26,872	6,680	24,388	4,511	15,617
Alabama	71,692	9,126	14,178	17,568	11,712	19,108
Other	58,829	8,371	-	6,792	43,666	-
Minnesota	50,519	37,261	3,191	6,753	1,176	2,138
Maryland	49,143	5,242	17,258	8,512	14,359	3,772
Tennessee	43,472	7,396	-	32,794	-	3,283
Mississippi	42,320	13,211	3,456	8,543	16,000	1,111
Wisconsin	40,642	25,648	6,293	6,836	1,408	457
Virgin Islands	39,522	17,914	1,456	3,875	15,882	396
Oregon	39,337	3,849	19,088	7,849	2,869	5,681
Puerto Rico	30,708	2,698	1,474	9,162	13,060	4,314
Delaware	29,303	14,784	479	1,126	10,780	2,134
Missouri	27,590	12,760	-	7,378	-	7,452
Massachusetts	22,191	798	779	10,610	8,147	1,858
Hawaii	20,068	1,055	998	5,838	6,039	6,139
Georgia	19,746	773	8,148	3,193	7,435	198
Connecticut	16,405	1,400	204	11,256	2,704	840
Iowa	16,092	11,824	-	3,563	-	704
South Carolina	16,033	209	6,118	3,654	5,994	57
Maine	14,858	111	463	3,026	11,059	199
Arkansas	13,228	5,941	-	4,493	-	2,794
North Carolina	13,050	416	3,203	3,346	3,450	2,635
Trans-Ship**t	7,175	2,782	-	4,394	-	-
Rhode Island	7,119	193	520	4,658	1,682	65
New Hampshire	3,914	18	330	795	2,770	-
Oklahoma	3,181	1,750	-	1,362	-	69
Idaho	1,611	1,179	-	43	-	389
District of Columbia	860	1	-	859	-	-
Nebraska	387	206	-	165	-	17
Guam	279	22	-	257	-	-
Kansas	144	64	-	80	-	-
Pacific Islands	25	6	-	19	-	-
Vermont	-	-	-	-	-	-

*Excludes duplication

Table 4-3: U.S. COMMERCIAL LANDINGS OF FISH, BY STATES, 1994 AND 1995*
(thousand pounds)

State	1994	1995	% Change	Year	Record Landing
Total	10,461,388	9,904,199	-5.3	-	-
Alabama	23,488	28,741	22.4	1973	36,744
Alaska	5,388,923	5,410,090	0.4	1993	5,905,638
California	343,429	432,520	25.9	1936	1,760,193
Connecticut	19,797	21,914	10.7	1930	88,012
Delaware	6,988	10,108	44.6	1953	367,500
Florida	176,551	133,483	-24.4	1938	241,443
Georgia	14,506	20,341	40.2	1927	47,607
Hawaii	27,090	29,892	10.3	1993	34,582
Illinois	405	235	-42.0	-	**
Indiana	1,411	1,025	-27.4	-	**
Louisiana	1,704,387	1,110,220	-34.9	1984	1,931,027
Maine	231,035	231,804	0.3	1950	356,266
Maryland	67,512	68,030	0.8	1890	141,607
Massachusetts	183,307	204,255	11.4	1948	649,696
Michigan	13,641	14,331	5.1	1930	35,580
Minnesota	480	497	3.5	-	**
Mississippi	220,828	145,468	-34.1	1984	476,997
New Hampshire	12,099	12,763	5.5	-	**
New Jersey	201,598	177,177	-12.1	1956	540,060
New York	44,721	53,210	19.0	1880	335,000
North Carolina	196,853	184,664	-6.2	1981	432,006
Ohio	4,348	4,722	8.6	1936	31,083
Oregon	245,560	238,764	-2.8	1992	256,912
Pennsylvania	371	506	36.4	-	**
Rhode Island	111,808	121,929	9.1	1957	142,080
South Carolina	17,571	24,162	37.5	1965	26,611
Texas	85,209	94,674	11.1	1960	237,684
Virginia	580,930	777,602	33.9	1990	786,794
Washington	527,804	343,038	-35.0	1994	527,804
Wisconsin	8,738	8,034	-8.1	-	**

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

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

**Data not available.

Section 5

Ports

Table 5-1: SELECTED U.S. PORTS BY PORT NAME, 1995
(tons)

Rank	Port Name	Total	Foreign	Imports	Exports	Domestic
74	Albany, NY	5,802,920	1,454,205	870,288	583,916	4,348,716
101	Alpena, MI	2,766,717	162,210	31,833	130,377	2,604,507
46	Anacortes, WA	13,109,828	1,989,647	538,040	1,451,607	11,120,181
96	Anchorage, AK	3,221,587	952,041	251,338	700,703	2,269,546
56	Ashtabula, OH	10,010,229	3,837,722	1,074,963	2,762,759	6,172,507
147	Astoria, OR	985,471	824,495	101,747	722,748	160,976
19	Baltimore, MD	44,695,812	31,597,443	14,359,323	17,238,120	13,098,369
66	Barbers Point, Oahu, HI	8,232,732	4,724,838	3,974,002	750,836	3,507,894
4	Baton Rouge, LA	83,612,788	38,228,701	26,564,120	11,664,581	45,384,087
30	Beaumont, TX	20,937,132	6,014,171	4,026,335	1,987,836	14,922,961
132	Bellingham, WA	1,291,373	760,561	400,547	360,014	530,812
119	Biloxi, MS	1,739,456	-	-	-	1,739,456
37	Boston, MA	16,744,386	7,106,680	6,363,958	742,722	9,637,706
92	Bridgeport, CT	3,447,062	445,461	433,546	11,915	3,001,601
102	Brownsville, TX	2,656,193	1,612,972	497,062	1,115,910	1,043,221
111	Brunswick, GA	2,002,489	1,769,907	996,787	773,120	232,582
134	Bucksport, ME	1,237,542	857,903	856,294	1,609	379,639
116	Buffalo, NY	1,872,534	548,199	487,459	60,740	1,324,335
125	Buffington, IN	1,447,039	30,450	-	30,450	1,416,589
54	Burns Waterway Harbor, IN	10,275,176	2,672,057	2,206,600	465,457	7,603,119
64	Calcite, MI	8,380,892	1,859,996	-	1,859,996	6,520,896
73	Camden-Gloucester, NJ	5,919,077	3,171,734	2,457,449	714,285	2,747,343
52	Charleston, SC	11,171,597	7,353,328	3,326,472	4,026,856	3,818,269
122	Charlevoix, MI	1,584,187	62,294	-	62,294	1,521,893
105	Chattanooga, TN	2,525,377	-	-	-	2,525,377
126	Chester, PA	1,388,968	1,117,327	885,718	231,609	271,641
27	Chicago, IL	25,329,030	3,246,529	2,206,262	1,040,267	22,082,501
47	Cincinnati, OH	13,068,362	-	-	-	13,068,362
42	Cleveland, OH	15,393,496	3,070,206	2,655,471	414,735	12,323,290
75	Conneaut, OH	5,611,533	2,625,387	29,123	2,596,264	2,986,146
89	Coos Bay, OR	3,628,036	3,476,288	52,140	3,424,148	151,748
8	Corpus Christi, TX	70,456,033	44,570,693	38,624,945	5,945,748	25,885,340
34	Detroit, MI	18,660,925	3,658,253	3,051,172	607,081	15,002,672
121	Drummond Island, MI	1,606,078	203,209	-	203,209	1,402,869
18	Duluth-Superior, MN & WI	45,049,184	10,116,294	1,425,472	8,690,822	34,932,890
145	Erie, PA	1,056,727	119,826	108,534	11,292	936,901
62	Escanaba, MI	8,479,428	-	-	-	8,479,428
83	Everett, WA	4,440,858	1,423,322	384,659	1,038,663	3,017,536
98	Fairport Harbor, OH	2,941,343	565,054	47,576	517,478	2,376,289
93	Fall River, MA	3,279,988	737,379	720,330	17,049	2,542,609
33	Freeport, TX	19,661,621	14,185,739	12,271,130	1,914,609	5,475,882
53	Galveston, TX	10,465,119	6,649,994	1,986,010	4,663,984	3,815,125
57	Gary, IN	9,978,301	351,742	181,175	170,567	9,626,559
135	Georgetown, SC	1,233,580	1,164,382	1,072,812	91,570	69,198
149	Grand Haven, MI	961,189	192,147	68,016	124,131	769,042
123	Grays Harbor, WA	1,565,708	1,464,523	130	1,464,393	101,185
108	Green Bay, WI	2,122,138	222,945	190,486	32,459	1,899,193
115	Greenville, MS	1,873,694	-	-	-	1,873,694
109	Gulfport, MS	2,023,084	1,936,995	1,231,432	705,563	86,089
102	Guntersville, AL	2,754,096	-	-	-	2,754,096

Table 5-1: SELECTED U.S. PORTS BY PORT NAME, 1995 (continued)
(tons)

Rank	Port Name	Total	Foreign	Imports	Exports	Domestic
112	Helena, AR	1,964,582	-	-	-	1,964,582
127	Hilo, HI	1,354,365	50,475	49,986	489	1,303,890
49	Honolulu, HI	11,545,102	2,170,520	1,923,739	246,781	9,374,582
150	Hopewell, VA	934,835	300,342	9,891	290,451	634,493
2	Houston, TX	135,231,322	71,536,888	42,859,905	28,676,983	63,694,434
136	Humboldt, CA	1,220,383	621,162	59,016	562,146	599,221
24	Huntington, WV	28,265,731	-	-	-	28,265,731
143	Huron, OH	1,087,217	131,415	94,576	36,839	955,802
39	Indiana Harbor, IN	15,700,153	680,696	640,254	40,442	15,019,457
40	Jacksonville, FL	15,692,999	6,952,945	5,062,499	1,890,446	8,740,054
104	Kahului, Maui, HI	2,586,230	75,311	74,941	370	2,510,919
51	Kalama, WA	11,346,546	10,685,967	15,754	10,670,213	660,579
106	Kansas City, MO	2,371,609	-	-	-	2,371,609
118	Ketchikan, AK	1,821,127	347,842	108,889	238,953	1,473,285
16	Lake Charles, LA	46,569,641	26,828,935	21,615,421	5,213,514	19,740,706
9	Long Beach, CA	53,227,490	33,488,491	15,994,553	17,493,938	19,738,999
72	Longview, WA	6,166,724	4,994,543	674,806	4,319,737	1,172,181
43	Lorain, OH	14,964,284	124,406	124,406	-	14,839,878
17	Los Angeles, CA	46,478,586	27,415,119	13,550,393	13,864,726	19,063,467
60	Louisville, KY	8,999,282	-	-	-	8,999,282
138	Ludington, MI	1,149,952	42,371	8,311	34,060	1,107,581
91	Marblehead, OH	3,517,954	527,090	4	527,086	2,990,864
22	Marcus Hook, PA	30,818,134	16,269,031	16,222,985	46,046	14,549,103
87	Marine City, MI	3,850,333	-	-	-	3,850,333
59	Matagorda Ship Channel, TX	9,237,437	6,548,282	5,771,996	776,286	2,689,155
38	Memphis, TN	15,944,945	-	-	-	15,944,945
71	Miami, FL	6,578,860	5,342,922	2,483,652	2,859,270	1,235,938
94	Milwaukee, WI	3,262,288	1,629,691	868,474	761,217	1,632,597
131	Minneapolis, MN	1,299,922	-	-	-	1,299,922
11	Mobile, AL	50,972,223	25,889,003	11,711,441	14,177,562	25,083,220
113	Monroe, MI	1,919,912	52,888	6,578	46,310	1,867,024
82	Morehead City, NC	4,577,242	2,761,935	732,469	2,029,466	1,815,307
67	Mount Vernon, IN	8,225,907	-	-	-	8,225,907
117	Muskegon, MI	1,824,617	175,902	175,902	-	1,648,715
88	Nashville, TN	3,748,978	-	-	-	3,748,978
142	Nawiliwili, Kauai, HI	1,129,612	15,955	15,955	-	1,113,657
48	New Castle, DE	12,455,809	7,581,006	7,540,893	40,113	4,874,803
61	New Haven, CT	8,812,648	2,410,161	2,218,489	191,672	6,402,487
6	New Orleans, LA	76,984,036	39,021,479	18,770,926	20,250,553	37,962,557
3	New York, NY & NJ	119,341,574	48,060,360	38,728,644	9,331,716	71,281,214
29	Newport News, VA	23,365,005	18,194,809	1,794,695	16,400,114	5,170,196
80	Nikishka, AK	4,699,710	1,322,884	3	1,322,881	3,376,826
15	Norfolk Harbor, VA	47,658,182	37,374,831	5,543,382	31,831,449	10,283,351
45	Oakland, CA	13,224,118	10,700,218	4,330,630	6,369,588	2,523,900
107	Olympia, WA	2,165,575	166,852	4,858	161,994	1,998,723
97	Palm Beach, FL	2,972,159	817,823	315,169	502,654	2,154,336
99	Panama City, FL	2,890,579	494,772	68,266	426,506	2,395,807
25	Pascagoula, MS	26,926,582	17,444,855	14,735,302	2,709,553	9,481,727
28	Paulsboro, NJ	24,780,664	13,135,054	12,984,722	150,332	11,645,610
120	Pensacola, FL	1,622,528	479,111	123,584	355,527	1,143,417

Table 5-1: SELECTED U.S. PORTS BY PORT NAME, 1995 (continued)
(tons)

Rank	Port Name	Total	Foreign	Imports	Exports	Domestic
20	Philadelphia, PA	40,634,284	27,870,733	27,151,633	719,100	12,763,551
14	Pittsburgh, PA	48,849,508	-	-	-	48,849,508
7	Plaquemine, LA, Port of	72,897,301	24,430,867	7,854,328	16,576,539	48,466,434
141	Ponce, PR	1,134,115	1,133,884	959,193	174,691	231
114	Port Angeles, WA	1,910,512	900,168	305,137	595,031	1,010,344
13	Port Arthur, TX	49,799,977	43,036,234	36,864,423	6,171,811	6,763,743
100	Port Canaveral, FL	2,816,904	1,598,764	1,245,094	353,670	1,218,140
95	Port Dolomite, MI	3,261,858	286,856	13,635	273,221	2,975,002
35	Port Everglades, FL	18,367,389	8,129,187	6,254,011	1,875,176	10,238,202
144	Port Hueneme, CA	1,075,863	889,890	552,535	337,355	185,973
77	Port Inland, MI	5,050,272	420,171	31,144	389,027	4,630,101
110	Port Jefferson, NY	2,018,078	162,689	162,689	-	1,855,389
50	Portland, ME	11,456,007	9,440,227	9,295,191	145,036	2,015,780
21	Portland, OR	31,255,509	17,638,658	2,714,802	14,923,856	13,616,851
86	Portsmouth, NH	3,913,882	3,100,827	2,770,435	330,392	813,055
55	Presque Isle, MI	10,099,422	1,791,750	30,173	1,761,577	8,307,672
70	Providence, RI	6,932,109	2,110,638	1,613,395	497,243	4,821,471
32	Richmond, CA	20,839,258	5,804,773	3,649,403	2,155,370	15,034,485
140	Richmond, VA	1,135,106	554,043	300,572	253,471	581,063
139	Sacramento, CA	1,137,456	938,066	58,379	879,687	199,390
137	Salem, MA	1,197,416	801,855	801,732	123	395,561
128	San Diego, CA	1,351,482	734,884	258,589	476,295	616,598
129	San Francisco, CA	1,330,066	812,475	324,458	488,017	517,591
41	San Juan, PR	15,477,965	4,577,720	3,775,480	802,240	10,900,245
90	Sandusky, OH	3,536,000	2,647,569	3,500	2,644,069	888,431
36	Savannah, GA	17,379,724	13,813,084	6,437,974	7,375,110	3,566,640
133	Searsport, ME	1,262,712	845,466	808,638	36,828	417,246
26	Seattle, WA	26,179,838	20,138,644	7,567,122	12,571,522	6,041,194
84	Silver Bay, MN	4,348,458	-	-	-	4,348,458
1	South Louisiana, LA, Port of	204,482,591	97,510,012	28,867,399	68,642,613	106,972,579
146	Stamford, CT	994,083	-	-	-	994,083
130	Stockton, CA	1,320,462	1,190,575	724,516	466,059	129,887
63	Stoneport, MI	8,467,755	1,054,540	33,215	1,021,325	7,413,215
78	St. Clair, MI	5,028,413	1,587	1,587	-	5,026,826
23	St. Louis, MO & IL	30,137,632	-	-	-	30,137,632
79	St. Paul, MN	4,769,608	-	-	-	4,769,608
31	Tacoma, WA	20,878,751	13,852,282	4,009,359	9,842,923	7,026,469
58	Taconite, MN	9,247,361	-	-	-	9,247,361
10	Tampa, FL	51,911,335	20,099,220	6,069,656	14,029,564	31,812,115
12	Texas City, TX	50,402,938	31,189,730	29,980,279	1,209,451	19,213,208
44	Toledo, OH	14,074,499	6,834,147	1,376,781	5,457,366	7,240,352
148	Trenton, NJ	963,860	-	-	-	963,860
124	Tulsa, Port of Catoosa, OK	1,473,584	-	-	-	1,473,584
65	Two Harbors, MN	8,265,384	-	-	-	8,265,384
5	Valdez, AK	80,955,084	73,378	-	73,378	80,881,706
69	Vancouver, WA	7,534,764	5,361,294	893,875	4,467,419	2,173,470
76	Vicksburg, MS	5,127,950	-	-	-	5,127,950
81	Victoria, TX	4,624,192	-	-	-	4,624,192
85	Wilmington, DE	4,272,719	3,490,205	3,051,774	438,431	782,514
68	Wilmington, NC	7,860,740	3,891,411	2,717,451	1,173,960	3,969,329

Table 5-2: SELECTED U.S. PORTS, 1995, RANKED BY TOTAL TONS
(tons)

Rank	Port Name	Total	Foreign	Imports	Exports	Domestic
1	South Louisiana, LA, Port of	204,482,591	97,510,012	28,867,399	68,642,613	106,972,579
2	Houston, TX	135,231,322	71,536,888	42,859,905	28,676,983	63,694,434
3	New York, NY & NJ	119,341,574	48,060,360	38,728,644	9,331,716	71,281,214
4	Baton Rouge, LA	83,612,788	38,228,701	26,564,120	11,664,581	45,384,087
5	Valdez, AK	80,955,084	73,378	-	73,378	80,881,706
6	New Orleans, LA	76,984,036	39,021,479	18,770,926	20,250,553	37,962,557
7	Plaquemine, LA, Port of	72,897,301	24,430,867	7,854,328	16,576,539	48,466,434
8	Corpus Christi, TX	70,456,033	44,570,693	38,624,945	5,945,748	25,885,340
9	Long Beach, CA	53,227,490	33,488,491	15,994,553	17,493,938	19,738,999
10	Tampa, FL	51,911,335	20,099,220	6,069,656	14,029,564	31,812,115
11	Mobile, AL	50,972,223	25,889,003	11,711,441	14,177,562	25,083,220
12	Texas City, TX	50,402,938	31,189,730	29,980,279	1,209,451	19,213,208
13	Port Arthur, TX	49,799,977	43,036,234	36,864,423	6,171,811	6,763,743
14	Pittsburgh, PA	48,849,508	-	-	-	48,849,508
15	Norfolk Harbor, VA	47,658,182	37,374,831	5,543,382	31,831,449	10,283,351
16	Lake Charles, LA	46,569,641	26,828,935	21,615,421	5,213,514	19,740,706
17	Los Angeles, CA	46,478,586	27,415,119	13,550,393	13,864,726	19,063,467
18	Duluth-Superior, MN & WI	45,049,184	10,116,294	1,425,472	8,690,822	34,932,890
19	Baltimore, MD	44,695,812	31,597,443	14,359,323	17,238,120	13,098,369
20	Philadelphia, PA	40,634,284	27,870,733	27,151,633	719,100	12,763,551
21	Portland, OR	31,255,509	17,638,658	2,714,802	14,923,856	13,616,851
22	Marcus Hook, PA	30,818,134	16,269,031	16,222,985	46,046	14,549,103
23	St. Louis, MO & IL	30,137,632	-	-	-	30,137,632
24	Huntington, WV	28,265,731	-	-	-	28,265,731
25	Pascagoula, MS	26,926,582	17,444,855	14,735,302	2,709,553	9,481,727
26	Seattle, WA	26,179,838	20,138,644	7,567,122	12,571,522	6,041,194
27	Chicago, IL	25,329,030	3,246,529	2,206,262	1,040,267	22,082,501
28	Paulsboro, NJ	24,780,664	13,135,054	12,984,722	150,332	11,645,610
29	Newport News, VA	23,365,005	18,194,809	1,794,695	16,400,114	5,170,196
30	Beaumont, TX	20,937,132	6,014,171	4,026,335	1,987,836	14,922,961
31	Tacoma, WA	20,878,751	13,852,282	4,009,359	9,842,923	7,026,469
32	Richmond, CA	20,839,258	5,804,773	3,649,403	2,155,370	15,034,485
33	Freeport, TX	19,661,621	14,185,739	12,271,130	1,914,609	5,475,882
34	Detroit, MI	18,660,925	3,658,253	3,051,172	607,081	15,002,672
35	Port Everglades, FL	18,367,389	8,129,187	6,254,011	1,875,176	10,238,202
36	Savannah, GA	17,379,724	13,813,084	6,437,974	7,375,110	3,566,640
37	Boston, MA	16,744,386	7,106,680	6,363,958	742,722	9,637,706
38	Memphis, TN	15,944,945	-	-	-	15,944,945
39	Indiana Harbor, IN	15,700,153	680,696	640,254	40,442	15,019,457
40	Jacksonville, FL	15,692,999	6,952,945	5,062,499	1,890,446	8,740,054
41	San Juan, PR	15,477,965	4,577,720	3,775,480	802,240	10,900,245
42	Cleveland, OH	15,393,496	3,070,206	2,655,471	414,735	12,323,290
43	Lorain, OH	14,964,284	124,406	124,406	-	14,839,878
44	Toledo, OH	14,074,499	6,834,147	1,376,781	5,457,366	7,240,352
45	Oakland, CA	13,224,118	10,700,218	4,330,630	6,369,588	2,523,900
46	Anacortes, WA	13,109,828	1,989,647	538,040	1,451,607	11,120,181
47	Cincinnati, OH	13,068,362	-	-	-	13,068,362

Table 5-2: SELECTED U.S. PORTS, 1995, RANKED BY TOTAL TONS (continued)
(tons)

Rank	Port Name	Total	Foreign	Imports	Exports	Domestic
51	Kalama, WA	11,346,546	10,685,967	15,754	10,670,213	660,579
52	Charleston, SC	11,171,597	7,353,328	3,326,472	4,026,856	3,818,269
53	Galveston, TX	10,465,119	6,649,994	1,986,010	4,663,984	3,815,125
54	Burns Waterway Harbor, IN	10,275,176	2,672,057	2,206,600	465,457	7,603,119
55	Presque Isle, MI	10,099,422	1,791,750	30,173	1,761,577	8,307,672
56	Ashtabula, OH	10,010,229	3,837,722	1,074,963	2,762,759	6,172,507
57	Gary, IN	9,978,301	351,742	181,175	170,567	9,626,559
58	Taconite, MN	9,247,361	-	-	-	9,247,361
59	Matagorda Ship Channel, TX	9,237,437	6,548,282	5,771,996	776,286	2,689,155
60	Louisville, KY	8,999,282	-	-	-	8,999,282
61	New Haven, CT	8,812,648	2,410,161	2,218,489	191,672	6,402,487
62	Escanaba, MI	8,479,428	-	-	-	8,479,428
63	Stoneport, MI	8,467,755	1,054,540	33,215	1,021,325	7,413,215
64	Calcite, MI	8,380,892	1,859,996	-	1,859,996	6,520,896
65	Two Harbors, MN	8,265,384	-	-	-	8,265,384
66	Barbers Point, Oahu, HI	8,232,732	4,724,838	3,974,002	750,836	3,507,894
67	Mount Vernon, IN	8,225,907	-	-	-	8,225,907
68	Wilmington, NC	7,860,740	3,891,411	2,717,451	1,173,960	3,969,329
69	Vancouver, WA	7,534,764	5,361,294	893,875	4,467,419	2,173,470
70	Providence, RI	6,932,109	2,110,638	1,613,395	497,243	4,821,471
71	Miami, FL	6,578,860	5,342,922	2,483,652	2,859,270	1,235,938
72	Longview, WA	6,166,724	4,994,543	674,806	4,319,737	1,172,181
73	Camden-Gloucester, NJ	5,919,077	3,171,734	2,457,449	714,285	2,747,343
74	Albany, NY	5,802,920	1,454,204	870,288	583,916	4,348,716
75	Conneaut, OH	5,611,533	2,625,387	29,123	2,596,264	2,986,146
76	Vicksburg, MS	5,127,950	-	-	-	5,127,950
77	Port Inland, MI	5,050,272	420,171	31,144	389,027	4,630,101
78	St. Clair, MI	5,028,413	1,587	1,587	-	5,026,826
79	St. Paul, MN	4,769,608	-	-	-	4,769,608
80	Nikishka, AK	4,699,710	1,322,884	3	1,322,881	3,376,826
81	Victoria, TX	4,624,192	-	-	-	4,624,192
82	Morehead City, NC	4,577,242	2,761,935	732,469	2,029,466	1,815,307
83	Everett, WA	4,440,858	1,423,322	384,659	1,038,663	3,017,536
84	Silver Bay, MN	4,348,458	-	-	-	4,348,458
85	Wilmington, DE	4,272,719	3,490,205	3,051,774	438,431	782,514
86	Portsmouth, NH	3,913,882	3,100,827	2,770,435	330,392	813,055
87	Marine City, MI	3,850,333	-	-	-	3,850,333
88	Nashville, TN	3,748,978	-	-	-	3,748,978
89	Coos Bay, OR	3,628,036	3,476,288	52,140	3,424,148	151,748
90	Sandusky, OH	3,536,000	2,647,569	3,500	2,644,069	888,431
91	Marblehead, OH	3,517,954	527,090	4	527,086	2,990,864
92	Bridgeport, CT	3,447,062	445,461	433,546	11,915	3,001,601
93	Fall River, MA	3,279,988	737,379	720,330	17,049	2,542,609
94	Milwaukee, WI	3,262,288	1,629,691	868,474	761,217	1,632,597
95	Port Dolomite, MI	3,261,858	286,856	13,635	273,221	2,975,002
96	Anchorage, AK	3,221,587	952,041	251,338	700,703	2,269,546
97	Palm Beach, FL	2,972,159	817,823	315,169	502,654	2,154,336
98	Fairport Harbor, OH	2,941,343	565,054	47,576	517,478	2,376,289
99	Panama City, FL	2,890,579	494,772	68,266	426,506	2,395,807
100	Port Canaveral, FL	2,816,904	1,598,764	1,245,094	353,670	1,218,140

Table 5-2: SELECTED U.S. PORTS, 1995. RANKED BY TOTAL TONS (continued)
(tons)

Rank	Port Name	Total	Foreign	Imports	Exports	Domestic
101	Alpena, MI	2,766,717	162,210	31,833	130,377	2,604,507
102	Guntersville, AL	2,754,096	-	-	-	2,754,096
103	Brownsville, TX	2,656,193	1,612,972	497,062	1,115,910	1,043,221
104	Kahului, Maui, HI	2,586,230	75,311	74,941	370	2,510,919
105	Chattanooga, TN	2,525,377	-	-	-	2,525,377
106	Kansas City, MO	2,371,609	-	-	-	2,371,609
107	Olympia, WA	2,165,575	166,852	4,858	161,994	1,998,723
108	Green Bay, WI	2,122,138	222,945	190,486	32,459	1,899,193
109	Gulfport, MS	2,023,084	1,936,995	1,231,432	705,563	86,089
110	Port Jefferson, NY	2,018,078	162,689	162,689	-	1,855,389
111	Brunswick, GA	2,002,489	1,769,907	996,787	773,120	232,582
112	Helena, AR	1,964,582	-	-	-	1,964,582
113	Monroe, MI	1,919,912	52,888	6,578	46,310	1,867,024
114	Port Angeles, WA	1,910,512	900,168	305,137	595,031	1,010,344
115	Greenville, MS	1,873,694	-	-	-	1,873,694
116	Buffalo, NY	1,872,534	548,199	487,459	60,740	1,324,335
117	Muskegon, MI	1,824,617	175,902	175,902	-	1,648,715
118	Ketchikan, AK	1,821,127	347,842	108,889	238,953	1,473,285
119	Biloxi, MS	1,739,456	-	-	-	1,739,456
120	Pensacola, FL	1,622,528	479,111	123,584	355,527	1,143,417
121	Drummond Island, MI	1,606,078	203,209	-	203,209	1,402,869
122	Charlevoix, MI	1,584,187	62,294	-	62,294	1,521,893
123	Grays Harbor, WA	1,565,708	1,464,523	130	1,464,393	101,185
124	Tulsa, Port of Catoosa, OK	1,473,584	-	-	-	1,473,584
125	Buffington, IN	1,447,039	30,450	-	30,450	1,416,589
126	Chester, PA	1,388,968	1,117,327	885,718	231,609	271,641
127	Hilo, HI	1,354,365	50,475	49,986	489	1,303,890
128	San Diego, CA	1,351,482	734,884	258,589	476,295	616,598
129	San Francisco, CA	1,330,066	812,475	324,458	488,017	517,591
130	Stockton, CA	1,320,462	1,190,575	724,516	466,059	129,887
131	Minneapolis, MN	1,299,922	-	-	-	1,299,922
132	Bellingham, WA	1,291,373	760,561	400,547	360,014	530,812
133	Searsport, ME	1,262,712	845,466	808,638	36,828	417,246
134	Bucksport, ME	1,237,542	857,903	856,294	1,609	379,639
135	Georgetown, SC	1,233,580	1,164,382	1,072,812	91,570	69,198
136	Humboldt, CA	1,220,383	621,162	59,016	562,146	599,221
137	Salem, MA	1,197,416	801,855	801,732	123	395,561
138	Ludington, MI	1,149,952	42,371	8,311	34,060	1,107,581
139	Sacramento, CA	1,137,456	938,066	58,379	879,687	199,390
140	Richmond, VA	1,135,106	554,043	300,572	253,471	581,063
141	Ponce, PR	1,134,115	1,133,884	959,193	174,691	231
142	Nawiliwili, Kauai, HI	1,129,612	15,955	15,955	-	1,113,657
143	Huron, OH	1,087,217	131,415	94,576	36,839	955,802
144	Port Hueneme, CA	1,075,863	889,890	552,535	337,355	185,973
145	Erie, PA	1,056,727	119,826	108,534	11,292	936,901
146	Stamford, CT	994,083	-	-	-	994,083
147	Astoria, OR	985,471	824,495	101,747	722,748	160,976
148	Trenton, NJ	963,860	-	-	-	963,860
149	Grand Haven, MI	961,189	192,147	68,016	124,131	769,042
150	Hopewell, VA	934,835	300,342	9,891	290,451	634,493

Appendix

**Publication Commodity Codes Cross Reference List
(sorted by 1995 commodity codes)**

<u>1995</u>	<u>Commodity</u>	<u>1989</u>	<u>Commodity</u>
0200	Vehicles	4115	Transported Vehicles (E.G. Ferried Autos)
	.....	4116	Railway Cars (Loaded)
	.....	4117	Railway Cars (Empty)
0300	Passengers	4114	Passengers Only
1100	Coal & Lignite	1121	Coal and Lignite
1200	Coke	2920	Coke, Including Petroleum Coke
2100	Crude Petroleum	1311	Crude Petroleum
2211	Gasoline	2911	Gasoline, Including Additives
	.....	2912	Jet Fuel
2221	Kerosene	2913	Kerosene
2330	Distillate Fuel Oil	2914	Distillate Fuel Oil
2340	Residual Fuel Oil	2915	Residual Fuel Oil
2350	Lube Oil & Greases	2916	Lubricating Oil and Greases
2410	Petro. Jelly & Waxes	2991	Petroleum and Coal Products, NEC
2429	Naphtha & Solvents	2917	Naphtha, Mineral Spirits, Solvent, NEC
2430	Asphalt, Tar & Pitch	2918	Asphalt, Tar and Pitches
2540	Petroleum Coke	2920	Coke, Including Petroleum Coke
2640	Liquid Natural Gas	2921	Liquified Petroleum Gases,Coal Gas,Nat Gas/Liquid
2990	Petro. Products NEC	2991	Petroleum and Coal Products, NEC
	.....	3113	Coke (coal & petroleum), petroleum pitches and asphalts, and naphtha and solvents
3110	Nitrogenous Fert.	2871	Nitrogenous Chemical Fertilizers, Except Mixtures
3120	Phosphatic Fert.	2873	Phosphatic Chemical Fertilizers, Except Mixtures
3130	Potassic Fert.	2872	Potassic Chemical Fertilizers, Except Mixtures
3190	Fert. & Mixes NEC	1479	Natural Fertilizer Materials, NEC

Publication Commodity Codes Cross Reference List (continued)
(sorted by 1995 commodity codes)

.....	2879	Fertilizers and Fertilizer Materials, NEC
3211 Acyclic Hydrocarbons	2811	Crude Products from Coal, Tar, Petroleum & Nat Gas
3212 Benzene & Toluene	2817	Benzene and Toluene, Crude and Commercially Pure
3219 Other Hydrocarbons	2811	Crude Products from Coal, Tar, Petroleum & Nat Gas
3220 Alcohols	2813	Alcohols
3230 Carboxylic Acids	2819	Basic Chemicals & Basic Chemical Products, NEC
3240 Nitrogen Func Comp	2819	Basic Chemicals & Basic Chemical Products, NEC
3250 Organo-Inorgan Comp	2819	Basic Chemicals & Basic Chemical Products, NEC
3260 Organic Comp NEC	2819	Basic Chemicals & Basic Chemical Products, NEC
3271 Sulphur (Liquid)	1493	Sulphur, Liquid
3272 Sulphuric Acid	2818	Sulphuric Acid
3273 Ammonia	2819	Basic Chemicals & Basic Chemical Products, NEC
3274 Sodium Hydroxide	2810	Sodium Hydroxide (Caustic Soda)
3275 Inorg. Elem., Oxides, & Halogen Salts	2819	Basic Chemicals & Basic Chemical Products, NEC
3276 Metallic Salts	2819	Basic Chemicals & Basic Chemical Products, NEC
3279 Inorganic Chem. NEC	2819	Basic Chemicals & Basic Chemical Products, NEC
3281 Radioactive Material	2816	Radioactive & Associated Materials, Including Waste
3282 Pigments & Paints	2851	Paints, Varnishes, Lacquers, Enamels & Allied Prods
3283 Coloring Mat. NEC	2812	Dyes, Organic Pigment, Dyeing & Tanning Materials
3284 Medicines	2831	Drugs (Biological Prod, Medicinal Chem, Pharmaceut)
3285 Perfumes & Cleansers	2841	Soap, Detergents & Cleaning Preps, Perfume, Cosmetics
3286 Plastics	2821	Plastics, Cellulose & Resins, Film, Sheeting, Laminate
3291 Pesticides	2876	Insecticides, Fungicides, Pesticides & Disinfectants
3292 Starches, Gluten, Glue	2891	Miscellaneous Chemical Products
3293 Explosives	1911	Ordnance and Accessories
3297 Chemical Additives	2891	Miscellaneous Chemical Products
1995 Commodity	1989 Commodity	

Publication Commodity Codes Cross Reference List (continued)
(sorted by 1995 commodity codes)

3298	Wood & Resin Chem.	2861	Gum and Wood Chemicals
3299	Chem. Products NEC	2891	Miscellaneous Chemical Products
4110	Rubber & Gums	0841	Crude Rubber and Allied Gums
4150	Fuel Wood	2413	Fuel Wood, Charcoal and Wastes
4161	Wood Chips	2416	Woodchips, Staves, Molding and Excelsior
4170	Wood in the Rough	2411	Logs
.....		2412	Rafted Logs
.....		2414	Timber, Posts, Poles, Piling & Other Wood in the Rough
.....		2415	Pulpwood Logs
4189	Lumber	2421	Lumber
4190	Forest Products NEC	0861	Forest Products, Not Elsewhere Classified
4225	Pulp & Waste Paper	2611	Pulp
.....		4024	Paper Waste and Scrap
4310	Building Stone	1412	Building Stone, Unworked
4322	Limestone	1411	Limestone Flux and Calcareous Stone
4323	Gypsum	1494	Gypsum, Crude and Plasters
4327	Phosphate Rock	1471	Phosphate Rock
4331	Sand & Gravel	1442	Sand, Gravel and Crushed Rock
4333	Dredged Material	4029	Waste and Scrap, Not Elsewhere Classified
4335	Waterway Improv. Mat	4118	Waterway Improvement Materials, Govt Materials
4338	Soil & Fill Dirt	1499	Nonmetallic Minerals, Except Fuels, NEC
4410	Iron Ore	1011	Iron Ore and Concentrates
4420	Iron & Steel Scrap	4011	Iron and Steel Scrap
4515	Marine Shells	0931	Marine Shells, Unmanufactured
4630	Copper Ore	1021	Copper Ore and Concentrates
4650	Aluminum Ore	1051	Bauxite and Other Aluminum Ores and Concentrates
4670	Manganese Ore	1061	Manganese Ores and Concentrates

Publication Commodity Codes Cross Reference List (continued)
(sorted by 1995 commodity codes)

4680	Non-Ferrous Scrap	4012	Nonferrous Metal Scrap
4690	Non-Ferrous Ores NEC	1091	Nonferrous Metal Ores and Concentrates, NEC
4741	Sulphur, (Dry)	1492	Sulphur, Dry
4782	Clay & Refrac. Mat.	1451	Clay, Ceramic and Refractory Materials
4783	Salt	1491	Salt
4860	Slag	3312	Slag
4900	Non-Metal. Min. NEC	1499	Nonmetallic Minerals, Except Fuels, NEC
5110	Newsprint	2621	Standard Newsprint Paper
5120	Paper & Paperboard	2631	Paper and Paperboard
5190	Paper Products NEC	2691	Pulp, Paper and Paperboard Products, NEC
5210	Lime	3271	Lime
5220	Cement & Concrete	3241	Building Cement
5240	Glass & Glass Prod.	3211	Glass and Glass Products
5290	Misc. Mineral Prod.	2951	Asphalt Building Materials
.....		3251	Structural Clay Products, Including Refractories
.....		3281	Cut Stone and Stone Products
.....		3291	Miscellaneous Nonmetallic Mineral Products
5312	Pig Iron	3311	Pig Iron
5315	Ferro Alloys	3318	Ferroalloys
5320	I&S Primary Forms	3314	Iron and Steel Ingots and Other Primary Forms
5330	I&S Plates & Sheets	3316	Iron and Steel Plates and Sheets
5360	I&S Bars & Shapes	3315	Iron and Steel Bars,Rods,Angles,Shapes & Sections
5370	I&S Pipe & Tube	3317	Iron and Steel Pipe and Tube
5390	Primary I&S NEC	3319	Primary Iron & Steel Prods,NEC Incl Rough Castings
5421	Copper	3322	Copper & Copper Alloys, Refined,Unrefined,Unworked
1995	Commodity	1989	Commodity
5422	Aluminum	3324	Aluminum and Aluminum Alloys, Unworked

**Publication Commodity Codes Cross Reference List
(sorted by 1989 commodity codes)**

<u>1995</u>	<u>Commodity</u>	<u>1989</u>	<u>Commodity</u>
6893	Cotton	0101	Cotton, Raw
6443	Barley & Rye	0102	Barley and Rye
6344	Corn	0103	Corn
6445	Oats	0104	Oats
6442	Rice	0105	Rice
6447	Sorghum Grains	0106	Sorghum Grains
6241	Wheat	0107	Wheat
6522	Soybeans	0111	Soybeans
6534	Flaxseed	0112	Flaxseed
6521	Peanuts	0119	Oilseeds, Not Elsewhere Classified
6590	Oilseeds NEC	.....
6891	Tobacco & Products	0121	Tobacco, Leaf
6781	Hay & Fodder	0122	Hay and Fodder
6899	Farm Products NEC	0129	Field Crops, Not Elsewhere Classified
6857	Fruit & Nuts NEC	0131	Fresh Fruit
6856	Bananas & Plantains	0132	Bananas and Plantains
6871	Coffee	0133	Coffee, Green and Roasted (Including Instant)
6872	Cocoa Beans	0134	Cocoa Beans
6654	Vegetables & Prod.	0141	Fresh and Frozen Vegetables
6839	Animals & Prod. NEC	0151	Live Animals (Livestock) Excl Zoo Animals,Dogs,Etc
6839	Animals & Prod. NEC	0161	Animals and Animal Products, NEC
6899	Farm Products NEC	0191	Miscellaneous Farm Products
4110	Rubber & Gums	0841	Crude Rubber and Allied Gums
4190	Forest Products NEC	0861	Forest Products, Not Elsewhere Classified
6134	Fish (Not Shellfish)	0911	Fresh Fish, Except Shellfish

Publication Commodity Codes Cross Reference List (continued)
(sorted by 1989 commodity codes)

6136	Shellfish	0912	Shellfish, Except Prepared or Preserved
6134	Fish (Not Shellfish)	0913	Menhaden
4515	Marine Shells	0931	Marine Shells, Unmanufactured
4410	Iron Ore	1011	Iron Ore and Concentrates
4630	Copper Ore	1021	Copper Ore and Concentrates
4650	Aluminum Ore	1051	Bauxite and Other Aluminum Ores and Concentrates
4670	Manganese Ore	1061	Manganese Ores and Concentrates
4690	Non-Ferrous Ores NEC	1091	Nonferrous Metal Ores and Concentrates, NEC
1100	Coal & Lignite	1121	Coal and Lignite
2100	Crude Petroleum	1311	Crude Petroleum
4322	Limestone	1411	Limestone Flux and Calcareous Stone
4310	Building Stone	1412	Building Stone, Unworked
4331	Sand & Gravel	1442	Sand, Gravel and Crushed Rock
4782	Clay & Refrac. Mat.	1451	Clay, Ceramic and Refractory Materials
4327	Phosphate Rock	1471	Phosphate Rock
3190	Fert and Mixes NEC	1479	Natural Fertilizer Materials, NEC
4783	Salt	1491	Salt
4741	Sulphur, (Dry)	1492	Sulphur, Dry
3271	Sulphur (Liquid)	1493	Sulphur, Liquid
4323	Gypsum	1494	Gypsum, Crude and Plasters
4338	Soil & Fill Dirt	1499	Nonmetallic Minerals, Except Fuels, NEC
4900	Non-Metal. Min. NEC		.....
3293	Explosives	1911	Ordnance and Accessories
7300	Ordnance & Access.		.....
6811	Meat, Fresh, Frozen	2011	Meat, Fresh, Chilled, or Frozen
6817	Meat, Prepared	2012	Meat & Meat Products Prepared, Preserved or Canned
1995	Commodity	1989	Commodity

Publication Commodity Codes Cross Reference List (continued)
(sorted by 1989 commodity codes)

6838	Tallow, Animal Oils	2014	Tallow, Animal Fats and Oils
6839	Animals & Prod. NEC	2015	Animal By-Products, Not Elsewhere Classified
6822	Dairy Products	2021	Dairy Products, Except Dried Milk and Cream
6822	Dairy Products	2022	Dried Milk and Cream
6835	Fish, Prepared	2031	Fish & Fish Products, Incl Shellfish, Prep & Presvd
6654	Vegetables & Prod.	2034	Vegetables & Preparations, Canned, Prepared & Presvd
6858	Fruit Juices	2039	Fruit, Fruit & Vegetable Juices Canned, Prep, Presvd
6746	Wheat Flour	2041	Wheat Flour and Semolina
6782	Animal Feed, Prep.	2042	Animal Feeds
6747	Grain Mill Products	2049	Grain Mill Products, Not Elsewhere Classified
6861	Sugar	2061	Sugar
6865	Molasses	2062	Molasses
6885	Alcoholic Beverages	2081	Alcoholic Beverages
6653	Vegetable Oils	2091	Vegetable Oils, All Grades; Margarine & Shortening
6838	Tallow, Animal Oils	2092	Animal Oils and Fats, Not Elsewhere Classified
6887	Groceries	2094	Groceries
6888	Water & Ice	2095	Ice
6889	Food Products NEC	2099	Miscellaneous Food Products
6891	Tobacco & Products	2111	Tobacco Manufactures
7500	Textile Products	2211	Basic Textile Products, Except Textile Fibers
6894	Natural Fibers NEC	2212	Textile Fibers, Not Elsewhere Classified
7500	Textile Products	2311	Apparel & Other Finished Textile Products, Inc Knit
4170	Wood in the Rough	2411	Logs
4170	Wood in the Rough	2412	Rafted Logs
4150	Fuel Wood	2413	Fuel Wood, Charcoal and Wastes
4170	Wood in the Rough	2414	Timber, Posts, Poles, Piling & Other Wood in the Rough
4170	Wood in the Rough	2415	Pulpwood Logs

Publication Commodity Codes Cross Reference List (continued)
(sorted by 1989 commodity codes)

4161	Wood Chips	2416	Woodchips, Staves, Molding and Excelsior
4189	Lumber	2421	Lumber
5540	Primary Wood Prod.	2431	Veneer, Plywood and Other Worked Wood
7400	Manufac. Wood Prod.	2491	Wood Manufactures, Not Elsewhere Classified
7900	Manufac. Prod. NEC	2511	Furniture and Fixtures
4225	Pulp & Waste Paper	2611	Pulp
5110	Newsprint	2621	Standard Newsprint Paper
5120	Paper & Paperboard	2631	Paper and Paperboard
5190	Paper Products NEC	2691	Pulp, Paper and Paperboard Products, NEC
7900	Manufac. Prod. NEC	2711	Printed Matter
3274	Sodium Hydroxide	2810	Sodium Hydroxide (Caustic Soda)
3211	Acyclic Hydrocarbons	2811	Crude Products from Coal, Tar, Petroleum & Nat Gas
3219	Other Hydrocarbons	2811	
3283	Coloring Mat. NEC	2812	Dyes, Organic Pigment, Dyeing & Tanning Materials
3220	Alcohols	2813	Alcohols
3281	Radioactive Material	2816	Radioactive & Associated Materials, Including Waste
3212	Benzene & Toluene	2817	Benzene and Toluene, Crude and Commercially Pure
3272	Sulphuric Acid	2818	Sulphuric Acid
3230	Carboxylic Acids	2819	Basic Chemicals & Basic Chemical Products, NEC
3240	Nitrogen Func. Comp.		.....
3250	Organo-Inorgan Comp		.....
3260	Organic Comp. NEC		.....
3273	Ammonia		.....
3275	Inorg Elem, Oxides, & Halogen Salts		.....
3276	Metallic Salts		.....
1995	<u>Commodity</u>	1989	<u>Commodity</u>
3279	Inorganic Chem. NEC		.....