

WATERBORNE COMMERCE OF THE UNITED STATES

Calendar Year 1987

PART 5
NATIONAL SUMMARIES

CRIC COLLECTION



DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS
WATER RESOURCES SUPPORT CENTER

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**WATERBORNE COMMERCE
OF THE UNITED STATES
CALENDAR YEAR 1987**

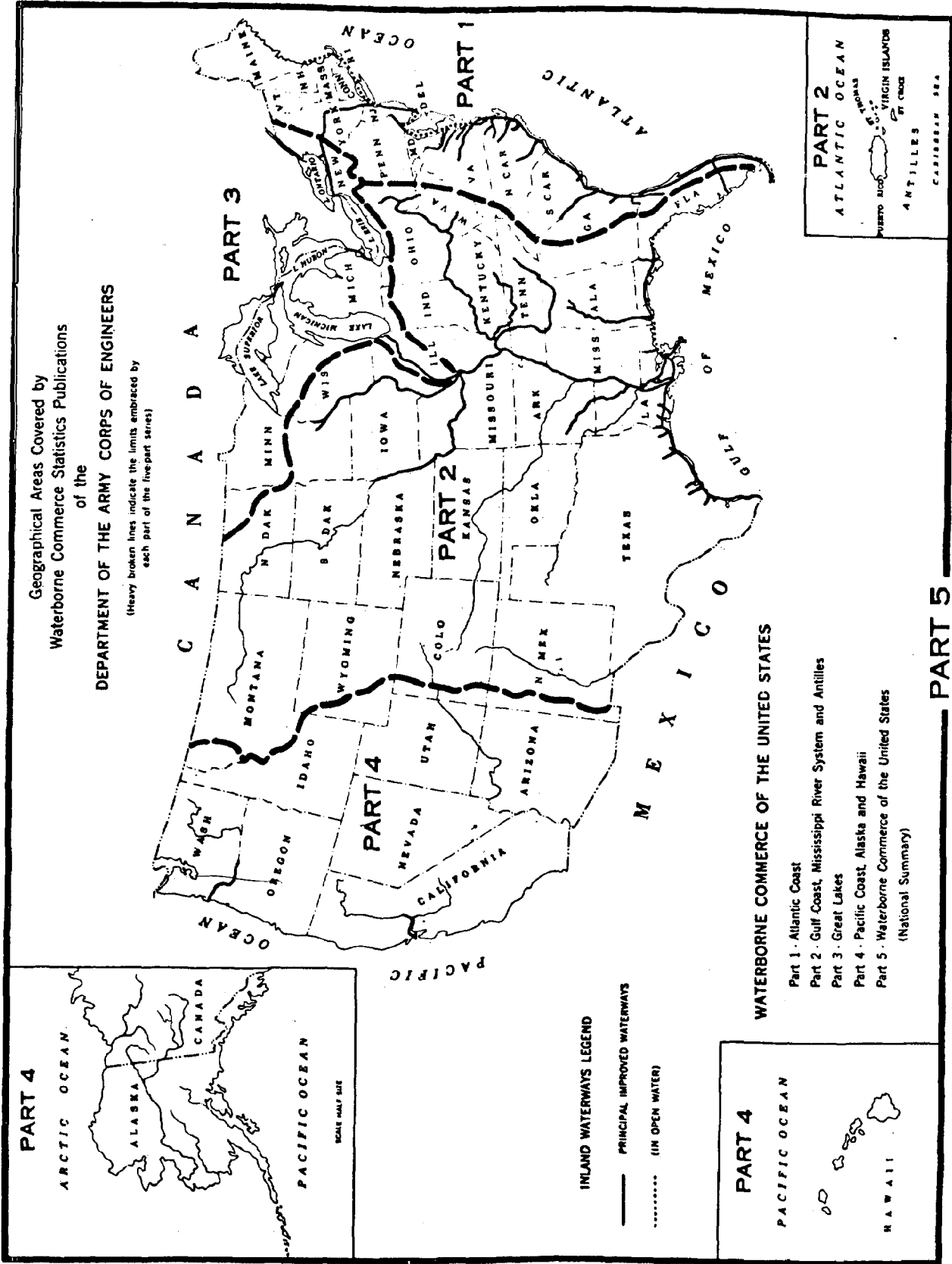
**PART 5
NATIONAL SUMMARIES**

COMPILED UNDER THE SUPERVISION OF
THE WATER RESOURCES SUPPORT CENTER
U.S. ARMY CORPS OF ENGINEERS
FORT BELVOIR, VIRGINIA

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This publication is one of a series containing statistics on the waterborne commerce of the United States during the calendar year 1987. Four of these publications present detailed data on the movements of commodities and vessels at the ports and harbors and on the waterways and canals of the United States, the Commonwealth of Puerto Rico, and the Virgin Islands, and the fifth contains summary data of the country as a whole. The numbers of the publications and the areas covered are:

Area

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

Both the foreign and domestic commerce moved on the United States waters are included. Data on the foreign commerce were supplied to the Corps of Engineers by the Bureau of the Census; data for the compilation of the domestic statistics were collected by the several offices of the Corps of Engineers, Department of the Army, in compliance with various acts of Congress. The principal provision governing the collection of these data is included in the Rivers and Harbors Act of September 22, 1922; as amended by Section 919 of the 1986 Water Resources Development Act.

Section 11. That 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 War: Provided, that this provision shall not apply to those rafting logs, except upon a direct request upon the owner to furnish specific information.

That every person or persons offending against the provisions of this section shall, for each and every offense, be liable to a fine of \$5,000 or imprisonment not exceeding two months, to be enforced in any district court in the United States within whose territorial jurisdiction such offense may have been committed.

While the information as now collected and compiled is designed to meet the administrative requirements of the Department of the Army in connection with the duties assigned by Congress, it also provides useful data for other governmental departments, commercial and shipping concerns, and others interested in transportation.

Waterborne traffic movements were reported to the Corps of Engineers by all vessel operators of record on prescribed forms approved by the Office of Management and Budget for those movements of their vessels which were classified as domestic traffic; namely, between United States ports, continental and noncontiguous, and on the island rivers, canals, and connecting channels of the United States, Puerto Rico, and the Virgin Islands. The reports were generally submitted on the basis of a vessel movement completed in one direction and, for movements with cargo, the origin and destination of the water transportation of each individual commodity. In compiling the data, the entire movement was included in the year in which the movement was completed even though the shipment may have originated in the preceding year, except that, beginning with calendar year 1961 statistics, a cutoff date of 28 February was established for the processing of reports from vessel operators covering the prior year's completed movements. Hence, reports of movements completed in 1987 but not reported to the Corps of Engineers until after 28 February 1988 will be included in the next year's, 1988, statistics rather than in this publication, while reports of movements completed in 1986 but reported to the Corps after 28 February 1987 are included in this publication.

Sponsored by the Office of Statistical Policy, Office of Management and Budget, a uniform system of classification for freight was developed with cooperation of all Federal agencies engaged in collecting and compiling data on shipping. This classification, the Commodity Classification for Domestic Waterborne Commerce, is used for data on the foreign and domestic commerce presented in these publications, although some minor modifications exist in the foreign data which were necessitated by Bureau of the Census policies and procedures.

The domestic traffic includes all commercial movements between points in the United States, Puerto Rico, and the Virgin Islands. Traffic with the Panama Canal Zone is treated as foreign commerce. Cargo moved for the military agencies in commercial vessels is reported as ordinary commercial cargo; military cargo moved in Department of Defense vessels is omitted from these statistics.

All movements between the United States and foreign countries and between Puerto Rico and Virgin Islands, U.S.A., and foreign countries are classified as foreign traffic. Trade between United States territories and possessions, i.e. Guam, Wake, American Samoa, etc., and foreign countries is excluded.

These data are furnished to the Corps of Engineers by the Bureau of the Census under a working arrangement sponsored by the Office of Statistical Policy, Office of Management and Budget. The data are confined to movements by water, and are reconcilable with published reports of the Bureau of the Census. Shipments of domestic merchandise and re-exports of foreign merchandise are termed exports. The imports include inbound merchandise for direct consumption and entries into custom bonded storage and manufacturing warehouses. Intransit merchandise, defined by the Bureau of the Census as merchandise coming into the United States from a foreign country and shipped to a foreign country without having been entered as an import, is treated as an import when unloaded from a vessel and as an export when loaded on a vessel. Export shipments for use of the United States Armed Forces abroad are excluded from the statistics as are import shipments on Department of Defense owned and operated vessels. Foreign trade data of territories and possessions other than Puerto Rico and the Virgin Islands, which are under the jurisdiction of the Department of the Interior, were not furnished to the Corps of Engineers by the Bureau of the Census and are excluded from the statistics of both agencies.

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 commodity code 9999, "Department of Defense Controlled Cargo and Special Category Items."

The 1987 statistics on waterborne exports of domestic and foreign merchandise and non-Department of Defense shipments of Special Category commodities reflect fully compiled data for shipments to Canada individually valued at \$2,000 and over combined with estimated data for shipments valued \$251-\$1,999, based on a 10-percent sample of such shipments. For countries other than Canada, the export statistics reflect fully compiled data for shipments valued \$1,000 and over combined with estimated data for shipments valued \$251-\$999, based on a 50-percent sample of such shipments. Data on export shipments valued under \$251 are excluded from this report.

Import statistics for 1987 exclude data on shipments valued \$250 and under reported on both formal and informal entries. Informal entries generally contain items valued not more than \$250.

Foreign trade data furnished by Census are based on reports processed for Census' monthly data January through December and represent statistical year rather than calendar year data.

Combination of the net domestic traffic (originating commodity movements) with the foreign traffic (imports and exports) provides the net total tons of the waterborne commerce of the United States. In summarizing the domestic commerce to obtain the net lading of rail cars moved on car-ferries; cargo on general ferries; Government materials moved by water in connection with waterway improvements and maintenance; and coal and petroleum products loaded from shore facilities directly into bunkers of vessels for fuel were excluded. (There are certain, so-called car-ferry operations which are not considered in the ferry category; rail-car carriers on the Great Lakes which operate under Part III of the Interstate Commerce Act; and rail-car carriers between points in the contiguous 48 States or in Canada on the one hand and Alaska on the other.)

VIII

Waterborne Commerce of the United States, 1987

For Parts 1 through 4, and Section 1 of Part 5, ton-mileage data are computed by the Corps of Engineers to reflect movements on rivers, inland waterways, and waters of the Great Lakes System only. Cargoes of deep-sea vessels - both in the foreign and domestic trades - are included only for that portion of the voyage that occurred on inland rivers, canals, or connecting channels. Thus, for a movement of commodities from Boston, Massachusetts, to New Orleans, Louisiana, ton-miles are computed for the haul on the Cape Cod Canal - if this canal was transited during the trip - and for the haul on the Mississippi River, the carriage on the ocean and Gulf of Mexico is not taken into account. In Section 3 of Part 5, ton-mileage data are based on the entire haul for the domestic traffic.

TERMS FOR KIND OF TRAFFIC

Imports and exports. These terms apply to traffic between the United States and Foreign ports, including the Canal Zone. Traffic of U.S. Great Lakes ports with Canada is supplemented by the term "Canadian" to differentiate it from overseas traffic.

Coastwise receipts and shipments. These terms apply to 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, Puerto Rico to Hawaii. Traffic between Great Lakes ports and seacoast ports, when having a carriage over the ocean, is also termed "coastwise." The Chesapeake Bay and Puget Sound are considered internal bodies of water rather than arms of the ocean and therefore, traffic confined to these areas is "internal" rather than "coastwise."

Lakewise receipts and shipments. These terms apply to traffic between United States ports on the Great Lakes System. The Great Lakes System is treated as a separate system rather than as a part of the inland system.

Internal receipts and shipments. These terms apply to traffic between ports or landings wherein the entire movement takes place on inland waterways. Also termed internal are movements involving carriage on both inland waterways and waters of the Great Lakes; inland movements that cross short stretches of open waters which link inland systems; marine products, sand and gravel taken directly from beds of the oceans, the Gulf of Mexico and important arms thereof; and movements between offshore installations and inland waterways.

Local. Movements of freight within the confines of a port whether the port has only one or several arms or channels, except car-ferry and general ferry, are termed "local." The term is also applied to marine products, sand, and gravel taken directly from the Great Lakes.

Intraterritory receipts and shipments. These terms apply to traffic between ports in Puerto Rico and the Virgin Islands, U.S.A. which are considered as a single unit.

SECTION 2 of this publication presents on an area-to-area basis the tonnages of principal commodities transported by vessels in the domestic inland waterway trade of the United States. For each commodity, the total for the United States (total of all shipping areas), the total shipped from each shipping area, and the total from each shipping area to each receiving area (destination) are shown in the tables. The origin and destination areas are defined in terms of waterways, incorporating minor tributaries, and in some instances, major ports, which are not susceptible to inclusion in a single waterway. The area designations are designed to avoid disclosure of individual company operations.

These data cover those movements confined to the inland waterways and between the inland waterways and United States ports on the Great Lakes, they combine the totals of internal and local types of traffic as defined above. Collectively, the selected commodities included account for 75.7 percent of the total domestic inland traffic.

SECTION 3 presents the performance of the water carrier industry in terms of ton-miles on a type of service basis and provides detailed data on types of traffic and commodities transported in the domestic trades, also in terms of ton-miles during 1987. Water carriage ton-miles were first compiled and published for 1962. However, somewhat comparable data were released for 1961. The 1961 compilations were made on a carrier (ICC regulated and exempt) basis rather than by type of service; regulated carriers may engage in more than one type of service.

Preparation and publication of these data were sponsored by the Office of Statistical Policy, Office of Management and Budget, in response to numerous requests received from congressional, federal and private agencies.

Ton-miles were computed by the Corps of Engineers based on origin/destination of commodity tonnages reported by vessel operators on Office of Management and Budget approved ENG Form 3925 and related forms; these forms were submitted to the Corps for the compilation of port and waterway statistics published in Parts 1 to 5 of "Waterborne Commerce of the United States." Distance factors used are in statute miles and, for the Coastwise trade, represent mileage on the shortest route that safe navigation permits between ports of origin and destination. The factors for this trade were developed from United States Coast and Geodetic Surveys, "Distance Between United States Ports," and United States Navy Hydrographic Offices, "Table of Distances Between Ports." For rivers and inland waterways, distance factors were developed from waterway survey maps and records of the Corps of Engineers and are based on the actual routes reported by vessel operators on the reporting forms.

Type of service (carriage) is based on information supplied by vessel operators on the reporting forms, which were modified for the 1962 statistics to obtain this information. Categories of service are: (1) Regulated, which is common and contract carriage subject to economic regulation by the Interstate Commerce Commission. (2) Exempt, for hire, carriage which is exempt from regulation by the Commission because of specific provisions in Part III, Interstate Commerce Act. (3) Private, which represents the movement of the property of the water carrier in the vessels it operates; this category is also exempt from regulation by the Commission.

The commodities are listed in terms of the Commodity Classification for Domestic Waterborne Commerce used in all 5 parts of the Corps of Engineers' annual publication, "Waterborne Commerce of the United States." Types of traffic are also the same as those reported and defined above. Both traffic and commodity ton-miles in this section bear a direct relationship to the corresponding tonnages reported in Table 2 of Section 1, consequently, the ton-mile data herein are based on the same February 28 cutoff date used in the compilation of the tonnage data.

Total ton-miles for all types of traffic shown in Table 1 of this section are considerably higher than the total shown in Table 6 of Section 1. The difference is entirely in Coastwise traffic, since the total distance, both inland and ocean, was used in developing data presented in this section, whereas only the inland portion is included in tables comprising Section 1. Both of these tables include ton-miles for the foreign trade of the U.S. in U.S. flag as well as foreign flag vessels; however, the computation is limited to the distance transported on the Great Lakes between the head of the Lakes at Duluth/Superior and the international boundary at St. Regis, Quebec, Canada, and on the inland waterways of the U.S. and the entrance channels to U.S. coastal ports; this foreign traffic is not subject to economic regulation by the Interstate Commerce Commission.

All totals of both columns and rows, all averages, and all percentages are based on figures before rounding to thousands. Hence, slight differences appear between the totals shown in the sum of the rounded figures in columns and rows, in the percentages, and in the average hauls when compared with the quotients derived by dividing the ton-miles by the rounded or unrounded tons shown in either this section or in Section 1.

COMMODITY CLASSIFICATION FOR DOMESTIC WATERBORNE COMMERCE

NOTE: The commodity descriptions used in the statistical tables in this publication are abbreviated to conserve printing space of the following commodities:

Code No.	Item Name	Code No.	Item Name
Group 01-Farm Products		Group 20-Food and Kindred Products	
0101	Cotton, raw	2034	Vegetables and preparations, canned and otherwise prepared and preserved
0102	Barley and rye	2039	Fruits, and fruit and vegetable juices, canned and otherwise prepared or preserved
0103	Corn	2041	Wheat flour and semolina
0104	Oats	2042	Animal feeds
0105	Rice	2049	Grain mill products, not elsewhere classified
0106	Sorghum Grains	2061	Sugar
0107	Wheat	2062	Molasses
0111	Soybeans	2081	Alcoholic beverages
0112	Flaxseed	2091	Vegetable oils, all grades; margarine and shortening
0119	Oilseeds, not elsewhere classified	2092	Animal oils and fats, not elsewhere classified, including marine
0121	Tobacco, leaf	2096	Groceries
0122	Hay and Fodder	2095	Ice
0129	Field crops, not elsewhere classified	2099	Miscellaneous food products
0131	Fresh fruits		Group 21-Tobacco Products
0132	Bananas and plantains	2111	Tobacco manufactures
0133	Coffee, green and roasted (including instant)		Group 22-Basic Textiles
0134	Cocoa beans	2211	Basic textile products, except textile fibers
0141	Fresh and frozen vegetables	2212	Textile fibers not elsewhere classified
0151	Live animals (livestock) except zoo animals, cats, dogs, etc.		Group 23-Apparel and Other Finished Textile Products Including Knit
0161	Animals and animal products, not elsewhere classified	2311	Apparel and other finished textile products, including knit
0191	Miscellaneous farm products		Group 24-Lumber and Wood Products Except Furniture
	Group 08-Forest Products	2411	Logs
0841	Crude rubber and allied gums	2412	Skidded logs
0861	Forest products, not elsewhere classified	2413	Fuel wood, charcoal, and wastes
	Group 09-Fresh Fish and Other Marine Products	2414	Timber, posts, poles, piling, and other wood in the rough
0911	Fresh fish, except shellfish	2415	Pulpwood, log
0912	Shellfish, except prepared or preserved	2416	Wood chips, staves, moldings, and excelsior
0913	Menhaden	2421	Lumber
0931	Marine shells, unmanufactured	2431	Veneer, plywood, and other worked wood
	Group 10-Metallic Ores	2491	Wood manufactures, not elsewhere classified
1011	Iron ore and concentrates		Group 25-Furniture and Fixtures
1021	Copper ore and concentrates	2511	Furniture and fixtures
1051	Bauxite and other aluminum ores and concentrates		Group 26-Pulp, Paper and Allied Products
1061	Manganese ores and concentrates	2611	Pulp
1091	Nonferrous metal ores and concentrates, not elsewhere classified	2621	Standard newsprint paper
	Group 11-Coal	2631	Paper and paperboard
1121	Coal and lignite	2691	Pulp, paper and paperboard products, not elsewhere classified
	Group 13-Crude Petroleum		Group 27-Printed Matter
1311	Crude petroleum	2711	Printed matter
	Group 14-Nonmetallic Minerals, Except Fuels		Group 28-Chemicals and Allied Products
1411	Limestone flux and calcareous stone	2810	Sodium hydroxide (caustic soda)
1412	Building stone, unworked	2811	Crude products from coal tar, petroleum, and natural gas, except benzene and toluene
1442	Sand, gravel and crushed rock	2812	Dyes, organic pigment, dyeing and tanning materials
1451	Clay, ceramic and refractory materials	2813	Alcohols
1471	Phosphate rock	2816	Radioactive and associated materials, including wastes
1479	Natural fertilizer materials, not elsewhere classified	2817	Benzene and toluene, crude and commercially pure
1491	Salt	2818	Sulphuric acid
1492	Sulphur, dry	2819	Basic chemicals and basic chemical products, not elsewhere classified
1493	Sulphur, liquid	2821	Plastic materials, regenerated cellulose and synthetic resins, including film, sheeting, and laminates
1494	Gypsum, crude and plasters	2822	Synthetic rubber
1499	Nonmetallic minerals, except fuels, not elsewhere classified	2823	Synthetic (man-made) fiber
	Group 19-Ordinance and Accessories	2831	Drugs (biological products, medicinal chemicals, botanical products and pharmaceutical preparations)
1911	Ordinance and accessories	2841	Soap, detergents, and cleaning preparations; perfumes, cosmetics, and other toilet preparations
	Group 20-Food and Kindred Products	2851	Paints, varnishes, lacquers, enamels, and allied products
2011	Meat, fresh, chilled, or frozen	2861	Gum and wood chemicals
2012	Meat and meat products prepared or preserved, including canned meat products	2871	Nitrogenous chemical fertilizers, except mixtures
2014	Tallow, animal fats and oils	2872	Potassic chemical fertilizers, except mixtures
2015	Animal by-products, not elsewhere classified	2873	Phosphatic chemical fertilizers, except mixtures
2021	Dairy products, except dried milk and cream		
2022	Dried milk and cream		
2031	Fish and fish products, including shellfish, prepared or preserved		

Code No.	Item Name	Code No.	Item Name
	Group 28-Chemicals and Allied Products		Group 34-Fabricated Metal Products, Except Ordnance, Machinery and Transportation Equipment
2876	Insecticides, fungicides, pesticides, and disinfectants		
2879	Fertilizers and fertilizer materials, not elsewhere classified	3411	Fabricated metal products, except ordnance, machinery, and transportation equipment
2891	Miscellaneous chemical products		Group 35-Machinery, Except Electrical
	Group 29-Petroleum and Coal Products	3511	Machinery, except electrical
2911	Gasoline, including natural gasoline		Group 36-Electrical Machinery, Equipment and Supplies
2912	Jet fuel		
2913	Kerosene	3611	Electrical machinery equipment and supplies
2914	Distillate fuel oil		Group 37-Transportation Equipment
2915	Residual fuel oil		
2916	Lubricating oils and greases	3711	Motor vehicles, parts and equipment
2917	Naphtha, mineral spirits, solvents, not elsewhere classified	3721	Aircraft and parts
2918	Asphalt, tar, and pitches	3731	Ships and boats
2920	Coke, including petroleum coke	3791	Miscellaneous transportation equipment
2921	Liquefied petroleum gases, coal gases, natural gas, and natural gas liquids		Group 38-Instruments, Photographic and Optical Goods, Watches and Clocks
2951	Asphalt building materials		
2991	Petroleum and coal products, not elsewhere classified	3811	Instruments, photographic and optical goods, watches and clocks
	Group 30-Rubber and Miscellaneous Plastic Products		Group 39-Miscellaneous Products of Manufacturing
3011	Rubber and miscellaneous plastic products		
	Group 31-Leather and Leather Products	3911	Miscellaneous products of manufacturing
3111	Leather and leather products		Group 40-Waste and Scrap Materials
	Group 32-Stone, Clay, Glass and Concrete Products	4011	Iron and steel scrap
3211	Glass and glass products	4012	Nonferrous metal scrap
3241	Building cement	4022	Textile waste, scrap, and sweepings
3251	Structural clay products, including refractories	4024	Paper waste and scrap
3271	Lime	4029	Waste and scrap, not elsewhere classified
3281	Cut stone and stone products		Group 41-Special Items
3291	Miscellaneous nonmetallic mineral products	4111	Water
	Group 33-Primary Metal Products	4112	Miscellaneous shipments not identifiable by commodity
3311	Pig iron	4113	LCL freight
3312	Slag	4118	Materials used in waterway improvement, Government materials
3313	Coke (coal and petroleum), petroleum pitches and asphalts, and naphtha and solvents	4119	Empty containers
3314	Iron and steel ingots, and other primary forms, including blanks for tube and pipe, and sponge iron	9999*	Department of Defense controlled cargo and special category items
3315	Iron and steel bars, rods, angles, shapes and sections, including sheet piling		
3316	Iron and steel plates and sheets		
3317	Iron and steel pipe and tube		
3318	Ferrous alloys		
3319	Primary iron and steel products, not elsewhere classified including castings in the rough		
3321	Nonferrous metals primary smelter product, basic shapes, wire castings and forgings, except copper, lead, zinc and aluminum		
3322	Copper and copper alloys, whether or not refined, unworked		
3323	Lead and zinc including alloys, unworked		
3324	Aluminum and aluminum alloys, unworked		

*Cargoes exported on Department of Defense controlled vessels (other than goods for the use of U.S. Armed Forces abroad) and non-Department of Defense shipments of military component items (abbreviated SCI) for which commodity detail is not furnished to the Corps of Engineers.

Section 1
NATIONAL SUMMARIES

SUMMARY

3

PRINCIPAL COMMODITIES IN WATERBORNE COMMERCE Millions of Tons

	Total Commerce Foreign & Domestic		Foreign Commerce		Domestic Commerce	
	1987	% Change	1987	% Change	1987	% Change
Chemicals	138.4	+ 7.2	68.2	+ 7.6	70.2	+ 6.8
Coal and coke	293.4	- 4.4	97.8	- 7.1	195.6	- 3.0
Grains	135.1	+33.6	89.0	+36.1	46.1	+29.1
Iron Ore, iron and steel	110.1	+ 4.1	50.5	- 4.0	59.6	+12.0
Logs and Lumber	55.2	+ 7.2	32.4	+12.9	22.8	0
Petroleum and products	825.6	+ 4.2	350.3	+ 6.0	475.3	+ 2.9
Sand, gravel and stone	101.6	+ 8.7	9.7	+16.9	91.9	+ 7.9
All other commodities	308.1	+ 4.8	193.1	+ 5.6	115.0	+ 3.5
TOTAL TONNAGE	1967.5	+ 5.0	891.0	+ 6.4	1076.5	+ 3.8

Commodity codes included in each group are given below:

Chemicals - 1471, 1479, 2810-2813, 2816-2819, 2821, 2831, 2841, 2851, 2861, 2871-2873, 2876, 2879 & 2891.

Coal and Coke - 1121, 3313 & 2910.

Grains - 0102-0107.

Iron Ore, Iron and Steel - 1011, 3311, 3314-3317, 3319 & 4011.

Logs and Lumber - 0861, 2411-2416, 2421, 2431 & 2491.

Petroleum and Products - 1311, 2911-2918, 2921 & 2991.

Sand, Gravel and Stone - 1411, 1412, 1442 & 3281.

All other commodities - All other codes.

TOTAL UNITED STATES WATERBORNE TRAFFIC
Millions of Tons

<u>CATEGORY</u>	<u>1986</u>	<u>1987</u>	<u>% Change</u>
GRAND TOTAL Tons	1874.4	1967.5	+ 5.0
TOTAL Domestic Tons	1037.2	1076.5	+ 3.8
Coastwise	308.0	323.5	+ 5.0
Lakewise	87.4	96.5	+10.4
Internal	560.5	569.8*	+ 1.7
Local	77.4	82.0	+ 5.9
Intraterritory	4.0	4.7	+17.5
TOTAL Foreign Tons	837.2	891.0	+ 6.4
Imports	486.1	507.7	+ 4.4
Exports	351.2	383.3	+ 9.1

Billions of Ton-Miles

GRAND TOTAL Ton-Miles	944.9	968.4	+ 2.5
TOTAL Domestic Ton-Miles	873.4	895.4	+ 2.5
Coastwise	580.9	586.8	+ 1.0
Lakewise	43.2	50.1	+16.0
Internal	248.1	257.3	+ 3.7
Local	1.2	1.2	0
TOTAL Foreign Ton-Miles	71.5	73.0	+ 2.1

SUMMARY OF BARGE TRAFFIC
Millions of Tons

<u>TRAFFIC</u>	<u>1986</u>	<u>1987</u>	<u>% Change</u>
Coastwise	87.4	87.5	+ 0.1
Lakewise	4.2	4.0	- 4.8
Internal	532.1	542.8	+ 2.0
Local	69.5	74.5	+ 7.2
Intraterritory	3.8	4.6	+21.1
TOTAL	697.2	713.4	+ 2.3

* All-time high

NATIONAL SUMMARIES

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TABLE 1--NET TOTAL WATERBORNE COMMERCE OF THE UNITED STATES, CALENDAR YEARS 1947-1987

(IN TONS OF 2,000 POUNDS)

YEAR	FOREIGN AND DOMESTIC, TOTAL	FOREIGN TOTAL	DOMESTIC TOTAL
1947	766,816,730	188,256,115	578,560,615
1948	793,200,465	162,971,591	630,228,874
1949	740,720,971	165,358,281	575,362,690
1950	820,583,571	169,224,695	651,358,876
1951	924,128,411	232,055,832	692,072,579
1952	887,721,984	227,326,277	660,395,707
1953	923,547,693	217,396,489	706,151,204
1954	867,640,207	213,844,290	653,795,917
1955	1,016,135,705	271,102,932	745,032,853
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	1,173,756,964	385,658,999	788,107,965
1964	1,236,093,573	421,925,133	814,168,440
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	1,395,639,450	507,950,002	887,689,448
1969	1,448,711,541	521,312,362	927,399,179
1970	1,531,696,507	540,969,133	990,727,374
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	1,786,434,822	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

TABLE 1A--FOREIGN COMMERCE OF THE UNITED STATES, CALENDAR YEARS 1947-1987

(IN TONS OF 2,000 POUNDS)

YEAR	IMPORTS				EXPORTS				
	TOTAL	COASTAL PORTS	GREAT LAKES PORTS		TOTAL	COASTAL PORTS	GREAT LAKES PORTS		
			CANADIAN	OVERSEAS			CANADIAN	OVERSEAS	OTHER*
1947	62,162,169	57,365,892	4,773,223	23,054	126,093,946	101,995,508	24,054,718	43,720	-----
1948	72,297,097	68,077,704	4,172,628	46,765	90,674,494	65,403,800	25,227,288	43,006	-----
1949	81,992,016	77,153,266	4,774,784	63,966	83,366,265	65,739,775	17,552,872	73,618	-----
1950	101,981,918	96,299,288	5,555,427	127,203	67,242,777	43,640,100	23,498,355	84,874	19,448
1951	108,747,297	101,812,769	6,827,294	107,234	123,308,535	97,602,937	25,573,518	103,667	26,413
1952	115,961,025	108,674,301	7,152,087	134,637	111,365,252	65,072,313	26,129,081	114,679	49,179
1953	127,981,407	120,594,892	7,056,629	329,866	89,415,082	63,780,288	25,415,354	160,663	56,777
1954	129,423,809	123,503,218	5,748,884	171,707	84,420,481	65,243,997	18,928,696	209,587	38,201
1955	152,956,947	144,276,212	8,434,125	246,610	118,145,985	95,404,261	22,399,779	286,371	53,574
1956	174,214,360	163,348,893	10,572,643	292,824	152,475,429	126,448,189	25,710,863	281,334	35,043
1957	186,351,843	176,235,956	9,885,526	230,361	172,187,707	146,889,737	24,983,574	288,273	26,123
1958	189,484,551	181,480,343	7,656,590	347,618	119,366,247	101,554,806	17,429,825	360,159	21,457
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	21,584
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	25,269,404	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	197,013,871	168,579,691	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	6,339,294	-----
1970	339,539,772	312,933,563	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	19,861,084	6,286,758	232,415,232	197,430,045	25,352,496	9,632,291	-----
1973	490,086,015	461,828,145	29,988,904	5,270,966	277,305,888	238,807,467	28,435,708	10,062,713	-----
1974	497,282,811	473,990,012	19,027,378	4,315,423	266,806,094	238,686,754	23,342,970	4,776,370	-----
1975	476,572,516	455,117,218	18,121,866	3,333,432	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	28,050,640	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	13,414,295	2,101,050	403,882,879	358,805,981	37,216,568	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	6,643,283	-----
1985	412,687,350	395,577,007	11,916,969	5,193,374	361,635,933	327,425,820	27,727,141	6,482,968	-----
1986	486,073,464	472,230,980	9,597,584	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	-----

* DEPARTMENT OF DEFENSE CONTROLLED CARGO AND SPECIAL CATEGORY COMMODITIES FOR WHICH BREAKDOWN BY CANADIAN AND OVERSEAS IS NOT AVAILABLE PRIOR TO 1960.

Waterborne Commerce of the United States, 1987

TABLE 18--DOMESTIC COMMERCE OF THE UNITED STATES, CALENDAR YEAR 1947-1987

(IN TONS OF 2,000 POUNDS)

YEAR	TOTAL	COASTWISE	LAKEMISE	INTERNAL	INTRAPORT	LOCAL	INTRATERRITORY
1947	578,560,615	153,098,204	163,180,337	149,614,401	57,410,575	55,257,098	*
1948	630,228,874	174,080,850	172,490,721	169,697,866	58,944,696	55,014,741	*
1949	575,362,690	161,430,662	145,591,636	165,702,829	48,323,356	54,314,207	*
1950	651,358,876	182,543,761	169,880,810	190,788,910	51,703,560	55,202,362	1,239,473
1951	692,072,579	186,759,124	178,463,212	213,404,964	50,952,725	61,075,892	1,416,662
1952	660,395,707	184,207,006	154,112,031	216,644,304	49,182,353	54,790,101	1,459,832
1953	706,151,204	186,757,641	188,621,385	224,957,448	47,902,038	54,659,693	1,252,999
1954	653,795,917	187,239,830	145,364,309	217,061,457	48,040,411	54,678,958	1,410,952
1955	745,032,853	195,717,548	184,808,588	249,693,298	52,900,516	59,962,096	1,950,807
1956	766,223,135	205,910,228	173,990,656	269,734,055	53,064,701	61,298,859	2,224,636
1957	772,861,884	196,418,553	182,150,309	281,065,531	50,188,261	60,636,183	2,403,047
1958	695,664,978	194,050,174	132,288,549	261,068,849	48,882,176	56,542,798	2,632,432
1959	726,732,163	205,509,011	131,220,380	282,268,792	49,683,204	57,063,392	**987,380
1960	760,573,156	209,196,823	155,109,237	291,056,655	49,471,054	54,722,392	1,016,995
1961	732,825,364	206,899,377	136,841,146	294,052,123	43,197,871	50,731,199	1,103,648
1962	770,805,345	215,460,882	135,743,781	316,061,877	47,918,437	54,358,792	1,261,576
1963	788,107,965	213,853,293	141,741,152	331,902,484	45,575,094	53,405,530	1,630,412
1964	816,166,440	205,687,985	151,404,618	357,916,216	43,007,165	56,572,257	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	153,596,884	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	1,618,336
1969	927,399,179	216,707,773	160,843,835	460,944,875	***	87,536,483	1,366,213
1970	950,727,374	236,440,385	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	150,620,831	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	236,278,824	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	1,080,312,685	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	321,949,988	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	96,463,652	569,826,970	***	81,951,080	4,698,196

* INCLUDED IN OTHER TYPES OF DOMESTIC TRAFFIC.

** BEGINNING WITH 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.

*** INCLUDED IN LOCAL.

NATIONAL SUMMARIES

TABLE 2--SUMMARY OF FOREIGN AND DOMESTIC WATERBORNE COMMERCE, BY TYPE OF TRAFFIC AND COMMODITY, CALENDAR YEAR 1987
(NET TRAFFIC IN TONS OF 2,000 POUNDS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC					
		IMPORTS	EXPORTS	TOTAL	COASTWISE	LAKEWISE	INTERNAL	LOCAL	INTRA-TERRITORY
TOTAL, ALL COMMODITIES-----	1,967,459,861	507,704,274	383,275,771	1,076,479,816	323,518,318	96,483,652	569,828,570	81,951,080	4,698,196
FARM PRODUCTS									
0101 COTTON, RAW-----	1,521,520	933	1,512,699	7,888	3,378	-----	4,510	-----	-----
0102 BARLEY AND RYE-----	4,177,013	61,924	3,349,875	765,214	111	-----	765,103	-----	-----
0103 CORN-----	75,024,114	31,186	43,646,975	31,345,953	185,263	-----	31,179,206	1,484	-----
0104 OATS-----	590,768	372,144	4,369	214,255	3,526	-----	210,729	-----	-----
0105 RICE-----	3,905,274	100,139	2,693,037	1,111,803	90,018	-----	1,021,785	-----	-----
0106 SORGHUM GRAINS-----	6,873,013	-----	4,909,709	1,968,304	4,195	-----	1,964,109	-----	-----
0107 WHEAT-----	44,478,046	54,414	33,751,957	10,671,675	210,353	-----	589,021	15,158	-----
0111 SOYBEANS-----	41,228,434	37	23,145,479	18,082,916	3,446	-----	18,069,559	9,913	-----
0112 FLAXSEED-----	100	-----	-----	100	-----	-----	-----	-----	-----
0119 OILSEEDS, NEC-----	512,740	27,091	453,772	31,877	1,435	-----	30,442	-----	-----
0121 TOBACCO, LEAF-----	476,130	229,689	243,986	2,455	2,455	-----	-----	-----	-----
0122 HAY AND FODDER-----	28,368	-----	-----	28,368	3,685	-----	24,683	-----	-----
0129 FIELD CROPS, NEC-----	250,604	449,414	122,680	63,510	11,047	-----	52,355	108	-----
0131 FRESH FRUITS-----	1,815,654	168,254	1,289,306	358,096	357,728	-----	366	-----	2
0132 BANANAS AND PLANTAINS-----	3,540,217	3,526,501	1,487	12,229	12,229	-----	-----	-----	-----
0133 COFFEE-----	1,315,908	1,202,611	58,449	54,846	54,846	-----	-----	-----	2
0134 COCOA BEANS-----	304,650	294,133	6,006	4,511	4,511	-----	-----	-----	-----
0141 FRESH AND FROZEN VEGETABLES-----	1,256,942	205,433	702,920	346,589	325,518	-----	927	22,144	-----
0151 LIVE ANIMALS-----	84,300	260	12,247	71,793	71,793	-----	-----	-----	-----
0161 ANIMALS AND PRODUCTS, NEC-----	276,409	127,259	128,264	20,886	18,650	-----	2,235	-----	-----
0191 MISCELLANEOUS FARM PRODUCTS-----	92,975	45,566	24,113	23,296	20,609	-----	2,674	-----	11
FOREST PRODUCTS									
0841 CRUDE RUBBER AND ALLIED GUMS--	1,229,458	1,213,021	15,366	1,071	1,071	-----	-----	-----	-----
0861 FOREST PRODUCTS, NEC-----	292,038	150,414	37,892	103,732	16,594	-----	87,138	-----	-----
FRESH FISH & OTHER MARINE PRODUCTS									
0911 FRESH FISH, EXCEPT SHELLFISH--	1,776,149	599,465	279,555	897,129	71,294	-----	173	822,574	2,048
0912 SHELLFISH, EXCEPT PREPARED--	802,234	240,591	58,008	503,637	9,992	-----	-----	445,981	47,664
0913 MENHADEN-----	24	-----	-----	24	-----	-----	-----	22	2
0931 MARINE SHELLS, UNMANUFACTURED--	3,890,410	2,938	8,971	3,878,501	937	-----	-----	3,877,162	402
METALLIC ORES									
1011 IRON ORE AND CONCENTRATES-----	74,028,721	17,947,217	5,774,063	50,307,441	-----	396	48,204,462	1,851,605	250,978
1021 COPPER ORE AND CONCENTRATES-----	532,628	62	46,139	66,827	-----	-----	66,827	-----	-----
1051 ALUMINUM ORES, CONCENTRATES--	16,681,557	15,086,769	1,313,861	280,927	-----	-----	-----	280,927	-----
1061 MANGANESE ORES, CONCENTRATES--	686,462	337,899	6,095	340,468	-----	336	500	330,232	1,400
1091 NONFERROUS ORES, CONCENT., NEC--	3,040,320	1,837,646	763,829	438,845	-----	2,849	-----	435,966	-----
COAL									
1121 COAL AND LIGNITE-----	271,340,997	1,311,257	79,402,989	190,626,751	11,230,386	-----	17,763,871	157,868,406	3,764,088
CRUDE PETROLEUM									
1311 CRUDE PETROLEUM-----	440,996,461	237,713,530	173,830	203,109,101	159,560,994	-----	2,528	41,035,993	2,503,246
NONMETALLIC MINERALS, EXCEPT FUELS									
1411 LIMESTONE-----	30,583,367	627,257	3,137,396	26,818,714	-----	2,882	21,234,747	5,571,164	9,921
1412 BUILDING STONE, UNWORKED-----	43,883	-----	42,770	1,107	-----	-----	-----	-----	-----
1445 SAND, GRAVEL, CRUSHED ROCK-----	70,316,805	3,815,943	1,450,310	65,045,552	2,382,540	-----	572,322	50,019,283	8,088,844
1451 CLAY-----	5,393,520	2,124,202	2,374,008	895,310	8,277	-----	25,402	800,926	60,505
1471 PHOSPHATE ROCK-----	16,138,825	548,964	9,091,330	6,498,531	6,444,023	-----	54,508	-----	-----
1479 NATURAL FERTILIZER MATS, NEC--	27,188	22,919	-----	4,269	-----	-----	-----	4,269	-----
1491 SALT-----	5,878,873	5,322,290	556,583	*	*	-----	*	*	*
1492 SULPHUR, DRY-----	2,332,146	-----	2,304,558	27,268	27,288	-----	-----	-----	-----
1493 SULPHUR, LIQUID-----	6,623,686	-----	-----	6,623,686	3,724,670	-----	-----	2,899,016	89,954
1494 GYPSUM, CRUDE AND PLASTERS-----	11,144,665	9,619,976	41,341	1,483,248	16,953	-----	1,060,126	405,169	-----
1499 NONMETALLIC MINERALS, NEC-----	6,888,257	1,242,955	687,045	4,958,257	119,211	-----	811,724	3,962,533	64,669
ORDNANCE & ACCESSORIES									
1911 ORDNANCE AND ACCESSORIES-----	33,236	25,948	5,865	1,423	1,423	-----	-----	-----	-----
FOOD & KINDRED PRODUCTS									
2011 MEAT, FRESH, CHILLED; FROZEN--	2,043,149	793,799	909,984	359,366	357,512	-----	1,840	-----	5
2012 MEAT AND PRODUCTS, NEC-----	395,667	300,561	30,241	64,865	64,862	-----	-----	-----	3
2014 TALLOW, ANIMAL FATS AND OILS--	1,210,829	-----	1,143,878	66,951	10,216	-----	-----	56,735	-----
2015 ANIMAL BY-PRODUCTS, NEC-----	718,961	14,621	689,737	14,603	3,523	-----	-----	11,060	-----
2021 DAIRY PRODUCTS, NEC-----	256,466	168,257	26,867	61,342	60,265	-----	1,077	-----	-----
2022 DRIED MILK AND CREAM-----	425,491	48,348	349,732	27,411	27,411	-----	-----	-----	-----
2031 FISH AND SHELLFISH, PREPARED--	814,847	349,914	63,904	401,029	396,134	-----	-----	4,869	6
2034 VEGETABLES AND PREP., NEC-----	1,256,822	786,157	186,330	284,335	270,369	-----	897	13,069	-----
2039 PREP FRUIT AND VEG JUICE, NEC--	3,152,285	2,210,093	430,519	511,673	511,595	-----	-----	-----	78
2041 WHEAT FLOUR AND SEMOLINA-----	1,484,535	-----	1,448,275	30,260	-----	-----	-----	32,165	-----
2042 ANIMAL FEEDS-----	20,318,012	383,024	11,209,513	8,725,475	253,406	-----	2,833	8,444,254	24,856
2049 GRAIN MILL PRODUCTS, NEC-----	11,900,063	262,074	6,512,273	5,125,176	72,055	-----	-----	5,053,648	13
2061 SUGAR-----	4,356,749	1,576,108	525,467	2,255,174	1,798,399	-----	-----	456,775	-----
2062 MOLASSES-----	2,297,559	1,091,237	365,841	840,481	178,142	-----	-----	364,176	93,413
2081 ALCOHOLIC BEVERAGES-----	3,062,203	2,354,261	272,086	435,856	435,785	-----	-----	51	20
2091 VEGETABLE OILS, MARG, SHORT--	3,928,285	1,331,143	1,353,222	1,243,920	86,536	-----	-----	1,086,487	72,896
2092 ANIMAL OILS AND FATS, NEC-----	158,568	15,404	124,350	19,754	76	-----	-----	11,062	6,906
2094 GROCERIES-----	477,558	-----	-----	477,558	467,686	-----	184	4,972	121
2095 ICE-----	344,745	238,484	1,608	104,653	178	-----	81	103,718	676
2099 MISCELLANEOUS FOOD PRODUCTS--	3,943,452	1,008,769	1,344,823	1,590,660	1,361,930	-----	13,860	208,969	4,800

* SALT INCLUDED IN NONMETALLIC MINERALS, NEC, TO AVOID DISCLOSURE OF INDIVIDUAL COMPANY OPERATIONS.

Waterborne Commerce of the United States, 1987

TABLE 2--SUMMARY OF FOREIGN AND DOMESTIC WATERBORNE COMMERCE, BY TYPE OF TRAFFIC AND COMMODITY, CALENDAR YEAR 1987--CONTINUED
(NET TRAFFIC IN TONS OF 2,000 POUNDS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC					
		IMPORTS	EXPORTS	TOTAL	COASTWISE	LAKEWISE	INTERNAL	LOCAL	INTRA-TERRITORY
TOBACCO PRODUCTS									
2111 TOBACCO MANUFACTURES-----	229,587	7,596	198,287	23,704	23,704				
BASIC TEXTILES									
2211 BASIC TEXTILE PRODUCTS-----	1,892,207	1,275,790	546,232	70,185	46,371		23,803	4	7
2212 TEXTILE FIBERS, NEC-----	111,257	69,733	26,971	14,553	7,869		6,684		
APPAREL & OTHER FINISHED TEXTILE PRODUCTS, INCLUDING KNIT									
2311 APPAREL-----	1,443,451	1,124,134	66,667	252,650	252,591		7		52
LUMBER & WOOD PRODS., EXC. FURNITURE									
2411 LOGS-----	18,614,225	288,141	17,701,912	624,172	2,180	48	619,291	2,673	
2412 RAFTED LOGS-----	13,391,229			13,391,229	3,150		10,487,836	2,900,258	
2413 FUEL WOOD, CHARCOAL, WASTES--	323,199	162,383	13,388	147,428	16,995		130,433		
2414 TIMBER, POSTS, POLES, PILING--	97,301	6,346	48,112	42,843	2,812	2,680	14,158	3,193	
2415 PULPWOOD, LOG-----	3,572,813	30,831	1,870	3,540,112	350		3,532,762	7,000	
2416 WOOD CHIPS, STAVES, MULDINGS--	8,969,654	436,636	5,228,395	3,304,623	49		3,259,954	44,620	
2421 LUMBER-----	7,187,302	2,415,454	3,397,895	1,373,953	1,319,396	15,408	39,119	26	2
2431 VENEER, PLYWOOD, WORKED WOOD--	1,893,428	1,201,990	546,665	144,773	92,664		3,367	48,228	507
2491 WOOD MANUFACTURES, NEC-----	892,578	377,538	340,960	174,080	164,277	1,034	7,800	984	1
FURNITURE & FIXTURES									
2511 FURNITURE AND FIXTURES-----	1,437,256	1,153,060	65,257	218,939	218,079	8	92		760
PULP, PAPER & ALLIED PRODUCTS									
2611 PULP-----	5,893,346	606,421	4,582,173	704,752	69,015	23,471	612,266		
2621 STANDARD NEWSPRINT PAPER-----	2,576,994	2,039,955	465,237	71,802	10,495	21,279	4,028		
2631 PAPER AND PAPERBOARD-----	6,096,421	1,919,532	3,554,674	622,215	146,641	84,099	391,066	409	
2691 PULP AND PAPER PRODUCTS, NEC--	1,713,175	162,539	177,948	1,372,688	174,133		991,322	7,149	84
PRINTED MATTER									
2711 PRINTED MATTER-----	290,715	193,886	75,559	21,270	21,270				
CHEMICALS & ALLIED PRODUCTS									
2810 SODIUM HYDROXIDE-----	5,696,802			5,696,802	1,211,602	9,973	4,257,229	238,038	
2811 CRUDE TAR, OIL, GAS PRODUCTS--	2,322,171	480,574	358,000	1,483,597	52,973	23,069	1,268,062	139,493	
2812 DYES, PIGMENT, TANNING MATS--	22,908		22,908	906	906				
2813 ALCOHOLS-----	7,917,844	1,573,730	1,038,488	5,305,626	694,532		3,902,981	708,113	
2816 RADIOACTIVE MATERIALS, WASTES--	17,981	9,220	6,292	2,469	1,125		1,344		
2817 BENZENE AND TOLUENE-----	7,892,358	807,303	616,930	6,468,125	465,814	38,254	4,467,636	1,492,547	3,874
2818 SULPHURIC ACID-----	2,172,400			2,172,400	109,752		1,539,105	532,540	3
2819 BASIC CHEMICALS AND PROD, NEC--	57,425,848	10,681,030	15,368,578	27,374,260	4,793,408	79,998	20,360,919	2,139,931	4
2821 PLASTIC MATERIALS-----	3,937,142	750,877	3,067,777	118,488	112,909		5,578		1
2822 SYNTHETIC RUBBER-----	481,634	13,322	396,725	71,587	12,998		58,589		
2823 SYNTHETIC (MAN-MADE) FIBERS--	353,694	83,668	265,444	4,582	4,582				
2831 DRUGS-----	220,794	104,699	78,444	37,451	37,419				32
2841 SOAP-----	804,730	153,035	406,896	148,799	142,909		5,715		175
2851 PAINTS-----	597,400	476,321	89,694	31,385	31,224		160		1
2861 GUM AND WOOD CHEMICALS-----	628,110	12,348	195,083	420,679	78,713	5,085	330,251	6,630	
2871 NITROGENOUS CHEM FERTILIZERS--	9,989,634	2,031,190	2,564,183	5,394,261	605,596	37,976	4,701,819	42,870	6,000
2872 POTASSIUM CHEM FERTILIZERS--	6,000,274	2,325,370	2,104,229	1,570,675	135,391	2	1,417,433	17,631	
2873 PHOSPHATIC CHEM FERTILIZERS--	2,980,827	54,357	1,319,264	707,186	192,808		512,460	1,518	
2876 INSECTICIDES, DISINFECTANTS--	254,074	68,389	173,899	11,786	11,704		82		
2879 FERTILIZER AND MATERIALS, NEC--	12,055,499	66,375	5,899,378	5,089,746	1,054,603		5,005,373	29,755	15
2891 MISCELLANEOUS CHEMICAL PROD--	2,343,550	497,383	1,197,461	648,706	272,825		368,500	9,380	1
PETROLEUM & COAL PRODUCTS									
2911 GASOLINE-----	102,941,857	19,837,435	1,777,440	81,326,982	40,643,136	688,813	28,434,771	11,183,155	417,107
2912 KEROSENE-----	10,853,390	3,021,546	1,473,810	10,358,038	5,210,494	25,969	4,384,615	365,187	362,769
2913 GASOLINE-----	2,606,661	77,047	61,190	2,468,424	1,245,132	9,442	841,878	362,594	9,378
2914 DISTILLATE FUEL OIL-----	73,439,360	12,442,854	4,281,073	56,715,453	24,463,670	381,400	18,874,432	12,167,691	828,270
2915 RESIDUAL FUEL OIL-----	140,034,222	41,037,128	12,017,685	90,979,400	28,025,620	395,408	36,104,337	24,177,924	2,276,124
2916 LUBRICATING OILS AND GREASES--	9,518,525	1,469,639	2,195,692	5,854,194	2,765,506	47,377	2,751,227	290,084	
2917 NAPHTHA, PETROLEUM SOLVENTS--	13,636,581	9,947,835	147,703	7,541,045	1,611,517	1,400	4,922,769	1,192,682	642,859
2918 ASPHALT, TAR, AND BITUMENS--	13,167,756	2,208,560	142,805	10,817,191	3,562,735	639,731	5,878,905	735,798	22
2920 COKE, PETROLEUM COKE-----	22,043,754	1,184,031	15,004,572	4,995,151	89	285,875	4,275,830	433,357	
2921 LIQUEFIED GASES-----	5,919,924	2,927,435	1,243,822	1,748,667	354,826	596	1,390,453	2,388	404
2951 ASPHALT BUILDING MATERIALS--	39,676		16,970	22,706	22,687		3		16
2991 PETROLEUM AND COAL PROD, NEC--	4,096,047	59,451	69,297	4,367,299	1,752,878		2,255,227	359,194	
RUBBER & MISC. PLASTIC PRODUCTS									
3011 RUBBER AND MISC PLASTIC PROD--	2,468,714	1,927,052	358,712	182,050	169,928	11,899	149		58
LEATHER & LEATHER PRODUCTS									
3111 LEATHER AND LEATHER PRODUCTS--	985,435	871,528	86,160	27,747	27,701				6
STONE, CLAY, GLASS, & CONCRETE PRO									
3211 GLASS AND GLASS PRODUCTS-----	827,768	492,882	294,500	40,386	34,499		5,884		3
3241 BUILDING CEMENT-----	25,439,901	13,843,482	59,470	11,536,949	1,626,266	2,567,898	6,671,399	669,377	9
3251 STRUCTURAL CLAY PRODUCTS-----	1,101,603	907,272	112,710	81,621	72,089		9,525		7
3271 LIME-----	1,373,813	425	2,429	1,370,959	2,816		1,368,143		
3281 CUT STONE AND STONE PRODUCTS--	637,891	601,725	17,402	18,764	17,405				
3291 MISC NONMETALLIC MINERAL PROD--	1,431,157	835,290	267,321	328,546	166,192	1,041	148,237	4,420	8,656

NATIONAL SUMMARIES

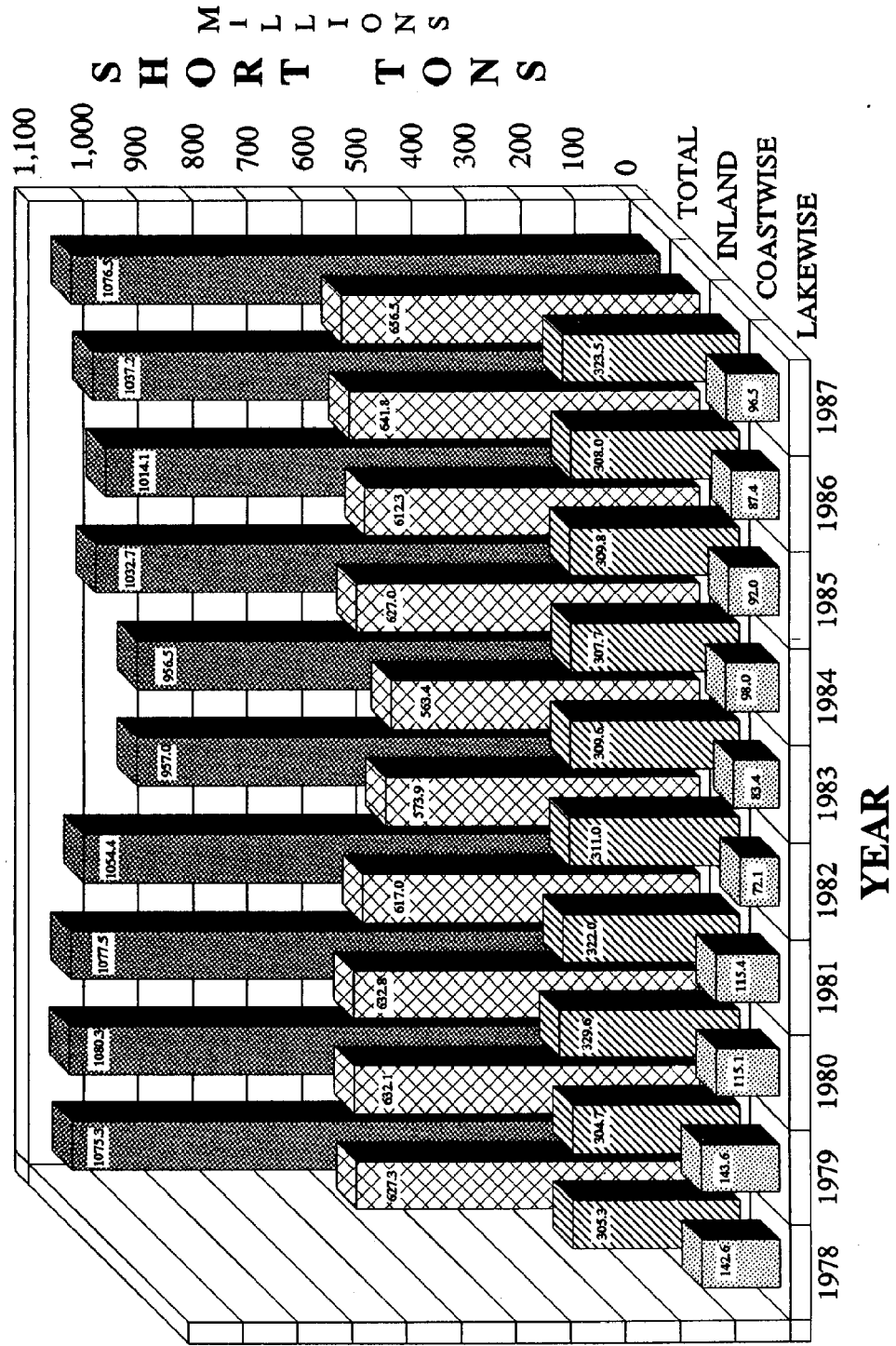
TABLE 2--SUMMARY OF FOREIGN AND DOMESTIC WATERBORNE COMMERCE, BY TYPE OF TRAFFIC AND COMMODITY, CALENDAR YEAR 1987--CONTINUED
(NET TRAFFIC IN TONS OF 2,000 POUNDS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC					
		IMPORTS	EXPORTS	TOTAL	COASTWISE	LAKEWISE	INTERNAL	LOCAL	INTRA-TERRITORY
PRIMARY METAL PRODUCTS									
3311 PIG IRON-----	587,802	368,897	48,625	170,200	202	-----	170,078	-----	-----
3312 SLAG-----	1,494,119	69,547	-----	1,424,572	22,329	655,080	747,163	-----	-----
3313 COKE, PET ASPHALTS, SOLVENTS--	113	-----	-----	113	48	-----	65	-----	-----
3314 IRON AND STEEL PRIMARY FORMS--	3,682,324	2,055,929	31,418	1,586,977	12,395	53,877	1,509,126	11,585	-----
3315 IRON, STEEL SHAPES, ETC. SHEETS--	13,495,551	11,529,975	50,720	1,914,052	69,910	-----	1,839,778	5,163	1
3316 IRON AND STEEL PLATES, SHEETS--	1,114,049	96,632	394,704	620,733	23,454	90	583,386	13,803	-----
3317 IRON AND STEEL PIPE AND TUBE--	3,385,024	2,117,993	119,534	1,147,497	45,748	27	1,095,210	6,503	1
3318 FERROALLOYS-----	2,097,018	1,086,870	74,941	935,207	13,266	-----	914,729	7,212	-----
3319 IRON AND STEEL PRODUCTS, NEC--	808,632	301,265	90,913	416,454	40,256	7,378	368,820	-----	-----
3321 NONFERROUS METALS, NEC-----	268,123	167,051	87,078	13,994	5,090	-----	8,783	120	1
3322 COPPER ALLOYS, UNWORKED-----	719,564	592,672	79,098	47,794	9,777	-----	35,969	2,048	-----
3323 LEAD AND ZINC, UNWORKED-----	518,394	391,885	36,215	86,294	2,003	-----	83,236	1,955	-----
3324 ALUMINUM AND ALLOYS, UNWORKED--	1,213,457	747,753	382,240	83,464	11,392	-----	71,082	1,068	2
FABRICATED METAL PRODUCTS, EXCEP ORDNANCE, MACHINERY, & TRANS. EQUI									
3411 FABRICATED METAL PRODUCTS-----	5,519,675	3,399,604	413,613	1,706,458	1,483,281	72,550	113,920	22,346	14,361
MACHINERY, EXCEPT ELECTRICAL									
3511 MACHINERY, EXCEPT ELECTRICAL--	6,135,468	4,081,598	1,323,405	730,465	246,349	887	474,326	8,799	104
ELECTRICAL MACHINERY, EQUIPMENT & SUPPLIES									
3611 ELECTRICAL MACH AND EQUIP-----	4,033,233	3,211,205	694,582	127,446	120,662	-----	6,174	-----	610
TRANSPORTATION EQUIPMENT									
3711 MOTOR VEHICLES, PARTS, EQUIP--	8,928,192	7,345,302	724,752	858,138	834,931	5,814	16,715	36	642
3721 AIRCRAFT AND PARTS-----	31,350	10,668	17,820	2,862	1,104	-----	1,758	-----	-----
3731 SHIPS AND BOATS-----	151,720	70,830	57,638	23,252	19,944	-----	3,308	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT--	182,344	42,207	44,257	95,880	93,653	-----	2,177	43	7
INSTRUMENTS, PHOTOGRAPHIC & OPTIC GOODS, WATCHES & CLOCKS									
3811 INSTR, TIME, PHOTO, OPT GOODS--	558,448	373,431	149,762	35,255	35,083	-----	158	-----	14
MISC. PRODUCTS OF MANUFACTURING									
3911 MISC MANUFACTURED PRODUCTS-----	3,433,652	1,814,441	69,581	1,529,610	387,856	36	1,141,613	77	28
WASTE & SCRAP MATERIALS									
4011 IRON AND STEEL SCRAP-----	12,948,538	141,990	9,415,234	3,391,314	79,572	2	2,826,606	483,134	-----
4012 NONFERROUS METAL SCRAP-----	1,527,159	629,072	876,524	21,563	10,632	-----	10,930	-----	1
4022 TEXTILE WASTE, SCRAP, SWEEP--	283,224	5,802	272,514	4,908	4,908	-----	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	3,454,930	7,443	3,446,367	1,120	1,056	-----	64	-----	-----
4029 WASTE AND SCRAP, NEC-----	22,763,037	-----	-----	22,763,037	219,153	24	16,890,989	5,652,871	-----
SPECIAL ITEMS									
4111 WATER-----	899,290	-----	-----	899,290	7,850	-----	852,420	39,020	-----
4112 COMMODITIES, NEC-----	5,317,517	483,679	481,641	4,352,197	3,701,560	37,831	194,941	312,643	105,222
4119 EMPTY CONTAINERS-----	63,904	-----	-----	63,904	45,039	3	18,492	370	-----
9999 DEPARTMENT OF DEFENSE AND SCI--	91,649	-----	90,449	1,600	-----	-----	1,600	-----	-----

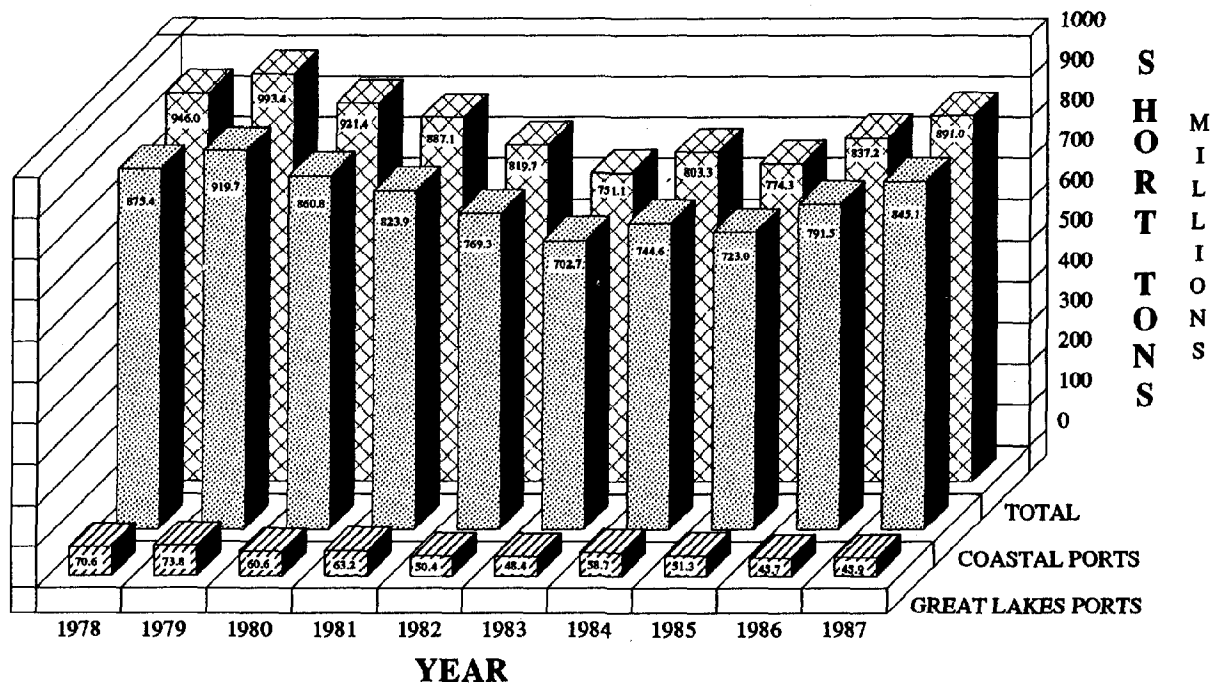
DOMESTIC WATERBORNE COMMERCE OF THE U. S.

BY TYPE OF TRAFFIC

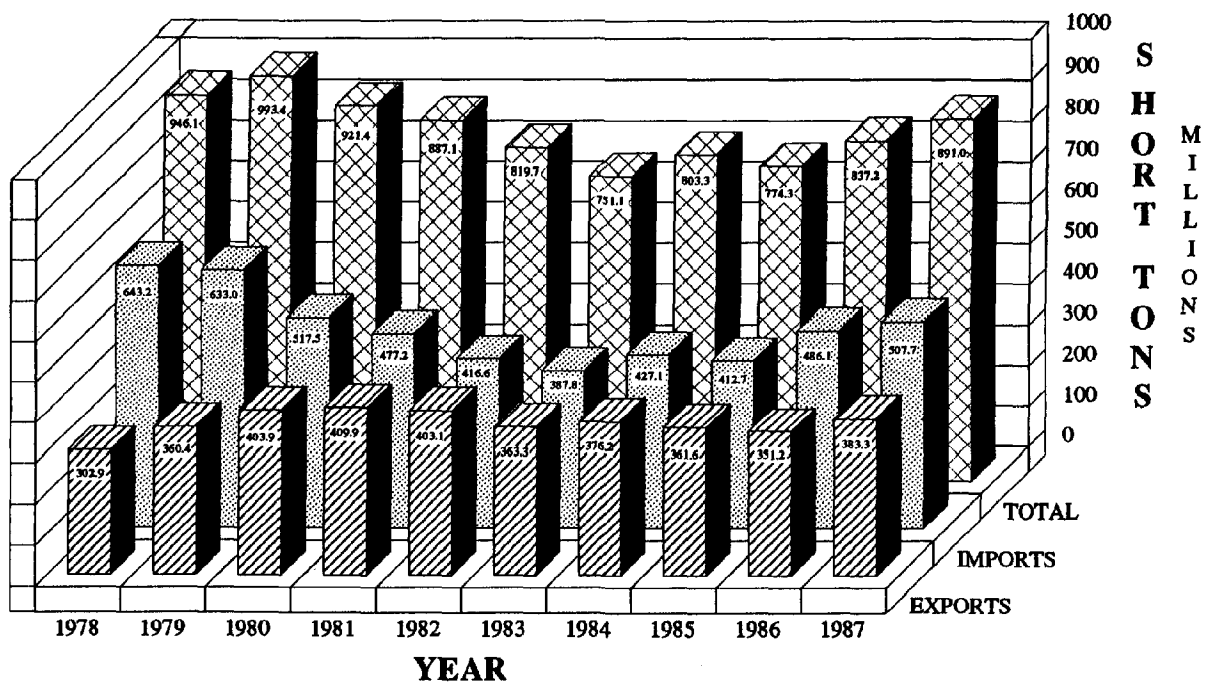
NATIONAL SUMMARIES



**FOREIGN WATERBORNE COMMERCE OF THE UNITED STATES
GREAT LAKES vs. COASTAL PORTS 1978 - 1987**



**FOREIGN WATERBORNE IMPORTS AND EXPORTS
1978 - 1987**

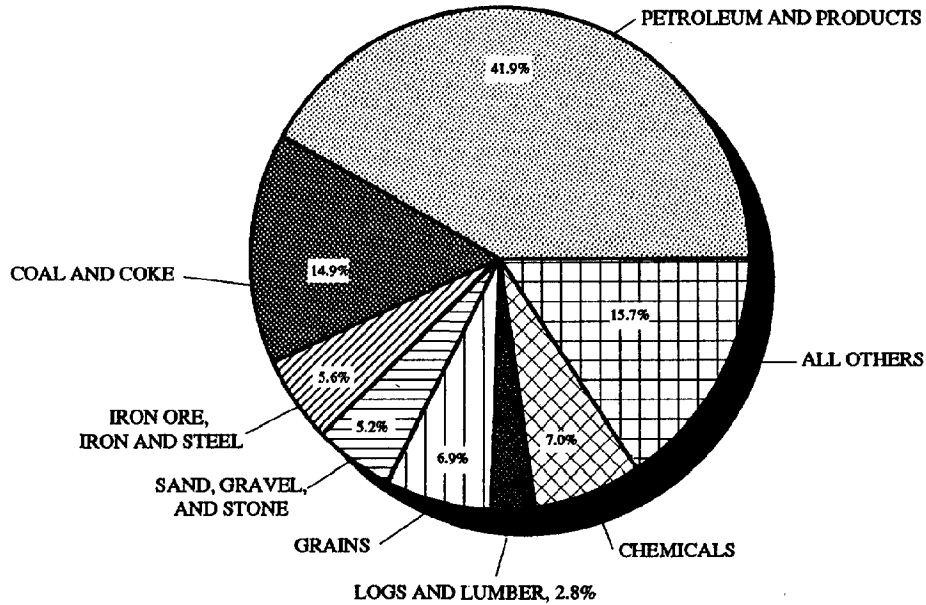


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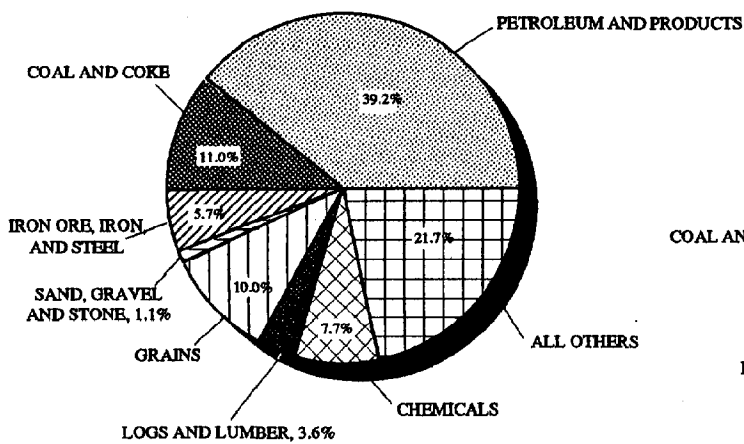
PRINCIPAL COMMODITIES CARRIED BY WATER

CALENDAR YEAR 1987

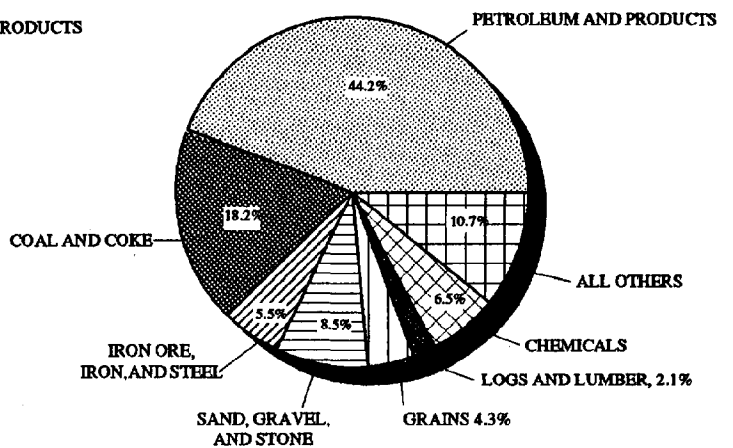
TOTAL COMMERCE



FOREIGN COMMERCE



DOMESTIC COMMERCE



NATIONAL SUMMARIES

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TABLE 2A--SUMMARY OF FOREIGN COMMERCE AT COASTAL PORTS, BY COMMODITY, CALENDAR YEAR 1967
(IN TONS OF 2,000 POUNDS)

COMMODITY	TOTAL	IMPORTS	EXPORTS
TOTAL, ALL COMMODITIES	845,054,674	493,826,182	351,226,492
FARM PRODUCTS			
0101 COTTON, RAW	1,513,632	933	1,512,699
0102 BARLEY AND RYE	2,922,945	54,692	2,868,253
0103 CORN	41,918,940	31,186	41,887,754
0104 OATS	331,952	327,583	4,369
0105 RICE	2,791,879	100,434	2,691,445
0106 SORGHUM GRAINS	4,909,709		4,909,709
0107 WHEAT	31,959,642	7,925	31,951,717
0111 SOYBEANS	22,098,631	37	22,098,594
0119 OILSEEDS, NEC	343,008	23,252	319,756
0121 TOBACCO, LEAF	473,675	229,689	243,986
0129 FIELD CROPS, NEC	178,134	64,313	113,821
0131 FRESH FRUITS	1,457,560	166,254	1,299,306
0132 BANANAS AND PLANTAINS	3,527,988	3,526,501	1,487
0133 COFFEE	1,261,033	1,202,584	58,449
0134 COCOA BEANS	300,139	294,133	6,006
0141 FRESH AND FROZEN VEGETABLES	868,320	205,401	662,919
0151 LIVE ANIMALS	12,507	260	12,247
0161 ANIMALS AND PRODUCTS, NEC	255,357	127,101	128,256
0191 MISCELLANEOUS FARM PRODUCTS	69,674	45,561	24,113
FOREST PRODUCTS			
0841 CRUDE RUBBER AND ALLIED GUMS	1,226,940	1,211,574	15,366
0861 FOREST PRODUCTS, NEC	188,190	150,298	37,892
FRESH FISH & OTHER MARINE PRODUCTS			
0911 FRESH FISH, EXCEPT SHELLFISH	878,522	599,465	279,057
0912 SHELLFISH, EXCEPT PREPARED	298,589	240,581	58,008
0931 MARINE SHELLS, UNMANUFACTURED	11,909	2,938	8,971
METALLIC ORES			
1011 IRON ORE AND CONCENTRATES	14,054,450	14,053,316	1,134
1021 COPPER ORE AND CONCENTRATES	466,201	62	466,139
1051 ALUMINUM ORES, CONCENTRATES	16,361,041	15,047,180	1,313,861
1061 MANGANESE ORES, CONCENTRATES	345,994	337,899	8,095
1091 NONFERROUS ORES, CONCENT, NEC	2,537,429	1,773,600	763,829
COAL			
1121 COAL AND LIGNITE	64,981,604	1,280,285	63,701,319
CRUDE PETROLEUM			
1311 CRUDE PETROLEUM	257,786,963	237,613,133	173,830
NONMETALLIC MINERALS, EXCEPT FUELS			
1411 LIMESTONE	703,559	627,257	76,302
1412 BUILDING STONE, UNWORKED	42,776		42,776
1442 SAND, GRAVEL, CRUSHED ROCK	3,637,620	2,562,600	1,075,020
1451 CLAY	4,371,501	2,113,657	2,257,844
1471 PHOSPHATE ROCK	9,640,294	548,964	9,091,330
1479 NATURAL FERTILIZER MATS, NEC	22,919	22,919	
1491 SALT	4,265,782	3,947,266	318,516
1492 SULPHUR, DRY	2,304,858		2,304,858
1494 GYPSUM, CRUDE AND PLASTERS	9,661,417	9,619,976	41,441
1499 NONMETALLIC MINERALS, NEC	1,836,009	1,155,633	680,376
ORDNANCE & ACCESSORIES			
1911 ORDNANCE AND ACCESSORIES	31,790	25,925	5,865
FOOD & KINDRED PRODUCTS			
2011 MEAT, FRESH, CHILLED, FROZEN	1,783,783	793,799	909,984
2012 MEAT AND PRODUCTS, NEC	330,762	300,521	30,241
2014 TALLOW, ANIMAL FATS AND OILS	1,124,206		1,124,206
2015 ANIMAL BY-PRODUCTS, NEC	704,358	14,621	689,737
2021 DAIRY PRODUCTS, NEC	195,124	166,257	28,867
2022 DRIED MILK AND CREAM	365,466	48,348	317,118
2031 FISH AND SHELLFISH, PREPARED	413,593	349,618	63,775
2034 VEGETABLES AND PREP, NEC	972,261	785,991	186,270
2039 PREP FRUIT AND VEG JUICE, NEC	2,637,821	2,207,302	430,519
2041 WHEAT FLOUR AND SEMOLINA	1,421,408		1,421,408
2042 ANIMAL FEEDS	11,576,906	381,278	11,195,628
2049 GRAIN MILL PRODUCTS, NEC	6,693,390	261,207	6,432,183
2061 SUGAR	2,090,450	1,564,983	525,467
2062 MOLASSES	1,457,078	1,091,237	365,841
2081 ALCOHOLIC BEVERAGES	2,623,581	2,351,495	272,086
2091 VEGETABLE OILS, WARG, SHORT	2,652,239	1,329,916	1,322,323
2092 ANIMAL OILS AND FATS, NEC	139,814	15,464	124,350
2095 ICE	239,933	236,325	3,608
2099 MISCELLANEOUS FOOD PRODUCTS	2,279,544	1,007,675	1,271,869
TOBACCO PRODUCTS			
2111 TOBACCO MANUFACTURES	205,883	7,596	198,287
BASIC TEXTILES			
2211 BASIC TEXTILE PRODUCTS	1,809,767	1,263,547	546,220
2212 TEXTILE FIBERS, NEC	96,704	69,733	26,971

TABLE 2A--SUMMARY OF FOREIGN COMMERCE AT COASTAL PORTS, BY COMMODITY, CALENDAR YEAR 1987--CONTINUED

(IN TONS OF 2,000 POUNDS)

COMMODITY	TOTAL	IMPORTS	EXPORTS
APPAREL & OTHER FINISHED TEXTILE PRODUCTS, INCLUDING KNIT			
2311 APPAREL-----	1,184,716	1,124,012	65,706
LUMBER & WOOD PRODS., EXC. FURNITURE			
2411 LOGS-----	17,989,994	288,082	17,701,912
2413 FUEL WOOD, CHARCOAL, WASTES-----	175,771	162,383	13,388
2414 TIMBER, POSTS, POLES, PILING-----	54,456	6,346	48,112
2415 PULPMOOD, LOG-----	32,701	30,831	1,870
2416 WOOD CHIPS, STAVES, MOLDINGS-----	5,665,031	436,636	5,228,395
2421 LUMBER-----	5,795,106	2,399,990	3,395,116
2431 VENEER, PLYWOOD, WORKED WOOD-----	1,747,867	1,201,245	546,622
2491 WOOD MANUFACTURES, NEC-----	718,472	377,512	340,960
FURNITURE & FIXTURES			
2511 FURNITURE AND FIXTURES-----	1,217,511	1,152,272	65,239
PULP, PAPER & ALLIED PRODUCTS			
2611 PULP-----	5,013,902	454,801	4,559,101
2621 STANDARD NEWSPRINT PAPER-----	2,357,060	1,891,829	465,231
2631 PAPER AND PAPERBOARD-----	5,472,563	1,918,107	3,554,456
2691 PULP AND PAPER PRODUCTS, NEC-----	340,057	162,200	177,857
PRINTED MATTER			
2711 PRINTED MATTER-----	269,307	193,765	75,542
CHEMICALS & ALLIED PRODUCTS			
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	781,173	429,486	351,687
2812 DYES, PIGMENT, TANNING MATS-----	21,999	-----	21,999
2813 ALCOHOLS-----	2,583,281	1,545,990	1,037,291
2816 RADIOACTIVE MATERIALS, WASTES-----	15,512	9,220	6,292
2817 BENZENE AND TOLUENE-----	1,367,942	783,745	584,197
2819 BASIC CHEMICALS AND PROD, NEC-----	29,965,736	14,619,117	15,346,619
2821 PLASTIC MATERIALS-----	3,814,822	747,445	3,067,377
2822 SYNTHETIC RUBBER-----	409,930	13,205	396,725
2823 SYNTHETIC (MAN-MADE) FIBERS-----	349,112	83,668	265,444
2831 DRUGS-----	182,776	104,197	78,579
2841 SOAP-----	557,358	152,710	404,648
2851 PAINTS-----	542,081	452,413	89,668
2861 GUM AND WOOD CHEMICALS-----	207,411	12,328	195,083
2871 NITROGENOUS CHEM FERTILIZERS-----	4,404,216	1,880,033	2,524,183
2872 POTASSIC CHEM FERTILIZERS-----	3,185,875	1,081,646	2,104,229
2873 PHOSPHATIC CHEM FERTILIZERS-----	1,373,641	54,357	1,319,284
2876 INSECTICIDES, DISINFECTANTS-----	242,207	68,325	173,882
2879 FERTILIZER AND MATERIALS, NEC-----	5,937,466	38,108	5,899,378
2891 MISCELLANEOUS CHEMICAL PROD-----	1,690,410	493,355	1,197,055
PETROLEUM & COAL PRODUCTS			
2911 GASOLINE-----	21,497,439	19,784,135	1,713,304
2912 JET FUEL-----	4,481,337	3,015,696	1,465,641
2913 KEROSENE-----	109,883	75,764	34,119
2914 DISTILLATE FUEL OIL-----	16,535,846	12,283,372	4,252,474
2915 RESIDUAL FUEL OIL-----	52,898,074	40,680,389	12,017,685
2916 LUBRICATING OILS AND GREASES-----	3,608,340	1,468,582	2,139,758
2917 NAPHTHA, PETROLEUM SOLVENTS-----	6,074,987	5,927,284	147,703
2918 ASPHALT, TAR, AND PITCHES-----	2,355,507	2,203,175	152,332
2920 COKE, PETROLEUM COKE-----	16,535,929	912,931	15,622,998
2921 LIQUEFIED GASES-----	4,170,966	2,927,144	1,243,822
2951 ASPHALT BUILDING MATERIALS-----	16,970	-----	16,970
2991 PETROLEUM AND COAL PROD, NEC-----	128,714	59,424	69,290
RUBBER & MISC. PLASTIC PRODUCTS			
3011 RUBBER AND MISC PLASTIC PROD-----	2,282,965	1,924,314	358,651
LEATHER & LEATHER PRODUCTS			
3111 LEATHER AND LEATHER PRODUCTS-----	957,391	871,246	86,145
STONE, CLAY, GLASS, & CONCRETE PROD.			
3211 GLASS AND GLASS PRODUCTS-----	786,476	492,008	294,468
3241 BUILDING CEMENT-----	12,431,233	12,408,483	22,750
3251 STRUCTURAL CLAY PRODUCTS-----	1,011,791	899,100	112,691
3271 LIME-----	2,854	425	2,429
3281 CUT STONE AND STONE PRODUCTS-----	617,902	600,509	17,393
3291 MISC NONMETALLIC MINERAL PROD-----	1,102,317	835,043	267,274
PRIMARY METAL PRODUCTS			
3311 PIG IRON-----	298,159	249,534	48,625
3312 SLAG-----	50,378	50,378	-----
3314 IRON AND STEEL PRIMARY FORMS-----	1,726,116	1,695,912	30,206
3315 IRON, STEEL SHAPES, EXC SHEET-----	9,731,540	9,680,816	50,724
3316 IRON AND STEEL PLATES, SHEETS-----	455,036	84,863	370,175
3317 IRON AND STEEL PIPE AND TUBE-----	2,203,111	2,083,593	119,518
3318 FERRDALLOYS-----	1,063,407	988,466	74,941
3319 IRON AND STEEL PRODUCTS, NEC-----	377,331	295,322	82,009
3321 NONFERROUS METALS, NEC-----	250,200	163,381	86,819
3322 COPPER ALLOYS, UNWORKED-----	671,537	592,440	79,097
3323 LEAD AND ZINC, UNWORKED-----	286,041	247,826	38,215
3329 ALUMINUM AND ALLOYS, UNWORKED-----	1,106,658	724,697	382,161

NATIONAL SUMMARIES

TABLE 2A--SUMMARY OF FOREIGN COMMERCE AT COASTAL PORTS, BY COMMODITY, CALENDAR YEAR 1987--CONTINUED
(IN TONS OF 2,000 POUNDS)

COMMODITY	TOTAL	IMPORTS	EXPORTS
FABRICATED METAL PRODUCTS, EXCEPT ORONANCE, MACHINERY, & TRANS. EQUIP.			
3411 FABRICATED METAL PRODUCTS-----	3,775,844	3,362,469	413,375
MACHINERY, EXCEPT ELECTRICAL			
3511 MACHINERY, EXCEPT ELECTRICAL-----	5,356,068	4,039,650	1,316,418
ELECTRICAL MACHINERY, EQUIPMENT & SUPPLIES			
3611 ELECTRICAL MACH AND EQUIP-----	3,903,045	3,208,748	694,297
TRANSPORTATION EQUIPMENT			
3711 MOTOR VEHICLES, PARTS, EQUIP-----	7,955,310	7,336,281	619,029
3721 AIRCRAFT AND PARTS-----	28,464	10,644	17,820
3731 SHIPS AND BOATS-----	128,393	70,766	57,627
3791 MISC TRANSPORTATION EQUIPMENT-----	84,222	41,787	42,435
INSTRUMENTS, PHOTOGRAPHIC & OPTICAL GOODS, WATCHES & CLOCKS			
3811 INSTR, TIME, PHOTO, OPT GOODS-----	522,612	373,039	149,573
MISC, PRODUCTS OF MANUFACTURING			
3911 MISC MANUFACTURED PRODUCTS-----	1,903,257	1,813,685	89,572
WASTE & SCRAP MATERIALS			
4011 IRON AND STEEL SCRAP-----	9,071,370	141,438	8,929,932
4012 NONFERROUS METAL SCRAP-----	1,423,704	547,303	876,401
4022 TEXTILE WASTE, SCRAP, SWEEP-----	278,315	5,802	272,513
4024 PAPER WASTE AND SCRAP-----	3,453,810	7,443	3,446,367
SPECIAL ITEMS			
4112 COMMODITIES, NEC-----	957,937	477,636	480,301
9999 DEPARTMENT OF DEFENSE AND SCI-----	90,045	-----	90,045

Waterborne Commerce of the United States, 1987

TABLE 2B--SUMMARY OF FOREIGN COMMERCE AT GREAT LAKES PORTS, BY COMMODITY, CALENDAR YEAR 1987

COMMODITY	TOTAL	IMPORTS			EXPORTS		
		TOTAL	CANADIAN	OVERSEAS	TOTAL	CANADIAN	OVERSEAS
TOTAL, ALL COMMODITIES-----	45,925,371	13,876,092	10,040,313	3,835,779	32,049,279	26,766,116	5,283,163
FARM PRODUCTS							
0102 BARLEY AND RYE-----	488,854	7,232	7,232		481,622	276,577	205,045
0103 CORN-----	1,759,221				1,759,221	818,109	941,112
0104 OATS-----	44,561	44,561	44,561				
0105 RICE-----	1,592				1,592		1,592
0107 WHEAT-----	1,846,729	46,489	46,489		1,800,240	147,851	1,652,389
0111 SOYBEANS-----	1,046,885				1,046,885	119,962	926,923
0119 OILSEEDS, NEC-----	137,855	3,839	3,839		134,016		134,016
0129 FIELD CROPS, NEC-----	8,960	101	79	22	8,859		8,859
0133 COFFEE-----	27	27	7	20			
0141 FRESH AND FROZEN VEGETABLES-----	40,033	32	22	10	40,001	79	39,922
0161 ANIMALS AND PRODUCTS, NEC-----	166	158	12	146	8		8
0191 MISCELLANEOUS FARM PRODUCTS-----	5	5	5				
FOREST PRODUCTS							
0841 CRUDE RUBBER AND ALLIED GUMS-----	1,447	1,447	1,280	167			
0861 FOREST PRODUCTS, NEC-----	116	116		116			
FRESH FISH & OTHER MARINE PRODUCTS							
0911 FRESH FISH, EXCEPT SHELLFISH-----	498				498		498
0912 SHELLFISH, EXCEPT PREPARED-----	10	10		10			
METALLIC ORES							
1011 IRON ORE AND CONCENTRATES-----	9,666,830	3,893,901	3,298,528	595,373	5,772,929	5,598,607	174,322
1051 ALUMINIUM ORES, CONCENTRATES-----	39,589	39,589		39,589			
1091 NONFERROUS ORES, CONCENT, NEC-----	64,046	64,046	4,906	59,140			
COAL							
1121 COAL AND LIGNITE-----	15,732,642	30,972	30,972		15,701,670	15,579,005	122,665
CRUDE PETROLEUM							
1511 CRUDE PETROLEUM-----	100,397	100,397	39,568	60,829			
NONMETALLIC MINERALS, EXCEPT FUELS							
1411 LIMESTONE-----	3,061,094				3,061,094	3,061,094	
1442 SAND, GRAVEL, CRUSHED ROCK-----	1,633,633	1,254,343	1,253,776	567	379,290	369,288	10,002
1451 CLAY-----	126,709	10,545	2	10,543	116,164	109,506	6,658
1491 SALTS-----	1,613,091	1,375,024	1,375,002	22	238,067	181,473	56,594
1499 NONMETALLIC MINERALS, NEC-----	93,991	87,122	42,669	44,453	6,869		6,869
ORDNANCE & ACCESSORIES							
1911 ORDNANCE AND ACCESSORIES-----	23	23	2	21			
FOOD & KINDRED PRODUCTS							
2012 MEAT AND PRODUCTS, NEC-----	40	40	20	20			
2014 TALLOW, ANIMAL FATS AND OILS-----	19,672				19,672		19,672
2022 DRIED MILK AND CREAM-----	32,614				32,614		32,614
2031 FISH AND SHELLFISH, PREPARED-----	225	96		96	129		129
2034 VEGETABLES AND PREP, NEC-----	226	166		166	60		60
2039 PREP FRUIT AND VEG JUICE, NEC-----	2,791	2,791	1,595	1,196			
2041 WHEAT FLOUR AND SEMOLINA-----	26,867				26,867		26,867
2042 ANIMAL FEEDS-----	15,631	1,746	857	889	13,885		13,885
2049 GRAIN MILL PRODUCTS, NEC-----	80,957	867	640	227	80,090		80,090
2061 SUGAR-----	11,125	11,125	20	11,105			
2081 ALCOHOLIC BEVERAGES-----	2,766	2,766	301	2,465			
2091 VEGETABLE OILS, MARG, SHORT-----	32,126	1,227	969	258	30,899		30,899
2095 ICE-----	159	159		159			
2099 MISCELLANEOUS FOOD PRODUCTS-----	73,248	894	288	606	72,354		72,354
BASIC TEXTILES							
2211 BASIC TEXTILE PRODUCTS-----	12,255	12,243	291	11,952	12		12
APPAREL & OTHER FINISHED TEXTILE PRODUCTS, INCLUDING KNIT							
2311 APPAREL-----	1,083	122		122	961		961
LUMBER & WOOD PRDCTS., EXC. FURNITURE							
2411 LOGS-----	59	59		59			
2421 LUMBER-----	18,243	15,464	15,433	31	2,779	60	2,719
2431 VENEER, PLYWOOD, WORKED WOOD-----	788	745	716	29	43		43
2491 WOOD MANUFACTURES, NEC-----	26	26	1	25			
FURNITURE & FIXTURES							
2511 FURNITURE AND FIXTURES-----	806	788	39	749	18		18
PULP, PAPER & ALLIED PRODUCTS							
2611 PULP-----	174,692	151,620	65,767	85,853	23,072	151	22,921
2621 STANDARD NEWSPRINT PAPER-----	148,132	148,126	148,126		6		6
2631 PAPER AND PAPERBOARD-----	1,643	1,425	502	923	218		218
2691 PULP AND PAPER PRODUCTS, NEC-----	430	339	97	242	91	9	82

NATIONAL SUMMARIES

TABLE 28--SUMMARY OF FOREIGN COMMERCE AT GREAT LAKES PORTS, BY COMMODITY, CALENDAR YEAR 1987--CONTINUED

(IN TONS OF 2,000 POUNDS)

COMMODITY	TOTAL	IMPORTS			EXPORTS		
		TOTAL	CANADIAN	OVERSEAS	TOTAL	CANADIAN	OVERSEAS
PRINTED MATTER							
2711 PRINTED MATTER-----	138	121	17	104	17		17
CHEMICALS & ALLIED PRODUCTS							
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	57,401	51,088	49,629	1,459	6,313	6,313	
2812 DYES, PIGMENT, TANNING MATS-----	3				3		3
2813 ALCOHOLS-----	28,937	27,740	26,746	994	1,197	266	931
2817 BENZENE AND TOLUENE-----	56,291	23,558	23,558		32,733	32,733	
2819 BASIC CHEMICALS AND PROD, NEC-----	65,872	61,913	51,414	10,499	3,959	250	3,709
2821 PLASTIC MATERIALS-----	3,832	3,432	2,224	1,208	400	21	379
2822 SYNTHETIC RUBBER-----	117	117					
2831 DRUGS-----	567	502	191	311	65		65
2851 SOAPS-----	2,573	325	61	264	2,248		2,248
2851 PAINTS-----	23,934	23,908	22,282	1,626	26	2	24
2851 GUM AND WOOD CHEMICALS-----	20	20					
2871 NITROGENOUS CHEM FERTILIZERS-----	151,157	151,157	63,048	88,109			
2872 POTASSIC CHEM FERTILIZERS-----	1,243,724	1,243,724	1,243,724				
2876 INSECTICIDES, DISINFECTANTS-----	81	64		64			17
2879 FERTILIZER AND MATERIALS, NEC-----	28,267	28,267	19,966	8,307			
2891 MISCELLANEOUS CHEMICAL PROD-----	4,434	4,028	1,667	2,361	406	57	349
PETROLEUM & COAL PRODUCTS							
2911 GASOLINE-----	117,436	53,300	53,300		64,136	64,136	
2912 JET FUEL-----	14,019	5,850	5,850		8,169	8,169	
2913 KEROSENE-----	28,354	1,283	1,283		27,071	27,071	
2914 DISTILLATE FUEL OIL-----	188,081	159,482	159,482		28,599	28,599	
2915 RESIDUAL FUEL OIL-----	156,739	156,739	151,468	5,271			
2916 LUBRICATING OILS AND GREASES-----	55,991	57	38	19	55,934	55,924	10
2917 NAPHTHA, PETROLEUM SOLVENTS-----	20,551	20,551	20,551				
2918 ASPHALT, TAR, AND PITCHES-----	15,058	5,385	5,385		9,673	9,673	
2920 COKE, PETROLEUM COKE-----	512,674	231,100	231,100		281,574	120,084	161,490
2921 LIQUEFIED GASES-----	291	291	271	20			7
2991 PETROLEUM AND COAL PROD, NEC-----	34	27		27	7		
RUBBER & MISC. PLASTIC PRODUCTS							
3011 RUBBER AND MISC PLASTIC PROD-----	3,699	3,638	163	3,455	61	19	42
LEATHER & LEATHER PRODUCTS							
3111 LEATHER AND LEATHER PRODUCTS-----	297	282	4	278	15		15
STONE, CLAY, GLASS, & CONCRETE PROD.							
3211 GLASS AND GLASS PRODUCTS-----	906	874	74	800	32	32	
3241 BUILDING CEMENT-----	1,471,719	1,434,999	1,305,936	129,063	36,720	36,720	
3251 STRUCTURAL CLAY PRODUCTS-----	8,191	8,172	289	7,883	19		19
3261 CUT STONE AND STONE PRODUCTS-----	1,225	1,216	70	1,146	9	9	
3291 MISC NONMETALLIC MINERAL PROD-----	294	247	24	223	47	3	44
PRIMARY METAL PRODUCTS							
3311 PIG IRON-----	119,363	119,363	117,962	1,401			
3312 SLAG-----	19,169	19,169	19,169				
3314 IRON AND STEEL PRIMARY FORMS-----	369,229	368,017		368,017	1,212		1,212
3315 IRON, STEEL SHAPES, EXC SHEET-----	1,849,159	1,849,159	33,109	1,816,050			
3316 IRON AND STEEL PLATES, SHEETS-----	38,298	13,769		13,769	24,529		24,529
3317 IRON AND STEEL PIPE AND TUBE-----	34,416	34,400	92	34,308	16	16	
3318 FERROALLOYS-----	98,404	98,404	24,827	73,577			
3319 IRON AND STEEL PRODUCTS, NEC-----	14,847	5,943	312	5,631	8,904	8,842	62
3321 NONFERROUS METALS, NEC-----	3,929	3,670	626	3,044	259	246	13
3322 COPPER ALLOYS, UNWORKED-----	233	232		232	1		1
3323 LEAD AND ZINC, UNWORKED-----	144,059	144,059	226	143,833			
3324 ALUMINUM AND ALLOYS, UNWORKED-----	23,135	23,056	194	22,862	79		79
FABRICATED METAL PRODUCTS, EXCEPT ORDNANCE, MACHINERY, & TRANS. EQUIP.							
3411 FABRICATED METAL PRODUCTS-----	37,373	37,135	7,753	29,382	238	13	225
MACHINERY, EXCEPT ELECTRICAL							
3511 MACHINERY, EXCEPT ELECTRICAL-----	48,935	41,948	1,008	40,940	6,987	35	6,952
ELECTRICAL MACHINERY, EQUIPMENT & SUPPLIES							
3611 ELECTRICAL MACH AND EQUIP-----	2,742	2,457	402	2,055	285	56	229
TRANSPORTATION EQUIPMENT							
3711 MOTOR VEHICLES, PARTS, EQUIP-----	114,744	9,021	4,826	4,195	105,723	104,745	978
3721 AIRCRAFT AND PARTS-----	24	24	20	4			
3731 SHIPS AND BOATS-----	75	64	31	33	11	5	6
3791 MISC TRANSPORTATION EQUIPMENT-----	2,242	420		420	1,822		1,822
INSTRUMENTS, PHOTOGRAPHIC & OPTICAL GOODS, WATCHES & CLOCKS							
3811 INSTR, TIME, PHOTO, OPT GOODS-----	581	392	85	307	189		189
MISC. PRODUCTS OF MANUFACTURING							
3911 MISC MANUFACTURED PRODUCTS-----	765	756	24	732	9		9

Waterborne Commerce of the United States, 1987

TABLE 2B--SUMMARY OF FOREIGN COMMERCE AT GREAT LAKES PORTS, BY COMMODITY, CALENDAR YEAR 1987--CONTINUED

(IN TONS OF 2,000 POUNDS)

COMMODITY	TOTAL	IMPORTS			EXPORTS		
		TOTAL	CANADIAN	OVERSEAS	TOTAL	CANADIAN	OVERSEAS
WASTE & SCRAP MATERIALS							
4011 IRON AND STEEL SCRAP-----	485,854	552		552	485,302		485,302
4012 NONFERROUS METAL SCRAP-----	81,892	81,769		81,769	123		123
4022 TEXTILE WASTE, SCRAP, SHEEP-----	1				1		1
SPECIAL ITEMS							
4112 COMMODITIES, NEC-----	7,383	6,043	5,205	838	1,340	306	1,034
9999 DEPARTMENT OF DEFENSE AND SCI-----	4				4		4

NATIONAL SUMMARIES

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TABLE 3--COMMERCE AT SELECTED PORTS EXCLUDING GREAT LAKES PORTS, CALENDAR YEAR 1987
(IN TONS OF 2,000 POUNDS)

PORT	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
ALABAMA								
GUNTERSVILLE-----	1,818,817					1,269,386	549,431	
MOBILE HARBOR-----	32,384,042	4,621,784	10,564,999	67,591	915,720	10,898,414	4,796,206	519,320
ALASKA								
ANCHORAGE-----	2,105,157	124,075	398,306	946,330	168,041	16,905	451,500	
KETCHIKAN HARBOR-----	2,443,739	109,330	1,372,817	223,125	66,583	542,608	128,892	380
METLAKATLA HARBOR-----	471,041		71,462	3,957	10,919	292,561	92,142	
SITKA HARBOR-----	912,167	18,229	134,378	142,853	30,430	580,767	5,510	
SKAGWAY HARBOR-----	1,504,747	725,243	636,201	141,434	20	1,849		
VALDEZ HARBOR-----	106,867,415	5,303	4,727	20,397	106,836,988			
WHITTIER HARBOR-----	298,194							
WRANGELL HARBOR-----	563,949	7,592	173,506	7,246	5,791	166,111	203,703	
ARKANSAS								
HELENA-----	989,822					296,742	656,885	36,190
CALIFORNIA								
ELLWOOD-----	506,621							
HUMBOLDT HARBOR AND BAY-----	1,494,923	1,339	687,920	525,228	237,893	42,543		
LONG BEACH HARBOR-----	45,898,541	11,565,461	10,954,677	17,781,994	729,276	4,086,722	520,626	260,770
LOS ANGELES HARBOR-----	40,460,556	10,931,388	8,231,823	10,221,637	3,229,380	620,297	4,080,202	3,145,770
NEWPORT BAY HARBOR-----	293,575			75			290,500	
OAKLAND HARBOR-----	9,211,932	2,985,590	3,375,073	425,234	814,399	1,460,538	151,093	
PORT HUENEME-----	513,029		366,733	11,195	56,022	30,083	4,205	200
REDDWOOD CITY HARBOR-----	664,238		41,233	215,838	54,108	212,810	140,169	
RICHMOND HARBOR-----	21,431,418	1,613,905	2,941,705	9,552,250	2,214,060	1,219,397	3,399,863	240,230
SACRAMENTO-----	1,227,351	136,428	754,013	307,546	28,514	890		
SAN DIEGO-----	2,955,646	555,715	214,803	475,562	74,213	90,853	556,200	988,300
SAN FRANCISCO HARBOR-----	2,822,999	1,662,960	1,013,835	31	3,804	416,508	324,418	1,440
STOCKTON-----	1,389,448	419,452	832,825	27,892		57,259	2,020	
CONNECTICUT								
BRIDGEPORT HARBOR-----	3,036,418	672,879	202	2,259,446	103,891			
NEW HAVEN HARBOR-----	9,552,730	3,060,753	207,640	5,705,846	525,138			53,350
NEW LONDON HARBOR-----	764,680	261,389	3,086	342,394	134,004			24,000
NORWALK HARBOR-----	668,406			663,275				5,130
STAMFORD HARBOR-----	694,974			654,866	40,088			
DELAWARE								
NEW CASTLE AND VICINITY-----	11,292,068	4,194,961	37,447	314,203	2,401,648	2,948,309	1,395,130	350
WILMINGTON HARBOR-----	3,464,008	2,309,039	236,256	99,595	55,089	553,066	194,807	14,150
DISTRICT OF COLUMBIA								
WASHINGTON HARBOR-----	464,124					463,892	232	
FLORIDA								
CANAVERAL HARBOR-----	2,174,613	1,104,504	217,605	739,285	63	5,300	107,856	
CHARLOTTE HARBOR-----	1,007,075			347,567	9,870	762	648,738	190
FERNANDINA HARBOR-----	359,117	50,610	197,986	1,328		103,765	5,428	
JACKSONVILLE HARBOR-----	13,483,675	3,859,055	2,193,436	4,523,772	1,583,881	100,094	543,200	680,230
MIAMI HARBOR-----	4,260,060	1,742,377	1,250,178	487,473	565,834	30,372	183,926	
PALM BEACH HARBOR-----	2,507,750	661,629	836,102	196,780	812,272	569	396	
PANAMA CITY HARBOR-----	2,647,400	43,370	445,994			2,012,410	133,123	12,500
PENSACOLA HARBOR-----	1,576,881	41,809	263,937	83,769	61,534	773,531	352,501	
PORT EVERGLADES HARBOR-----	14,045,487	3,739,577	610,424	9,174,798	473,335	13,572	33,781	
TAMPA HARBOR-----	44,303,389	5,383,008	13,780,404	17,444,796	7,598,772	2,618	17,730	76,060
WEEDON ISLAND-----	783,408							
GEORGIA								
BRUNSWICK HARBOR-----	1,636,222	1,128,573	415,948		11,760	75,741	4,200	
SAVANNAH HARBOR-----	13,201,806	6,153,495	4,238,914	1,677,947	633,820	97,258	227,588	172,780
HAWAII								
BARBERS POINT HARBOR, OAHU-----	7,135,064	2,812,968	323,911	3,376,818	621,367			
HILO HARBOR, HAWAII-----	1,365,768	60,825	10,237	905,144	383,562			
KONOLULU HARBOR, OAHU-----	9,736,688	683,679	226,639	4,547,857	4,057,410		70,373	150,730
KAHULUI HARBOR, MAUI-----	2,035,247	41,096	9,371	1,217,392	767,388			
KANAIHAE HARBOR, HAWAII-----	871,202	42,505	29,849	300,290	498,558			
KAILIINI HARBOR, KAUAI-----	916,422	7,828	6	540,228	368,360			
INDIANA								
MOUNT VERNON-----	5,591,394				900	831,770	4,757,101	1,620

* TONNAGE BY TYPE OF TRAFFIC NOT REPORTED.

Waterborne Commerce of the United States, 1987

TABLE 3--COMMERCE AT SELECTED PORTS EXCLUDING GREAT LAKES PORTS, CALENDAR YEAR 1987--CONTINUED
(IN TONS OF 2,000 POUNDS)

PORT	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
KENTUCKY								
LOUISVILLE-----	9,362,237					6,432,024	2,930,213	
LOUISIANA								
BATON ROUGE-----	73,401,202	8,680,048	14,129,758	7,836,110	3,138,371	15,333,552	22,763,922	1,519,440
LAKE CHARLES (CALCASIEU RIVER AND PASS)-----	31,730,771	14,979,620	4,082,018	497,616	2,399,156	3,989,532	5,122,875	659,950
LAKE PROVIDENCE-----	979,724					796,980	182,744	
NEW ORLEANS-----	157,917,822	18,591,032	47,173,714	2,113,458	14,163,412	64,814,888	17,528,370	3,552,970
MAINE								
BUCKSPORT HARBOR-----	598,860	374,517		159,910			64,433	
PORTLAND HARBOR-----	9,151,027	6,152,710	43,650	2,724,518	121,143	32,903		76,100
SEARSPORT HARBOR-----	978,176	575,616	7,694	338,945	55,933			
MARYLAND								
BALTIMORE HARBOR AND CHANNELS-----	17,488,624	14,618,895	10,180,919	2,357,756	3,194,055	2,953,814	768,846	3,414,330
MASSACHUSETTS								
FALL RIVER HARBOR-----	5,006,804	310,921		4,375,638	52,764	123,859	132,909	10,710
NEW BEDFORD AND FAIRHAVEN HARBOR-----	453,358	52,773	3,940	176,251	104,578	55,367		48,440
PORT OF BOSTON-----	19,829,871	10,266,477	655,919	6,796,895	1,248,988	23,356		837,200
SALEM HARBOR-----	1,428,413	316,569	15	1,076,311	15,086			410
VINEYARD HAVEN HARBOR-----	318,971			266,868	52,103			
MINNESOTA								
MINNEAPOLIS-----	1,506,329					847,108	659,221	
ST. PAUL-----	7,418,589					3,670,172	3,748,417	
MISSISSIPPI								
BILOXI HARBOR-----	1,853,539				400	1,783,672	66,147	3,320
GREENVILLE-----	1,962,197					1,254,901	707,296	
GULFPORT HARBOR-----	1,208,043	736,632	240,494			186,680	44,237	
NATCHEZ-----	537,297					266,555	270,742	
PASCAGOULA HARBOR-----	27,824,815	14,466,236	3,003,333	59,712	5,139,664	1,018,675	4,115,570	21,620
VICKSBURG-----	2,879,083	96	129			2,101,886	766,471	10,500
MISSOURI								
PORT OF KANSAS CITY-----	2,204,169					424,957	500,432	1,278,780
PORT OF METROPOLITAN ST. LOUIS-----	27,571,883					6,743,288	18,324,932	2,503,660
NEW HAMPSHIRE								
PORTSMOUTH HARBOR-----	3,501,620	1,891,416	310,205	1,221,585	53,347			25,060
NEW JERSEY								
CAMDEN & GLOUCESTER-----	7,885,736	2,796,254	1,382,852	722,444	546,172	1,180,117	1,203,600	54,290
PAULSBORO AND VICINITY-----	17,936,169	11,006,253	128,109	854,125	1,746,845	2,325,111	1,701,208	172,510
TRENTON HARBOR-----	827,529					827,529		
NEW YORK								
HEMPSTEAD HARBOR-----	1,168,534			1,168,261	273			
NORTHPORT HARBOR-----	334,535			9,376	325,159			
PORT CHESTER HARBOR-----	311,415			9,527		132,884		169,200
PORT JEFFERSON HARBOR-----	3,664,501	340,062	2,643	3,199,415	122,381			
PORT OF ALBANY-----	7,375,043	2,036,316	148,189	530,596	48,659	4,259,246	261,601	88,430
PORT OF NEW YORK-----	154,536,680	46,506,740	5,534,532	24,173,720	26,723,369	2,603,340	14,245,174	34,749,800
TARRYTOWN HARBOR-----	304,741					304,741		
NORTH CAROLINA								
WREHEAD CITY HARBOR-----	5,561,002	753,450	2,032,790	301,835	18,767	1,847,615	591,672	14,870
PORT OF WILMINGTON-----	7,692,936	2,324,991	724,484	3,145,989	23,563	60,973	1,348,344	64,590
OHIO								
CINCINNATI-----	11,995,343			1,286		9,829,336	2,103,900	60,820
OREGON								
COOS BAY-----	7,761,681	11,917	4,381,684	343,113	142,183	980,536	1,535,940	366,300
OREGON SLOUGH (NORTH PORTLAND HARBOR)-----	2,016,163	597,808	612,810	26,155	228,451	471,227	79,712	
PORT OF ASTORIA-----	1,239,830	20,124	492,378	12,013	55,338	216,557	436,284	7,140
PORT OF PORTLAND-----	26,812,547	2,598,009	12,985,565	2,425,112	518,022	5,467,606	1,822,581	995,050

NATIONAL SUMMARIES

TABLE 3--COMMERCE AT SELECTED PORTS EXCLUDING GREAT LAKES PORTS, CALENDAR YEAR 1987--CONTINUED
(IN TONS OF 2,000 POUNDS)

PORT	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
OREGON								
YACQUINA BAY AND HARBOR-----	849,013		188,438		71,175		589,400	
PENNSYLVANIA								
CHESTER-----	583,436	185,577	6,361	650		384,345	6,503	
MARCUS HOOK AND VICINITY-----	28,154,337	16,545,059	30,738	2,060,126	1,610,918	4,459,179	3,354,317	94,000
PENN HANOR AND VICINITY-----	2,557,764	2,325,107	15,085	10,871		199,942	6,759	
PHILADELPHIA HARBOR-----	37,336,977	21,176,810	2,082,567	1,100,878	3,470,900	6,225,310	2,388,043	932,460
PITTSBURGH-----	28,840,424					22,672,617	3,331,203	2,836,600
RHODE ISLAND								
NEWPORT HARBOR-----	468,924	431,190		28,808	8,390	199	337	
PROVIDENCE RIVER AND HARBOR-----	7,450,640	2,525,215	454,160	3,816,002	219,932	208,051	74,898	152,380
SOUTH CAROLINA								
CHARLESTON HARBOR-----	8,907,313	2,995,535	2,561,993	3,021,697	158,486	52,187	28,859	88,550
GEORGETOWN HARBOR (WINYAH BAY)-----	677,959	463,020	55,027			53,656	106,256	
TENNESSEE								
CHATTANOOGA-----	2,521,823			21	300	2,464,169	57,333	
KNOXVILLE-----	351,719					248,659	102,825	230
MEMPHIS-----	11,200,918					8,323,166	2,783,794	133,950
PORT OF NASHVILLE-----	3,655,015					3,484,859	170,156	
TEXAS								
BEAUMONT-----	29,758,759	5,577,188	4,375,357	3,745,363	2,931,564	7,757,803	4,994,838	376,640
BROWNSVILLE-----	1,234,039	135,396	239,109		55,227	749,410	54,897	
CORPUS CHRISTI-----	51,239,602	25,061,834	4,358,682	238,212	10,117,832	2,331,922	7,804,916	1,326,200
FREEPORT HARBOR-----	13,980,280	4,108,713	1,389,443	3,446,238	364,431	2,899,760	1,668,317	83,370
GALVESTON (GALVESTON CHANNEL)-----	8,684,216	642,996	5,696,710	407,655	1,246,196	543,112	142,747	2,800
HARBOR ISLAND-----	2,329,205	1,953,320				17,647	358,238	
HOUSTON (HOUSTON SHIP CHANNEL)-----	112,546,187	34,557,913	22,945,952	5,389,147	7,346,647	17,493,909	14,880,321	9,932,290
MATAGORDA SHIP CHANNEL-----	4,995,099	3,596,583	250,487			373,120	774,909	
ORANGE-----	771,673		21			703,105	68,547	
PORT ARTHUR-----	20,615,945	9,697,167	3,019,388	866,134	2,082,728	1,460,609	3,456,550	33,360
PORT ISABEL-----	298,789		105			91,327	207,357	
SABINE PASS HARBOR-----	722,151	5	3,920			288,120	429,356	750
TEXAS CITY (TEXAS CITY CHANNEL)-----	37,233,420	16,793,110	2,004,052	4,719,319	3,939,180	4,515,415	5,042,771	219,570
VICTORIA-----	3,655,454					1,399,866	2,255,588	
VIRGINIA								
NORFOLK HARBOR-----	39,993,313	4,735,904	25,254,212	1,086,971	1,968,310	3,879,550	2,304,156	764,200
PORT OF HOPEWELL-----	1,214,934	50,180	338,785	7,070	124,944	314,243	379,712	
PORT OF NEWPORT NEWS-----	19,264,649	1,016,538	15,722,082	504,653	254,669	597,424	1,147,282	21,980
PORT OF RICHMOND-----	2,678,925	235,157	182,253	279,435	202,544	1,149,461	630,075	
WASHINGTON								
ANACORTES HARBOR-----	13,687,075	1,713,101	1,030,564	8,127,793	1,512,453	504,716	764,388	34,060
BELLINGHAM BAY AND HARBOR-----	2,103,829	571,289	638,875	190,005	305,699	215,372	181,589	
EVERETT HARBOR AND SNOHOMISH RIVER-----	7,200,173	541,518	2,002,323		672	1,890,183	678,568	2,086,900
GRAYS HARBOR AND CHEHALIS RIVER-----	4,339,364	2,468	3,584,581	33,374	132,125	13,790	481,600	91,440
HAMMERSLEY INLET-----	414,953					8,804	406,149	
OLYMPIA HARBOR-----	911,484	20,627	405,656		19,365	208,019	259,917	2,900
PORT ANGELES HARBOR-----	2,873,211	199,428	1,851,208	12,102	15,831	330,215	264,055	200,370
PORT GAMBLE HARBOR-----	641,897		2,040		95,894	320,717	223,246	
PORT OF KALAMA-----	6,326,167	59,075	5,804,971		85,071	339,910	37,140	
PORT OF LONGVIEW-----	8,082,272	698,155	5,096,849	53,813	193,730	1,428,794	348,094	62,830
PORT OF VANCOUVER-----	4,275,129	797,930	1,579,632	25,265	24,628	1,731,120	116,554	
PORT TOWNSEND HARBOR-----	513,125	213,912	37,692			228,989	32,532	
SEATTLE HARBOR-----	18,552,750	5,323,270	5,767,502	1,342,727	916,161	3,264,556	992,217	946,310
TACOMA HARBOR-----	17,429,788	3,884,413	7,737,710	1,675,775	1,324,530	1,613,157	478,317	415,880
WEST VIRGINIA								
HUNTINGTON-----	18,722,337					304,523	18,417,814	
PUERTO RICO								
MAYAGUEZ HARBOR-----	451,412	300,859	13,128	88,337	14,960	33,088	1,040	
PONCE HARBOR-----	671,234	472,042	116,195	48,675		29,982	6,340	
SAN JUAN HARBOR-----	13,452,284	4,514,129	748,002	4,747,936	1,117,470	2,053,857	270,890	
VIRGIN ISLANDS								
CHRISTIANSTED HARBOR, ST. CROIX-----	486,213	293,497	66,432	649	15	125,574	46	
ST. THOMAS HARBOR-----	615,519	282,835	59,494	4,059		224,615	44,516	

TABLE 3A--COMMERCE AT SELECTED AREAS, CALENDAR YEAR 1987
(IN TONS OF 2,000 POUNDS)

AREA	NET TOTAL (DUPLICATIONS IN AREA ELIMINATED)	TOTAL	FOREIGN		DOMESTIC				
			IMPORTS	EXPORTS	COASTWISE	LAKENISE	INTERNAL	LOCAL	
DELAWARE RIVER AND TRIBUTARIES, TRENTON, N. J., TO THE SEA									
BURLINGTON-FLORENCE-ROEBLING, N. J.	641,196	274,276	62				363,141	3,697	
CAMDEN-GLOUCESTER, N. J.	7,885,736	2,796,254	1,382,852	1,268,616			2,383,717	54,297	
CHESTER, PA.	563,436	185,577	6,361	650			390,848		
LOWER DELAWARE BAY, DEL.	15,190,567	3,523,053	7,090	384,226			11,276,218		
MARCUS HOOK, PA., AND VICINITY	28,154,337	16,545,059	30,738	3,671,044			7,813,496	94,000	
NEW CASTLE, DEL., AND VICINITY	11,292,068	4,194,981	37,447	2,715,851			4,343,439	350	
PAULSBORO, N. J., AND VICINITY	17,936,169	11,006,258	128,109	2,602,970			4,026,319	172,513	
PENN MANOR, PA., AND VICINITY	2,557,764	2,325,107	15,065	10,871			206,701		
PHILADELPHIA HARBOR, PA.	37,336,977	21,176,810	2,082,567	4,571,778			8,573,357	932,465	
THOMPSON POINT, N. J., AND VICINITY	324,379	81,960		59,239			183,180		
TRENTON HARBOR, N. J.	827,529						827,529		
WILMINGTON HARBOR, DEL.	3,464,008	2,309,039	238,258	154,684			747,873	14,154	
OTHER	347,002	41,604	76,108	9,663			216,892	535	
TOTAL	108,074,912	126,541,188	64,460,178	4,004,697	15,449,592		41,354,710	1,272,011	
HAMPTON ROADS, VA.									
HAMPTON CREEK, VA.	565,537						565,465	72	
NORFOLK HARBOR, VA.	39,993,313	4,735,904	25,254,212	3,055,281			6,183,708	764,208	
PORT OF NEWPORT NEWS, VA.	19,284,649	1,016,558	15,722,082	759,322			1,744,708	21,981	
TOTAL	59,491,077	59,823,499	5,752,462	40,976,294	3,814,603		8,493,879	786,261	
CORPUS CHRISTI BAY, TEX.									
CORPUS CHRISTI, TEX.	51,239,602	25,061,834	4,358,682	10,356,044			10,136,838	1,326,204	
HARBOR ISLAND, TEX.	2,329,205	1,953,320					375,885		
TOTAL	53,539,806	53,569,807	27,015,154	4,358,682	10,356,044		10,512,723	1,326,204	
SAN FRANCISCO BAY, CALIF.									
CARQUINEZ STRAIT, CALIF.	18,436,857	1,214,927	2,287,593	10,942,012			3,817,981	174,344	
OAKLAND HARBOR, CALIF.	9,211,932	2,985,590	3,375,073	1,239,638			1,611,631		
PETALUMA RIVER, CALIF.	1,675,340						1,675,340		
REDWOOD CITY, CALIF.	664,238	41,233	215,838	266,998			140,169		
RICHMOND HARBOR, CALIF.	21,434,418	1,813,905	2,991,705	11,766,310			4,619,260	240,238	
SACRAMENTO RIVER, CALIF.	1,400,217	136,428	754,013	336,060			152,916	20,800	
SAN FRANCISCO HARBOR, CALIF.	2,822,999	1,062,960	1,013,835	3,835			740,926	1,443	
SAN JOAQUIN RIVER AND TRIBUTARIES	3,650,206	972,555	1,803,723	240,385			605,523	28,020	
SAN PABLO BAY AND MARE ISLAND STRAIT, CALIF.	7,130,235	93,644	419,935	4,035,469			2,581,187		
SUISUN BAY CHANNEL, CALIF.	4,018,707		241,389	3,051,805			725,513		
OTHER	15,709,453	36,652	125,627	4,083,464			11,193,297	270,413	
TOTAL	72,307,845	86,154,602	8,357,894	13,228,731	35,965,976		27,863,743	735,258	
CHICAGO, ILL., AND IND.									
BUFFINGTON HARBOR, IND.	692,825	13,705				679,120			
GARY HARBOR, IND.	7,265,788					7,154,328	111,460		
INDIANA HARBOR, IND.	13,335,416	509,892	16,643			12,293,380	489,731	25,770	
PORT OF CHICAGO, ILL.	20,705,271	2,424,236	171,349	8,539		2,952,890	12,449,586	2,718,671	
TOTAL	41,615,259	41,999,300	2,947,833	187,992	8,539	23,059,718	13,050,777	2,744,441	

NATIONAL SUMMARIES

TABLE 4--COMMERCE AT SELECTED PORTS ON THE GREAT LAKES, CALENDAR YEAR 1967
(IN TONS OF 2,000 POUNDS)

PORT	TOTAL	FOREIGN				DOMESTIC					
		IMPORTS		EXPORTS		LAKEWISE		COASTWISE		INTERNAL	LOCAL
		CANADIAN	OVERSEAS	CANADIAN	OVERSEAS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS		
ILLINOIS											
PORT OF CHICAGO	20,705,271	1,301,672	1,122,564	57,763	113,586	2,114,781	818,109		8,539	12,449,586	2,718,671
HAUKEGAN HARBOR	457,730					457,730					
INDIANA											
BUFFINGTON HARBOR	692,825										
BURNS WATERWAY HARBOR	7,093,196	799,139	251,581	28,126		5,245,432	79,747			689,171	7,265,788
GARY HARBOR	7,265,788										25,770
INDIANA HARBOR	5,335,016	211,727	298,165	6,750	9,593	11,021,917	1,271,463			489,731	
MICHIGAN											
ALABASTER	642,232										642,232
ALPENA HARBOR	1,969,666	2,418	22,703	6,509		311,609	1,425,624				8,159,292
CALCITE	8,159,292										
DRUMMOND ISLAND	1,515,950			519,300			996,650				5,112,919
ESCANABA	5,112,919										
GRAND HAVEN HARBOR AND GRAND RIVER	1,588,086	95,006		293,267	11,655	663,658	324,300				
HOLLAND HARBOR	315,937			18,292	16,136	261,581					
LUDINGTON HARBOR	890,077				5,104	574,156	215,217				
MARINE CITY	419,253		28,713			390,540					
MARQUETTE HARBOR	616,852					581,569	35,167				96
MARYSVILLE	440,089	151,675		13		308,401	35,167				
MORDE HARBOR	1,177,883	35,667	75,522	16,018		1,050,676					
MUSKEGON HARBOR	1,201,746	2,314	3,539			1,140,494	17,166			2,791	
ONTONAGON HARBOR	302,063					361,263			800		
PORT OGDONTEK	2,856,320										2,856,320
PORT GYPSUM	430,751										430,751
PORT HURON	539,053	42,452	4,164	31,933	4,618	455,666					539,053
PORT INLAND	3,173,394										3,173,394
PORT OF DETROIT	1,129,844	867,433	614,963	221,328	306,673	11,307,029	698,299	531			93,588
PRESQUE ISLE HARBOR	9,332,587			4,069,465	152,209	1,907,624	3,223,289				
ST. CLAIR	6,449,794					6,449,794					
ST. JOSEPH HARBOR	492,392					492,392					
STONEPORTA	6,185,999										6,185,999
TRAVERSE CITY HARBOR	253,225					253,225					
MINNESOTA											
DULUTH - SUPERIOR HARBOR	36,462,867	436,555	66,480	1,774,857	2,526,394	1,527,930	29,476,637				654,014
TACONITE HARBOR	7,555,009										7,555,009
TWO HARBORS (GATE BAY)	7,414,003						7,413,998				5
NEW YORK											
OSWEGO HARBOR	446,811	332,113	7,603		893	20,294				85,908	
PORT OF BUFFALO	1,412,244	77,796	3,900	9,163	12,974	1,202,129	106,288				
OHIO											
ASHTABULA HARBOR	8,868,069	505,249	159,863	4,857,848	45,028	2,094,987	1,225,094				
CLEVELAND HARBOR	3,914,047	1,901,373	541,528	171,674	43,170	10,753,302	502,300				
CONNEAUT HARBOR	7,046,570	111,265	21	4,265,422		1,808,089	861,773				
FAIRPORT HARBOR	2,077,212	25,655		26,016	28,140	1,530,540	370,491				94,426
HURON HARBOR	529,031	23,474		30,380		475,177					
LORAIN HARBOR	4,372,412	54,085				8,408,430	3,664,837				
MARBLEHEAD	1,098,332										287,072
SANDUSKY HARBOR	3,319,468			2,285,829	147	274,412	759,080				
TOLEDO HARBOR	16,211,727	1,160,899	368,945	4,990,016	1,313,949	3,897,258	4,319,045				161,615
PENNSYLVANIA											
ERIE HARBOR	971,320	93,123	38,973		19,760	576,611					249,653
WISCONSIN											
DULUTH - SUPERIOR HARBOR	36,462,867	436,555	66,480	1,774,857	2,526,394	1,527,930	29,476,637				654,014
GREEN BAY HARBOR	1,431,203	96,419	83,090		44,453	1,207,241					
MILWAUKEE	2,161,038	378,985	116,923	179,555	575,523	902,052	8,000				
SHEBOYGAN HARBOR	843,165	30,165	3,293			416,261	393,446				

* TONNAGE BY TYPE OF TRAFFIC NOT REPORTED

TABLE 5-- COMMERCE ON SELECTED WATERWAYS OF THE UNITED STATES, CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

WATERWAY	TONS	TOTAL TON- MILES (000 OMITTED)	MILES PER TON
ANACOSTIA RIVER, D. C.	464,124	928	2
APPOMATTOX RIVER, VA.	1,454,416	12,732	9
ATLANTIC INTRACOASTAL WATERWAY ¹			
BETWEEN NORFOLK, VA., AND THE ST. JOHNS RIVER, FLA. (NET)	4,661,055	399,739	85
U. S. ARMY ENGINEER DISTRICT, NORFOLK - VIA DISMAL SWAMP CANAL ROUTE	193,378	4,920	25
U. S. ARMY ENGINEER DISTRICT, NORFOLK - VIA GREAT BRIDGE LOCK ROUTE	1,437,085	19,956	14
U. S. ARMY ENGINEER DISTRICT, WILMINGTON	3,080,732	249,460	81
U. S. ARMY ENGINEER DISTRICT, CHARLESTON	568,876	77,535	132
U. S. ARMY ENGINEER DISTRICT, SAVANNAH	605,631	38,991	64
U. S. ARMY ENGINEER DISTRICT, JACKSONVILLE	371,753	8,877	24
BAY RIDGE AND RED HOOK CHANNELS, N. Y.	1,768,981	4,036	2
BLACKWATER RIVER, VA.	390,715	5,079	13
BRETON BAY, MD.	884,317	5,306	6
BRONX RIVER, N. Y.	283,736	567	2
BUTTERMILK CHANNEL, N. Y.	922,795	1,854	2
CAPE COD CANAL, MASS.	14,390,969	257,113	18
CAPE FEAR RIVER ABOVE WILMINGTON, N. C.	277,110	12,547	45
CHANNEL TO NEWPORT NEWS, VA.	25,944,209	129,699	5
CHELSEA RIVER, MASS.	10,126,320	27,699	3
CHOPTANK RIVER, MD.	367,268	5,245	14
CHowan RIVER, N. C.	392,423	18,500	47
CONEY ISLAND CHANNEL, N. Y.	2,263,521	2,264	1
CONNECTICUT RIVER BELOW HARTFORD, CONN.	1,255,696	48,281	38
DELAWARE BAY - CHESAPEAKE BAY WATERWAY - VIRGINIA PORTION	48,900	3,965	81
DELAWARE RIVER ²			
TRENTON, N. J., TO THE SEA (NET)	110,278,964	8,499,249	77
AT CAMDEN, N. J.	4,308,176	#	---
BETWEEN PHILADELPHIA, PA., AND TRENTON, N. J.	8,938,526	142,162	16
PHILADELPHIA, PA., TO THE SEA	110,028,852	8,357,087	76
EAST CHESTER CREEK, N. Y.	1,517,216	7,307	5
EAST RIVER, N. Y.	38,613,827	528,922	14
EAST ROCKAWAY INLET, N. Y.	1,075,477	1,075	1
FLUSHING BAY AND CREEK, N. Y.	1,768,173	3,839	2
SOHANUS CANAL, N. Y.	575,873	890	2
SOHANUS CREEK CHANNEL, N. Y.	2,162,388	2,162	1
GRAVESEND BAY, N. Y.	2,153,441	2,359	1
HACKENSACK RIVER, N. J.	2,573,774	18,934	7
HAMPTON CREEK, VA.	565,537	1,685	3
HARLEM RIVER, N. Y.	681,909	2,687	4
HUDSON RIVER ³			
DEEP WATER IN UPPER BAY, N. Y., TO WATERFORD, N. Y. (NET)	20,840,622	1,451,942	70
MOUTH OF SPUYTEN DUYVIL CREEK (HARLEM RIVER) TO WATERFORD, N. Y.	17,815,816	1,245,798	70
HUDSON RIVER CHANNEL, N. Y. AND N. J.	20,441,162	206,145	10
INLAND WATERWAY FROM DELAWARE RIVER TO CHESAPEAKE BAY, DEL. AND MD. - CHESAPEAKE AND DELAWARE CANAL	15,368,052	714,454	46
INTRACOASTAL WATERWAY ¹			
JACKSONVILLE TO MIAMI, FLA.	185,548	8,902	48
MIAMI TO KEY WEST, FLA.	494,917	29,805	60
JAMAICA BAY, N. Y.	2,981,915	35,948	12
JAMES RIVER, VA.	10,040,646	612,600	61
LOWER ENTRANCE CHANNELS, NEW YORK HARBOR, N. Y.	94,412,596	944,126	10
MIAMI RIVER, FLA.	617,270	1,851	3
MYSTIC RIVER, MASS.	3,996,616	4,044	1
NANTICOKE RIVER (INCLUDING NORTHWEST FORK), DEL. AND MD.	353,111	11,818	33
NARROWS OF LAKE CHAMPLAIN, N. Y. AND VT.	215,842	3,885	18
NEW YORK AND NEW JERSEY CHANNELS, N. Y. AND N. J.	108,040,830	1,072,280	10
NEARBY BAY, N. J.	29,533,717	98,550	3
NEATOWN CREEK, N. Y.	2,708,621	4,346	2
NORTHEAST (CAPE FEAR) RIVER, N. C.	1,005,723	5,029	5
OCCOQUAN CREEK, VA.	844,466	5,067	6
OYSTER BAY, N. Y.	363,846	453	1
PAMUNIC AND TAR RIVERS, N. C.	2,448,100	62,530	26
PASSAIC RIVER, N. J.	7,414,292	11,718	2
PENOBSCOT RIVER, MAINE	1,297,074	18,203	14
PISCATAQUA RIVER, MAINE AND N. H.	3,501,620	12,435	4
POCOMOKE RIVER, MD. AND VA.	198,620	3,264	16
POTOMAC RIVER BELOW WASHINGTON, D. C.	3,215,308	199,787	62
RARITAN RIVER TO ARTHUR KILL CUT-OFF CHANNEL, N. J.	3,938,625	3,930	1
RARITAN RIVER, N. J.	4,646,197	9,704	2
ROANOKE RIVER, N. C.	207,331	7,205	35
SCHUYLKILL RIVER, PA.	8,726,157	24,337	3
SHIPYARD RIVER, S. C.	1,518,974	1,519	1
ST. JOHNS RIVER, FLA., JACKSONVILLE TO LAKE HARNEY	290,817	27,608	95
SUSQUEHANNA RIVER ABOVE AND BELOW HAVRE DE GRACE, MD.	718,722	5,749	8
THAMES RIVER, CONN.	292,802	1,693	6
UPPER BAY, NEW YORK HARBOR, N. Y. AND N. J.	134,450,661	442,626	3
WESTCHESTER CREEK, N. Y.	258,177	621	2
WEYMOUTH FORD RIVER, MASS.	1,598,665	12,641	8
WICOMICO RIVER (EASTERN SHORE), MD.	971,002	23,949	25
WILMINGTON HARBOR, N. C. (SEE PORT OF WILMINGTON, N.C., FOR PORT DATA)	7,928,981	187,079	24
WOODS HOLE CHANNEL, MASS.	329,539	330	1
YORK RIVER, VA.	5,062,381	44,547	9
CALUMET - SAG CHANNEL, ILL.	6,127,480	134,987	22
CHANNELS IN LAKE ST. CLAIR, MICH.	58,520,862	#	---
CHICAGO RIVER (MAIN AND NORTH BRANCH), ILL.	1,813,806	2,819	2
CHICAGO RIVER (SOUTH BRANCH), ILL.	2,371,068	9,542	4
CHICAGO SANITARY AND SHIP CANAL, ILL.	16,598,820	227,460	14
DETROIT RIVER, MICH.	62,688,583	1,659,972	26
GRAYS REEF PASSAGE, MICH.	3,464,160	*	---

* INCLUDED IN DELAWARE RIVER, PHILADELPHIA, PA., TO THE SEA.

INCLUDED IN ST. CLAIR RIVER, MICH.

* TON-MILES NOT REPORTED.

NATIONAL SUMMARIES

TABLE 5-- COMMERCE ON SELECTED WATERWAYS OF THE UNITED STATES, CALENDAR YEAR 1967--CONTINUED
(IN TONS OF 2,000 POUNDS)

WATERWAY	TONS	TOTAL TON-MILES (000 OMITTED)	MILES PER TON
ILLINOIS WATERWAY, ILL.	41,411,729	7,985,057	193
NIAGARA RIVER, N.Y.	541,980	1,645	5
ROUGE RIVER, MICH.	7,161,701	*	-----
SAGINAW RIVER, MICH.	4,342,102	*	-----
ST. CLAIR RIVER, MICH.	68,395,719	2,276,999	33
ST. MARYS FALL CANAL, MICHIGAN AND SAULT STE. MARIE, ONTARIO SHIP CANAL, CANADA	62,459,896	*	-----
ST. MARYS RIVER, MICH.	61,474,568	3,670,971	60
ALABAMA - COOSA RIVERS, ALA. AND GA.	2,179,917	245,044	112
APALACHICOLA, CHATTAHOOCHEE, AND FLINT RIVERS, GA. AND FLA.	911,961	86,357	95
ATCHAFALAYA RIVER, LA., MORGAN CITY TO GULF OF MEXICO	5,418,400	193,492	36
BARATARIA BAY WATERWAY, LA.	830,657	17,263	21
BAYOU CASOTTE, MISS.	26,007,471	121,472	5
BAYOU LAFOURCHE AND LAFOURCHE - JUMP WATERWAY, LA.	968,451	17,127	17
BAYOU LITTLE CAILLOU, LA.	1,137,423	3,657	3
BAYOU TECHE AND VERMILION RIVER, LA.	857,284	13,238	15
BAYOU TECHE, LA.	1,050,445	40,717	39
BAYOU TERREBOUVE, LA.	188,215	2,776	17
BLACK HARRIOR AND TOMBIGEE RIVERS, ALA.	10,757,992	3,801,032	232
BRADYS ISLAND MARSH, TEX. (WATERWAY)	1,532,828	*	-----
CAJASIEU RIVER AND PASS, LA.	31,730,771	837,800	26
CHANNEL TO PALACIOS, TEX.	4,995,099	124,894	25
CHANNEL TO VICTORIA, TEX.	3,655,454	100,105	27
CHICKASAW CREEK, ALA.	5,698,309	11,730	2
CHOCOLATE BAYOU, TEX.	2,756,380	24,314	9
COLORADO RIVER AND FLOOD DISCHARGE CHANNELS, TEX.	693,585	10,408	15
CORPUS CHRISTI SHIP CHANNEL, TEX.	53,539,806	1,177,679	22
DICKINSON BAYOU, TEX.	420,062	3,605	9
ESCAMBIA AND COMECUM RIVERS, FLA. AND ALA., ESCAMBIA BAY, FLA.	2,401,110	48,525	20
FRESHWATER BAYOU, LA.	244,551	4,084	17
GULF COUNTY CANAL, FLA.	2,906,286	14,640	5
GULF INTRACOASTAL WATERWAY ¹ BETWEEN APALACHEE BAY, FLA., AND THE MEXICAN BORDER	107,032,420	19,189,498	179
MORGAN CITY - PORT ALLEN ROUTE	19,682,661	1,179,912	60
MOUVA NAVIGATION CANAL, LA.	1,411,893	31,902	23
INNERHARBOR NAVIGATION CANAL, LA.	7,558,379	20,932	3
INTRACOASTAL WATERWAY, CALDOUSAMATCHEE RIVER TO ANCLOTE RIVER, FLA.	749,041	23,646	32
JOHNSONS BAYOU, LA.	587,745	2,336	4
LAKE PONTCHARTRAIN, LA.	1,672,538	35,123	21
MATAGORDA SHIP CHANNEL, TEX.	4,995,099	124,894	25
VERMENTAU RIVER, BAYOUS NEZPIQUE AND DES CAYNES, LA.	1,360,837	43,233	32
VERMENTAU RIVER, LA.	1,396,752	35,061	25
OKEECHOBEE WATERWAY, FLA.	675,656	16,679	25
PETIT ANSE, TIGRE AND CARLIN BAYOUS, LA.	1,574,999	6,805	4
SABINE - NECHES WATERWAY, TEX.	79,741,723	2,090,217	26
SAN BERNARD RIVER, TEX.	360,272	9,367	26
ST. MARKS RIVER, FLA.	889,326	9,777	11
THREE MILE CREEK, ALA.	358,641	401	1
TRIBUTARY ARROYO COLORADO, TEX.	718,645	18,014	25
WATERWAY CONNECTING TOMBIGEE AND TENNESSEE RIVERS, ALA. AND MISS.	3,647,320	684,211	188
WATERWAY FROM EMPIRE, LA., TO GULF OF MEXICO	979,288	3,690	4
WATSON BAYOU, FLA.	763,265	1,190	2
ALLEGHENY RIVER, PA., (IMPROVED PORTION)	3,894,232	58,785	15
ATCHAFALAYA RIVER, LA.	12,600,012	884,462	70
BARKLEY CANAL, CUMBERLAND AND TENNESSEE RIVERS	7,479,630	14,959	2
BIG SANDY RIVER, TUG AND LEVISA FORKS, KY. AND W. VA.	8,182,171	42,298	5
CLINCH AND FERRY RIVERS, TENN.	250,714	1,265	5
CUMBERLAND RIVER ¹ MOUTH TO MILE 552 (NET)	15,289,601	1,460,954	96
MOUTH TO NASHVILLE, TENN.	19,278,694	1,424,966	93
NASHVILLE, TENN., TO MILE 552	743,635	35,988	48
GREEN AND BARREN RIVERS, KY.	9,321,784	689,466	72
HIMASSEE RIVER, TENN.	1,015,560	18,795	19
ILLINOIS RIVER, ILL.	38,431,170	7,613,068	198
KANAWHA RIVER, W. VA.	15,237,940	1,025,482	63
KASKASKIA RIVER, ILL.	2,783,537	67,379	24
KENTUCKY RIVER, KY.	106,100	6,897	65
LITTLE KANAWHA RIVER, W. VA.	635,489	1,789	3
LITTLE RIVER, LA.	281,982	28,480	101
MCCLELLAN - KERR ARKANSAS RIVER NAVIGATION SYSTEM	7,915,037	1,669,108	211
MINNESOTA RIVER, MINN.	3,309,655	47,138	14
MISSISSIPPI RIVER - GULF OUTLET, LA.	7,702,792	466,450	61
MISSISSIPPI RIVER ¹ MINNEAPOLIS, MINN., TO MOUTH OF PASSES (NET)	425,004,513	179,914,104	423
MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	81,617,560	15,242,571	187
MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	104,491,828	17,660,486	171
MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	167,759,000	104,547,786	623
BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	289,380,806	20,334,504	70
NEW ORLEANS, LA., TO MOUTH OF PASSES	255,972,635	21,928,758	86
MISSOURI RIVER ¹ FORT BENTON, MONT., TO THE MOUTH (NET)	6,735,963	1,057,526	157
KANSAS CITY TO THE MOUTH	6,315,938	769,223	122
OMAHA TO KANSAS CITY	1,564,692	251,432	161
SIOUX CITY TO OMAHA	429,472	36,872	86
MONONGAHELA RIVER, PA. AND W. VA.	32,872,525	1,366,807	42
MOUTH OF YAZOO RIVER, MISS.	1,681,031	7,485	4

* TON-MILES NOT REPORTED.

Waterborne Commerce of the United States, 1987

TABLE 5-- COMMERCE ON SELECTED WATERWAYS OF THE UNITED STATES, CALENDAR YEAR 1987--CONTINUED
(IN TONS OF 2,000 POUNDS)

WATERWAY	TONS	TOTAL TON-MILES (000 OMITTED)	MILES PER TON
OHIO RIVER, PITTSBURGH TO MOUTH-----	197,173,079	48,671,839	247
QUACHITA AND BLACK RIVERS, ARK. AND LA.-----	1,198,933	113,111	94
RED RIVER BELOW FULTON, ARK.-----	3,718,771	317,172	85
TENNESSEE RIVER, TENN., ALA. AND KY.-----	41,706,005	6,418,418	154
WHITE RIVER, ARK., BELOW BATESVILLE, ARK.-----	436,192	51,088	117
WOLF RIVER, TENN.-----	1,353,078	3,499	3
YAZOO RIVER, MISS.-----	371,516	25,819	69
CARQUINEZ STRAIT, CALIF.-----	27,345,013	186,438	7
COEUR D'ALENE LAKE AND ST. JOE RIVER, IDAHO-----	569,470	10,875	19
MOUTH TO INTERNATIONAL BOUNDARY (NET)-----	45,726,180	4,868,318	106
AT BAKER BAY, WASH.-----	6,654	7	1
COLUMBIA AND LOWER WILLAMETTE RIVERS BELOW VANCOUVER, WASH., AND PORTLAND, OREG.-----	45,662,083	3,330,506	73
VANCOUVER, WASH., TO THE DALLES, OREG.-----	9,235,986	614,104	66
COLUMBIA RIVER ABOVE THE DALLES DAM, WASH. AND OREG., TO McNARY LOCK, WASH.-----	6,972,064	672,317	96
COLUMBIA RIVER AND TRIBUTARIES ABOVE McNARY LOCK AND DAM TO KENNEWICK, WASH.-----	6,423,567	249,325	39
BETWEEN WENATCHEE AND KETTLE FALLS, WASH.-----	206,612	2,066	10
COLUMBIA RIVER*			
COOS AND MILLICOMA RIVERS, OREG.-----	980,536	7,949	8
LAKE WASHINGTON SHIP CANAL, WASH.-----	1,620,400	*	-----
MULTNOMAH CHANNEL, OREG.-----	1,182,379	7,342	6
OLD RIVER, CALIF.-----	132,330	3,270	25
PETALUMA RIVER, CALIF.-----	1,675,340	2,778	2
SACRAMENTO RIVER DEEP WATER SHIP CHANNEL, CALIF.-----	1,220,070	49,355	40
SACRAMENTO RIVER, CALIF.-----	1,400,217	52,304	37
SAN JOAQUIN RIVER, CALIF.-----	3,771,086	70,557	19
SAN PABLO AND MARE ISLAND STRAIT, CALIF.-----	34,744,637	383,310	11
BERGIUS AND WHITESTONE NARROWS, ALASKA-----	785,631	*	-----
SKAGIT RIVER, WASH.-----	244,855	2,931	12
SNAKE RIVER, OREG., WASH., AND IDAHO-----	4,644,925	400,738	86
SUISUN BAY CHANNEL, CALIF.-----	9,038,259	74,664	8
SWINOMISH CHANNEL, WASH.-----	1,643,098	4,771	3
UMPUJA RIVER, OREG.-----	368,438	5,352	15
WILLAMETTE RIVER ABOVE PORTLAND AND YAMHILL RIVER, OREG.-----	2,619,975	12,765	5
WRANGELL NARROWS, ALASKA-----	674,667	20,816	24
YUKON RIVER, ALASKA-----	41,364	14,491	350

* TON-MILES NOT REPORTED.

TABLE 6--TON-MILEAGE OF FREIGHT CARRIED ON THE INLAND WATERWAYS OF THE UNITED STATES, BY SYSTEM, CALENDAR YEARS 1986-1987
(000 OMITTED)

SYSTEM	1986	1987
ATLANTIC COAST WATERWAYS-----	25,660,089	25,875,650
GULF COAST WATERWAYS-----	38,975,691	37,900,545
PACIFIC COAST WATERWAYS-----	20,772,207	22,840,744
MISSISSIPPI RIVER SYSTEM, INCLUDING OHIO RIVER AND TRIBUTARIES-----	239,287,184	251,577,202
GREAT LAKES SYSTEM-----	67,900,541	72,542,831
TOTAL-----	392,603,712	410,736,972

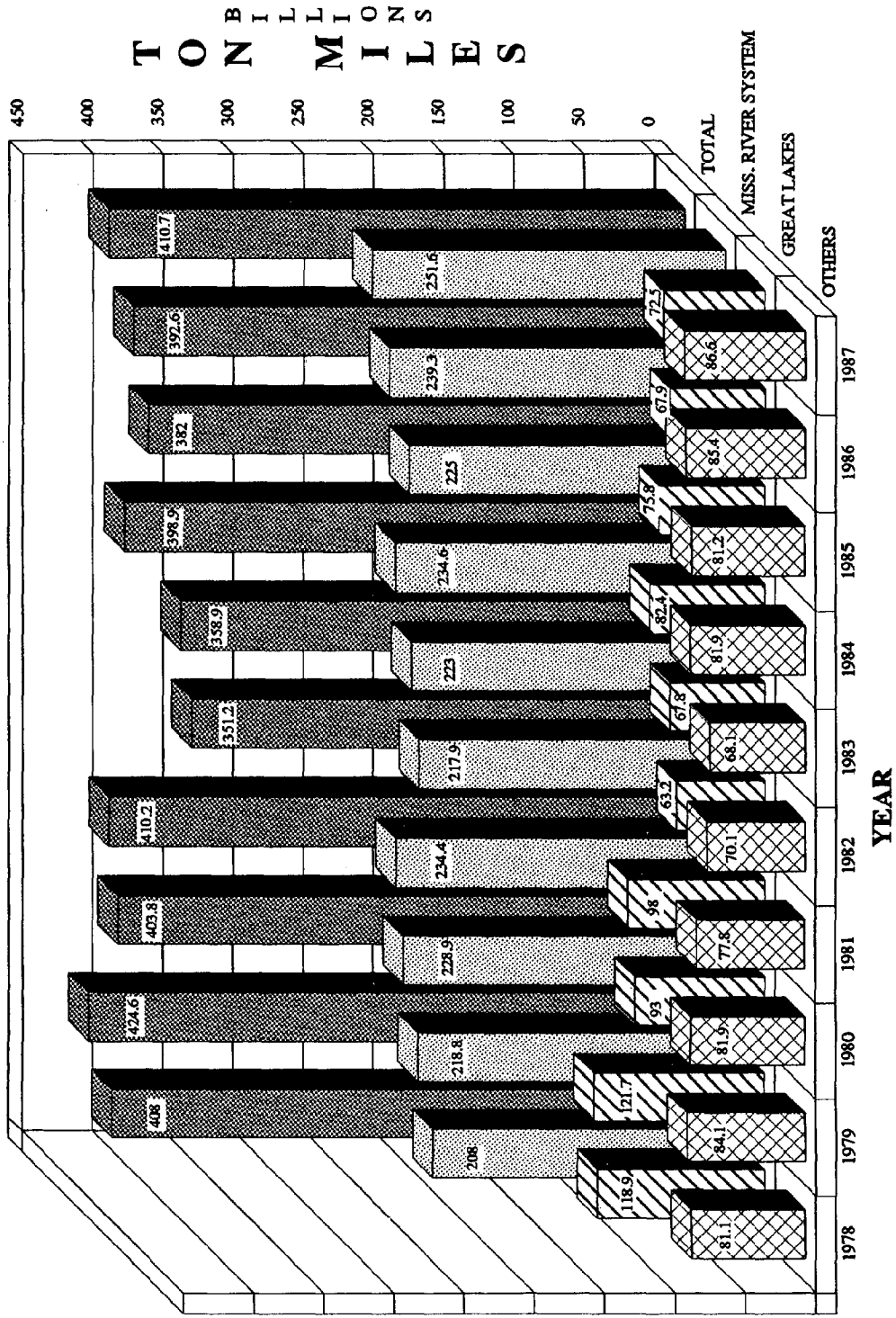
* DOES NOT INCLUDE TRAFFIC BETWEEN FOREIGN PORTS.

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TABLE 7 - TON-MILEAGE OF UNITED STATES FREIGHT CARRIED ON THE GREAT LAKES BY AREA, CALENDAR YEAR 1987
(000 OMITTED)

AREA	AREA TOTALS	FOREIGN						DOMESTIC					
		OVERSEAS		CANADIAN		COASTWISE		LAKEWISE		INTERNAL		LOCAL	
		RECEIPTS AND SHIPMENTS	THROUGH	RECEIPTS AND SHIPMENTS	THROUGH	RECEIPTS AND SHIPMENTS	THROUGH	RECEIPTS AND SHIPMENTS	THROUGH	RECEIPTS AND SHIPMENTS	THROUGH	RECEIPTS AND SHIPMENTS	
LAKE SUPERIOR	20,460,695	1,013,626	-----	1,962,020	-----	211	-----	17,503,985	-----	-----	-----	853	
ST. MARYS RIVER	3,670,971	6	171,680	-----	12,084	-----	50	-----	12,250	3,120,887	-----	-----	
LAKE MICHIGAN INCLUDING THE PORT OF CHICAGO (CHICAGO HARBOR, NORTH BRANCH, SOUTH BRANCH, SANITARY SHIP CANAL, CALUMET-SAG CHANNEL, LAKE CALUMET AND CALUMET HARBOR AND RIVER)	12,851,330	829,044	-----	1,111,459	-----	171	-----	10,492,337	-----	151	244,100	101,095	
LAKE HURON	15,983,247	11,403	1,266,945	-----	653,134	-----	176	-----	2,965,209	9,131,715	-----	8,828	
ST. CLAIR RIVER, INCLUDING CHANNELS IN LAKE ST. CLAIR	3,330,375	483	313,751	-----	4,433	-----	46	-----	153,065	2,224,580	-----	2,046	
DETROIT RIVER	1,659,971	20,866	170,909	-----	15,701	-----	13	-----	162,050	926,314	-----	1,112	
LAKE ERIE, INCLUDING UPPER NIAGARA RIVER	9,737,188	539,321	1,422,097	-----	3,420,994	-----	294	-----	3,486,271	8,352	1,435	5,425	
WELLSLAND CANAL	594,759	-----	245,638	-----	176	-----	36	-----	-----	1,600	-----	-----	
LAKE ONTARIO, INCLUDING LOWER NIAGARA RIVER	2,652,863	424	1,455,634	-----	384,131	-----	188	-----	2,861	6,260	86	-----	
ST. LAWRENCE RIVER, BETWEEN INTERNATIONAL BOUNDARY LINE AND LAKE ONTARIO	1,581,432	758	1,019,906	-----	5,061	-----	-----	-----	2,368	-----	-----	-----	
TOTAL	72,542,831	2,415,951	6,066,560	7,569,192	5,951,599	395	815	34,680,376	15,419,867	245,621	113,061	79,424	

TON-MILES OF FREIGHT CARRIED ON THE WATERWAYS OF THE UNITED STATES, 1978 - 1987



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TABLE 8--COMPARATIVE STATEMENT OF TRAFFIC ON THE MISSISSIPPI RIVER SYSTEM,* CALENDAR YEARS 1976-1987
(NET TRAFFIC)

YEAR	FOREIGN AND COASTWISE TRAFFIC					INLAND TRAFFIC	GRAND TOTAL
	FOREIGN		COASTWISE		TOTAL		
	IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS			
SHORT TONS							
1976	67,027,258	59,869,890	8,588,222	17,370,125	152,855,495	345,510,868	498,366,363
1977	96,028,423	59,628,562	9,720,794	19,905,140	185,292,919	351,543,917	536,826,836
1978	98,574,312	67,252,688	14,332,003	17,404,538	197,563,541	335,364,514	552,928,055
1979	105,858,988	73,255,062	12,780,791	20,274,910	212,169,751	370,797,973	582,927,724
1980	90,772,105	86,290,660	17,768,198	23,811,964	218,642,927	365,569,149	584,212,076
1981	80,094,423	98,269,761	21,553,015	23,189,745	223,106,944	362,930,042	586,036,986
1982	56,708,090	100,756,368	14,659,479	20,047,301	192,171,238	347,074,116	539,645,354
1983	32,320,125	95,763,623	18,317,757	20,782,593	167,184,088	351,953,271	519,137,359
1984	34,074,866	85,856,052	19,944,201	16,798,329	156,956,777	386,568,087	543,524,864
1985	27,040,313	81,009,372	21,739,390	19,167,347	148,956,422	378,852,148	527,808,570
1986	35,138,022	81,084,796	19,318,377	18,056,372	153,597,567	402,801,874	556,399,441
1987	38,087,066	93,688,566	17,941,514	19,505,233	169,222,369	414,175,845	583,398,214
TON-MILES (000 OMITTED)							
1976	11,713,368	8,829,962	1,473,469	2,639,613	24,656,412	164,839,947	189,496,359
1977	16,236,158	8,821,136	1,744,892	3,109,673	29,911,859	166,923,758	196,835,617
1978	16,771,655	10,103,652	2,707,942	2,740,761	32,324,013	176,483,653	208,807,666
1979	17,592,665	11,062,598	2,605,616	3,079,059	34,339,938	184,436,341	218,776,279
1980	15,135,789	12,965,425	3,550,956	3,786,062	35,438,232	193,492,234	228,930,466
1981	13,314,368	14,375,436	4,159,336	3,527,113	35,376,253	199,050,733	234,426,986
1982	8,803,571	15,130,210	2,955,205	3,211,367	30,100,353	187,890,327	217,990,680
1983	5,095,571	14,631,875	3,565,169	3,091,935	26,384,550	196,880,195	223,264,745
1984	5,225,849	13,130,115	3,539,022	2,436,699	24,331,685	210,297,576	234,629,261
1985	4,113,990	12,551,382	3,857,611	2,606,492	23,129,475	201,584,645	224,714,120
1986	5,505,532	12,619,942	3,508,647	2,479,850	24,113,971	215,179,481	239,293,452
1987	5,940,488	14,197,880	3,566,664	2,414,511	26,119,543	225,452,436	251,571,979

* INCLUDES THE MAIN CHANNELS AND ALL TRIBUTARIES OF THE MISSISSIPPI, ILLINOIS, MISSOURI, AND OHIO RIVERS.

TABLE 9--COMPARATIVE STATEMENT OF TRAFFIC ON THE MISSISSIPPI RIVER FROM MINNEAPOLIS, MN., TO THE MOUTH OF PASSES, CALENDAR YEARS 1976-1987
(NET TRAFFIC)

YEAR	FOREIGN AND COASTWISE TRAFFIC					INLAND TRAFFIC	GRAND TOTAL
	FOREIGN		COASTWISE		TOTAL		
	IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS			
SHORT TONS							
1976	67,027,258	59,869,890	8,588,222	17,370,125	152,855,495	203,328,232	356,183,727
1977	96,028,423	59,628,562	9,720,794	19,905,140	185,292,919	211,488,297	396,771,216
1978	98,574,312	67,252,688	14,332,003	17,404,538	197,563,541	215,502,119	413,065,660
1979	105,858,988	73,255,062	12,780,791	20,274,910	212,169,751	218,000,928	430,170,679
1980	90,772,105	86,290,660	17,768,198	23,811,964	218,642,927	222,901,151	441,544,078
1981	80,094,423	98,269,761	21,553,015	23,189,745	223,106,944	235,275,410	458,382,354
1982	56,708,090	100,756,368	14,659,479	20,047,301	192,171,238	215,427,418	407,598,656
1983	32,320,125	95,763,623	18,317,757	20,782,593	167,184,088	220,951,345	392,135,453
1984	34,074,866	85,856,052	19,944,201	16,798,329	156,956,777	240,389,289	397,346,066
1985	27,040,313	81,009,372	21,739,390	19,167,347	148,956,422	235,007,687	383,964,109
1986	35,138,022	81,084,796	19,318,377	18,056,372	153,597,567	246,346,276	399,943,743
1987	38,087,066	93,688,566	17,941,514	19,505,233	169,222,369	255,782,149	425,004,518
TON-MILES (000 OMITTED)							
1976	11,713,368	8,829,962	1,473,469	2,639,613	24,656,412	110,564,437	135,220,849
1977	16,236,158	8,821,136	1,744,892	3,109,673	29,911,859	109,554,793	139,466,652
1978	16,771,655	10,103,652	2,707,942	2,740,761	32,324,013	118,165,016	150,489,029
1979	17,592,665	11,062,598	2,605,616	3,079,059	34,339,938	120,669,620	155,009,558
1980	15,135,789	12,965,425	3,550,956	3,786,062	35,438,232	133,294,604	168,732,878
1981	13,314,368	14,375,436	4,159,336	3,527,113	35,376,253	138,912,272	174,330,525
1982	8,803,571	15,130,210	2,955,205	3,211,367	30,100,353	131,592,212	161,692,565
1983	5,095,571	14,631,875	3,565,169	3,091,935	26,384,550	139,888,494	166,273,044
1984	5,225,849	13,130,115	3,539,022	2,436,699	24,331,685	146,189,708	170,520,393
1985	4,113,990	12,551,382	3,857,611	2,606,492	23,129,475	135,360,480	158,489,955
1986	5,505,532	12,619,942	3,508,647	2,479,850	24,113,971	141,944,845	166,058,816
1987	5,940,488	14,197,880	3,566,664	2,414,511	26,119,543	153,794,561	179,914,104

TABLE 10--DOMESTIC BARGE TRAFFIC* COMMODITY BY TYPE OF TRAFFIC

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

COMMODITY	BARGE TRAFFIC						PERCENT BARGE TO TOTAL DOMESTIC	TOTAL DOMESTIC TRAFFIC	
	COASTWISE	LAKEWISE	INTERNAL	LOCAL	INTRA- TERRITORY	TOTAL			
FARM PRODUCTS									
0101 COTTON, RAW-----			4,510				4,510	57.2	7,888
0102 BARLEY AND RYE-----			765,103				765,214	100.0	765,214
0103 CORN-----	164,890		31,176,334	1,484			31,342,708	99.9	31,345,953
0104 OATS-----	2,341		210,729				213,070	99.4	214,255
0105 RICE-----	7,959		1,021,705				1,029,744	92.6	1,111,803
0106 SORGHUM GRAINS-----			1,964,109				1,964,109	99.3	1,968,504
0107 WHEAT-----	208,724		9,857,143	15,158			10,081,025	94.5	10,671,675
0111 SOYBEANS-----	3,347		18,067,964	9,913			18,081,224	99.9	18,082,918
0112 FLAXSEED-----									100
0119 OILSEEDS, NEC-----	338		30,442				30,780	96.6	31,877
0121 TOBACCO, LEAF-----									2,455
0122 HAY AND FODDER-----	2,116		24,683				26,799	94.5	28,368
0129 FIELD CROPS, NEC-----	365		52,355	108			52,848	83.2	63,510
0131 FRESH FRUITS-----	220,687						220,687	61.6	358,096
0132 BANANAS AND PLANTAINS-----									12,229
0133 COFFEE-----	319						319	.6	54,848
0134 COCOA BEANS-----									4,511
0141 FRESH AND FROZEN VEGETABLES-----	24,486		22,144				46,630	13.4	346,589
0151 LIVE ANIMALS-----	68,896						68,896	96.0	71,793
0161 ANIMALS AND PRODUCTS, NEC-----	428		2,235				2,663	12.8	20,886
0191 MISCELLANEOUS FARM PRODUCTS-----	15,122		2,674				17,796	76.4	23,296
FOREST PRODUCTS									
0841 CRUDE RUBBER AND ALLIED GUMS-----									1,071
0861 FOREST PRODUCTS, NEC-----	4,580						4,580	4.4	103,732
FRESH FISH & OTHER MARINE PRODUCTS									
0911 FRESH FISH, EXCEPT SHELLFISH-----	181		100				281		897,129
0912 SHELLFISH, EXCEPT PREPARED-----	540						540	.1	503,637
0913 MENHADEN-----									24
0931 MARINE SHELLS, UNMANUFACTURED-----			3,498,197				3,498,197	90.2	3,878,501
METALLIC ORES									
1011 IRON ORE AND CONCENTRATES-----	380	1,958,568	1,851,605	26,250			3,836,803	7.6	50,307,441
1021 COPPER ORE AND CONCENTRATES-----			66,427				66,427	100.0	66,427
1051 ALUMINUM ORES, CONCENTRATES-----			280,927				280,927	100.0	280,927
1061 MANGANESE ORES, CONCENTRATES-----		500	338,232	1,400			340,132	99.9	340,468
1091 NONFERROUS ORES, CONCENT, NEC-----	411		435,996				436,407	99.4	436,845
COAL									
1121 COAL AND LIGNITE-----	8,157,231	96,818	157,862,294	3,764,088			169,880,431	89.1	190,626,751
CRUDE PETROLEUM									
1311 CRUDE PETROLEUM-----	1,012,072	2,528	37,205,228	2,360,096	6,340		40,586,266	20.0	203,109,101
NONMETALLIC MINERALS, EXCEPT FUELS									
1411 LIMESTONE-----	159	90,778	5,569,658	9,921			5,670,516	21.1	26,818,714
1412 BUILDING STONE, UNWORKED-----									1,107
1442 SAND, GRAVEL, CRUSHED ROCK-----	2,374,912		53,978,825	7,731,085	2,500		64,087,322	98.5	65,065,552
1451 CLAY-----	1,386		712,677	60,491			774,554	86.5	895,310
1471 PHOSPHATE ROCK-----	6,444,023		54,508				6,498,531	100.0	6,498,531
1479 NATURAL FERTILIZER MATS, NEC-----			4,269				4,269	100.0	4,269
1492 SULPHUR, DRY-----	27,288						27,288	100.0	27,288
1493 SULPHUR, LIQUID-----			2,808,862	89,954			2,898,816	43.8	6,623,686
1494 GYPSUM, CRUDE AND PLASTERS-----	7,239		406,169				413,408	27.9	1,483,248
1499 NONMETALLIC MINERALS, NEC-----	86,148	1,720	3,952,673	64,689			4,105,230	82.8	4,958,257
ORDNANCE & ACCESSORIES									
1911 ORDNANCE AND ACCESSORIES-----	325						325	22.8	1,423
FOOD & KINDRED PRODUCTS									
2011 MEAT, FRESH, CHILLED, FROZEN-----	23,868						23,868	6.6	359,366
2012 MEAT AND PRODUCTS, NEC-----									64,865
2014 TALLOW, ANIMAL FATS AND OILS-----	9,660		56,735				66,395	99.2	66,951
2015 ANIMAL BY-PRODUCTS, NEC-----	188		11,080				11,268	77.2	14,603
2021 DAIRY PRODUCTS, NEC-----	2,079						2,079	3.4	61,342
2022 DRIED MILK AND CREAM-----									27,411
2031 FISH AND SHELLFISH, PREPARED-----	36,782		709				37,491	9.3	401,029
2034 VEGETABLES AND PREP, NEC-----	75,943		13,069				89,012	31.3	280,335
2039 PREP FRUIT AND VEG JUICE, NEC-----	139,996						139,996	27.4	511,673
2041 WHEAT FLOUR AND SEMOLINA-----	5,989		4,095				10,084	27.8	36,260
2042 ANIMAL FEEDS-----	132,188		8,444,254	24,856			8,601,298	98.6	8,725,475
2049 GRAIN MILL PRODUCTS, NEC-----	41,205		5,052,342				5,093,547	99.4	5,125,716
2061 SUGAR-----	816,335		456,775				1,273,110	56.5	2,255,174
2062 MOLASSES-----	52,229		564,176	93,413	4,750		714,569	85.0	840,481
2081 ALCOHOLIC BEVERAGES-----	56,040		51				56,091	12.9	435,856
2091 VEGETABLE OILS, MARG, SHORT-----	49,108		1,084,470	72,896			1,206,474	97.0	1,243,920
2092 ANIMAL OILS AND FATS, NEC-----	19		11,062	6,906			17,987	95.9	18,754
2094 GROCERIES-----	51,748		1,927				53,675	11.2	477,658
2095 ICE-----	140						140	.1	104,653
2099 MISCELLANEOUS FOOD PRODUCTS-----	997,936	11,200	78,668	4,800			1,092,604	68.7	1,590,660

*NON-SELF PROPELLED VESSELS.

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TABLE 10--DOMESTIC BARGE TRAFFIC-- COMMODITY BY TYPE OF TRAFFIC--CONTINUED

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

COMMODITY	BARGE TRAFFIC:					TOTAL	PERCENT BARGE TO TOTAL DOMESTIC	TOTAL DOMESTIC TRAFFIC
	COASTWISE	LAKELISE	INTERNAL	LOCAL	INTRA-TERRITORY			
TOBACCO PRODUCTS								
2111 TOBACCO MANUFACTURES-----	9,328					9,328	39.4	23,704
BASIC TEXTILES								
2211 BASIC TEXTILE PRODUCTS-----	1,661		23,780		4	25,445	36.3	70,185
2212 TEXTILE FIBERS, NEC-----	21		6,694			6,705	46.1	14,553
APPAREL & OTHER FINISHED TEXTILE PRODUCTS, INCLUDING KNIT								
2311 APPAREL-----	12,131					12,131	4.8	252,650
LUMBER & WOOD PRODS., EXC. FURNITURE								
2411 LOGS-----	921		619,291	2,625		622,837	99.8	624,172
2412 RAFTED LOGS-----								13,391,229
2413 FUEL WOOD, CHARCOAL, WASTES-----	4,168		130,433			134,601	91.3	147,428
2414 TIMBER, POSTS, POLES, PILING-----	21,957		14,145		3,193	39,295	91.7	42,843
2415 PULPWOOD, LOGS-----			3,532,762		7,000	3,539,762	99.9	3,540,112
2416 WOOD CHIPS, STAVES, MOLDINGS-----			3,259,954	44,620		3,304,574	99.9	3,304,623
2421 LUMBER-----	1,192,838		37,679		28	1,230,545	89.6	1,373,953
2431 VENEER, PLYWOOD, WORKED WOOD-----	45,661		48,228		507	94,396	65.2	144,773
2491 WOOD MANUFACTURES, NEC-----	124,471		3,614		50	128,135	73.6	174,080
FURNITURE & FIXTURES								
2511 FURNITURE AND FIXTURES-----	44,486		85			44,571	20.4	218,939
PULP, PAPER & ALLIED PRODUCTS								
2611 PULP-----	68,148		612,266			680,414	96.5	704,752
2621 STANDARD NEWSPRINT PAPER-----	9,620		40,028			49,648	69.1	71,802
2631 PAPER AND PAPERBOARD-----	13,338		391,066		409	404,813	65.1	622,215
2691 PULP AND PAPER PRODUCTS, NEC-----	151,515		990,888	7,149		1,149,552	83.7	1,372,688
PRINTED MATTER								
2711 PRINTED MATTER-----	6,430					6,430	30.2	21,270
CHEMICALS & ALLIED PRODUCTS								
2810 SODIUM HYDROXIDE-----	921,915		4,237,229	238,038		5,197,182	94.7	5,696,842
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	8,413	23,069	1,268,062	139,493		1,439,037	97.0	1,483,597
2812 DYES, PIGMENT, TANNING MATS-----								2,906
2813 ALCOHOLS-----	35,442		3,899,357	707,426		4,642,225	87.5	5,305,626
2814 RADIOACTIVE MATERIALS, WASTES-----	19		1,344			1,363	55.2	2,469
2817 BENZENE AND TOLUENE-----	40,047	38,254	4,452,732	1,492,547	3,874	6,027,454	93.2	6,468,125
2818 SULPHURIC ACID-----	98,048		1,539,070	532,540		2,169,658	99.9	2,172,400
2819 BASIC CHEMICALS AND PROD, NEC-----	1,128,992	63,805	19,856,635	2,133,126		23,182,558	84.7	27,374,260
2821 PLASTIC MATERIALS-----	2,990		5,578			8,568	7.2	118,488
2822 SYNTHETIC RUBBER-----			58,589			58,589	81.8	71,587
2823 SYNTHETIC (MAN-MADE) FIBERS-----								4,582
2831 DRUGS-----	28					28	.1	37,051
2841 SOAP-----	2,538		5,666			8,204	5.5	148,799
2851 PAINTS-----	1,528		5			1,533	4.9	31,385
2861 GUM AND WOOD CHEMICALS-----	25,394		330,251	6,630		362,275	86.1	420,679
2871 NITROGENOUS CHEM FERTILIZERS-----	552,146	37,976	4,700,300	42,870	8,000	5,339,292	99.0	5,394,261
2872 POTASSIC CHEM FERTILIZERS-----	135,294		1,417,633	17,631		1,570,558	99.9	1,570,675
2873 PHOSPHATIC CHEM FERTILIZERS-----	192,626		512,860	1,518		707,004	99.9	707,186
2876 INSECTICIDES, DISINFECTANTS-----	1,731		82			1,813	15.4	11,786
2879 FERTILIZER AND MATERIALS, NEC-----	1,034,686		5,005,353	29,755		6,069,794	99.7	6,089,746
2891 MISCELLANEOUS CHEMICAL PROD-----	70,514		364,179	8,001		442,694	68.2	648,706
PETROLEUM & COAL PRODUCTS								
2911 GASOLINE-----	23,999,522	407,611	27,344,493	9,195,880	416,635	61,364,141	75.5	81,326,982
2912 JET FUEL-----	2,531,672	25,969	4,360,259	344,998	362,769	7,625,667	73.6	10,358,034
2913 KEROSENE-----	382,014	1,242	802,678	320,292	9,379	1,515,604	61.4	2,468,424
2914 DISTILLATE FUEL OIL-----	12,053,996	280,184	17,533,459	10,645,570	828,007	41,341,216	72.9	56,715,453
2915 RESIDUAL FUEL OIL-----	9,917,532	328,587	35,769,333	23,988,703	2,276,124	72,280,279	70.4	90,979,409
2916 LUBRICATING OILS AND GREASES-----	236,761	42,000	2,697,965	258,627		3,237,353	55.3	5,854,194
2917 NAPHTHA, PETROLEUM SOLVENTS-----	375,333	1,400	4,091,161	1,177,630	642,655	6,288,179	83.4	7,541,043
2918 ASPHALT, TAR, AND PITCHES-----	3,229,065	432,222	5,878,685	735,798		10,275,770	95.0	10,817,191
2920 COKE, PETROLEUM COKE-----			4,275,830	433,357		4,709,187	94.3	4,995,151
2921 LIQUEFIED GASES-----	351,325		1,390,255	2,388		1,743,968	99.7	1,748,667
2951 ASPHALT BUILDING MATERIALS-----	6,589		3			6,592	29.0	22,706
2991 PETROLEUM AND COAL PROD, NEC-----	1,584,830		2,253,574	359,035		4,197,439	96.1	4,367,299
RUBBER & MISC. PLASTIC PRODUCTS								
3011 RUBBER AND MISC PLASTIC PROD-----	68,222		169			68,391	37.6	182,050
LEATHER & LEATHER PRODUCTS								
3111 LEATHER AND LEATHER PRODUCTS-----	13,022					13,022	46.9	27,747
STONE, CLAY, GLASS, & CONCRETE PROD.								
3211 GLASS AND GLASS PRODUCTS-----	8,890		5,862			14,752	36.5	40,386
3291 BUILDING CEMENT-----	1,620,440		6,112,861	669,324		8,402,625	72.8	11,536,949

*NON-SELF PROPELLED VESSELS.

Waterborne Commerce of the United States, 1987

TABLE 10--DOMESTIC BARGE TRAFFIC* COMMODITY BY TYPE OF TRAFFIC--CONTINUED

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

COMMODITY	BARGE TRAFFIC					TOTAL	PERCENT BARGE TO TOTAL DOMESTIC	TOTAL DOMESTIC TRAFFIC
	COASTWISE	LAKENISE	INTERNAL	LOCAL	INTRA-TERRITORY			
STONE, CLAY, GLASS, & CONCRETE PROD. (CONTINUED)								
3251 STRUCTURAL CLAY PRODUCTS-----	1,477		9,458			10,935	13.4	81,621
3271 LIME-----	2,094		1,368,143			1,370,237	99.9	1,370,959
3281 CUT STONE AND STONE PRODUCTS-----	886		1,405			2,091	11.1	18,764
3291 MISC NONMETALLIC MINERAL PROD-----	53,180		147,840	4,420		205,440	62.5	328,546
PRIMARY METAL PRODUCTS								
3311 PIG IRON-----	166		170,078			170,244	99.9	170,280
3312 SLAG-----	14,593		708,197			722,790	50.7	1,424,572
3313 COKE, PET ASPHALTS, SOLVENTS-----								113
3314 IRON AND STEEL PRIMARY FORMS-----	5,837	53,877	1,509,120	11,585		1,580,419	99.6	1,586,977
3315 IRON, STEEL SHAPES, EXC SHEET-----	22,793		1,839,778	5,163		1,867,734	97.5	1,914,852
3316 IRON AND STEEL PLATES, SHEETS-----	3,279		583,385	13,803		600,467	96.7	620,733
3317 IRON AND STEEL PIPE AND TUBE-----	22,114		566,169	6,414		594,697	51.8	1,147,497
3318 FERROALLOYS-----			914,729	7,212		921,941	98.6	935,207
3319 IRON AND STEEL PRODUCTS, NEC-----	21,290	7,230	368,820			397,340	95.4	416,454
3321 NONFERROUS METALS, NEC-----	20		8,762	120		8,902	63.6	13,994
3322 COPPER ALLOYS, UNWORKED-----	160		35,969	2,048		38,177	79.9	47,794
3323 LEAD AND ZINC, UNWORKED-----	18		83,236	1,055		84,309	97.7	86,294
3324 ALUMINUM AND ALLOYS, UNWORKED-----			71,002	1,068		72,070	86.3	83,464
FABRICATED METAL PRODUCTS, EXCEPT ORDNANCE, MACHINERY, & TRANS. EQUIP.								
3411 FABRICATED METAL PRODUCTS-----	1,199,421	72,453	68,475	22,248	17	1,362,614	79.9	1,706,458
MACHINERY, EXCEPT ELECTRICAL								
3511 MACHINERY, EXCEPT ELECTRICAL-----	134,890		119,370	8,672		262,932	36.0	730,465
ELECTRICAL MACHINERY, EQUIPMENT & SUPPLIES								
3611 ELECTRICAL MACH AND EQUIP-----	22,840		6,171		510	29,521	23.2	127,446
TRANSPORTATION EQUIPMENT								
3711 MOTOR VEHICLES, PARTS, EQUIP-----	592,889		14,638	36		607,563	70.8	858,138
3721 AIRCRAFT AND PARTS-----	80		1,735			1,815	63.4	2,862
3731 SHIPS AND BOATS-----	16,917		2,723			19,640	84.5	23,252
3791 MISC TRANSPORTATION EQUIPMENT-----	92,038		1,417	43		93,498	97.5	95,880
INSTRUMENTS, PHOTOGRAPHIC & OPTICAL GOODS, WATCHES & CLOCKS								
3811 INSTR, TIME, PHOTO, OPT GOODS-----	24,686		158			24,844	70.5	35,255
MISC. PRODUCTS OF MANUFACTURING								
3911 MISC MANUFACTURED PRODUCTS-----	24,635		16,297	75		41,007	2.7	1,529,610
WASTE & SCRAP MATERIALS								
4011 IRON AND STEEL SCRAP-----	71,047		2,820,566	483,134		3,382,747	99.7	3,391,314
4012 NONFERROUS METAL SCRAP-----			10,930			10,930	50.7	21,563
4022 TEXTILE WASTE, SCRAP, SWEEP-----								4,908
4024 PAPER WASTE AND SCRAP-----	46					46	4.1	1,120
4029 WASTE AND SCRAP, NEC-----	211,813		13,336,593	5,652,071		19,201,277	84.4	22,763,037
SPECIAL ITEMS								
4111 WATER-----	7,675		18,786	38,950		65,411	7.3	899,290
4112 COMMODITIES, NEC-----	1,313,695	288	125,292	309,987		1,749,262	40.2	4,352,197
4119 EMPTY CONTAINERS-----	18,217		17,415	278		35,910	56.2	63,904
9999 DEPARTMENT OF DEFENSE AND SCI-----								
TOTAL-----	87,547,331	3,978,279	542,845,342	74,453,454	4,559,559	713,383,965	66.3	1,076,478,216
TOTAL DOMESTIC TRAFFIC-----	323,518,318	96,483,652	569,826,970	81,951,080	4,698,196	1,076,478,216	-----	-----
PERCENT BARGE TO TOTAL DOMESTIC-----	27.1	4.1	95.3	90.9	97.0	66.3	-----	-----

*NON-SELF PROPELLED VESSELS.

Section 2

DOMESTIC INLAND TRAFFIC
AREAS OF ORIGIN AND DESTINATION
OF PRINCIPAL COMMODITIES

DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

TABLE 1--DOMESTIC INLAND MOVEMENTS OF GRAINS, SOYBEANS, SUGAR AND MOLASSES
SHIPPING AREA BY RECEIVING AREA

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CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	CORN (CODE 0103)	OTHER GRAINS (CODES 0102, 0104, 0105, 0106)	WHEAT (CODE 0107)	SOYBEANS (CODE 0111)	SUGAR (CODE 2061)	MOLASSES (CODE 2062)
TOTAL, ALL SHIPPING AREAS	31,180,690	3,961,726	9,872,301	18,079,472	456,775	657,589
CHESAPEAKE BAY/ HAMPTON ROADS, VA.		2,838	1,289			
WANTICOKE RIVER, DEL. AND MD./ HAMPTON ROADS, VA.		11,268	1,515	1,325		
POTOMAC RIVER AND TRIBUTARIES/ HAMPTON ROADS, VA.			6,344			
RAPPAHANNOCK RIVER, VA./ CHESAPEAKE BAY HAMPTON ROADS, VA.	4,308		4,292 10,312	5,521		
TOTAL, SHIPPING AREA	4,308		14,604	5,521		
YORK RIVER, VA./ HAMPTON ROADS, VA.	6,445		18,046	19,335		
HAMPTON ROADS, VA./ HAMPTON ROADS, VA.				3,867		
ATLANTIC INTRACOASTAL WATERWAY/ DISMAL SWAMP CANAL ROUTE/ HAMPTON ROADS, VA.			16,757	12,890		
CROATON AND PAMLICO SOUNDS, N.C./ HAMPTON ROADS, VA.				1,340		
SAVANNAH RIVER, GA./ MANTUA CREEK, N.J.					4,653	
GULF INTRACOASTAL WATERWAY/ APALACHEE BAY, FLA., TO MOBILE BAY, ALA./ HARRIOR RIVER SYSTEM				1,400		
GULF INTRACOASTAL WATERWAY/ MOBILE BAY, ALA., TO NEW ORLEANS, LA., GALVESTON BAY, TEXAS			16,600 1,485	31,253		
MISSISSIPPI RIVER/ BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.			4,896	3,842		
TOTAL, SHIPPING AREA			22,961	36,495		
APALACHICOLA, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA./ HARRIOR RIVER SYSTEM			9,368	5,958		
MISSISSIPPI RIVER/ NEW ORLEANS, LA., TO MOUTH OF PASSES				1,345		
MISSISSIPPI RIVER/ BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.			3,477	5,946		
TOTAL, SHIPPING AREA			12,845	13,249		
HARRIOR RIVER SYSTEM/ HARRIOR RIVER SYSTEM			3,895	53,770		
GULF INTRACOASTAL WATERWAY/ MOBILE BAY, ALA., TO NEW ORLEANS, LA., MISSISSIPPI RIVER/ NEW ORLEANS, LA., TO MOUTH OF PASSES			4,309	3,932		
MISSISSIPPI RIVER/ BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		11,917	21,082	40,455		
TENNESSEE RIVER, TENN., ALA. AND KY.				26,142		
TOTAL, SHIPPING AREA		11,917	29,276	127,327		
ALABAMA-COOSA RIVERS, ALA. AND GA./ HARRIOR RIVER SYSTEM			1,100	9,576		
GULF INTRACOASTAL WATERWAY/ MOBILE BAY, ALA., TO NEW ORLEANS, LA./ GULF INTRACOASTAL WATERWAY/ APALACHEE BAY, FLA., TO MOBILE BAY, ALA.		7,402	1,300			
HARRIOR RIVER SYSTEM			2,207			
GULF INTRACOASTAL WATERWAY/ MOBILE BAY, ALA., TO NEW ORLEANS, LA., GALVESTON BAY, TEXAS			6,585 1,474			
MISSISSIPPI RIVER/ NEW ORLEANS, LA., TO MOUTH OF PASSES	1,643	2,800		766		
MISSISSIPPI RIVER/ BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	1,400	22,614	2,959	3,951		1,346
MISSISSIPPI RIVER/ MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER						1,346
TOTAL, SHIPPING AREA	3,043	32,816	14,525	4,717		
GULF INTRACOASTAL WATERWAY/ MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.						7,775
VERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.	1,400					20,586
GALVESTON BAY, TEXAS						1,048
MISSISSIPPI RIVER/ NEW ORLEANS, LA., TO MOUTH OF PASSES	3,164			4,637	184,618	
MISSISSIPPI RIVER/ BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	1,568		1,560	7,476	45,492	
MISSISSIPPI RIVER/ MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER					4,444	1,097
MISSISSIPPI RIVER/ MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER						1,192
MISSOURI RIVER						6,091
ILLINOIS RIVER, ILL.						2,718
TOTAL, SHIPPING AREA	6,132		1,560	12,113	234,554	40,457
ATCHAFALAYA RIVER, LA./ MISSISSIPPI RIVER/ NEW ORLEANS, LA., TO MOUTH OF PASSES	24,159			24,479		
MISSISSIPPI RIVER/ BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	41,620		1,560	34,980		
TOTAL, SHIPPING AREA	65,779		1,560	59,459		

Waterborne Commerce of the United States, 1987

TABLE 1--DOMESTIC INLAND MOVEMENTS OF GRAINS, SOYBEANS, SUGAR AND MOLASSES--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	CORN (CODE 0103)	OTHER GRAINS (CODES 0102, 0104, 0105, 0106)	WHEAT (CODE 0107)	SOYBEANS (CODE 0111)	SUGAR (CODE 2061)	MOLASSES (CODE 2062)
DOCHITA AND BLACK RIVERS, ARK. AND LA./						
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES	5,406	2,871		16,474		
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	14,819	82,753	12,914	106,343		
TOTAL, SHIPPING AREA	20,225	85,624	12,914	122,817		
MERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA./						
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.				1,770		
SABINE-NECHES WATERWAY, TEXAS						2,904
GALVESTON BAY, TEXAS			4,865			5,776
GULF INTRACOASTAL WATERWAY' GALVESTON TO CORPUS CHRISTI, TEXAS		69,085				
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES	1,491	2,576	4,397	10,374		6,042
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.						
ARKANSAS RIVER, ARK.	9,577	8,957	6,241	137,187		3,869
TOTAL, SHIPPING AREA	11,068	80,618	15,503	149,331		18,591
CALCASIEU RIVER AND PASS, LA./						
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES				33,798		
SABINE-NECHES WATERWAY, TEXAS/						
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES		2,800		4,683		
GULF INTRACOASTAL WATERWAY' SABINE RIVER TO GALVESTON, TEXAS/						
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES		1,400				
GALVESTON BAY, TEXAS/						
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES		410	7,661			
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.			7,915	20,672	2,732	
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE						1,364
TOTAL, SHIPPING AREA		8,325	28,333	2,732		1,364
GULF INTRACOASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER/						
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES			2,440		89,817	
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES/						
WARRIOR RIVER SYSTEM						2,978
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.			27,672			
MERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.						5,028
SABINE-NECHES WATERWAY, TEXAS			1,539			
GALVESTON BAY, TEXAS						17,490
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES						1,400
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	3,019	1,300	1,578	2,675		4,790
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	1,511					6,961
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER				1,000		23,803
ARKANSAS RIVER, ARK.				1,400		12,105
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE						10,183
MISSOURI RIVER						7,878
ILLINOIS RIVER, ILL.	1,350					
PORT OF CHICAGO, ILL.					45,656	42,205
TOTAL, SHIPPING AREA	5,880	1,300	36,046	5,075	45,656	154,821
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA./						
GULF INTRACOASTAL WATERWAY' APALACHEE BAY, FLA., TO MOBILE BAY, ALA.		5,939				
WARRIOR RIVER SYSTEM		10,878		6,135		
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.	1,566		16,703			
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.						1,432
MERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.						11,865
GALVESTON BAY, TEXAS						12,135
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES	4,736	68,344	9,224	10,664	3,225	1,419
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.						
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	3,013	6,235	36,893	9,373	36,279	
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	3,177	33,883		1,500		
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER		11,581	2,918			46,984
YAZOO RIVER AND MOUTH, MISS.	3,117	2,972	1,400	1,518		48,542
ARKANSAS RIVER, ARK.		3,646				
WOLF RIVER, TENN.	7,759					20,917
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE			13,277	1,400	1,419	5,946
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON						7,679
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH						7,690
TENNESSEE RIVER, TENN., ALA. AND KY.	1,610	11,309				
CUMBERLAND RIVER, TENN. AND KY.						9,917
NOYONGAMELA RIVER, PA. AND W.VA.					13,508	
ALLEGHENY RIVER, PA.		13,190				
MISSOURI RIVER						39,131
ILLINOIS RIVER, ILL.	2,678					15,980
BLACK RIVER, WIS.						8,361
MINNESOTA RIVER, MINN.						14,482
PORT OF CHICAGO, ILL.					6,508	34,291
TOTAL, SHIPPING AREA	33,942	181,254	79,202	23,170	72,156	283,975

DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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TABLE 1--DOMESTIC INLAND MOVEMENTS OF GRAINS, SOYBEANS, SUGAR AND MOLASSES--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	CORN (CODE 0103)	OTHER GRAINS (CODES 0102, 0104, 0105, 0106)	WHEAT (CODE 0107)	SOYBEANS (CODE 0111)	SUGAR (CODE 2061)	MOLASSES (CODE 2062)
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA./						
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.		8,488	3,270	1,223		
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.				1,575		
BAYOU VERMILION, LA.		1,541				
CALCASIEU RIVER AND PASS, LA.		1,334				
GALVESTON BAY, TEXAS		94,122	2,691			
GULF INTRACOASTAL WATERWAY' GALVESTON TO CORPUS CHRISTI, TEXAS		58,141				
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES	118,732		255,524	588,930		
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	206,658	945,063	654,566	1,469,098		
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	4,532	3,023		14,917		
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER		1,618	1,673			
YAZOO RIVER AND MOUTH, MISS.	2,327			73,495		
ARKANSAS RIVER, ARK.		1,614				
WOLF RIVER, TENN.				1,312		
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE	1,348		1,600	1,283		
TENNESSEE RIVER, TENN., ALA. AND KY.			6,420	1,458		
ILLINOIS RIVER, ILL.		1,491				
TOTAL, SHIPPING AREA	331,597	1,382,719	925,744	2,154,361		
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER/ GULF INTRACOASTAL WATERWAY' APALACHEE BAY, FLA., TO MOBILE BAY, ALA.	5,715					
WARRIOR RIVER SYSTEM	1,458					
GULF INTRACOASTAL WATERWAY' PLAQUEMINE TO MORGAN CITY ROUTE, LA.			3,000			
MERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.	1,684	4,509				
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES	706,509	128,475	226,317	363,636		
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	1,232,418	407,556	620,815	1,158,564	5,954	
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	9,431	2,957		7,967		
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER			2,802			
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER			3,896			
YAZOO RIVER AND MOUTH, MISS.	2,959			9,212		
ARKANSAS RIVER, ARK.	22,607					
WOLF RIVER, TENN.	1,604			6,510		
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE	1,507		5,904	7,356		
TENNESSEE RIVER, TENN., ALA. AND KY.	125,537		104,758	38,874		
ILLINOIS RIVER, ILL.	1,600	1,400	4,310			
TOTAL, SHIPPING AREA	2,113,029	544,897	971,802	1,590,119	5,954	
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER/ GULF INTRACOASTAL WATERWAY' APALACHEE BAY, FLA., TO MOBILE BAY, ALA.	27,970	1,497				
APALACHICOLA, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA.		965				
WARRIOR RIVER SYSTEM		1,444		3,148		
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.	2,973					
MERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.	1,642					
GALVESTON BAY, TEXAS		1,459				
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES	3,714,681	28,158	144,414	866,296		
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	7,755,112	73,959	500,382	4,290,111		
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	25,516	2,946	3,152	37,023		
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	6,217		4,412	2,974		10,577
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	10,206		15,902	22,880		
YAZOO RIVER AND MOUTH, MISS.	25,657			22,641		
ARKANSAS RIVER, ARK.	14,312					
WOLF RIVER, TENN.	34,075			60,102		
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE	4,177		13,472	31,176		
TENNESSEE RIVER, TENN., ALA. AND KY.	401,740	14,467	67,929	188,228		
ILLINOIS RIVER, ILL.	6,139	1,458				
MINNESOTA RIVER, MINN.	1,507					
TOTAL, SHIPPING AREA	12,031,924	126,523	751,122	5,524,587		10,577
YAZOO RIVER AND MOUTH, MISS./						
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES		2,900	1,616	7,762		
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	1,496	37,711	21,382	20,377		
TOTAL, SHIPPING AREA	1,496	40,611	22,998	28,139		
ARKANSAS RIVER, ARK./						3,888
WARRIOR RIVER SYSTEM						
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.		4,344				
GALVESTON BAY, TEXAS	2,797	10,688	4,286			1,293
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES	10,968	18,681	279,965	62,852		
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	4,319	149,535	227,099	179,253		
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.				4,107		
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER			1,501			
YAZOO RIVER AND MOUTH, MISS.				4,550		
ARKANSAS RIVER, ARK.	4,815	1,400	700			
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE	1,486		11,106			
TENNESSEE RIVER, TENN., ALA. AND KY.			19,283			
TOTAL, SHIPPING AREA	24,385	184,628	543,940	270,762		5,141

Waterborne Commerce of the United States, 1987

TABLE 1--DOMESTIC INLAND MOVEMENTS OF GRAINS, SOYBEANS, SUGAR AND MOLASSES--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	CORN (CODE 0103)	OTHER GRAINS (CODES 0102, 0104, 0105, 0106)	WHEAT (CODE 0107)	SOYBEANS (CODE 0111)	SUGAR (CODE 2061)	MOLASSES (CODE 2062)
WHITE RIVER, ARK./						
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES		4,267	1,247	28,499		
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		28,603	29,663	167,290		
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.			530			
YAZOO RIVER AND MOUTH, MISS.				41,502		
WHITE RIVER, ARK.			1,239			
TOTAL, SHIPPING AREA		32,870	32,679	237,291		
ST. FRANCIS AND LANGUILLE RIVERS AND BLACKFISH BAYOU, ARK./						
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES			1,542			
MOLF RIVER, TENN./						
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA., GALVESTON BAY, TEXAS			3,053			
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES	7,595	41,207	170,865	156,210		
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	4,192	133,346	231,217	252,828		
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.				11,519		
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER			3,086			
YAZOO RIVER AND MOUTH, MISS.				4,351		
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE			6,137			
TENNESSEE RIVER, TENN., ALA. AND KY.			21,511	4,514		
TOTAL, SHIPPING AREA	11,787	174,553	437,619	429,422		
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE/						
GULF INTRACOASTAL WATERWAY' APALACHEE BAY, FLA., TO MOBILE BAY, ALA.	2,850					
APALACHEE, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA.	4,300					
WARRIOR RIVER SYSTEM	4,040					
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.	1,300		2,968			
MENTAUBAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.	15,329	11,408				
GALVESTON BAY, TEXAS			3,982			
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES	797,202	34,582	126,598	314,533		
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	2,118,347	207,551	548,271	1,286,832	1,450	
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	27,624			19,045		
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	1,692					
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER			3,053			
YAZOO RIVER AND MOUTH, MISS.	5,957			11,404		
ARKANSAS RIVER, ARK., MISS.	4,176					
MOLF RIVER, TENN.	71,365			5,604		
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE	2,997		7,928	46,164		
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON	1,465					
TENNESSEE RIVER, TENN., ALA. AND KY.	441,672		84,298	132,040		
TOTAL, SHIPPING AREA	3,500,316	257,523	773,016	1,815,702	1,450	
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON/						
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES	2,837			2,923		
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	17,067			10,097		
YAZOO RIVER AND MOUTH, MISS.				1,493		
TENNESSEE RIVER, TENN., ALA. AND KY.				2,683		
TOTAL, SHIPPING AREA	19,904			17,196		
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH/						
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES	2,902	1,672				
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	12,249		1,344	2,965		
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	1,667					
TENNESSEE RIVER, TENN., ALA. AND KY.	1,430					
TOTAL, SHIPPING AREA	18,248	1,672	1,344	2,965		
TENNESSEE RIVER, TENN., ALA. AND KY./						
WARRIOR RIVER SYSTEM	7,436					
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.			1,524			
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES	30,037	9,062	15,273	9,160		
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	17,566	12,792	37,725	30,195		
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.			1,534			
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER			1,409			
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE				1,564		
TENNESSEE RIVER, TENN., ALA. AND KY.	167,188	2,496	32,377	115,326		
CUMBERLAND RIVER, TENN. AND KY.	1,400			1,351		
MINNESOTA RIVER, MINN.						
TOTAL, SHIPPING AREA	223,627	24,350	89,842	157,596		
CUMBERLAND RIVER, TENN. AND KY./						
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.			1,398			
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES	2,791			9,033		
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	32,472		48,031	66,763		
TENNESSEE RIVER, TENN., ALA. AND KY.	16,898			2,999		
TOTAL, SHIPPING AREA	52,161		49,429	78,795		

DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

TABLE 1--DOMESTIC INLAND MOVEMENTS OF GRAINS, SOYBEANS, SUGAR AND MOLASSES--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987
(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	CORN (CODE 0103)	OTHER GRAINS (CODES 0102, 0104, 0105, 0106)	WHEAT (CODE 0107)	SOYBEANS (CODE 0111)	SUGAR (CODE 2061)	MOLASSES (CODE 2062)
GREEN AND BARREN RIVERS, KY./ GULF INTRACOASTAL WATERWAY/ APALACHEE BAY, FLA., TO MOBILE BAY, ALA.	1,479					
MISSISSIPPI RIVER/ NEW ORLEANS, LA., TO MOUTH OF PASSES	5,895		1,359			
MISSISSIPPI RIVER/ BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	10,451		2,754	36,829		
YAZOO RIVER AND MOUTH, MISS.				5,927		
OHIO RIVER/ ENGINEER DISTRICT, LOUISVILLE				2,983		
TENNESSEE RIVER, TENN., ALA. AND KY.	1,506					
TOTAL, SHIPPING AREA	19,331		4,113	45,739		
KANAWHA RIVER, W.VA./ MISSISSIPPI RIVER/ NEW ORLEANS, LA., TO MOUTH OF PASSES	2,999					
MISSOURI RIVER/ GALVESTON BAY, TEXAS	1,374					
MISSISSIPPI RIVER/ NEW ORLEANS, LA., TO MOUTH OF PASSES	75,673	8,674	31,857	105,038		
MISSISSIPPI RIVER/ BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	116,580	32,206	46,531	190,024		
MISSISSIPPI RIVER/ MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	1,419			8,728		
MISSISSIPPI RIVER/ MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER						1,233
ARKANSAS RIVER, ARK.	1,386	2,985				
OHIO RIVER/ ENGINEER DISTRICT, LOUISVILLE			14,610	2,547		
TENNESSEE RIVER, TENN., ALA. AND KY.			35,139			
MISSOURI RIVER						3,982
TOTAL, SHIPPING AREA	196,432	43,865	128,137	306,337		5,215
ILLINOIS RIVER, ILL./ WARRIOR RIVER SYSTEM	4,278					
GULF INTRACOASTAL WATERWAY/ MOBILE BAY, ALA., TO NEW ORLEANS, LA.	16,650			9,843		
MERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.	20,653				1,285	
GULF INTRACOASTAL WATERWAY/ GALVESTON TO CORPUS CHRISTI, TEXAS	1,538					
GULF INTRACOASTAL WATERWAY/ CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER	1,379			1,426		
MISSISSIPPI RIVER/ NEW ORLEANS, LA., TO MOUTH OF PASSES	2,225,205	13,247	44,957	490,088		
MISSISSIPPI RIVER/ BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	7,708,940	16,151	124,324	2,643,567		
MISSISSIPPI RIVER/ MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	39,299			32,307		
MISSISSIPPI RIVER/ MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	4,491		16,858	5,990		
MISSISSIPPI RIVER/ MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	1,600			11,302		
YAZOO RIVER AND MOUTH, MISS.	4,469			1,516		
ARKANSAS RIVER, ARK.	1,654					
WOLF RIVER, TENN.	195,816		11,874	114,642		
OHIO RIVER/ ENGINEER DISTRICT, LOUISVILLE				17,069		
OHIO RIVER/ ENGINEER DISTRICT, HUNTINGTON				1,841		
TENNESSEE RIVER, TENN., ALA. AND KY.	572,284		1,519	91,747		
ILLINOIS RIVER, ILL.	1,491					
PORT OF CHICAGO, ILL.	1,417					
TOTAL, SHIPPING AREA	10,801,164	29,398	199,532	3,420,138	1,285	
BLACK RIVER, WIS./ MISSISSIPPI RIVER/ BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	6,199			1,403		
MINNESOTA RIVER, MINN./ GALVESTON BAY, TEXAS			2,791			
MISSISSIPPI RIVER/ NEW ORLEANS, LA., TO MOUTH OF PASSES	269,247		122,483	232,864		
MISSISSIPPI RIVER/ BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	693,359	1,437	231,316	794,765		4,222
MISSISSIPPI RIVER/ MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	18,641			1,500		
MISSISSIPPI RIVER/ MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	1,396					
MISSISSIPPI RIVER/ MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	1,581		11,618	99,138		
YAZOO RIVER AND MOUTH, MISS.	4,451					
ARKANSAS RIVER, ARK.	1,763					
WOLF RIVER, TENN.	105,214					
TENNESSEE RIVER, TENN., ALA. AND KY.	123,428	4,246	60,736	29,500		
ILLINOIS RIVER, ILL.	1,530					
TOTAL, SHIPPING AREA	1,220,610	5,723	428,944	1,157,767		4,222
LAKE MICHIGAN/ MISSISSIPPI RIVER/ NEW ORLEANS, LA., TO MOUTH OF PASSES	7,166					
MISSISSIPPI RIVER/ BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	18,026		2,842	44,350		
TENNESSEE RIVER, TENN., ALA. AND KY.	1,370		1,431			
TOTAL, SHIPPING AREA	26,562		4,273	44,350		
PORT OF CHICAGO, ILL./ MERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.					1,248	
MISSISSIPPI RIVER/ NEW ORLEANS, LA., TO MOUTH OF PASSES	193,958		30,969	59,416		
MISSISSIPPI RIVER/ BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	159,898		25,590	65,663		
MISSISSIPPI RIVER/ MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.				8,176		
MISSISSIPPI RIVER/ MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	1,621					
WOLF RIVER, TENN.	4,385			10,159		
TENNESSEE RIVER, TENN., ALA. AND KY.	30,515	2,937	4,832	4,353		

Waterborne Commerce of the United States, 1987

TABLE 1--DOMESTIC INLAND MOVEMENTS OF GRAINS, SOYBEANS, SUGAR AND MOLASSES--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	CORN (CODE 0103)	OTHER GRAINS (CODES 0102, 0104, 0105, 0106)	WHEAT (CODE 0107)	SOYBEANS (CODE 0111)	SUGAR (CODE 2061)	MOLASSES (CODE 2062)
ILLINOIS RIVER, ILL.	22,758					
TOTAL, SHIPPING AREA	413,135	2,937	61,391	147,767	1,248	
LOS ANGELES AND LONG BEACH HARBORS, CALIF./ LOS ANGELES AND LONG BEACH HARBORS, CALIF.						64,565
SAN FRANCISCO BAY AREA/ SAN JOAQUIN RIVER, CALIF.						53,259
COLUMBIA RIVER/ VANCOUVER, WASH., TO THE MOUTH/ COLUMBIA RIVER/ VANCOUVER, WASH., TO THE MOUTH/ COLUMBIA RIVER/ ABOVE CELILO FALLS TO KENNEWICK, WASH. WILLAMETTE AND YAMHILL RIVERS, OREG.	44	4,660	14,413			4,608 8,845
TOTAL, SHIPPING AREA	44	4,660	14,413			15,453
COLUMBIA RIVER/ VANCOUVER, WASH., TO THE DALLES, OREG./ COLUMBIA RIVER/ VANCOUVER, WASH., TO THE MOUTH/ WILLAMETTE AND YAMHILL RIVERS, OREG.		6,459	22,866 56,115			
TOTAL, SHIPPING AREA		6,459	78,981			
COLUMBIA RIVER/ ABOVE CELILO FALLS TO KENNEWICK, WASH./ COLUMBIA RIVER/ VANCOUVER, WASH., TO THE MOUTH/ WILLAMETTE AND YAMHILL RIVERS, OREG.	8,918	31,840 101,145	615,400 735,535	216		
TOTAL, SHIPPING AREA	8,918	132,985	1,350,935	216		
WILLAMETTE AND YAMHILL RIVERS, OREG./ COLUMBIA RIVER/ VANCOUVER, WASH., TO THE MOUTH/ WILLAMETTE AND YAMHILL RIVERS, OREG.		5,293	6,185 2,551			
TOTAL, SHIPPING AREA		5,293	8,736			
SNAKE RIVER, OREG., WASH. AND IDAHO/ COLUMBIA RIVER/ VANCOUVER, WASH., TO THE MOUTH/ COLUMBIA RIVER/ ABOVE CELILO FALLS TO KENNEWICK, WASH. WILLAMETTE AND YAMHILL RIVERS, OREG.		116,540	1,075,187 1,460			
TOTAL, SHIPPING AREA		539,900	2,674,929			
PUGET SOUND AND TRIBUTARY WATERS/ PUGET SOUND AND TRIBUTARY WATERS						18,603

DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

TABLE 2--DOMESTIC INLAND MOVEMENTS OF LOGS AND LUMBER SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	LOGS, POSTS, POLES, AND PILING (CODES 2411, 2412, 2414)	FOREST PROD- UCTS, NECI (CODES 0861, 2413, 2416)	LUMBER (CODE 2421)	WORKED WOOD (CODE 2431)	PULPWOOD (CODE 2415)
TOTAL, ALL SHIPPING AREAS	14,027,389	3,522,145	39,147	48,735	3,539,762
NARRAGANSETT BAY/ NARRAGANSETT BAY	2		3		
CHESAPEAKE BAY/ YORK RIVER, VA.		181,060			32,201
CHOPTANK RIVER, MD./ HAMPTON ROADS, VA.	60				
RAPPAHANNOCK RIVER, VA./ YORK RIVER, VA.					14,499
YORK RIVER, VA./ CHESAPEAKE BAY	11,389				
ATLANTIC INTRACOASTAL WATERWAY ¹ ENGINEER DISTRICT, NORFOLK/ HAMPTON ROADS, VA.					109,906
ALBEMARLE SOUND, N.C./ YORK RIVER, VA., HAMPTON ROADS, VA.		52,886			96,102
TOTAL, SHIPPING AREA		52,886			96,102
CHONAN RIVER, V.C./ HAMPTON ROADS, VA.					49,718
ROANOKE RIVER, N.C./ YORK RIVER, VA., HAMPTON ROADS, VA.					37,142 134,989
TOTAL, SHIPPING AREA					172,131
ATLANTIC INTRACOASTAL WATERWAY ¹ ENGINEER DISTRICT, CHARLESTON/ MANTUA CREEK, N.J.			862		
ATLANTIC INTRACOASTAL WATERWAY ¹ ENGINEER DISTRICT, CHARLESTON/ SAVANNAH RIVER, GA.	54,113		29		
TOTAL, SHIPPING AREA	54,113		891		
INTRACOASTAL WATERWAY, CALOOSAHATCHEE RIVER TO ANCLOTE RIVER, FLA./ INTRACOASTAL WATERWAY, CALOOSAHATCHEE RIVER TO ANCLOTE RIVER, FLA.	400				
WARRIOR RIVER SYSTEM/ WARRIOR RIVER SYSTEM	136,446	303,173			2,377,362 3,500
ALABAMA-COOSA RIVERS, ALA. AND GA.		29,450			
GULF INTRACOASTAL WATERWAY ¹ MOBILE BAY, ALA., TO NEW ORLEANS, LA.		1,273			
GULF INTRACOASTAL WATERWAY ¹ CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER	1,475				
MISSISSIPPI RIVER ¹ BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		47,144			
TENNESSEE RIVER, TENN., ALA. AND KY.					
TOTAL, SHIPPING AREA	139,194	379,767			2,380,862
ALABAMA-COOSA RIVERS, ALA. AND GA./ WARRIOR RIVER SYSTEM	14,125				671,422
ALABAMA-COOSA RIVERS, ALA. AND GA.	1,750				2,625
TOTAL, SHIPPING AREA	15,875				674,047
INNERHARBOR NAVIGATION CANAL, LA./ MISSISSIPPI RIVER ¹ MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER			550		
OHIO RIVER ¹ ENGINEER DISTRICT, LOUISVILLE			877		
TOTAL, SHIPPING AREA			1,427		
GULF INTRACOASTAL WATERWAY ¹ MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX./ GULF OF MEXICO	445		350		
GULF INTRACOASTAL WATERWAY ¹ MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.	160		90		
TOTAL, SHIPPING AREA	605		440		
OUCHITA AND BLACK RIVERS, ARK. AND LA./ OUCHITA AND BLACK RIVERS, ARK. AND LA.	28,000				
SABINE-NECHES WATERWAY, TEXAS/ MISSISSIPPI RIVER ¹ NEW ORLEANS, LA., TO MOUTH OF PASSES				249	
GALVESTON BAY, TEXAS/ OHIO RIVER ¹ ENGINEER DISTRICT, PITTSBURGH				4,918	
MISSISSIPPI RIVER ¹ NEW ORLEANS, LA., TO MOUTH OF PASSES/ MISSISSIPPI RIVER ¹ NEW ORLEANS, LA., TO MOUTH OF PASSES				507	
MISSISSIPPI RIVER ¹ MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER			4,079		
ILLINOIS RIVER, ILL.				576	
PORT OF CHICAGO, ILL.				1,544	
TOTAL, SHIPPING AREA			4,079	2,627	

Waterborne Commerce of the United States, 1987

TABLE 2--DOMESTIC INLAND MOVEMENTS OF LOGS AND LUMBER--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	LOGS, POSTS, POLES, AND PILING (CODES 2411, 2412, 2414)	FOREST PROD- UCTS, NEC (CODES 0861, 2413, 2416)	LUMBER (CODE 2421)	WORKED WOOD (CODE 2431)	PULPWOOD (CODE 2415)
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA./				317	
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES				9,892	
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER					
YAZOO RIVER AND MOUTH, MISS.	144,834				
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON				2,457	
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH			1,448	23,535	
MONONGAHELA RIVER, PA. AND W.VA.				2,902	
ILLINOIS RIVER, ILL.			1,800		
PORT OF CHICAGO, ILL.			9,784	1,264	
TOTAL, SHIPPING AREA	144,834		12,632	40,367	
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER/ MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES	9,162		3,554		
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER/ MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	1,450		1,500		
TENNESSEE RIVER, TENN., ALA. AND KY.					
TOTAL, SHIPPING AREA	1,450		1,500		
ARKANSAS RIVER, ARK./ YAZOO RIVER AND MOUTH, MISS.	11,646				
WHITE RIVER, ARK./ YAZOO RIVER AND MOUTH, MISS.	5,550				
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE/ MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES	8,152				
TENNESSEE RIVER, TENN., ALA. AND KY./ WARRIOR RIVER SYSTEM	10,325	4,239			
ATCHAFALAYA RIVER, LA.	9,681				
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES	7,273				
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA., TENNESSEE RIVER, TENN., ALA. AND KY.	118,141	376,004	1,173		10,296
TOTAL, SHIPPING AREA	145,420	381,416			10,296
ILLINOIS RIVER, ILL./ PORT OF CHICAGO, ILL.				507	
LAKE SUPERIOR/ LAKE SUPERIOR	48				
LOS ANGELES AND LONG BEACH HARBORS, CALIF./ LOS ANGELES AND LONG BEACH HARBORS, CALIF.		87,138			
SAN FRANCISCO BAY AREA/ SAN FRANCISCO BAY AREA			100		
SAN JOAQUIN RIVER, CALIF.	3,500				
TOTAL, SHIPPING AREA	3,500		100		
SAN JOAQUIN RIVER, CALIF./ SAN JOAQUIN RIVER, CALIF.	1,600				
COOS BAY, OREG./ COOS BAY, OREG.	366,308				
COOS AND MILLICOMA RIVERS, OREG./ COOS BAY, OREG.	980,536				
UMPUA RIVER, OREG./ UMPUA RIVER, OREG.	2,700				
SIUSLAN RIVER, OREG./ SIUSLAN RIVER, OREG.	85,752				
COLUMBIA RIVER' VANCOUVER, WASH., TO THE MOUTH/ COLUMBIA RIVER' VANCOUVER, WASH., TO THE MOUTH	1,006,545	115,067			
COLUMBIA RIVER' VANCOUVER, WASH., TO THE DALLES, OREG.	69,041	42,308	168		
WILLAMETTE AND YAMHILL RIVERS, OREG.	86,067		8,402		
TOTAL, SHIPPING AREA	1,161,653	157,375	8,570		
COLUMBIA RIVER' VANCOUVER, WASH., TO THE DALLES, OREG./ COLUMBIA RIVER' VANCOUVER, WASH., TO THE MOUTH	153,104	440,160	258		
COLUMBIA RIVER' VANCOUVER, WASH., TO THE DALLES, OREG.	612,080	156,566	134		
COLUMBIA RIVER' ABOVE CELILO FALLS TO KENNEWICK, WASH.		621			
WILLAMETTE AND YAMHILL RIVERS, OREG.	16,283				
SNAKE RIVER, OREG., WASH. AND IDAHO		5,600			
TOTAL, SHIPPING AREA	781,467	602,947	402		
COLUMBIA RIVER' ABOVE CELILO FALLS TO KENNEWICK, WASH./ COLUMBIA RIVER' VANCOUVER, WASH., TO THE MOUTH	277	380,846			
COLUMBIA RIVER' VANCOUVER, WASH., TO THE DALLES, OREG.	563	37,869			
WILLAMETTE AND YAMHILL RIVERS, OREG.		3,641			
TOTAL, SHIPPING AREA	840	422,356			

DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

TABLE 2--DOMESTIC INLAND MOVEMENTS OF LOGS AND LUMBER--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	LOGS, POSTS, POLES, AND PILING (CODES 2411, 2412, 2414)	FOREST PROD- UCTS, NEC. (CODES 0861, 2413, 2416)	LUMBER (CODE 2421)	WORKED WOOD (CODE 2431)	PULPWOOD (CODE 2415)
COLUMBIA RIVER' KENNEWICK TO WENATCHEE, WASH./ SNAKE RIVER, OREG., WASH. AND IDAHO-----	88,028				
COLUMBIA RIVER' WENATCHEE, WASH., TO INTERNATIONAL BOUNDRY/ COEUR D'ALENE LAKE-----	29,604				
WILLAMETTE AND YAMHILL RIVERS, OREG./ COLUMBIA RIVER' VANCOUVER, WASH., TO THE MOUTH----- COLUMBIA RIVER' VANCOUVER, WASH., TO THE DALLES, OREG.----- WILLAMETTE AND YAMHILL RIVERS, OREG.-----	99,660 318,927	206,344 110,963			
TOTAL, SHIPPING AREA-----	418,587	321,307			
SNAKE RIVER, OREG., WASH. AND IDAHO/ COLUMBIA RIVER' VANCOUVER, WASH., TO THE MOUTH----- COLUMBIA RIVER' VANCOUVER, WASH., TO THE DALLES, OREG.----- COLUMBIA RIVER' ABOVE CELILO FALLS TO KENNEWICK, WASH.----- COLUMBIA RIVER' KENNEWICK TO WENATCHEE, WASH.----- WILLAMETTE AND YAMHILL RIVERS, OREG.----- SNAKE RIVER, OREG., WASH. AND IDAHO-----	24,141 12,977 118,584 5,486	198,594 637 5,400 1,000	833 28		
TOTAL, SHIPPING AREA-----	161,188	205,631	861		
COEUR D'ALENE LAKE/ COLUMBIA RIVER' WENATCHEE, WASH., TO INTERNATIONAL BOUNDRY----- COEUR D'ALENE LAKE-----	205,914 333,952				
TOTAL, SHIPPING AREA-----	539,866				
PUGET SOUND AND TRIBUTARY WATERS/ PUGET SOUND AND TRIBUTARY WATERS-----	6,862,857	443,997	4,106	40	
LOWER & UPPER SOUTHEAST ALASKA/ LOWER & UPPER SOUTHEAST ALASKA-----	1,966,753	286,265	562	27	
ALASKA PENINSULA/ ALASKA PENINSULA-----	250		20		

TABLE 3--DOMESTIC INLAND MOVEMENTS OF COAL AND LIGNITE (CODE 1121)
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	TONS
TOTAL, ALL SHIPPING AREAS	161,632,494
BALTIMORE HARBOR AND CHANNELS, MD./ DELAWARE RIVER/ NEW JERSEY SIDE BALTIMORE HARBOR AND CHANNELS, MD.	143,286 1,680,661
TOTAL, SHIPPING AREA	1,823,947
HAMPTON ROADS, VA./ DELAWARE RIVER/ NEW JERSEY SIDE BALTIMORE HARBOR AND CHANNELS, MD.	628,922 990,225
TOTAL, SHIPPING AREA	1,619,147
ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, WILMINGTON/ ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, CHARLESTON	2,952
APALACHICOLA, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA./ MISSISSIPPI RIVER/ NEW ORLEANS, LA., TO MOUTH OF PASSES	1,432
HARRIOR RIVER SYSTEM/ GULF INTRACOASTAL WATERWAY/ APALACHEE BAY, FLA., TO MOBILE BAY, ALA., APALACHICOLA, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA., HARRIOR RIVER SYSTEM GULF INTRACOASTAL WATERWAY/ MOBILE BAY, ALA., TO NEW ORLEANS, LA., MISSISSIPPI RIVER/ NEW ORLEANS, LA., TO MOUTH OF PASSES MISSISSIPPI RIVER/ BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA., MISSISSIPPI RIVER/ MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER OHIO RIVER/ ENGINEER DISTRICT, LOUISVILLE TENNESSEE RIVER, TENN., ALA. AND KY.	103,146 13,500 6,837,279 47,814 204,534 65,736 4,674 64,344 21,700
TOTAL, SHIPPING AREA	7,382,727
GULF INTRACOASTAL WATERWAY/ MOBILE BAY, ALA., TO NEW ORLEANS, LA./ HARRIOR RIVER SYSTEM	2,975
GALVESTON BAY, TEXAS/ GALVESTON BAY, TEXAS	7,325
GULF INTRACOASTAL WATERWAY/ GALVESTON TO CORPUS CHRISTI, TEXAS/ MISSISSIPPI RIVER/ BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	2,720
MISSISSIPPI RIVER/ NEW ORLEANS, LA., TO MOUTH OF PASSES/ GULF INTRACOASTAL WATERWAY/ APALACHEE BAY, FLA., TO MOBILE BAY, ALA., ESCAMBIA AND CONEJOC RIVERS, FLA. AND ALA., HARRIOR RIVER SYSTEM GALVESTON BAY, TEXAS MISSISSIPPI RIVER/ BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA., MISSISSIPPI RIVER/ MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER OHIO RIVER/ ENGINEER DISTRICT, HUNTINGTON GREEN AND BARREN RIVERS, KY.	11,600 43,500 32,717 3,079 11,400 15,882 2,865 5,816
TOTAL, SHIPPING AREA	126,859
MISSISSIPPI RIVER/ BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA./ MISSISSIPPI RIVER/ BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA., MISSISSIPPI RIVER/ MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER OHIO RIVER/ ENGINEER DISTRICT, HUNTINGTON TENNESSEE RIVER, TENN., ALA. AND KY.	3,185 27,615 1,632 1,434
TOTAL, SHIPPING AREA	33,866
MISSISSIPPI RIVER/ MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA./ MISSISSIPPI RIVER/ BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA., MISSISSIPPI RIVER/ MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	2,900 1,400
TOTAL, SHIPPING AREA	4,300
MISSISSIPPI RIVER/ MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER/ GULF INTRACOASTAL WATERWAY/ MOBILE BAY, ALA., TO NEW ORLEANS, LA., LAKE PONTCHARTRAIN, LA., MISSISSIPPI RIVER/ NEW ORLEANS, LA., TO MOUTH OF PASSES MISSISSIPPI RIVER/ BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA., MISSISSIPPI RIVER/ MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA., MISSISSIPPI RIVER/ MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER MISSISSIPPI RIVER/ MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER OHIO RIVER/ ENGINEER DISTRICT, LOUISVILLE TENNESSEE RIVER, TENN., ALA. AND KY., CUMBERLAND RIVER, TENN. AND KY., ILLINOIS RIVER, ILL., PORT OF CHICAGO, ILL.	1,492 4,522 1,178,658 13,192 5,648,508 367,204 1,334,155 9,419 2,514,589 1,462 837,829 45,698
TOTAL, SHIPPING AREA	11,956,728
MISSISSIPPI RIVER/ MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER/ MISSISSIPPI RIVER/ NEW ORLEANS, LA., TO MOUTH OF PASSES MISSISSIPPI RIVER/ MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER TENNESSEE RIVER, TENN., ALA. AND KY.	16,064 1,431,295 7,552
TOTAL, SHIPPING AREA	1,454,911
ARKANSAS RIVER, ARK./ GALVESTON BAY, TEXAS MISSISSIPPI RIVER/ NEW ORLEANS, LA., TO MOUTH OF PASSES MISSISSIPPI RIVER/ BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	8,780 405,349 25,180

DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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TABLE 3--DOMESTIC INLAND MOVEMENTS OF COAL AND LIGNITE (CODE 1121)--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	TONS
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	2,839
ARKANSAS RIVER, ARK.	2,494
CUMBERLAND RIVER, TENN. AND KY.	1,313
TOTAL, SHIPPING AREA	445,963
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE/ GULF INTRACOASTAL WATERWAY' APALACHEE BAY, FLA., TO MOBILE BAY, ALA.	3,493,986
APALACHICOLA, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA.	13,400
ESCAMBIA AND CONECUH RIVERS, FLA. AND ALA.	1,958,214
WARRIOR RIVER SYSTEM	63,682
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.	681,976
PEARL RIVER, MISS. AND LA.	102,445
LAKE PONTCHARTRAIN, LA.	42,158
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES	3,669,120
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	184,791
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	194,134
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	143,933
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	1,655,686
WOLF RIVER, TENN.	1,000,774
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE	11,304,180
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON	53,314
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH	13,444
TENNESSEE RIVER, TENN., ALA. AND KY.	662,056
CUMBERLAND RIVER, TENN. AND KY.	6,439,921
GREEN AND SARREN RIVERS, KY.	244,347
MONONGAHELA RIVER, PA. AND W.VA.	13,617
MISSOURI RIVER	50,075
ILLINOIS RIVER, ILL.	1,130,177
BLACK RIVER, MIS.	1,590
PORT OF CHICAGO, ILL.	327,497
TOTAL, SHIPPING AREA	33,644,517
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON/ WARRIOR RIVER SYSTEM	173,197
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.	143,987
INNERHARBOR NAVIGATION CANAL, LA.	7,519
GULF INTRACOASTAL WATERWAY' PLAQUEMINE TO MORGAN CITY ROUTE, LA.	24,530
GALVESTON BAY, TEXAS	3,087
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES	2,857,121
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	1,022,078
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	208,122
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	767,498
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	235,146
WOLF RIVER, TENN.	6,511
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE	2,996,655
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON	11,877,444
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH	3,355,985
TENNESSEE RIVER, TENN., ALA. AND KY.	1,804,731
CUMBERLAND RIVER, TENN. AND KY.	15,727
BIG SANDY RIVER, KY. AND W.VA.	3,062
KANAWHA RIVER, W.VA.	5,294
MONONGAHELA RIVER, PA. AND W.VA.	3,531,560
ALLEGHENY RIVER, PA.	3,004
MISSOURI RIVER	2,708
ILLINOIS RIVER, ILL.	112,401
MINNESOTA RIVER, MINN.	12,145
PORT OF CHICAGO, ILL.	989,900
TOTAL, SHIPPING AREA	30,159,438
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH/ MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES	14,411
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	9,247
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	15,077
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE	691,197
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON	2,497,250
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH	6,274,217
TENNESSEE RIVER, TENN., ALA. AND KY.	2,524,206
KANAWHA RIVER, W.VA.	2,586
MONONGAHELA RIVER, PA. AND W.VA.	208,737
ALLEGHENY RIVER, PA.	153,381
TOTAL, SHIPPING AREA	12,390,309
TENNESSEE RIVER, TENN., ALA. AND KY./ GULF INTRACOASTAL WATERWAY' APALACHEE BAY, FLA., TO MOBILE BAY, ALA.	19,000
ESCAMBIA AND CONECUH RIVERS, FLA. AND ALA.	129,829
WARRIOR RIVER SYSTEM	256,875
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.	713,120
PEARL RIVER, MISS. AND LA.	7,517
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES	107,260
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	168,958
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	1,500
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	4,689
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	527,252
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE	2,850
TENNESSEE RIVER, TENN., ALA. AND KY.	5,135,335
CUMBERLAND RIVER, TENN. AND KY.	317,108
ILLINOIS RIVER, ILL.	48,386
PORT OF CHICAGO, ILL.	25,527
TOTAL, SHIPPING AREA	7,465,206

Waterborne Commerce of the United States, 1987

TABLE 3--DOMESTIC INLAND MOVEMENTS OF COAL AND LIGNITE (CODE 1121)--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	TONS
CUMBERLAND RIVER, TENN. AND KY./	
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,	3,000
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	2,963
CUMBERLAND RIVER, TENN. AND KY.,	8,400
TOTAL, SHIPPING AREA	14,363
GREEN AND BARREN RIVERS, KY./	
LAKE PONCHARTRAIN, LA.,	1,450
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES	1,998,656
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,	5,845
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	3,029
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	77,877
WOLF RIVER, TENN.,	550,907
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE	5,948,980
CUMBERLAND RIVER, TENN. AND KY.,	6,311
ILLINOIS RIVER, ILL.,	40,507
PORT OF CHICAGO, ILL.,	15,492
TOTAL, SHIPPING AREA	8,649,054
BIG SANDY RIVER, KY. AND W.VA./	
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.,	1,400
GULF INTRACOASTAL WATERWAY' PLAQUEMINE TO MORGAN CITY ROUTE, LA.,	1,600
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES	421,575
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,	753,070
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,	127,662
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	101,069
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	217,581
WOLF RIVER, TENN.,	3,045
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE	2,431,873
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON	1,440,949
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH	358,192
TENNESSEE RIVER, TENN., ALA. AND KY.,	25,914
KANAWHA RIVER, W.VA.,	1,733
MONONGAHELA RIVER, PA. AND W.VA.,	25,393
ALLEGHENY RIVER, PA.,	8,638
ILLINOIS RIVER, ILL.,	4,555
MINNESOTA RIVER, MINN.,	5,978
PORT OF CHICAGO, ILL.,	81,960
TOTAL, SHIPPING AREA	6,012,187
KANAWHA RIVER, W.VA./	
PEARL RIVER, MISS. AND LA.,	3,136
GULF INTRACOASTAL WATERWAY' PLAQUEMINE TO MORGAN CITY ROUTE, LA.,	33,556
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES	1,249,717
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,	684,891
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,	26,182
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	190,458
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	83,044
ARKANSAS RIVER, ARK.,	36,786
WOLF RIVER, TENN.,	3,123
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE	1,392,943
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON	4,900,693
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH	2,389,747
TENNESSEE RIVER, TENN., ALA. AND KY.,	47,073
GREEN AND BARREN RIVERS, KY.,	7,333
BIG SANDY RIVER, KY. AND W.VA.,	8,095
KANAWHA RIVER, W.VA.,	223,352
MONONGAHELA RIVER, PA. AND W.VA.,	644,989
ILLINOIS RIVER, ILL.,	8,979
PORT OF CHICAGO, ILL.,	9,549
TOTAL, SHIPPING AREA	11,943,646
MONONGAHELA RIVER, PA. AND W.VA./	
GALVESTON BAY, TEXAS	16,349
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES	621,788
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,	34,218
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,	15,139
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	354,525
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE	266,593
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON	1,535,111
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH	4,655,904
BIG SANDY RIVER, KY. AND W.VA.,	1,400
MONONGAHELA RIVER, PA. AND W.VA.,	16,027,121
ALLEGHENY RIVER, PA.,	172,433
ILLINOIS RIVER, ILL.,	18,753
MINNESOTA RIVER, MINN.,	1,544
TOTAL, SHIPPING AREA	24,320,898
ALLEGHENY RIVER, PA./	
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,	7,395
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	3,191
MONONGAHELA RIVER, PA. AND W.VA.,	6,300
TOTAL, SHIPPING AREA	16,886
ILLINOIS RIVER, ILL./	
PORT OF CHICAGO, ILL.,	2,059,388
PORT OF CHICAGO, ILL./	
PORT OF CHICAGO, ILL.,	90,750

DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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TABLE 4--DOMESTIC INLAND MOVEMENTS OF PETROLEUM AND PETROLEUM PRODUCTS SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	GASOLINE (CODE 2911)	DISTILLATE FUEL OIL (CODE 2914)	CRUDE PETROLEUM (CODE 1311)	JET FUEL (CODE 2912)	KEROSENE (CODE 2913)	RESIDUAL FUEL OIL (CODE 2915)	NAPHTHA (CODE 2917)	LUBRI- CATING OILS AND GREASES (CODE 2916)	OTHER PETROLEUM PRODUCTS (CODES 2918, 2921, 2991)
TOTAL, ALL SHIPPING AREAS-----	39,617,926	31,042,113	43,539,239	4,749,802	1,204,472	60,282,261	5,285,471	3,041,311	10,621,965
PENOBSCOT RIVER, MAINE/ PENOBSCOT RIVER, MAINE-----		62,912			3,286				
PORTLAND HARBOR, MAINE/ PORTLAND HARBOR, MAINE-----	4,543	38,493				32,967			
GLOUCESTER HARBOR, MASS./ GLOUCESTER HARBOR, MASS.-----		18,757			14,498			977	
SALEM HARBOR, MASS./ SALEM HARBOR, MASS.-----						412			
PORT OF BOSTON, MASS./ PORT OF BOSTON, MASS.-----	119,015	319,972		24,819	23,124	303,659			5,957
VARRAGANSETT BAY/ VARRAGANSETT BAY/ PROVIDENCE RIVER AND HARBOR, R.I.-----	5,967	67,325			1,706	42,619			
	8,134	161,820			6,343				
TOTAL, SHIPPING AREA-----	14,101	229,145			8,049	42,619			
PROVIDENCE RIVER AND HARBOR, R.I./ VARRAGANSETT BAY/ PROVIDENCE RIVER AND HARBOR, R.I.-----		64,808				10,090			
	8,107	115,229			16,230	12,816			
TOTAL, SHIPPING AREA-----	8,107	180,037			16,230	22,906			
LONG ISLAND SOUND, N.Y./ LONG ISLAND SOUND, N.Y.-----	1,297	44,045				8,011			
PORT OF NEW YORK, N.Y. AND N.J./ PORT OF NEW YORK, N.Y. AND N.J.-----	9,403,578	8,484,589	1,130,963	136,967	268,500	8,297,624	263,580	16,128	279,291
UPPER HUDSON RIVER, N.Y.-----	3,656,853	1,825,377	59,208	100,762	180,518	2,104,159	41,145		69,584
NEW YORK STATE BARGE CANAL-----									28,069
LAKE CHAMPLAIN, N.Y. AND VT.-----	42,253	4,076		61,533					
TOTAL, SHIPPING AREA-----	13,102,684	10,314,042	1,190,171	299,262	457,018	10,401,813	304,725	16,128	376,944
UPPER HUDSON RIVER, N.Y./ PORT OF NEW YORK, N.Y. AND N.J.-----		50,315				18,359			44,236
UPPER HUDSON RIVER, N.Y.-----	12,621	93,090		5,957		22,356			
NEW YORK STATE BARGE CANAL-----		7,578				2,145			
LAKE CHAMPLAIN, N.Y. AND VT.-----	65,380	15,016		25,540	215				
TOTAL, SHIPPING AREA-----	78,001	165,999		31,497	215	42,860			44,236
LAKE CHAMPLAIN, N.Y. AND VT./ LAKE CHAMPLAIN, N.Y. AND VT.-----				1,829					
DELAWARE RIVER' NEW JERSEY SIDE/ DELAWARE RIVER' NEW JERSEY SIDE- DELAWARE RIVER' PENNSYLVANIA AND DELAWARE SIDE-----	10,532	122,955		20,310	12,165	424,770	18,815	25	8,816
WANTUA CREEK, N.J.-----		929							
CHRISTINA RIVER, DEL.-----		43,473	11,030		3,482	805,306	1,249		
SCHUYLKILL RIVER, PA.-----	48,394	201,435		10,663	19,908	402,611		11,948	
CHESAPEAKE BAY-----	3,740	2,316			6,608				
NANTICOKE RIVER, DEL. AND MD. BALTIMORE HARBOR AND CHANNELS, MD.-----	75,339	24,250				45,456			33,772
POTOMAC RIVER AND TRIBUTARIES-----						69,112			102,965
HAMPTON ROADS, VA.-----		12,175				59,279			33,669
CAPE FEAR RIVER, N.C.-----						21,481			8,188
TOTAL, SHIPPING AREA-----	246,126	512,616	11,030	30,973	42,163	1,955,228	20,064	11,973	187,410
DELAWARE RIVER' PENNSYLVANIA AND DELAWARE SIDE/ DELAWARE RIVER' NEW JERSEY SIDE- DELAWARE RIVER' PENNSYLVANIA AND DELAWARE SIDE-----	422,963	403,320	1,069,924	221,465	9,232	485,835		25,576	
COHANSEY RIVER, N.J.-----	129,656	265,726	9,782,431	14,318	3,094	337,269		2,419	17,018
WISPIILLION RIVER, DEL.-----		1,530							
CHRISTINA RIVER, DEL.-----		121,077		168,751					
SCHUYLKILL RIVER, PA.-----	130,713	275,572		17,925	3,625	636,209		11,228	
CHESAPEAKE BAY-----	27,839	10,401							
BALTIMORE HARBOR AND CHANNELS, MD.-----	651,833	80,855			33,085	123,014		5,653	2,789
POTOMAC RIVER AND TRIBUTARIES-----		6,965		93,141		88,616			
YORK RIVER, VA.-----			12,770	91,930					
JAMES RIVER, VA.-----				13,458					
HAMPTON ROADS, VA.-----	92,660	8,711		792		108,112			
TOTAL, SHIPPING AREA-----	1,455,664	1,174,157	10,865,125	621,770	49,036	1,849,969		45,271	19,807

Waterborne Commerce of the United States, 1987

TABLE 4--DOMESTIC INLAND MOVEMENTS OF PETROLEUM AND PETROLEUM PRODUCTS--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	GASOLINE (CODE 2911)	DISTILLATE FUEL OIL (CODE 2914)	CRUDE PETROLEUM (CODE 1311)	JET FUEL (CODE 2912)	KEROSENE (CODE 2913)	RESIDUAL FUEL OIL (CODE 2915)	NAPHTHA (CODE 2917)	LUBRI- CATING OILS AND GREASES (CODE 2916)	OTHER PETROLEUM PRODUCTS (CODES 2918, 2921, 2991)
CHRISTINA RIVER, DEL./ DELAWARE RIVER/ NEW JERSEY SIDE- DELAWARE RIVER/ PENNSYLVANIA AND DELAWARE SIDE	20,268	2,115 1,478				11,641 30,785			48,897
CHRISTINA RIVER, DEL.		277				13,877			
SCHUYLKILL RIVER, PA.	3,055	6,076			4,157	5,882			
BALTIMORE HARBOR AND CHANNELS, MD.		14,179							
TOTAL, SHIPPING AREA	23,323	24,125			4,157	62,385			48,897
SCHUYLKILL RIVER, PA./ DELAWARE RIVER/ NEW JERSEY SIDE- DELAWARE RIVER/ PENNSYLVANIA AND DELAWARE SIDE	31,096	71,940 62,682		1,314	1,480	406,996 728,763	33,703		136,337
CDHANSEY RIVER, N.J.		9,310							
CHRISTINA RIVER, DEL.		20,766		4,697		112,888			
SCHUYLKILL RIVER, PA.	5,882	57,991		1,971	7,120	102,028			
CHESAPEAKE BAY	14,590	5,963				5,910			
NANTICOKE RIVER, DEL. AND MD., BALTIMORE HARBOR AND CHANNELS, MD.	1,855	3,832				6,521	4,198		138,871
POTOMAC RIVER AND TRIBUTARIES		16,343							170,325
HAMPTON ROADS, VA.		1,518		4,162		32,774			21,893
CAPE FEAR RIVER, N.C.									6,416
TOTAL, SHIPPING AREA	53,423	250,345		7,447	13,297	1,449,578	37,901		483,816
CHESAPEAKE BAY/ DELAWARE RIVER/ NEW JERSEY SIDE- BALTIMORE HARBOR AND CHANNELS, MD.						6,605			
HAMPTON ROADS, VA.		41,595				80,637			
TOTAL, SHIPPING AREA		45,244		1,138		98,357			
BALTIMORE HARBOR AND CHANNELS, MD./ DELAWARE RIVER/ PENNSYLVANIA AND DELAWARE SIDE	1,983	13,457				4,137			
CHRISTINA RIVER, DEL.		21,200							
SCHUYLKILL RIVER, PA.	19,343	21,288				27,087			8,325
CHESAPEAKE BAY	54,957	24,124				7,433			
NANTICOKE RIVER, DEL. AND MD., BALTIMORE HARBOR AND CHANNELS, MD.		14,487				48,525			
POTOMAC RIVER AND TRIBUTARIES		112,926				1,419,810	4,731		
JAMES RIVER, VA.	22,342	27,577				6,624			48,623
HAMPTON ROADS, VA.	7,084	3,328		5,972	1,041	4,597			
CAPE FEAR RIVER, N.C.									6,363
TOTAL, SHIPPING AREA	105,709	238,387		5,972	1,041	1,518,213	4,731		63,311
POTOMAC RIVER AND TRIBUTARIES/ DELAWARE RIVER/ NEW JERSEY SIDE- SCHUYLKILL RIVER, PA.	7,618			25,979					
CHESAPEAKE BAY				47,478		6,447			
CHESTER RIVER, MD.		5,451							
BALTIMORE HARBOR AND CHANNELS, MD.	7,804	75,247				6,696			
POTOMAC RIVER AND TRIBUTARIES		172,964		136,144		121,972			4,363
JAMES RIVER, VA.						9,222			
HAMPTON ROADS, VA.				47,395		3,312			
TOTAL, SHIPPING AREA	15,422	253,662		256,996		147,649			4,363
YORK RIVER, VA./ DELAWARE RIVER/ PENNSYLVANIA AND DELAWARE SIDE		11,345							
CHRISTINA RIVER, DEL.		15,104							
SCHUYLKILL RIVER, PA.		11,213							
CHESAPEAKE BAY		3,344				1,639			
BALTIMORE HARBOR AND CHANNELS, MD.	13,276	28,645							
POTOMAC RIVER AND TRIBUTARIES		11,074				376,846			8,726
HAMPTON ROADS, VA.	15,345	43,197		124,882		50,148			2,727
ATLANTIC INTRACASTAL WATERWAY/ ENGINEER DISTRICT, CHARLESTON						2,153			
TOTAL, SHIPPING AREA	28,621	123,922		124,882		430,786			11,453
JAMES RIVER, VA./ CHESAPEAKE BAY	148,187	3,584			3,261	46,786			
BALTIMORE HARBOR AND CHANNELS, MD.	5,617								
JAMES RIVER, VA.						2,153			
HAMPTON ROADS, VA.	189,235	80,293			8,416	131,116			
TOTAL, SHIPPING AREA	343,039	83,877			11,677	180,055			

DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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TABLE 4--DOMESTIC INLAND MOVEMENTS OF PETROLEUM AND PETROLEUM PRODUCTS--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	GASOLINE (CODE 2911)	DISTILLATE FUEL OIL (CODE 2914)	CRUDE PETROLEUM (CODE 1311)	JET FUEL (CODE 2912)	KEROSENE (CODE 2913)	RESIDUAL FUEL OIL (CODE 2915)	NAPHTHA (CODE 2917)	LUBRI- CATING OILS AND GREASES (CODE 2916)	OTHER PETROLEUM PRODUCTS (CODES 2918, 2921, 2991)
HAMPTON ROADS, VA./ DELAWARE RIVER/ NEW JERSEY SIDE- DELAWARE RIVER/ PENNSYLVANIA AND DELAWARE SIDE		3,779				47,568			
CHRISTINA RIVER, DEL.		1,512		3,713		6,640			
SCHUYLKILL RIVER, PA.		3,002				10,797			
CHESAPEAKE BAY	228,457	209,261			1,225	54,350		21	
NANTICOKE RIVER, DEL. AND MD., BALTIMORE HARBOR AND CHANNELS, MD.	2,075	28,821				8,626			
POTOMAC RIVER AND TRIBUTARIES		6,705		1,105		118,444			3,277
RAPPANANNOCK RIVER, VA.		25,548				54,147			
YORK RIVER, VA.	908	7,479				176,673		147	
JAMES RIVER, VA.						181,877			4,000
HAMPTON ROADS, VA. ATLANTIC INTRACOASTAL WATERWAY/ GREAT BRIDGE LOCK ROUTE		326,499		52,853	3,880	696,521		4,227	
ROANOKE RIVER, N.C.				202,891					
CAPE FEAR RIVER, N.C.		13,778				29,527			
TOTAL, SHIPPING AREA	231,440	629,076		260,562	5,105	1,385,170		4,418	7,277
ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, WILMINGTON/ ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, WILMINGTON/ PAMLICO AND TAR RIVERS, N.C.						14,873			
NEUSE RIVER, N.C.				2,749		8,593			
TOTAL, SHIPPING AREA				2,749		23,466			
CAPE FEAR RIVER, N.C./ ROANOKE RIVER, N.C. PAMLICO AND TAR RIVERS, N.C.						3,080			
NEUSE RIVER, N.C.						3,146			
CAPE FEAR RIVER, N.C.	9,542	8,421				42,112			
NORTHEAST (CAPE FEAR) RIVER, N.C.						243,754			
ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, CHARLESTON						110,831			
TOTAL, SHIPPING AREA	9,542	8,421				405,987			
ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, CHARLESTON/ HAMPTON ROADS, VA.				1,696					
ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, WILMINGTON		1,427							
CAPE FEAR RIVER, N.C.						2,780			
ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, CHARLESTON				6,522		88,279			
SAVANNAH RIVER, GA.		1,400							
TOTAL, SHIPPING AREA		2,827		8,218		91,059			
SAVANNAH RIVER, GA./ HAMPTON ROADS, VA. ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, WILMINGTON/ PAMLICO AND TAR RIVERS, N.C.									2,363
CAPE FEAR RIVER, N.C.	1,140					6,887	1,090		
ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, CHARLESTON				50,087		1,654			
COOPER RIVER, S.C.						827			
SAVANNAH RIVER, GA.	35,108	12,326		1,801		111,574			8,401
ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, SAVANNAH						6,115			
ST. JOHNS RIVER, FLA.	22,890								
TOTAL, SHIPPING AREA	59,138	18,004		51,688		140,424	1,090		10,764
ST. JOHNS RIVER, FLA./ ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, CHARLESTON									
SAVANNAH RIVER, GA.	12,700								
ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, SAVANNAH	6,259	8,226							
ST. JOHNS RIVER, FLA.	65,251	130,974		54,261		137,693			
ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, JACKSONVILLE	3,189	611				707,372			
TOTAL, SHIPPING AREA	87,399	141,806		54,261		845,065			
ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, JACKSONVILLE/ SAVANNAH RIVER, GA.									2,363
ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, JACKSONVILLE	2,222	30,141				285,059			
TOTAL, SHIPPING AREA	2,222	30,141				285,059			2,363

Waterborne Commerce of the United States, 1987

TABLE 4--DOMESTIC INLAND MOVEMENTS OF PETROLEUM AND PETROLEUM PRODUCTS--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	GASOLINE (CODE 2911)	DISTILLATE FUEL OIL (CODE 2914)	CRUDE PETROLEUM (CODE 1311)	JET FUEL (CODE 2912)	KEROSENE (CODE 2913)	RESIDUAL FUEL OIL (CODE 2915)	NAPHTHA (CODE 2917)	LUBRI- CATING OILS AND GREASES (CODE 2916)	OTHER PETROLEUM PRODUCTS (CODES 2918, 2921, 2991)
INTRACOASTAL WATERWAY, CALOOSAHATCHEE RIVER TO ANCLOTE RIVER, FLA./ OKEECHOBEE WATERWAY, FLA./ INTRACOASTAL WATERWAY, CALOOSAHATCHEE RIVER TO ANCLOTE RIVER, FLA.		10,235				638,300			
TOTAL, SHIPPING AREA		14,528				79,721			
TOTAL, SHIPPING AREA		24,763				718,021			
GULF INTRACOASTAL WATERWAY/ APALACHEE BAY, FLA., TO MOBILE BAY, ALA./ GULF INTRACOASTAL WATERWAY/ APALACHEE BAY, FLA., TO MOBILE BAY, ALA./ HARRIOR RIVER SYSTEM/ GULF INTRACOASTAL WATERWAY/ MOBILE BAY, ALA., TO NEW ORLEANS, LA./ MISSISSIPPI RIVER/ BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	16,239 3,669	23,239 4,179		4,689		137 11,039			3,358
TOTAL, SHIPPING AREA	2,947	3,356		6,998		1,640			
TOTAL, SHIPPING AREA	22,855	30,774		11,687		15,300			3,358
APALACHICOLA, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA./ HARRIOR RIVER SYSTEM/ MISSISSIPPI RIVER/ BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	1,558	1,775							
TOTAL, SHIPPING AREA	1,558	1,775				2,318			
TOTAL, SHIPPING AREA	1,558	1,775				2,318			
GULF OF MEXICO/ GULF OF MEXICO/ GULF INTRACOASTAL WATERWAY/ MOBILE BAY, ALA., TO NEW ORLEANS, LA./ PEARL RIVER, MISS. AND LA./ LAKE PONTCHARTRAIN, LA./ LAKE MAUREPAS, LA./ WATERWAY FROM EMPIRE, LA., TO GULF OF MEXICO/ GULF INTRACOASTAL WATERWAY/ MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX./ GULF INTRACOASTAL WATERWAY/ PLAQUEMINE TO MORGAN CITY ROUTE, LA./ ATCHAFALAYA RIVER, LA./ CALCASIEU RIVER AND PASS, LA./ SABINE-NECHES WATERWAY, TEXAS/ GALVESTON BAY, TEXAS/ MISSISSIPPI RIVER/ NEW ORLEANS, LA., TO MOUTH OF PASSES/ MISSISSIPPI RIVER/ BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA./ MISSISSIPPI RIVER/ MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA./ MISSISSIPPI RIVER/ MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER/ PORT OF CHICAGO, ILL.		113,110						2	
TOTAL, SHIPPING AREA		842	7,691						27,985
TOTAL, SHIPPING AREA		6							
TOTAL, SHIPPING AREA		148							
TOTAL, SHIPPING AREA		192							
TOTAL, SHIPPING AREA		4							
TOTAL, SHIPPING AREA		20,780	482,322						
TOTAL, SHIPPING AREA			35,388						
TOTAL, SHIPPING AREA			57						
TOTAL, SHIPPING AREA			892						
TOTAL, SHIPPING AREA	47,951	12,319	316,828						
TOTAL, SHIPPING AREA	6,242		259,274						10,212
TOTAL, SHIPPING AREA		5,319	606,518						236,040
TOTAL, SHIPPING AREA	14,288		334,604						5,270
TOTAL, SHIPPING AREA	27,979								16,774
TOTAL, SHIPPING AREA	7,671								
TOTAL, SHIPPING AREA	7,405								
TOTAL, SHIPPING AREA	111,756	153,669	2,367,141					2	296,681
HARRIOR RIVER SYSTEM/ GULF INTRACOASTAL WATERWAY/ APALACHEE BAY, FLA., TO MOBILE BAY, ALA./ APALACHICOLA, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA./ ESCAMBIA AND CONECHU RIVERS, FLA. AND ALA./ GULF OF MEXICO/ HARRIOR RIVER SYSTEM/ ALABAMA-COOSA RIVERS, ALA. AND GA./ GULF INTRACOASTAL WATERWAY/ MOBILE BAY, ALA., TO NEW ORLEANS, LA./ WATERWAY FROM EMPIRE, LA., TO GULF OF MEXICO/ GULF INTRACOASTAL WATERWAY/ MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX./ ATCHAFALAYA RIVER, LA.	236,917	40,209				64,692			105,768
TOTAL, SHIPPING AREA	14,663	20,096				1,032			63,079
TOTAL, SHIPPING AREA						1,702			
TOTAL, SHIPPING AREA	90,809	21,645	7,639			337,153			216,934
TOTAL, SHIPPING AREA			463,854						
TOTAL, SHIPPING AREA	83,425	14,381				6,394			
TOTAL, SHIPPING AREA			24,511						20,474
TOTAL, SHIPPING AREA									
TOTAL, SHIPPING AREA			18,709						
TOTAL, SHIPPING AREA		31,004	5,668			11,752			

DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION.

TABLE 4--DOMESTIC INLAND MOVEMENTS OF PETROLEUM AND PETROLEUM PRODUCTS--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	GASOLINE (CODE 2911)	DISTILLATE FUEL OIL (CODE 2914)	CRUDE PETROLEUM (CODE 1311)	JET FUEL (CODE 2912)	KEROSENE (CODE 2913)	RESIDUAL FUEL OIL (CODE 2915)	NAPHTHA (CODE 2917)	LUBRI- CATING OILS AND GREASES (CODE 2916)	OTHER PETROLEUM PRODUCTS (CODES 2918, 2921, 2991)
CALCASIEU RIVER AND PASS, LA.					14,844		60,423		
SABINE-NECHES WATERWAY, TEXAS	2,286		1,105,087			62,991	45,837		
GULF INTRACOASTAL WATERWAY									
SABINE RIVER TO GALVESTON, TEXAS						124			
GALVESTON BAY, TEXAS	38,469	20,348	11,491	19,920	15,000	80,760	39,030		9,764
GULF INTRACOASTAL WATERWAY									
GALVESTON TO CORPUS CHRISTI, TEXAS			122,890				18,306		
GULF INTRACOASTAL WATERWAY									
CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER	2,726				5,229		4,362		
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES-		26,374	332,806	15,000		6,072	9,608		
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW									
ORLEANS, LA.	59,671	10,444	356,134			85,254	169	6,000	
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING									
BATON ROUGE, LA.	8,561	5,169							
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO									
RIVER	3,700								
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI									
RIVER	5,600								
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE		17,635	5,859	54,519					12,161
TENNESSEE RIVER, TENN., ALA, AND KY.		9,146							17,552
MONONGAHELA RIVER, PA. AND W. VA.						1,775			
PORT OF CHICAGO, ILL.						4,215			
TOTAL, SHIPPING AREA	546,827	216,541	2,454,647	89,439	35,073	669,356	177,735	6,000	445,732
ALABAMA-COOSA RIVERS, ALA. AND GA./ HARRIOR RIVER SYSTEM			3,000						
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA./									
GULF INTRACOASTAL WATERWAY'									
APALACHEE BAY, FLA., TO MOBILE BAY, ALA.	386,952	242,055		84,447					78,507
APALACHEE, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA.	36,290	26,441							
GULF OF MEXICO									171,781
HARRIOR RIVER SYSTEM	278,647	48,735				24,410	3,248		672,452
GULF INTRACOASTAL WATERWAY'									
MOBILE BAY, ALA., TO NEW ORLEANS, LA.	16,677	54,175	3,046	7,500					21,620
GULF INTRACOASTAL WATERWAY'									
MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.			919						
CALCASIEU RIVER AND PASS, LA.		6,136				5,602			
SABINE-NECHES WATERWAY, TEXAS	69,344	63,447				129,698	9,225	7,418	
GALVESTON BAY, TEXAS	2,590						12,876		
GULF INTRACOASTAL WATERWAY'									
GALVESTON TO CORPUS CHRISTI, TEXAS	8,083					8,214	4,150		
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES-									
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW									
ORLEANS, LA.	181,580	16,200	58,882	3,549		24,971	23,443	9,186	3,113
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING									
BATON ROUGE, LA.	24,583								6,376
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO									
RIVER	42,933								
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI									
RIVER	64,872						6,540		
HOLF RIVER, TENN.	15,203	4,170							
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE	55,577	50,783		141,258		12,255			223,025
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON									9,845
TENNESSEE RIVER, TENN., ALA, AND KY.	11,428	22,397							
ILLINOIS RIVER, ILL.	18,590	5,273							
PORT OF CHICAGO, ILL.		5,926				27,852			
TOTAL, SHIPPING AREA	1,219,905	550,778	164,732	236,750		241,533	59,482	16,604	1,188,329
INNERHARBOR NAVIGATION CANAL, LA./ GULF INTRACOASTAL WATERWAY'									
MOBILE BAY, ALA., TO NEW ORLEANS, LA.		310							

TABLE 4--DOMESTIC INLAND MOVEMENTS OF PETROLEUM AND PETROLEUM PRODUCTS--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	GASOLINE (CODE 2911)	DISTILLATE FUEL OIL (CODE 2914)	CRUDE PETROLEUM (CODE 1311)	JET FUEL (CODE 2912)	KEROSENE (CODE 2913)	RESIDUAL FUEL OIL (CODE 2915)	NAPHTHA (CODE 2917)	LUBRI- CATING OILS AND GREASES (CODE 2916)	OTHER PETROLEUM PRODUCTS (CODES 2918, 2921, 2991)
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES-		177							
TOTAL, SHIPPING AREA		487							
LAKE PONTCHARTRAIN, LA./ GULF OF MEXICO			765						
LAKE MAUREPAS, LA./ GULF OF MEXICO									588
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES-			11,532						
TOTAL, SHIPPING AREA			11,532						588
WATERWAY FROM EMPIRE, LA., TO GULF OF MEXICO/ ATCHAFALAYA RIVER, LA., CALCASIEU RIVER AND PASS, LA., CALVESTON BAY, TEXAS			12,256 16,087 67,534						
GULF INTRACOASTAL WATERWAY' CALVESTON TO CORPUS CHRISTI, TEXAS			3,080			4,140			
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES-			7,364						
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.			441,400						
TOTAL, SHIPPING AREA			547,721			4,140			
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX./ GULF OF MEXICO		502,768	336	88				3	
WARRIOR RIVER SYSTEM GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.			489,059						
WATERWAY FROM EMPIRE, LA., TO GULF OF MEXICO			508						
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.			25,994						
GULF INTRACOASTAL WATERWAY' PLAQUEMINE TO MORGAN CITY ROUTE, LA.		139,756	650,405	1,296		211			25
ATCHAFALAYA RIVER, LA., INLAND WATERWAY, FRANKLIN TO HERMENTAU RIVER, LA.		154 16,229	1,102 1,201,304						
BAYOU VERMILION, LA., CALCASIEU RIVER AND PASS, LA., SABINE-NECHES WATERWAY, TEXAS		2,641 1,291 1,069							
GALVESTON BAY, TEXAS		30,629	442	538,545		4,172			
GULF INTRACOASTAL WATERWAY' CALVESTON TO CORPUS CHRISTI, TEXAS		2,208	538,102			10,350			
GULF INTRACOASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER		4,927	81,632						
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES-			15,025						
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		5,212	3,182,538						
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.		12,538	309,331	9,430					
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER		7,533	8,426						
ARKANSAS RIVER, ARK., OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE		3,827							3,069
ILLINOIS RIVER, ILL., PORT OF CHICAGO, ILL.		3,983 5,052							
TOTAL, SHIPPING AREA	70,695	669,577	8,226,737	10,814		14,733		3	3,094
GULF INTRACOASTAL WATERWAY' PLAQUEMINE TO MORGAN CITY ROUTE, LA./ GULF OF MEXICO									1,458
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.									1,476
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.			629,234						

DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

TABLE 4--DOMESTIC INLAND MOVEMENTS OF PETROLEUM AND PETROLEUM PRODUCTS--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	GASOLINE (CODE 2911)	DISTILLATE FUEL OIL (CODE 2914)	CRUDE PETROLEUM (CODE 1311)	JET FUEL (CODE 2912)	KEROSENE (CODE 2913)	RESIDUAL FUEL OIL (CODE 2915)	NAPHTHA (CODE 2917)	LUBRI- CATING OILS AND GREASES (CODE 2916)	OTHER PETROLEUM PRODUCTS (CODES 2918, 2921, 2921)
GULF INTRACOASTAL WATERWAY/ PLAQUEMINE TO MORGAN CITY ROUTE, LA.,-----			113,506						
INLAND WATERWAY, FRANKLIN TO MERMENTAU RIVER, LA.,-----			1,102						
CALCASIEU RIVER AND PASS, LA.,-----			41,058						
SABINE-NECHES WATERWAY, TEXAS-----	50,079								
GALVESTON BAY, TEXAS-----	3,344								
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES- MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,-----	1,126	1,520							20,885
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,-----	55,639		149,367				5,590		
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----	1,095								1,193
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,-----	5,502								
TOTAL, SHIPPING AREA-----	117,185	1,520	934,267				5,590		29,012
ATCHAFALAYA RIVER, LA./ GULF OF MEXICO-----		938	240						
WARRIOR RIVER SYSTEM-----			57,608						
GULF INTRACOASTAL WATERWAY/ MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.,-----		12,017	87,469						
GULF INTRACOASTAL WATERWAY/ PLAQUEMINE TO MORGAN CITY ROUTE, LA.,-----			19,836						
ATCHAFALAYA RIVER, LA.,-----	3,033	7,082							
BAYOU VERMILION, LA.,-----		3,283							
CALCASIEU RIVER AND PASS, LA.,-----			47,365				4,010		
SABINE-NECHES WATERWAY, TEXAS-----	7,704	1,126	74,456				7,988		
GALVESTON BAY, TEXAS-----	36,910	14,395	5,514			49,352	39,836		5,248
GULF INTRACOASTAL WATERWAY/ CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER-----		9,870							
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES- MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,-----	2,594		15,168				4,596		20,265
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,-----	69,577	7,599				179,272			
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,-----	313,264	61,067				2,536			
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----	2,140								
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----	13,335								
WOLF RIVER, TENN.,-----	17,114	3,530							
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE-----	2,870	7,484		5,900					
TENNESSEE RIVER, TENN., ALA., AND KY.,-----	42,826	17,600							
KANAWHA RIVER, W.VA.,-----	6,181	3,041							
TOTAL, SHIPPING AREA-----	517,548	149,032	307,856	5,900		231,160	56,430		25,533
OUCHITA AND BLACK RIVERS, ARK, AND LA.,-----			2,624						
GULF OF MEXICO-----									
GULF INTRACOASTAL WATERWAY/ MOBILE BAY, ALA., TO NEW ORLEANS, LA.,-----			7,945						
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,-----			10,959						
TOTAL, SHIPPING AREA-----			21,528						
INLAND WATERWAY, FRANKLIN TO MERMENTAU RIVER, LA./ WARRIOR RIVER SYSTEM-----			214,811						
GULF INTRACOASTAL WATERWAY/ MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.,-----		9	340,907					2	
INLAND WATERWAY, FRANKLIN TO MERMENTAU RIVER, LA.,-----		132	9,858						
MERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.,-----			10,418						
CALCASIEU RIVER AND PASS, LA.,-----			269,443						
SABINE-NECHES WATERWAY, TEXAS-----			127,992						
GALVESTON BAY, TEXAS-----			140,881						
GULF INTRACOASTAL WATERWAY/ GALVESTON TO CORPUS CHRISTI, TEXAS-----			14,416			23,595			

Waterborne Commerce of the United States, 1987

TABLE 4--DOMESTIC INLAND MOVEMENTS OF PETROLEUM AND PETROLEUM PRODUCTS--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	GASOLINE (CODE 2911)	DISTILLATE FUEL OIL (CODE 2914)	CRUDE PETROLEUM (CODE 1311)	JET FUEL (CODE 2912)	KEROSENE (CODE 2913)	RESIDUAL FUEL OIL (CODE 2915)	NAPHTHA (CODE 2917)	LUBRI- CATING OILS AND GREASES (CODE 2916)	OTHER PETROLEUM PRODUCTS (CODES 2918, 2921, 2991)
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES-			92,727						
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW			31,253						
ORLEANS, LA., TO BUT NOT INCLUDING			72,790						
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,									
TOTAL, SHIPPING AREA		141	1,325,496			23,595		2	
BAYOU VERMILION, LA./ WARRIOR RIVER SYSTEM			63,029						
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO									
SABINE RIVER, TEX.,		653	32,632						
ATCHAFALAYA RIVER, LA.,			93,387						
CALCASIEU RIVER AND PASS, LA.,			151,319						
SABINE-NECHES WATERWAY, TEXAS--			52,426						
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES-			460						
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW			5,277						
ORLEANS, LA.,									
TOTAL, SHIPPING AREA		653	398,530						
VERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA./									17,997
GULF OF MEXICO--									
WARRIOR RIVER SYSTEM			66,228						
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW									8,918
ORLEANS, LA.,									
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO									
SABINE RIVER, TEX.,			11,490						
VERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.,			13,957						
CALCASIEU RIVER AND PASS, LA.,			48,308						
SABINE-NECHES WATERWAY, TEXAS--	85,735		235,218						
GALVESTON BAY, TEXAS--	51,056		72,826			1,032	2,477		
GULF INTRACOASTAL WATERWAY' GALVESTON TO CORPUS CHRISTI, TEXAS--	14,426					8,179	2,390		
GULF INTRACOASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER--	1,106		2,306						
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES-									116,032
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW									
ORLEANS, LA.,	32,271		11,533			1,015			2,681
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,	8,470								
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE--	1,296								
PORT OF CHICAGO, ILL.--	2,140								
TOTAL, SHIPPING AREA	196,500		461,866			11,026	4,867		145,628
CALCASIEU RIVER AND PASS, LA./ GULF INTRACOASTAL WATERWAY' APALACHEE BAY, FLA., TO MOBILE BAY, ALA.,	3,891			9,242			2,582		
GULF OF MEXICO--		4,449						231	
WARRIOR RIVER SYSTEM	57,488					6,426			5,098
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW	7,253								
ORLEANS, LA.,									
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO		46,617				61,833			
SABINE RIVER, TEX.,									
GULF INTRACOASTAL WATERWAY' PLAQUEMINE TO MORGAN CITY ROUTE, LA.,								5,932	
ATCHAFALAYA RIVER, LA.,		17,326							
BAYOU VERMILION, LA.,		5,661							
VERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.,						1,533			
CALCASIEU RIVER AND PASS, LA.,		303,135	185,787	3,894	17,579		35,264	3,312	
SABINE-NECHES WATERWAY, TEXAS--	63,134	27,602	84,520			13,263	23,310	32,645	2,200
GALVESTON BAY, TEXAS--	50,216	192,449	833,596			270,413	41,925	8,210	21,882
GULF INTRACOASTAL WATERWAY' GALVESTON TO CORPUS CHRISTI, TEXAS--	69,993	15,918				131,478			11,821
GULF INTRACOASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER--	9,421					16,349		5,808	6,709

DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

TABLE 4--DOMESTIC INLAND MOVEMENTS OF PETROLEUM AND PETROLEUM PRODUCTS--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987
(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	GASOLINE (CODE 2911)	DISTILLATE FUEL OIL (CODE 2914)	CRUDE PETROLEUM (CODE 1311)	JET FUEL (CODE 2912)	KEROSENE (CODE 2913)	RESIDUAL FUEL OIL (CODE 2915)	NAPHTHA (CODE 2917)	LUBRI- CATING OILS AND GREASES (CODE 2916)	OTHER PETROLEUM PRODUCTS (CODES 2918, 2921, 2991)
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES-	11,028	17,497	6,530			129,439	16,168	1,400	
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	15,147	33,500	215,203	9,243		47,562			13,332
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	145,386	89,181						21,756	10,220
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	59,971	21,614					1,358	57,501	
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	16,605	4,751						24,156	
YAZOO RIVER AND MOUTH, MISS.	83,258	3,112				14,337			
ARKANSAS RIVER, ARK.									
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE	30,945	42,068							
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON								1,544	
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH								8,758	
TENNESSEE RIVER, TENN., ALA. AND KY.	3,402								
ALLEGHENY RIVER, PA.	2,140						7,902	42,823	131,100
PORT OF CHICAGO, ILL.									
TOTAL, SHIPPING AREA	629,278	824,680	1,325,636	22,379	17,579	692,233	128,509	345,176	71,261
SABINE-NECHES WATERWAY, TEXAS/ GULF INTRACOASTAL WATERWAY' APALACHEE BAY, FLA., TO MOBILE BAY, ALA.	4,879	15,261		33,702		29,338	5,500		
GULF OF MEXICO		18,323		142					
HARRIS RIVER SYSTEM		33,086	242,802			64,914	12,322		1,529
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.	60,928	42,013				6,916	13,123		21,755
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.	143,687	52,136	1,272			110,045			
GULF INTRACOASTAL WATERWAY' PLAQUEMINE TO MORGAN CITY ROUTE, LA.							26,700	26,137	
ATCHAFALAYA RIVER, LA.		7,508	3,408			64,235			
INLAND WATERWAY, FRANKLIN TO MERMENTAU RIVER, LA.		701							
BAYOU VERMILION, LA.		3,548							
MERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.			766						1,211
CALCASIEU RIVER AND PASS, LA.	13,005	7,004	103,397		60,169	114,042	26,353	5,600	74,259
SABINE-NECHES WATERWAY, TEXAS-- GULF INTRACOASTAL WATERWAY'	131,159	108,418	574,130		3,125	199,264	200,059	10,819	5,620
SABINE RIVER TO GALVESTON, TEXAS							1,400		
GALVESTON BAY, TEXAS	143,222	338,969	105,176	158,979		1,205,014	155,812	99,008	219,266
GULF INTRACOASTAL WATERWAY' GALVESTON TO CORPUS CHRISTI, TEXAS	76,056	18,486							21,176
GULF INTRACOASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER	2,533		3,110			100,900	28,789	22,626	29,530
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES-	38,452	20,851	26,658	7,402		257,585	10,496	20,010	1,363
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	119,479	21,925	20,370	9,243		179,345	1,400	43,424	81,213
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	8,300	27,375	10,462				2,765	28,238	5,909
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER							2,683	34,722	
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	12,477					3,400		11,942	
ARKANSAS RIVER, ARK.									19,090
WOLF RIVER, TENN.							10,400		41,351
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE		19,609		10,856			1,355	101,139	18,076
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH						41,964	2,686	61,141	
TENNESSEE RIVER, TENN., ALA. AND KY.									17,938
CUMBERLAND RIVER, TENN. AND KY.									17,606
KANAWHA RIVER, W.VA.								2,782	
ALLEGHENY RIVER, PA.								17,125	
ILLINOIS RIVER, ILL.	5,188	20,998				23,184			
PORT OF CHICAGO, ILL.						4,700	21,572	105,182	15,641
TOTAL, SHIPPING AREA	759,375	756,211	1,091,553	220,324	63,294	2,404,846	523,415	539,895	592,333

DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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TABLE 4--DOMESTIC INLAND MOVEMENTS OF PETROLEUM AND PETROLEUM PRODUCTS--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	GASOLINE (CODE 2911)	DISTILLATE FUEL OIL (CODE 2914)	CRUDE PETROLEUM (CODE 1311)	JET FUEL (CODE 2912)	KEROSENE (CODE 2913)	RESIDUAL FUEL OIL (CODE 2915)	NAPHTHA (CODE 2917)	LUBRI- CATING OILS AND GREASES (CODE 2916)	OTHER PETROLEUM PRODUCTS (CODES 2918, 2921, 2991)
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.						5,339			
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.		1,650							
ATCHAFALAYA RIVER, LA.		1,358	6,128						
BAYOU VERMILION, LA.		771							
CALCASIEU RIVER AND PASS, LA.	16,886		5,680						48,520
SABINE-NECHES WATERWAY, TEXAS	4,203		27,833				9,775		18,582
GALVESTON BAY, TEXAS	285,531	36,793	42,056	19,810		275,450	69,109	5,686	45,987
GULF INTRACOASTAL WATERWAY' GALVESTON TO CORPUS CHRISTI, TEXAS		4,700	57,044			19,532	6,744		193
GULF INTRACOASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER	7,797	4,620	123,741			8,739			4,164
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES						11,472			
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	13,537		13,498			6,055	5,003		4,281
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.							3,358		
ARKANSAS RIVER, ARK.				6,454					
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH						7,777			
MONONGAMELA RIVER, PA. AND VA.						1,332			
PORT OF CHICAGO, ILL.							8,386		
TOTAL, SHIPPING AREA	327,954	50,092	275,980	36,122		335,696	102,375	5,686	121,747
GULF INTRACOASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER/ GULF INTRACOASTAL WATERWAY' APALACHEE BAY, FLA., TO MOBILE BAY, ALA.	200,100			46,001					
WARRIOR RIVER SYSTEM		40,483				27,113			15,331
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.						15,777			
ATCHAFALAYA RIVER, LA.		6,010				33,920			
CALCASIEU RIVER AND PASS, LA.	3,334				101,120	52,006			28,285
SABINE-NECHES WATERWAY, TEXAS	381,852	142,532	17,506	16,253		39,511	37,546	1,698	
GALVESTON BAY, TEXAS	1,152,679	535,878	164,730	101,908		830,193	46,155	8,059	93,265
GULF INTRACOASTAL WATERWAY' GALVESTON TO CORPUS CHRISTI, TEXAS	60,283	50,992	309,278			161,456	3,569		47,022
GULF INTRACOASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER	979,476	252,161	233,707	3,555		592,857	60,611	22	59,329
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES	141,948	56,273							
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	7,732	3,073	13,620	3,798		84,151			2,909
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	270,668	55,939							
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER		5,935			23,137				
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE	109,778	7,532					10,280		10,652
MISSOURI RIVER					6,694				12,204
ILLINOIS RIVER, ILL.									4,256
MINNESOTA RIVER, MINN.						7,468			31,914
PORT OF CHICAGO, ILL.					37,595		4,243		
TOTAL, SHIPPING AREA	3,307,850	1,156,808	738,841	171,515	168,546	1,844,452	162,404	9,779	305,177
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES/ GULF INTRACOASTAL WATERWAY' APALACHEE BAY, FLA., TO MOBILE BAY, ALA.	42,835	34,187				23,184			24,018
APALACHICOLA, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA.						10,029			
GULF OF MEXICO		50,527							23,923
WARRIOR RIVER SYSTEM	2,775	6,000				23,946			12,088
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.	26,494	22,660	267			50,510			945
INNERHARBOR NAVIGATION CANAL, LA.						96,212			
WATERWAY FROM EMPIRE, LA., TO GULF OF MEXICO			12,270						

Waterborne Commerce of the United States, 1987

TABLE 4--DOMESTIC INLAND MOVEMENTS OF PETROLEUM AND PETROLEUM PRODUCTS--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	GASOLINE (CODE 2911)	DISTILLATE FUEL OIL (CODE 2914)	CRUDE PETROLEUM (CODE 1311)	JET FUEL (CODE 2912)	KEROSENE (CODE 2913)	RESIDUAL FUEL OIL (CODE 2915)	NAPHTHA (CODE 2917)	LUBRI- CATING OILS AND GREASES (CODE 2918)	OTHER PETROLEUM PRODUCTS (CODES 2919, 2921, 2991)
GULF INTRACOASTAL WATERWAY/ MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX., TO ATCHAFALAYA RIVER, LA., TO INLAND WATERWAY, FRANKLIN TO HERMENTAUX RIVER, LA., TO BAYOU VERMILION, LA., TO CALCASIEU RIVER AND PASS, LA., TO SABINE-NECHES WATERWAY, TEXAS, GALVESTON BAY, TEXAS	2,594	230,074 15,136	53,682 39,188			98,965 7,356			
GULF INTRACOASTAL WATERWAY/ GALVESTON TO CORPUS CHRISTI, TEXAS		1,489 5,080							
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES- MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	1,400	268,239	514,748			1,263,038	55,784	3,971	712
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	122,222	100,113	1,050,215			524,766	17,674		40,607
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	5,583	96,824	15,633			2,970	4,786		54,096
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	13,576	2,964				25,368		9,262	
YAZOO RIVER AND MOUTH, MISS. ARKANSAS RIVER, ARK.	15,538	16,718 2,612				3,138			
WOLF RIVER, TENN. OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE	74,165	55,822							
OHIO RIVER' ENGINEER DISTRICT, MUNTINGTON	561,350	247,230		61,972	7,768				6,181
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH		9,524				27,923			
TENNESSEE RIVER, TENN., ALA. AND KY.	380,551	5,515				14,708			
KANAWHA RIVER, W.VA. MONONGAHELA RIVER, PA. AND W.VA.	9,258	165,290		1,242		10,893			
ILLINOIS RIVER, ILL. PORT OF CHICAGO, ILL.	30,933	2,600 3,278	5,840			12,750 5,191			
TOTAL, SHIPPING AREA	1,289,274	1,360,496	2,375,169	63,214	7,768	2,497,983	97,199	13,233	162,570
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA./ GULF INTRACOASTAL WATERWAY/ APALACHEE BAY, FLA., TO MOBILE BAY, ALA. APALACHICOLA, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA. GULF OF MEXICO WARRIOR RIVER SYSTEM ALABAMA-COOSA RIVERS, ALA. AND GA. GULF INTRACOASTAL WATERWAY/ MOBILE BAY, ALA., TO NEW ORLEANS, LA. INNERHARBOR NAVIGATION CANAL, LA. WATERWAY FROM EMPIRE, LA., TO GULF OF MEXICO GULF INTRACOASTAL WATERWAY/ MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX. GULF INTRACOASTAL WATERWAY/ PLAQUEMINE TO MORGAN CITY ROUTE, LA. ATCHAFALAYA RIVER, LA. OUCHITA AND BLACK RIVERS, ARK, AND LA. INLAND WATERWAY, FRANKLIN TO HERMENTAUX RIVER, LA. BAYOU VERMILION, LA. CALCASIEU RIVER AND PASS, LA. SABINE-NECHES WATERWAY, TEXAS GALVESTON BAY, TEXAS GULF INTRACOASTAL WATERWAY/ GALVESTON TO CORPUS CHRISTI, TEXAS GULF INTRACOASTAL WATERWAY/ CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES-	116,379	6,828		69,253		35,203		57,054	
	190,624	3,731 38,654	36,768 46,171			54,498			6,128
	13,147	5,652				248,665	6,120		31,067
			7,660			3,349			
	5,796	42,026	34,852	5,666		79,641			943
	15,948	373,888	444,950			88,437	1,400 80,097	34,922	12,668
	264,151	2,301							
		1,632							
		3,646							
		9,058			28,706	9,936		3,137	
	46,532	24,785	92,603			294,546		1,051	8,037
	411,123	616,515	14,782	109,098	3,374	550,648	477,604	58,566	112,581
						24,892		5,777	6,748
							7,488	1,696	14,176
	256,814	345,602	758,219	7,064		1,505,052	4,751	34,661	31,870

DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

TABLE 4--DOMESTIC INLAND MOVEMENTS OF PETROLEUM AND PETROLEUM PRODUCTS--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	GASOLINE (CODE 2911)	DISTILLATE FUEL OIL (CODE 2914)	CRUDE PETROLEUM (CODE 1311)	JET FUEL (CODE 2912)	KEROSENE (CODE 2913)	RESIDUAL FUEL OIL (CODE 2915)	NAPHTHA (CODE 2917)	LUBRI- CATING OILS AND GREASES (CODE 2916)	OTHER PETROLEUM PRODUCTS (CODES 2918, 2921, 2991)
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	175,059	336,339	296,669	73,843	23,458	1,069,930	84,162	2	85,007
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	1,591,473	195,761	161,653	292,902		409,274		1,377	94,071
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	62,397	9,313		37,816				7,633	4,334
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	309,644	38,269	133,354	13,456		1,717	1,827	54,908	
YAZOO RIVER AND MOUTH, MISS.	6,778	3,334						18,996	33,263
ARKANSAS RIVER, ARK.	35,068	8,055		47,969		6,173			13,902
WOLF RIVER, TENN.	124,783	15,224				30,478			206,448
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE	174,863	205,662		104,543	1,321	6,020		4,061	174,474
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON						23,176		1,447	75,515
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH	288,888	4,559				107,253		9,913	44,731
TENNESSEE RIVER, TENN., ALA. AND KY.	9,304	41,886						1,712	26,614
CUMBERLAND RIVER, TENN. AND KY., KANAWHA RIVER, W.VA.	7,729	1,898					1,269		50,986
MONONGAHELA RIVER, PA. AND W.VA.		1,645				9,943			36,887
ALLEGHENY RIVER, PA.		7,402						2,881	
MISSOURI RIVER									42,629
ILLINOIS RIVER, ILL.	6,400	12,518				542,100	34,242	1,243	109,773
PORT OF CHICAGO, ILL.	3,330	21,126				27,794	1,419	2,902	2,923
TOTAL, SHIPPING AREA	4,116,230	2,377,319	2,027,681	761,610	56,859	5,138,563	700,379	304,339	1,231,775
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA. /									
APALACHICOLA, CHATTAHOCHEE AND FLINT RIVERS, GA. AND FLA.							3,205		
WARRIOR RIVER SYSTEM						6,278			12,488
GULF INTRACASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.			920						
ATCHAFALAYA RIVER, LA.			7,656						
CALCASIEU RIVER AND PASS, LA.	3,906								
SABINE-NECHES WATERWAY, TEXAS							2,726		
GALVESTON BAY, TEXAS	7,861	8,352	52,075				5,848		
GULF INTRACASTAL WATERWAY CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER				5,361					
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES	6,614		48,401						
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	23,310		585,553			26,061			9,442
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	131,603	92,704							6,186
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER					8,252			1,331	
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER					1,359	14,891			
WOLF RIVER, TENN.		16,101							15,551
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE	2,900	7,954			13,260				6,007
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON		2,693							
TENNESSEE RIVER, TENN., ALA. AND KY.	757	2,819			1,255				
CUMBERLAND RIVER, TENN. AND KY., ILLINOIS RIVER, ILL.		5,600					1,400		6,624
PORT OF CHICAGO, ILL.					1,469	9,450	16,299	3,650	
TOTAL, SHIPPING AREA	176,951	136,223	699,976		25,595	56,670	29,478	4,981	56,298
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER /									
SABINE-NECHES WATERWAY, TEXAS		1,992						1,331	
GALVESTON BAY, TEXAS						8,100			
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.						154,357			
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	7,446							1,331	

Waterborne Commerce of the United States, 1987

TABLE 4--DOMESTIC INLAND MOVEMENTS OF PETROLEUM AND PETROLEUM PRODUCTS--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	GASOLINE (CODE 2911)	DISTILLATE FUEL OIL (CODE 2914)	CRUDE PETROLEUM (CODE 1311)	JET FUEL (CODE 2912)	KEROSENE (CODE 2913)	RESIDUAL FUEL OIL (CODE 2915)	NAPHTHA (CODE 2917)	LUBRI- CATING OILS AND GREASES (CODE 2916)	OTHER PETROLEUM PRODUCTS (CODES 2918, 2921, 2991)
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	140,295	22,544				20,728			3,000
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	131,147	37,476				12,529			6,950
WOLF RIVER, TENN.	20,761	2,862							
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE	129,105	124,572			541	3,791			
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON						10,342			
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH						51,695			
TENNESSEE RIVER, TENN., ALA, AND KY.	10,644					3,601			
BIG SANDY RIVER, KY. AND W.VA.						1,429			
ILLINOIS RIVER, ILL.	35,632	4,104				6,352			8,797
BLACK RIVER, MIS.	12,531	16,441							
PORT OF CHICAGO, ILL.						5,135		1,511	
TOTAL, SHIPPING AREA	467,561	210,011			541	262,109		4,173	18,747
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER/ WARRIOR RIVER SYSTEM						24,404			31,195
CALCASIEU RIVER AND PASS, LA.						57,960			
SABINE-NECHES WATERWAY, TEXAS	2,092								
GALVESTON BAY, TEXAS	1,425					12,109			
GULF INTRACOSTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER									6,075
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES		9,867				176,576		6,274	23,133
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	6,984	45,873	353,503			428,800		50,973	6,908
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.		12,673		2,872					3,272
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	242,057	196,382				235,948			100,069
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	1,022,038	332,626			4,394	6,036			157,667
WOLF RIVER, TENN.	2,140	5,460				7,278			42,093
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE	350,659	158,452							182,822
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON		17,506				5,938			7,350
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH		13,910				10,840			
TENNESSEE RIVER, TENN., ALA, AND KY.	33,938	6,459				14,468			247,036
CUMBERLAND RIVER, TENN. AND KY.									54,840
MISSOURI RIVER									183,199
ILLINOIS RIVER, ILL.	258,431	73,443				2,809			54,251
BLACK RIVER, MIS.	32,342	4,191							17,767
MINNESOTA RIVER, MINN.									17,819
PORT OF CHICAGO, ILL.	6,866					54,311		2,137	39,641
TOTAL, SHIPPING AREA	1,959,392	876,842	353,503	2,872	4,394	1,037,547		61,384	1,175,247
YAZOO RIVER AND MOUTH, MISS./ SABINE-NECHES WATERWAY, TEXAS							2,177		
GALVESTON BAY, TEXAS		9,376	6,802				4,362		
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	620								
TOTAL, SHIPPING AREA	620	9,376	6,802				6,539		
ARKANSAS RIVER, ARK./ SABINE-NECHES WATERWAY, TEXAS								7,502	
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES						2,607			
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.						78,136			21,816
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER							1,381		
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER								3,985	
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE	1,635					5,632			16,282
ALLEGHENY RIVER, PA.								9,784	
MINNESOTA RIVER, MINN.						7,294			6,183
TOTAL, SHIPPING AREA	1,635					93,669	1,381	21,271	46,261

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TABLE 4--DOMESTIC INLAND MOVEMENTS OF PETROLEUM AND PETROLEUM PRODUCTS--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	GASOLINE (CODE 2911)	DISTILLATE FUEL OIL (CODE 2914)	CRUDE PETROLEUM (CODE 1311)	JET FUEL (CODE 2912)	KEROSENE (CODE 2913)	RESIDUAL FUEL OIL (CODE 2915)	NAPHTHA (CODE 2917)	LUBRI- CATING OILS AND GREASES (CODE 2916)	OTHER PETROLEUM PRODUCTS (CODES 2918, 2921, 2991)
KANAWHA RIVER, W.VA.	638,706	330,445		3,618	25,002				
LITTLE KANAWHA RIVER, W.VA.	85,954	1,917							
MONONGAHELA RIVER, PA. AND W.VA.	205,825	235,266		6,619	19,410				27,248
ALLEGHENY RIVER, PA.		5,763							
PORT OF CHICAGO, ILL.							1,369	1,437	
TOTAL, SHIPPING AREA	3,606,947	1,919,679	303,532	665,179	83,248	221,446	10,543	103,601	367,379
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH/ GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX. GALVESTON BAY, TEXAS	17,477					2,438		1,268	
GULF INTRACOASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER								1,341	
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.						11,288			5,572
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	1,932								
YAZOO RIVER AND MOUTH, MISS. WOLF RIVER, TENN.								18,443	1,182
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE	1,241								
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON	758					4,660			
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH	11,472	36,103				35,823			
TENNESSEE RIVER, TENN., ALA. AND KY.						34,646			
CUMBERLAND RIVER, TENN. AND KY. BIG SANDY RIVER, KY. AND W.VA. MONONGAHELA RIVER, PA. AND W.VA.	153,990	89,644				2,917			5,790
ALLEGHENY RIVER, PA.		195							
ILLINOIS RIVER, ILL.						11,116			
TOTAL, SHIPPING AREA	186,870	146,737	1,336			129,152		20,227	12,544
TENNESSEE RIVER, TENN., ALA. AND KY./ SABINE-NECHES WATERWAY, TEXAS GALVESTON BAY, TEXAS	5,600	14,155					109,852		7,792
GULF INTRACOASTAL WATERWAY' GALVESTON TO CORPUS CHRISTI, TEXAS	9,800								8,779
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	2,800	8,264					5,411		
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.						3,486			
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER									3,022
WOLF RIVER, TENN.	779								
TENNESSEE RIVER, TENN., ALA. AND KY.		38,275	40			275			
CUMBERLAND RIVER, TENN. AND KY.		1,699							
TOTAL, SHIPPING AREA	18,978	62,393	40			3,761	115,263		19,593
CUMBERLAND RIVER, TENN. AND KY./ OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE			36,000						
BIG SANDY RIVER, KY. AND W.VA./ SABINE-NECHES WATERWAY, TEXAS MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.						78,367		1,383	
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.						47,159		2,866	
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER							787	31,759	
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER								21,338	
YAZOO RIVER AND MOUTH, MISS. ARKANSAS RIVER, ARK.								1,902	
								2,406	

DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

TABLE 4--DOMESTIC INLAND MOVEMENTS OF PETROLEUM AND PETROLEUM PRODUCTS--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	GASOLINE (CODE 2911)	DISTILLATE FUEL OIL (CODE 2914)	CRUDE PETROLEUM (CODE 1311)	JET FUEL (CODE 2912)	KEROSENE (CODE 2913)	RESIDUAL FUEL OIL (CODE 2915)	NAPHTHA (CODE 2917)	LUBRI- CATING OILS AND GREASES (CODE 2916)	OTHER PETROLEUM PRODUCTS (CODES 2918, 2921, 2916)
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE						1,954	15,116	115,949	265,730
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON						20,061	5,998	1,441	5,348
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH						29,733	30,111	93,513	34,353
TENNESSEE RIVER, TENN., ALA. AND KY.						111,057			22,805
CUMBERLAND RIVER, TENN. AND KY., KANAWHA RIVER, W.VA.	1,557					2,187			210,419
MONONGAMELA RIVER, PA. AND W.VA.	2,781							1,487	144,716
ALLEGHENY RIVER, PA.								6,999	
ILLINOIS RIVER, ILL.								1,380	
PORT OF CHICAGO, ILL.							7,764	1,401	
TOTAL, SHIPPING AREA	4,338					290,518	59,776	286,992	683,371
KANAWHA RIVER, W.VA./ MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	775								
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH						852			
TOTAL, SHIPPING AREA	775					852			
LITTLE KANAWHA RIVER, W.VA./ MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.			3,088						
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE			1,991						
TOTAL, SHIPPING AREA			5,079						
MONONGAMELA RIVER, PA. AND W.VA./ SABINE-NECHES WATERWAY, TEXAS-- GALVESTON BAY, TEXAS								8,298	
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE						19,600			1,966
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON	859								4,732
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH									12,376
BIG SANDY RIVER, KY. AND W.VA.		23,551	2,871			37,800			2,577
MONONGAMELA RIVER, PA. AND W.VA.		1,551				43,800			
TOTAL, SHIPPING AREA	859	25,102	2,871			101,200		8,298	21,651
ALLEGHENY RIVER, PA./ SABINE-NECHES WATERWAY, TEXAS-- GALVESTON BAY, TEXAS								1,363	
GULF INTRACASTAL WATERWAY/ CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER								20,906	
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES-								2,738	
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.								1,102	
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER								6,901	
TOTAL, SHIPPING AREA								3,861	
MISSOURI RIVER/ MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES-						5,900			
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER									9,165
ILLINOIS RIVER, ILL.									3,082
TOTAL, SHIPPING AREA						5,900			12,247
ILLINOIS RIVER, ILL./ WARRIOR RIVER SYSTEM		2,284							
SABINE-NECHES WATERWAY, TEXAS-- GALVESTON BAY, TEXAS	48,255	4,065							
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	18,392					86,631			
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	58,259	43,649				21,442			

Waterborne Commerce of the United States, 1987

TABLE 4--DOMESTIC INLAND MOVEMENTS OF PETROLEUM AND PETROLEUM PRODUCTS--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	GASOLINE (CODE: 2911)	DISTILLATE FUEL OIL (CODE: 2914)	CRUDE PETROLEUM (CODE: 1311)	JET FUEL (CODE: 2912)	KEROSENE (CODE: 2913)	RESIDUAL FUEL OIL (CODE: 2915)	NAPHTHA (CODE: 2917)	LUBRI- CATING OILS AND GREASES (CODE: 2916)	OTHER PETROLEUM PRODUCTS (CODES 2918, 2921, 2911)
MISSISSIPPI RIVER/ MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	3,897	4,801	2,538			3,773			
OHIO RIVER/ ENGINEER DISTRICT, LOUISVILLE		18,095							
OHIO RIVER/ ENGINEER DISTRICT, HUNTINGTON						16,194			
TENNESSEE RIVER, TENN., ALA. AND KY.						7,164			
ILLINOIS RIVER, ILL.	77,273	56,800				1,827			6,000
BLACK RIVER, WIS.	52,185	18,715							
PORT OF CHICAGO, ILL.	1,400	77,376				45,893			16,357
TOTAL, SHIPPING AREA	259,661	225,985	2,538			188,553			22,357
BLACK RIVER, WIS./ MISSISSIPPI RIVER/ MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	4,493								
MISSISSIPPI RIVER/ MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER		1,928							11,900
TOTAL, SHIPPING AREA	4,493	1,928							11,900
MINNESOTA RIVER, MINN./ MISSISSIPPI RIVER/ MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER									6,179
LAKE ERIE/ LAKE ERIE						2,339			
DETROIT AND ROUGE RIVERS, MICH./ DETROIT AND ROUGE RIVERS, MICH.		1,624				91,225			739
LAKE MICHIGAN/ MISSISSIPPI RIVER/ MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER								29,447	19,090
TENNESSEE RIVER, TENN., ALA. AND KY.								21,674	11,894
ILLINOIS RIVER, ILL.	16,800					2,800			
LAKE MICHIGAN	3,531		2,528	3,468		14,485			1,758
PORT OF CHICAGO, ILL.						2,606			
TOTAL, SHIPPING AREA	20,331		2,528	3,468		19,891		51,121	32,742
PORT OF CHICAGO, ILL./ WARRIOR RIVER SYSTEM- GULF INTRACOASTAL WATERWAY/ MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.						17,864			7,125
SABINE-NECHES WATERWAY, TEXAS	7,013	4,826				21,558	25,544	1,331	
GALVESTON BAY, TEXAS- MISSISSIPPI RIVER/ NEW ORLEANS, LA., TO MOUTH OF PASSES- MISSISSIPPI RIVER/ BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		10,202				12,495	11,231		
MISSISSIPPI RIVER/ MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	1,367					14,747			6,364
MISSISSIPPI RIVER/ MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER						62,039		3,376	
MISSISSIPPI RIVER/ MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER		14,357				58,080			55,187
WOLF RIVER, TENN.			159,739			87,977			32,403
OHIO RIVER/ ENGINEER DISTRICT, LOUISVILLE		4,595							8,918
OHIO RIVER/ ENGINEER DISTRICT, HUNTINGTON		18,367	4,616			59,571		1,491	3,546
OHIO RIVER/ ENGINEER DISTRICT, PITTSBURGH						8,970			10,647
BIG SANDY RIVER, KY. AND W.VA.- MONONGAMELA RIVER, PA. AND W.VA.		6,849				18,661			
ILLINOIS RIVER, ILL.	37,387	30,870	3,376			32,045	10,913		14,186
LAKE MICHIGAN							4,200		
PORT OF CHICAGO, ILL.	57,271	159,072	15,941	2,316	1,253	291,808	40,349	3,988	167,818
TOTAL, SHIPPING AREA	103,038	252,997	183,672	2,316	1,253	685,815	92,237	10,186	344,433
LAKE SUPERIOR/ LAKE SUPERIOR		8,775				33,982			

DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

TABLE 4--DOMESTIC INLAND MOVEMENTS OF PETROLEUM AND PETROLEUM PRODUCTS--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	GASOLINE (CODE 2911)	DISTILLATE FUEL OIL (CODE 2914)	CRUDE PETROLEUM (CODE 1311)	JET FUEL (CODE 2912)	KEROSENE (CODE 2913)	RESIDUAL FUEL OIL (CODE 2915)	NAPHTHA (CODE 2917)	LUBRI- CATING OILS AND GREASES (CODE 2918)	OTHER PETROLEUM PRODUCTS (CODES 2919, 2921, 2991)
LOS ANGELES AND LONG BEACH HARBORS, CALIF./ LOS ANGELES AND LONG BEACH HARBORS, CALIF.,-----	32,236	325,065	112,785	-----	-----	7,410,199	-----	6,591	25,842
SAN FRANCISCO BAY AREA/ SAN FRANCISCO BAY AREA----- SAN JOAQUIN RIVER, CALIF.,-----	122,765	425,559	3,827,952	191,960	-----	2,382,799 133,341	-----	126,711	56,253
TOTAL, SHIPPING AREA-----	122,765	425,559	3,827,952	191,960	-----	2,516,140	-----	126,711	56,253
SAN JOAQUIN RIVER, CALIF./ SAN FRANCISCO BAY AREA-----	-----	-----	-----	-----	-----	35,067	-----	-----	-----
COLUMBIA RIVER' VANCOUVER, WASH., TO THE MOUTH/ COLUMBIA RIVER' VANCOUVER, WASH., TO THE MOUTH----- COLUMBIA RIVER' ABOVE CELILO FALLS TO KENNEWICK, WASH.,----- WILLAMETTE AND YAMHILL RIVERS, OREG.,----- SNAKE RIVER, OREG., WASH, AND IDAHO-----	29,952 12,512	18,684 11,151	-----	-----	-----	8,925	-----	402	24,672
TOTAL, SHIPPING AREA-----	42,464	29,835	-----	-----	-----	8,925	-----	402	24,672
COLUMBIA RIVER' ABOVE CELILO FALLS TO KENNEWICK, WASH./ COLUMBIA RIVER' VANCOUVER, WASH., TO THE MOUTH----- COLUMBIA RIVER' ABOVE CELILO FALLS TO KENNEWICK, WASH.,----- WILLAMETTE AND YAMHILL RIVERS, OREG.,----- SNAKE RIVER, OREG., WASH, AND IDAHO-----	1,300 4,608 74,159	50,037 19,128 7,705	-----	-----	-----	-----	-----	-----	-----
TOTAL, SHIPPING AREA-----	80,067	76,870	-----	-----	-----	-----	-----	-----	-----
WILLAMETTE AND YAMHILL RIVERS, OREG./ COLUMBIA RIVER' VANCOUVER, WASH., TO THE MOUTH----- COLUMBIA RIVER' VANCOUVER, WASH., TO THE DALLES, OREG.,----- COLUMBIA RIVER' ABOVE CELILO FALLS TO KENNEWICK, WASH.,----- WILLAMETTE AND YAMHILL RIVERS, OREG.,----- SNAKE RIVER, OREG., WASH, AND IDAHO-----	20,167 391,371 50,810 18,765	26,562 1,062 545,229 27,904 76,869	-----	45,376 1,647	-----	353,576 25,506 97,666 1,971	-----	5,347 609	-----
TOTAL, SHIPPING AREA-----	481,113	677,626	-----	47,023	-----	478,719	-----	5,956	-----
GRAYS HARBOR AND CHEMALIS RIVER, WASH./ GRAYS HARBOR AND CHEMALIS RIVER, WASH.,-----	-----	2,558	-----	-----	-----	41,888	-----	-----	-----
PUGET SOUND AND TRIBUTARY WATERS/ PUGET SOUND AND TRIBUTARY WATERS-----	243,054	267,537	-----	162,609	-----	1,813,266	-----	1,014	499,908
LOWER & UPPER SOUTHEAST ALASKA/ LOWER & UPPER SOUTHEAST ALASKA--	30,163	73,805	-----	10,262	-----	509	27	63	91
PRINCE WILLIAM & COOK INLET, ALASKA AREA/ PRINCE WILLIAM & COOK INLET, ALASKA AREA-----	1,284	21,496	99,235	17,183	-----	-----	-----	-----	-----
ALASKA PENINSULA/ ALASKA PENINSULA-----	3,282	16,174	-----	8,178	-----	-----	-----	-----	8,244
YUKON RIVER, ALASKA/ YUKON RIVER, ALASKA-----	-----	-----	-----	-----	-----	-----	-----	-----	21,793
BERING SEA PORTS, ALASKA/ BERING SEA PORTS, ALASKA-----	7	11,008	-----	-----	-----	-----	-----	-----	3,344
HAHU, HAWAII/ HAHU, HAWAII-----	7,128	-----	-----	-----	-----	213,833	-----	-----	-----

Waterborne Commerce of the United States, 1987

TABLE 5--DOMESTIC INLAND MOVEMENTS OF IRON AND STEEL
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	PIG IRON (CODE 3311)	IRON AND STEEL SCRAP (CODE 4011)	IRON AND STEEL SEMIFINISHED PRODUCTS (CODE 3314)	IRON AND STEEL FINISHED PRODUCTS (CODES 3315, 3316, 3319)	IRON AND STEEL PIPE AND TUBE (CODE 3317)
TOTAL, ALL SHIPPING AREAS	170,078	3,311,740	1,520,705	2,810,950	1,101,721
PORT OF NEW YORK, N.Y. AND N.J./ PORT OF NEW YORK, N.Y. AND N.J.		428,158			
DELAWARE RIVER/ NEW JERSEY SIDE/ ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, CHARLESTON		7,383			
MANTUA CREEK, N.J./ ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, SAVANNAH ST. JOHNS RIVER, FLA.				2,877 18,248	
TOTAL, SHIPPING AREA				21,125	
CHOPTANK RIVER, MD./ BALTIMORE HARBOR AND CHANNELS, MD.		250			
BALTIMORE HARBOR AND CHANNELS, MD./ DELAWARE RIVER/ NEW JERSEY SIDE ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, SAVANNAH ST. JOHNS RIVER, FLA.		1,067		1,108 26,733	
TOTAL, SHIPPING AREA		1,067		27,841	
POTOMAC RIVER AND TRIBUTARIES/ POTOMAC RIVER AND TRIBUTARIES		200			
HAMPTON ROADS, VA./ BALTIMORE HARBOR AND CHANNELS, MD. ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, CHARLESTON		3,185 19,252			
TOTAL, SHIPPING AREA		22,437			
CAPE FEAR RIVER, N.C./ ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, CHARLESTON		8,645			
ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, CHARLESTON/ MANTUA CREEK, N.J. CHRISTINA RIVER, DEL. BALTIMORE HARBOR AND CHANNELS, MD. CAPE FEAR RIVER, N.C. ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, CHARLESTON ST. JOHNS RIVER, FLA.				8,740 7,585 25,819 1,519 100 11,851	
TOTAL, SHIPPING AREA			13,370	47,535	
SAVANNAH RIVER, GA./ MANTUA CREEK, N.J. CAPE FEAR RIVER, N.C. ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, CHARLESTON ST. JOHNS RIVER, FLA.					2,382 1,062 5,537 12,548
TOTAL, SHIPPING AREA				32,692	3,444
ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, SAVANNAH/ DELAWARE RIVER/ NEW JERSEY SIDE					225
INTRACOASTAL WATERWAY, CALOOSAHATCHEE RIVER TO ANCLOTE RIVER, FLA./ ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, CHARLESTON		12,079			
GULF INTRACOASTAL WATERWAY/ APALACHEE BAY, FLA., TO MOBILE BAY, ALA./ GULF INTRACOASTAL WATERWAY/ APALACHEE BAY, FLA., TO MOBILE BAY, ALA. GULF INTRACOASTAL WATERWAY/ PLAQUEMINE TO MORGAN CITY ROUTE, LA. SABINE-NECHES WATERWAY, TEXAS MISSISSIPPI RIVER/ BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA. MISSISSIPPI RIVER/ MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER ARKANSAS RIVER, ARK.			3,579 1,353 79,805 1,235		1,128 19,036 1,068
TOTAL, SHIPPING AREA		85,972			21,232
GULF OF MEXICO/ PEARL RIVER, MISS. AND LA. GULF INTRACOASTAL WATERWAY/ MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX. CALCASIEU RIVER AND PASS, LA. SABINE-NECHES WATERWAY, TEXAS GULF INTRACOASTAL WATERWAY/ GALVESTON TO CORPUS CHRISTI, TEXAS MISSISSIPPI RIVER/ NEW ORLEANS, LA., TO MOUTH OF PASSES				200	16,824 3 45,616 1,128 2,102 10 516
TOTAL, SHIPPING AREA				200	66,199
HARRIOR RIVER SYSTEM/ HARRIOR RIVER SYSTEM GULF INTRACOASTAL WATERWAY/ MOBILE BAY, ALA., TO NEW ORLEANS, LA. INNERHARBOR NAVIGATION CANAL, LA. GULF INTRACOASTAL WATERWAY/ MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX. SABINE-NECHES WATERWAY, TEXAS GALVESTON BAY, TEXAS		5,750 5,279 4,374 2,800	198,095 705 600	13,921	93,756 4,354 13,921

DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

TABLE 5--DOMESTIC INLAND MOVEMENTS OF IRON AND STEEL--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	PIG IRON (CODE 3311)	IRON AND STEEL SCRAP (CODE 4011)	IRON AND STEEL SEMIFINISHED PRODUCTS (CODE 3314)	IRON AND STEEL FINISHED PRODUCTS (CODES 3315, 3316, 3319)	IRON AND STEEL PIPE AND TUBE (CODE 3317)
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		17,144		1,400	
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.				1,430	1,432
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER				4,086	
ARKANSAS RIVER, ARK.		1,400	9,155		1,400
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON			2,870	6,592	
LAKE MICHIGAN			1,450		
PORT OF CHICAGO, ILL.			4,316	55,005	
TOTAL, SHIPPING AREA		36,747	293,077	82,514	114,863
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA./ WARRIOR RIVER SYSTEM	5,818		7,375	424	
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.				1,400	
GULF INTRACOASTAL WATERWAY' PLAJEMINE TO MORGAN CITY ROUTE, LA.			1,359		
SABINE-NECHES WATERWAY, TEXAS		11,969			
GALVESTON BAY, TEXAS	4,245	5,927	1,400		
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		43,941	1,000		
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.			1,400	2,800	
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	3,749			2,800	
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	1,629		1,545		
ARKANSAS RIVER, ARK.	1,515	7,915	6,446	20,213	1,400
WOLF RIVER, TENN.			1,400		
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE		736		12,962	
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON		1,596	1,349		
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH	10,584		1,086	1,496	
TENNESSEE RIVER, TENN., ALA. AND KY.	1,600				
MONONGAHELA RIVER, PA. AND W.VA.	1,503	1,402			
ILLINOIS RIVER, ILL.	4,558	1,537			
LAKE MICHIGAN		1,184	8,300		
PORT OF CHICAGO, ILL.	19,128		1,086	3,099	
TOTAL, SHIPPING AREA	54,369	77,566	32,387	45,194	1,400
INNERHARBOR NAVIGATION CANAL, LA./ SABINE-NECHES WATERWAY, TEXAS		11,801			
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		13,993			
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER					56
YAZOO RIVER AND MOUTH, MISS.				1,365	
ARKANSAS RIVER, ARK.		2,622			
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE		1,409		562	
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON		4,492			
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH		2,840	1,487	584	
CUMBERLAND RIVER, TENN. AND KY.				828	
MONONGAHELA RIVER, PA. AND W.VA.		1,503			
ALLEGHENY RIVER, PA.		2,937			
ILLINOIS RIVER, ILL.			1,456	4,863	
LAKE MICHIGAN		15,998			
PORT OF CHICAGO, ILL.				142	1,302
TOTAL, SHIPPING AREA		57,595	2,943	8,444	1,358
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX./ GULF OF MEXICO					442,529
INNERHARBOR NAVIGATION CANAL, LA.		3,246			2,300
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.		30			18,636
ATCHAFALAYA RIVER, LA.					75
INLAND WATERWAY, FRANKLIN TO WERMONTAU RIVER, LA.					200
BAYOU VERMILION, LA.					20
SABINE-NECHES WATERWAY, TEXAS		19,792		700	
GALVESTON BAY, TEXAS		1,008		2,192	
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES					663
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		61,259			
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER		2,866			
ARKANSAS RIVER, ARK.		1,450			2,869
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON		1,450			
TOTAL, SHIPPING AREA		91,101		2,892	467,292
GULF INTRACOASTAL WATERWAY' PLAQUEMINE TO MORGAN CITY ROUTE, LA./ SABINE-NECHES WATERWAY, TEXAS		2,854			
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		59,722			
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.					7,250
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER		9,934		1,450	
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE		1,000			
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH					5,052
KANAWHA RIVER, W.VA.		2,203			3,463
MONONGAHELA RIVER, PA. AND W.VA.		1,856			
ALLEGHENY RIVER, PA.		5,646			3,233
ILLINOIS RIVER, ILL.		2,857			
LAKE MICHIGAN					
TOTAL, SHIPPING AREA		86,512		1,450	18,998

Waterborne Commerce of the United States, 1987

TABLE 5--DOMESTIC INLAND MOVEMENTS OF IRON AND STEEL--CONTINUED:
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	PIG IRON (CODE 3311)	IRON AND STEEL SCRAP (CODE 4011)	IRON AND STEEL SEMIFINISHED PRODUCTS (CODE 3314)	IRON AND STEEL FINISHED PRODUCTS (CODES 3315, 3316, 3319)	IRON AND STEEL PIPE AND TUBE (CODE 3317)
ATCHAFALAYA RIVER, LA./					
GULF OF MEXICO					40
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.					68
ATCHAFALAYA RIVER, LA.		9			
TOTAL, SHIPPING AREA		9			108
INLAND WATERWAY, FRANKLIN TO NERMENTAU RIVER, LA./					
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.					1
BAYOU VERMILION, LA./					
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.					328
GULF INTRACOASTAL WATERWAY' PLAQUEMINE TO MORGAN CITY ROUTE, LA.		1,400			
SABINE-NECHES WATERWAY, TEXAS		1,500			
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER					500
TOTAL, SHIPPING AREA		2,900			828
CALCASIEU RIVER AND PASS, LA./					
GULF OF MEXICO					1,581
SABINE-NECHES WATERWAY, TEXAS/					
GULF OF MEXICO					3,833
SABINE-NECHES WATERWAY, TEXAS		3,728			
GALVESTON BAY, TEXAS		1,374		2,650	
GULF INTRACOASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER- MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		1,250			
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.		3,841			
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER			1,377	8,080	
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER		4,412			
ARKANSAS RIVER, ARK.				2,538	
OHIO RIVER, TENN.				2,695	47,090
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE				6,459	53,054
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH					16,393
TENNESSEE RIVER, TENN., ALA. AND KY.				7,445	
CUMBERLAND RIVER, TENN. AND KY.				1,348	18,893
PORT OF CHICAGO, ILL.				1,288	30,552
TOTAL, SHIPPING AREA		14,605	20,612	179,250	3,833
GALVESTON BAY, TEXAS/					
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.				1,601	
SABINE-NECHES WATERWAY, TEXAS		37,159			
GALVESTON BAY, TEXAS		9,200			875
GULF INTRACOASTAL WATERWAY' GALVESTON TO CORPUS CHRISTI, TEXAS					92
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES		14,453	1,399		1,480
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		37,573		1,300	1,480
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER		3,039			11,084
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER		5,575			
ARKANSAS RIVER, ARK.		6,830			
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON		1,400			628
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH		3,272	1,114		6,386
CUMBERLAND RIVER, TENN. AND KY.					1,321
WONONGHELA RIVER, PA. AND N.V.A.		1,409			
ALLEGHENY RIVER, PA.		9,217			
MISSOURI RIVER				1,410	
LAKE MICHIGAN		8,000			
PORT OF CHICAGO, ILL.		68,265			
TOTAL, SHIPPING AREA		205,392	2,513	12,646	14,931
GULF INTRACOASTAL WATERWAY' GALVESTON TO CORPUS CHRISTI, TEXAS/					
GULF OF MEXICO					20
SABINE-NECHES WATERWAY, TEXAS		23,918			
GULF INTRACOASTAL WATERWAY' GALVESTON TO CORPUS CHRISTI, TEXAS				1	2,956
GULF INTRACOASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER- MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		1,106			
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER		2,800			
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER		1,441			
TOTAL, SHIPPING AREA		29,265		1	2,976
GULF INTRACOASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER/					
SABINE-NECHES WATERWAY, TEXAS		19,924			
GULF INTRACOASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER- MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		1,450			497
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.				1,405	
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER				1,396	
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE				996	
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH				1,279	
TENNESSEE RIVER, TENN., ALA. AND KY.				4,209	
PORT OF CHICAGO, ILL.			1,266	6,255	
TOTAL, SHIPPING AREA		21,374	1,266	15,540	497

DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

TABLE 5--DOMESTIC INLAND MOVEMENTS OF IRON AND STEEL--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1967

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	PIG IRON (CODE 3311)	IRON AND STEEL SCRAP (CODE 4011)	IRON AND STEEL SEMIFINISHED PRODUCTS (CODE 3314)	IRON AND STEEL FINISHED PRODUCTS (CODES 3315, 3316, 3319)	IRON AND STEEL PIPE AND TUBE (CODE 3317)
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES/ GULF INTRACOASTAL WATERWAY' APALACHEE BAY, FLA., TO MOBILE BAY, ALA.,				25,573	
GULF OF MEXICO					9
HARRIOR RIVER SYSTEM	1,408		31,294	18,678	
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.,			1,450	1,400	
INNERHARBOR NAVIGATION CANAL, LA.,					420
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.,			1,237	12,007	15,393
SABINE-NECHES WATERWAY, TEXAS		1,410			
GALVESTON BAY, TEXAS			10,106	34,569	88,138
GULF INTRACOASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER-				1,573	
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES			3,493	15,079	933
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,				1,542	1,179
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,		776	1,300	20,659	
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER			69,753	39,435	27,025
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER			6,638	36,029	6,987
YAZOO RIVER AND MOUTH, MISS.			2,528	24,698	383
ARKANSAS RIVER, ARK.	1,600	850	20,730	69,091	15,472
WOLF RIVER, TENN.			37,685	45,430	
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE		200	59,446	148,498	12,165
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON			1,381	2,668	
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH			38,349	70,900	1,139
TENNESSEE RIVER, TENN., ALA. AND KY.			1,375	5,424	
CUMBERLAND RIVER, TENN. AND KY.			29,536	68,918	
MONONGAMELA RIVER, PA. AND N.VA.				3,871	
ALLEGHENY RIVER, PA.				1,600	
MISSOURI RIVER			1,914	9,229	
ILLINOIS RIVER, ILL.			16,745	13,561	2,474
LAKE MICHIGAN			51,637	7,538	
PORT OF CHICAGO, ILL.			62,492	226,105	18,509
TOTAL, SHIPPING AREA	3,008	3,236	449,089	905,075	190,026
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA. / HARRIOR RIVER SYSTEM	5,684				
INNERHARBOR NAVIGATION CANAL, LA.,		1,400			
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.,				833	
QUCHITA AND BLACK RIVERS, ARK. AND LA.,					3,060
CALCASIEU RIVER AND PASS, LA.,			902		
SABINE-NECHES WATERWAY, TEXAS	5,600	23,599			
GALVESTON BAY, TEXAS	11,425		1,026	1,400	
GULF INTRACOASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER-	4,700				
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES			337		
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,	1,358				
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER		3,725	22,025	1,459	
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	10,584	1,473	1,285		
ARKANSAS RIVER, ARK.	3,948	1,120	7,446	39,067	
WOLF RIVER, TENN.				697	
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE			2,320	1,162	
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON		4,200	67,704	102,676	
TENNESSEE RIVER, TENN., ALA. AND KY.	21,077		21,492	57,557	
CUMBERLAND RIVER, TENN. AND KY.			3,685	1,371	
ILLINOIS RIVER, ILL.			4,888		1,388
LAKE MICHIGAN		6,042	14,092		
PORT OF CHICAGO, ILL.	2,621	2,954	5,549	79,670	
TOTAL, SHIPPING AREA	67,197	44,513	152,751	285,892	4,448
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA. /					
SABINE-NECHES WATERWAY, TEXAS		17,141			
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,					
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER		39,064			
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER		14,037			
ARKANSAS RIVER, ARK.		5,560		1,600	
WOLF RIVER, TENN.				2,848	
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON		1,646		2,848	
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH		6,334			
MONONGAMELA RIVER, PA. AND N.VA.		2,843			
ALLEGHENY RIVER, PA.		1,100			
MISSOURI RIVER		1,402			
ILLINOIS RIVER, ILL.		4,303			
LAKE MICHIGAN		1,600			
TOTAL, SHIPPING AREA		95,030		4,448	
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER / HARRIOR RIVER SYSTEM				3,126	6,248
INNERHARBOR NAVIGATION CANAL, LA.,		6,595			
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.,			1,323	15,770	
SABINE-NECHES WATERWAY, TEXAS		60,694			
GALVESTON BAY, TEXAS			11,222	89,441	
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES		702		2,976	
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,		88,087			
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER				1,852	
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER				2,164	

Waterborne Commerce of the United States, 1987

TABLE 5--DOMESTIC INLAND MOVEMENTS OF IRON AND STEEL--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	PIG IRON (CODE 3311)	IRON AND STEEL SCRAP (CODE 4011)	IRON AND STEEL SEMIFINISHED PRODUCTS (CODE 3314)	IRON AND STEEL FINISHED PRODUCTS (CODES 3315, 3316, 3319)	IRON AND STEEL PIPE AND TUBE (CODE 3317)
ARKANSAS RIVER, ARK.			3,014	6,095	
WOLF RIVER, TENN.				8,610	
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON		3,145			
TENNESSEE RIVER, TENN., ALA. AND KY.				9,292	
MONONGAHELA RIVER, PA. AND W.VA.		1,600			
MISSOURI RIVER				968	
ILLINOIS RIVER, ILL.		3,235			
PORT OF CHICAGO, ILL.			464	1,246	
TOTAL, SHIPPING AREA		164,058	16,023	141,540	6,248
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER/ NARRIOR RIVER SYSTEM					6,534
GULF INTRACOASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER			1,503		
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		20,034			
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER			1,286	4,575	
TENNESSEE RIVER, TENN., ALA. AND KY.		1,400	12,280		
PORT OF CHICAGO, ILL.		1,400			
TOTAL, SHIPPING AREA		22,874	15,069	4,575	6,534
YAZOO RIVER AND MOUTH, MISS./ MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER				1,087	
ILLINOIS RIVER, ILL.				685	
TOTAL, SHIPPING AREA				1,772	
ARKANSAS RIVER, ARK./ NARRIOR RIVER SYSTEM				1,410	1,300
SABINE-NECHES WATERWAY, TEXAS		16,766			
GALVESTON BAY, TEXAS					1,330
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES		1,573			
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		53,476			
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER		1,405		1,400	
ARKANSAS RIVER, ARK.		2,680			
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE		4,025	1,562		
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH	612	1,531	2,817	30,773	
TENNESSEE RIVER, TENN., ALA. AND KY.		2,792			
MONONGAHELA RIVER, PA. AND W.VA.		8,552			
ALLEGHENY RIVER, PA.		1,303			
MISSOURI RIVER		1,428			
LAKE MICHIGAN		1,353			
PORT OF CHICAGO, ILL.			1,400		
TOTAL, SHIPPING AREA	612	96,874	5,779	33,583	2,630
WOLF RIVER, TENN./ NARRIOR RIVER SYSTEM				400	
SABINE-NECHES WATERWAY, TEXAS		2,794			
GALVESTON BAY, TEXAS				980	
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES				1,285	
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		22,593			
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER		1,397			
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE				890	
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON		1,441			
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH		981			
PORT OF CHICAGO, ILL.		1,419			
TOTAL, SHIPPING AREA		30,625		3,535	
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE/ SABINE-NECHES WATERWAY, TEXAS		125,390			
GALVESTON BAY, TEXAS		1,412			34,090
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES				2,505	
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		199,101		12,279	
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.		1,400		2,400	
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER		79,409		1,653	
ARKANSAS RIVER, ARK.		5,489			36,173
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE			723		
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON		79,907			3,259
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH		21,942			
MONONGAHELA RIVER, PA. AND W.VA.		2,767			
ALLEGHENY RIVER, PA.		25,679			
MISSOURI RIVER		8,283			
ILLINOIS RIVER, ILL.		7,447			
LAKE MICHIGAN		8,897		1,443	
PORT OF CHICAGO, ILL.		1,611			
TOTAL, SHIPPING AREA		568,734	723	20,280	73,522
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON/ GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.					500
SABINE-NECHES WATERWAY, TEXAS		14,164			
GALVESTON BAY, TEXAS			4,392	37,526	9,949
GULF INTRACOASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER				23,920	

DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

TABLE 5--DOMESTIC INLAND MOVEMENTS OF IRON AND STEEL--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	PIG IRON (CODE 3311)	IRON AND STEEL SCRAP (CODE 4011)	IRON AND STEEL SEMIFINISHED PRODUCTS (CODE 3314)	IRON AND STEEL FINISHED PRODUCTS (CODES 3315, 3316, 3319)	IRON AND STEEL PIPE AND TUBE (CODE 3317)
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		19,700			
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.				1,449	575
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER			9,224	8,799	2,905
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	1,400				
ARKANSAS RIVER, ARK.			7,223	62,855	1,410
OHIO RIVER, TENN.			2,868	43,175	
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE				1,455	
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON			2,855	2,338	
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH	20,769				
CUMBERLAND RIVER, TENN. AND KY.			4,477	46,041	
MISSOURI RIVER			5,175	1,342	
LAKE MICHIGAN		1,597			
PORT OF CHICAGO, ILL.	3,000			1,050	
TOTAL, SHIPPING AREA	3,000	57,630	36,214	229,950	15,339
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH/ WARRIOR RIVER SYSTEM				5,895	2,600
GULF INTRACASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.			2,628		
GALVESTON BAY, TEXAS	1,678	1,425	15,526	45,839	27,144
GULF INTRACASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER				12,356	
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES				11,648	2,347
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	4,452	49,321			
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.			5,037	6,914	
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER		1,379	5,087	38,485	
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER			1,655	6,427	
YAZOO RIVER AND MOUTH, MISS.				953	
ARKANSAS RIVER, ARK.		1,286	1,672	24,173	994
OHIO RIVER, TENN.			21,980	9,308	
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE	16,473		15,760	15,661	918
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON	5,882	28,343		2,466	
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH			9,675	3,106	650
TENNESSEE RIVER, TENN., ALA. AND KY.			141,150	46,630	
CUMBERLAND RIVER, TENN. AND KY.		1,568	5,612	64,332	
ALLEGHENY RIVER, PA.		1,500	4,682		
MISSOURI RIVER				6,489	
ILLINOIS RIVER, ILL.		3,014			
BLACK RIVER, MIS.	4,620				
PORT OF CHICAGO, ILL.	5,755		16,516	30,367	
TOTAL, SHIPPING AREA	38,860	87,836	246,990	333,053	34,653
TENNESSEE RIVER, TENN., ALA. AND KY. / WARRIOR RIVER SYSTEM		1,407			
GULF INTRACASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.		1,284			
INNERHARBOR NAVIGATION CANAL, LA.		1,120			
SABINE-NECHES WATERWAY, TEXAS		26,376		1,406	
GALVESTON BAY, TEXAS		1,426	2,809		
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES		4,350	798		
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		20,223			
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER		18,079			10,264
ARKANSAS RIVER, ARK.		9,633			
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON		5,647			
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH		13,842		198	760
TENNESSEE RIVER, TENN., ALA. AND KY.		370			450
MISSOURI RIVER		2,756			
BLACK RIVER, MIS.					1,010
MINNESOTA RIVER, MINN.					13,735
LAKE MICHIGAN		17,110			
PORT OF CHICAGO, ILL.			22,587	1,233	3,938
TOTAL, SHIPPING AREA		123,623	26,194	2,837	30,157
CUMBERLAND RIVER, TENN. AND KY. / SABINE-NECHES WATERWAY, TEXAS		3,898			
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		63,768			
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER		50,490		2,877	
ARKANSAS RIVER, ARK.		1,491		1,002	
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON		1,417			
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH		28,216			
MONONGAMELA RIVER, PA. AND W.VA.		2,673			
MISSOURI RIVER		7,146			
ILLINOIS RIVER, ILL.		1,471			
LAKE MICHIGAN		4,480			
TOTAL, SHIPPING AREA		163,250		3,879	
KANAWHA RIVER, W.VA. / SABINE-NECHES WATERWAY, TEXAS		1,600			
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		1,415			
ARKANSAS RIVER, ARK.		1,405			
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON		1,416			
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH		10,409			
TENNESSEE RIVER, TENN., ALA. AND KY.		2,940			

Waterborne Commerce of the United States, 1987

TABLE 5--DOMESTIC INLAND MOVEMENTS OF IRON AND STEEL--CONTINUED.
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	PIG IRON (CODE 3311)	IRON AND STEEL SCRAP (CODE 4011)	IRON AND STEEL SEMIFINISHED PRODUCTS (CODE 3314)	IRON AND STEEL FINISHED PRODUCTS (CODES 3315, 3316, 3319)	IRON AND STEEL PIPE AND TUBE (CODE 3317)
MONONGAHELA RIVER, PA. AND W.VA.		1,450			
PORT OF CHICAGO, ILL.		3,779			
TOTAL, SHIPPING AREA		24,414			
MONONGAHELA RIVER, PA. AND W.VA./					
SABINE-NECHES WATERWAY, TEXAS		1,600			
GALVESTON BAY, TEXAS			9,003	27,247	7,623
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		26,045			
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.			2,589		
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER			1,409		
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER				959	
ARKANSAS RIVER, ARK.			15,533	6,882	
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE		813	47,027	17,419	
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON				2,814	
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH				1,000	
TENNESSEE RIVER, TENN., ALA. AND KY.		2,863			
CUMBERLAND RIVER, TENN. AND KY.				2,659	
ALLEGHENY RIVER, PA.		4,250			
ILLINOIS RIVER, ILL.		4,231			
PORT OF CHICAGO, ILL.				2,900	
TOTAL, SHIPPING AREA		39,802	75,561	61,920	7,623
ALLEGHENY RIVER, PA./					
GALVESTON BAY, TEXAS					1,216
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		1,572			
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON		5,602			
ALLEGHENY RIVER, PA.		43,636			
TOTAL, SHIPPING AREA		50,810			1,216
ILLINOIS RIVER, ILL./					
GULF INTRACOASTAL WATERWAY' APALACHEE BAY, FLA., TO MOBILE BAY, ALA.				936	1,048
WARRIOR RIVER SYSTEM				1,642	
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.			1,400	7,040	
SABINE-NECHES WATERWAY, TEXAS		4,368			
GALVESTON BAY, TEXAS			4,026	3,857	
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES				2,378	
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		13,131	903		
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.			888	2,704	
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER				1,400	
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER		1,400			
ARKANSAS RIVER, ARK.			1,966	9,320	
WOLF RIVER, TENN.			1,858	5,857	
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE			1,980	12,599	
TENNESSEE RIVER, TENN., ALA. AND KY.		1,416			
CUMBERLAND RIVER, TENN. AND KY.				3,900	
LAKE MICHIGAN		6,089			
PORT OF CHICAGO, ILL.		7,045			
TOTAL, SHIPPING AREA		33,449	15,599	50,103	
LAKE MICHIGAN/					
GULF INTRACOASTAL WATERWAY' APALACHEE BAY, FLA., TO MOBILE BAY, ALA.				14,946	5,320
WARRIOR RIVER SYSTEM				10,448	2,458
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.					3,486
INNERHARBOR NAVIGATION CANAL, LA.					4,171
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.			1,332	28,786	
SABINE-NECHES WATERWAY, TEXAS		47,923	3,784	13,153	
GALVESTON BAY, TEXAS		4,260	6,815	13,607	
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		49,453			2,800
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.			2,469	8,143	
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER			6,148	1,239	
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER			1,265	1,400	
YAZOO RIVER AND MOUTH, MISS.			2,476	3,086	
ARKANSAS RIVER, ARK.		1,360	7,694	6,635	
WOLF RIVER, TENN.		2,530	3,846	17,799	
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE				685	
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON		14,460	954	1,236	
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH				6,731	
TENNESSEE RIVER, TENN., ALA. AND KY.			12,366	10,892	
CUMBERLAND RIVER, TENN. AND KY.			15,375	24,423	
ILLINOIS RIVER, ILL.		19,155		13,454	
PORT OF CHICAGO, ILL.			2,583	1,400	
TOTAL, SHIPPING AREA		139,141	92,501	171,064	
PORT OF CHICAGO, ILL./					
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.				1,600	
INNERHARBOR NAVIGATION CANAL, LA.		1,492		930	
SABINE-NECHES WATERWAY, TEXAS		92,894	1,400	2,202	
GALVESTON BAY, TEXAS		1,400	2,696	8,760	

DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

TABLE 5--DOMESTIC INLAND MOVEMENTS OF IRON AND STEEL--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	PIG IRON (CODE 3311)	IRON AND STEEL SCRAP (CODE 4011)	IRON AND STEEL SEMIFINISHED PRODUCTS (CODE 3314)	IRON AND STEEL FINISHED PRODUCTS (CODES 3315, 3316, 3319)	IRON AND STEEL PIPE AND TUBE (CODE 3317)
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES				7,082	
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		169,155		2,932	
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.				1,450	1,040
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER			13,798		
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER		78,515		1,304	
YAZOO RIVER AND MOUTH, MISS.				1,162	
ARKANSAS RIVER, ARK.	1,600	2,932	2,550	5,152	
WOLF RIVER, TENN.				1,416	
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON		1,611			
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH	1,432			6,918	
TENNESSEE RIVER, TENN., ALA. AND KY.		1,400	1,600	6,984	
CUMBERLAND RIVER, TENN. AND KY.				17,201	
ILLINOIS RIVER, ILL.		18,370		14,533	
LAKE MICHIGAN		4,410			
PORT OF CHICAGO, ILL.		1,400			
TOTAL, SHIPPING AREA	3,032	373,579	22,044	79,626	1,040
LOS ANGELES AND LONG BEACH HARBORS, CALIF./ LOS ANGELES AND LONG BEACH HARBORS, CALIF.		10			1,417
SAN JOAQUIN RIVER, CALIF./ SAN FRANCISCO BAY AREA					5,000
OLD RIVER, CALIF./ SAN FRANCISCO BAY AREA					2,000
SACRAMENTO RIVER, CALIF./ SACRAMENTO RIVER, CALIF.					100
COLUMBIA RIVER' ABOVE CELILO FALLS TO KENNEWICK, WASH./ COLUMBIA RIVER' VANCOUVER, WASH., TO THE MOUTH		28			
PUGET SOUND AND TRIBUTARY WATERS/ PUGET SOUND AND TRIBUTARY WATERS		2,875		494	
LOWER & UPPER SOUTHEAST ALASKA/ LOWER & UPPER SOUTHEAST ALASKA		92			2

Waterborne Commerce of the United States, 1987

TABLE 6--DOMESTIC INLAND MOVEMENTS OF CHEMICALS AND RELATED PRODUCTS
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	COAL TAR (CODE 2811)	BENZENE AND TOLUENE (CODE 2817)	SULPHURIC ACID (CODE 2818)	ALCOHOLS (CODE 2813)	SODIUM HYDROXIDE (CAUSTIC SODA) (CODE 2810)	CHEMICALS AND SPECIALTIES (CODES 2816, 2819, 2821, 2876)	FERTILIZERS AND FERTILIZER MATERIALS (CODES 1471, 1479, 2871, 2872, 2873, 2879)
TOTAL, ALL SHIPPING AREAS-----	1,407,555	5,960,183	2,071,645	4,611,094	4,475,267	22,507,854	11,788,236
THAMES RIVER, CONN./ THAMES RIVER, CONN.-----			24,007				
PORT OF NEW YORK, N.Y. AND N.J./ UPPER HUDSON RIVER, N.Y.-----		49,414		6,471	82,675	130,838	
TOTAL, SHIPPING AREA-----		49,414		17,137	82,675	130,838	
DELAWARE RIVER' NEW JERSEY SIDE/ DELAWARE RIVER' NEW JERSEY SIDE-----			1,000				
DELAWARE RIVER' PENNSYLVANIA AND DELAWARE SIDE-----						67,724	
SCHUYLKILL RIVER, PA.-----				3,467			
BALTIMORE HARBOR AND CHANNELS, MD.-----			40,600		29,216		
HAMPTON ROADS, VA.-----			24,900		1,319		
TOTAL, SHIPPING AREA-----			66,500	3,467	29,535	67,724	
DELAWARE RIVER' PENNSYLVANIA AND DELAWARE SIDE/ DELAWARE RIVER' NEW JERSEY SIDE-----		13,799	80,245		4,087		
DELAWARE RIVER' PENNSYLVANIA AND DELAWARE SIDE-----		23,480				159,376	
MISPELLIDON RIVER, DEL.-----							8,253
SCHUYLKILL RIVER, PA.-----		7,360					
BALTIMORE HARBOR AND CHANNELS, MD.-----		3,680	21,530				
JAMES RIVER, VA.-----			18,760				238,918
SAVANNAH RIVER, GA.-----			19,890				
TOTAL, SHIPPING AREA-----		48,319	140,425		4,087	398,294	6,253
CHRISTINA RIVER, DEL./ DELAWARE RIVER' PENNSYLVANIA AND DELAWARE SIDE-----		17,877					
SCHUYLKILL RIVER, PA./ DELAWARE RIVER' NEW JERSEY SIDE-----		1,840					
DELAWARE RIVER' PENNSYLVANIA AND DELAWARE SIDE-----		20,841				231,697	
CHRISTINA RIVER, DEL.-----		1,724					
TOTAL, SHIPPING AREA-----		24,405				231,697	
CHOPTANK RIVER, MD./ NANTICOKE RIVER, DEL. AND MD.-----							27,167
BALTIMORE HARBOR AND CHANNELS, MD./ DELAWARE RIVER' PENNSYLVANIA AND DELAWARE SIDE-----							7,301
NANTICOKE RIVER, DEL. AND MD.-----							1,669
BALTIMORE HARBOR AND CHANNELS, MD.-----			181,629		5,680		
TOTAL, SHIPPING AREA-----			181,629		5,680		9,050
JAMES RIVER, VA./ NANTICOKE RIVER, DEL. AND MD.-----						29,441	11,229
CHOPTANK RIVER, MD.-----						3,153	
BALTIMORE HARBOR AND CHANNELS, MD.-----							4,909
HAMPTON ROADS, VA.-----							326,918
NEUSE RIVER, N.C.-----							4,062
TOTAL, SHIPPING AREA-----						32,594	347,118
HAMPTON ROADS, VA./ DELAWARE RIVER' PENNSYLVANIA AND DELAWARE SIDE-----							6,762
CHESAPEAKE BAY-----							3,406
NANTICOKE RIVER, DEL. AND MD.-----							2,647
BALTIMORE HARBOR AND CHANNELS, MD.-----							6,177
YORK RIVER, VA.-----							3,320
JAMES RIVER, VA.-----							2,862
ROANOKE RIVER, N.C.-----							1,362
TOTAL, SHIPPING AREA-----							26,536
ATLANTIC INTRACASTAL WATERWAY' ENGINEER DISTRICT, WILMINGTON/ NEUSE RIVER, N.C.-----							1,317
PAMLICO AND TAR RIVERS, N.C./ NANTICOKE RIVER, DEL. AND MD.-----							4,430
BALTIMORE HARBOR AND CHANNELS, MD.-----							21,654
ATLANTIC INTRACASTAL WATERWAY' ENGINEER DISTRICT, WILMINGTON-----						319,500	1,508,000
TOTAL, SHIPPING AREA-----						319,500	1,534,084
CAPE FEAR RIVER, N.C./ BALTIMORE HARBOR AND CHANNELS, MD.-----							1,557
NEUSE RIVER, N.C.-----							12,197
CAPE FEAR RIVER, N.C.-----							87,065
NORTHEAST (CAPE FEAR) RIVER, N.C.-----				169,312		725,580	

DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

TABLE 6--DOMESTIC INLAND MOVEMENTS OF CHEMICALS AND RELATED PRODUCTS--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	COAL TAR (CODE 2811)	BENZENE AND TOLUENE (CODE 2817)	SULPHURIC ACID (CODE 2818)	ALCOHOLS (CODE 2813)	SODIUM HYDROXIDE (CAUSTIC SODA) (CODE 2810)	CHEMICALS AND CHEMICAL SPECIALTIES (CODES 2816, 2819, 2821, 2876)	FERTILIZERS AND FERTILIZER MATERIALS (CODES 1471, 1479, 2871, 2872, 2873, 2879)
ATLANTIC INTRACOASTAL WATERWAY' ENGINEER DISTRICT, CHARLESTON							1,329
SAVANNAH RIVER, GA.					8,052		
TOTAL, SHIPPING AREA				169,312	8,052	725,580	82,108
SAVANNAH RIVER, GA./ DELAWARE RIVER' PENNSYLVANIA AND DELAWARE SIDE						20,400	
SAVANNAH RIVER, GA.				588			3,774
ST. JOHNS RIVER, FLA.							
TOTAL, SHIPPING AREA				588		20,400	3,774
ATLANTIC INTRACOASTAL WATERWAY' ENGINEER DISTRICT, SAVANNAH / ATLANTIC INTRACOASTAL WATERWAY' ENGINEER DISTRICT, CHARLESTON					700		
ST. JOHNS RIVER, FLA.					3,500		
TOTAL, SHIPPING AREA					4,200		
ST. JOHNS RIVER, FLA./ CAPE FEAR RIVER, N.C.				2,400			
ATLANTIC INTRACOASTAL WATERWAY' ENGINEER DISTRICT, SAVANNAH					61,904		
TOTAL, SHIPPING AREA				2,400	61,904		
GULF INTRACOASTAL WATERWAY' APALACHEE BAY, FLA., TO MOBILE BAY, ALA./ WARRIOR RIVER SYSTEM							5,461
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.						3,151	2,547
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER							4,981
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER							4,937
WOLF RIVER, TENN.							6,585
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE							1,430
TENNESSEE RIVER, TENN., ALA. AND KY.							34,849
TOTAL, SHIPPING AREA						3,151	60,794
APALACHICOLA, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA./ MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.							2,898
GULF OF MEXICO/ GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.			615	1		13,040	
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.			117			99	
ATCHAFALAYA RIVER, LA.			72			39,136	
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES			69			144	
TOTAL, SHIPPING AREA			873	1		52,419	
WARRIOR RIVER SYSTEM/ GULF INTRACOASTAL WATERWAY' APALACHEE BAY, FLA., TO MOBILE BAY, ALA.					10,800		
APALACHICOLA, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA.							4,896
WARRIOR RIVER SYSTEM					64,925	5,111	1,475
ALABAMA-COOSA RIVERS, ALA. AND GA.							1,425
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.							54,231
LAKE MAUREPAS, LA.							1,426
CALCASIEU RIVER AND PASS, LA.					6,500		
GALVESTON BAY, TEXAS					4,783	24,925	
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES							15,088
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.					2,400	63,359	
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.							9,751
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER					2,402	2,090	
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER							2,078
YAZOO RIVER AND MOUTH, MISS.							2,802
ARKANSAS RIVER, ARK.						2,078	
WOLF RIVER, TENN.					1,200	1,381	1,184
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE						1,436	
TENNESSEE RIVER, TENN., ALA. AND KY.					34,900	36,103	2,782
KANAWHA RIVER, W.VA.					4,800		
MONONGAHELA RIVER, PA. AND W.VA.							2,079
PORT OF CHICAGO, ILL.					3,960	11,631	
TOTAL, SHIPPING AREA					136,770	175,031	78,700

TABLE 6--DOMESTIC INLAND MOVEMENTS OF CHEMICALS AND RELATED PRODUCTS--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	COAL TAR (CODE: 2611)	BENZENE AND TOLUENE (CODE: 2617)	SULPHURIC ACID (CODE: 2618)	ALCOHOLS (CODE: 2613)	SODIUM HYDROXIDE (CAUSTIC SODA) (CODE 2610)	CHEMICALS AND SPECIALTIES (CODES 2616, 2619, 2621, 2676)	FERTILIZERS AND FERTILIZER MATERIALS (CODES 1471, 1479, 2671, 2672, 2673, 2679)
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA./						13,573	
APALACHICOLA, CHATTAHOOCHEE AND FLINT RIVERS, GA, AND FLA.							22,298
WARRIOR RIVER SYSTEM							7,186
ALABAMA-COOSA RIVERS, ALA. AND GA.							
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.						11,655	7,099
MERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.							1,616
SABINE-NECHES WATERWAY, TEXAS		9,011				5,613	
GALVESTON BAY, TEXAS		6,000				64,082	10,757
GULF INTRACOASTAL WATERWAY' GALVESTON TO CORPUS CHRISTI, TEXAS							
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES						40,707	
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.			114,235			18,222	
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.							57,785
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER							36,980
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER						21,559	23,777
YAZOO RIVER AND MOUTH, MISS.						11,127	145,233
ARKANSAS RIVER, ARK.							12,098
WOLF RIVER, TENN.						1,418	53,552
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE						30,000	12,103
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH						6,559	75,510
TENNESSEE RIVER, TENN., ALA. AND KY.							4,586
CUMBERLAND RIVER, TENN. AND KY.						50,356	64,880
ALLEGHENY RIVER, PA.						490	6,055
MISSOURI RIVER							
ILLINDIS RIVER, ILL.						12,318	39,794
MINNESOTA RIVER, MINN.							50,474
PORT OF CHICAGO, ILL.						612	4,510
TOTAL, SHIPPING AREA		15,011	114,235			346,276	588,724
INNERHARBOR NAVIGATION CANAL, LA./							
WARRIOR RIVER SYSTEM						525	
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.						2,275	
CALCASIEU RIVER AND PASS, LA.						350	
TOTAL, SHIPPING AREA						3,150	
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX./							
GULF OF MEXICO				1		408,293	
WARRIOR RIVER SYSTEM						350	
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.							150
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.			20	20		5,527	
GULF INTRACOASTAL WATERWAY' PLAQUEMINE TO MORGAN CITY ROUTE, LA.						718	
ATCHAFALAYA RIVER, LA.						595	
INLAND WATERWAY, FRANKLIN TO MERMENTAU RIVER, LA.						1	
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES							118
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON							1,477
TOTAL, SHIPPING AREA			20	25		457,229	
GULF INTRACOASTAL WATERWAY' PLAQUEMINE TO MORGAN CITY ROUTE, LA./							
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.						75	
GALVESTON BAY, TEXAS						2,948	
GULF INTRACOASTAL WATERWAY' GALVESTON TO CORPUS CHRISTI, TEXAS							118,562
TOTAL, SHIPPING AREA						121,605	
ATCHAFALAYA RIVER, LA./							
APALACHICOLA, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA.						1,501	
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.							126
GALVESTON BAY, TEXAS		12,798					
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.							2,000
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.							1,203
TOTAL, SHIPPING AREA		12,798				4,830	

DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

TABLE 6--DOMESTIC INLAND MOVEMENTS OF CHEMICALS AND RELATED PRODUCTS--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	COAL TAR (CODE 2811)	BENZENE AND TOLUENE (CODE 2817)	SULPHURIC ACID (CODE 2818)	ALCOHOLS (CODE 2813)	SODIUM HYDROXIDE (CAUSTIC SODA) (CODE 2810)	CHEMICALS AND CHEMICAL SPECIALTIES (CODES 2816, 2819, 2821, 2876)	FERTILIZERS AND FERTILIZER MATERIALS (CODES 1471, 1479, 2871, 2872, 2873, 2874)
OUCHITA AND BLACK RIVERS, ARK. AND LA./							
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA.,						1,400	
TO SABINE RIVER, TEX.						5,294	
SABINE-NECHES WATERWAY, TEXAS							
GULF INTRACOASTAL WATERWAY' SABINE RIVER TO						1,400	
GALVESTON, TEXAS						7,112	
GALVESTON BAY, TEXAS							
GULF INTRACOASTAL WATERWAY' GALVESTON TO CORPUS							
CHRISTI, TEXAS						10,600	
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT							
INCLUDING NEW ORLEANS, LA.						114,025	
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF							
MISSOURI RIVER						31,715	
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE						5,000	
ILLINOIS RIVER, ILL.						22,500	
TOTAL, SHIPPING AREA						199,046	
INLAND WATERWAY, FRANKLIN TO HERMENTAU RIVER, LA./							
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA.,							
TO SABINE RIVER, TEX.						200	
HERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES,							
LA./							
GULF INTRACOASTAL WATERWAY' APALACHEE BAY, FLA., TO							
MOBILE BAY, ALA.				8,748			
WARRIOR RIVER SYSTEM				1,014			
WOLF RIVER, TENN.				2,754			
TOTAL, SHIPPING AREA				12,516			
CALCASIEU RIVER AND PASS, LA./							
GULF INTRACOASTAL WATERWAY' APALACHEE BAY, FLA., TO							
MOBILE BAY, ALA.					12,063		
APALACHICOLA, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND							
FLA.					4,867		
GULF OF MEXICO						4	
WARRIOR RIVER SYSTEM					18,138	8,398	
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA.,							
TO SABINE RIVER, TEX.						700	
OUCHITA AND BLACK RIVERS, ARK. AND LA.					2,381		
CALCASIEU RIVER AND PASS, LA.				2,859	47,147	991	
SABINE-NECHES WATERWAY, TEXAS					19,467		
GALVESTON BAY, TEXAS	6,683	20,090	1,991		193,590	142,041	
GULF INTRACOASTAL WATERWAY' GALVESTON TO CORPUS							
CHRISTI, TEXAS					59,006	95,579	
GULF INTRACOASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO							
THE MEXICAN BORDER					32,437	7,137	
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF							2,888
PASSES							
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT							
INCLUDING NEW ORLEANS, LA.			2,116		75,667	16,646	4,296
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT							
INCLUDING BATON ROUGE, LA.					82,035	1,377	1,473
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH							
OF OHIO RIVER					70,620		1,429
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF							
MISSOURI RIVER					13,340		3,070
YAZOO RIVER AND MOUTH, MISS.							1,650
ARKANSAS RIVER, ARK.							1,407
WOLF RIVER, TENN.					26,733		
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE					8,374		3,110
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON						1,459	
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH				9,777			
TENNESSEE RIVER, TENN., ALA. AND KY.					3,300		
KANAWHA RIVER, W.VA.				8,498		3,160	
MISSOURI RIVER					7,086		
ILLINOIS RIVER, ILL.							4,540
LAKE MICHIGAN							1,518
PORT OF CHICAGO, ILL.					116,973	14,698	
TOTAL, SHIPPING AREA		6,683	22,206	23,125	793,224	292,190	25,381
SABINE-NECHES WATERWAY, TEXAS/							
GULF INTRACOASTAL WATERWAY' APALACHEE BAY, FLA., TO							
MOBILE BAY, ALA.				7,377			
APALACHICOLA, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND							
FLA.							
ESCAMBIA AND CONECH RIVERS, FLA. AND ALA.						3,130	
GULF OF MEXICO						74,438	
WARRIOR RIVER SYSTEM	505	496				106	
ALABAMA-COOSA RIVERS, ALA. AND GA.				1,150		1,349	
PEARL RIVER, MISS. AND LA.				2,850		8,100	
CALCASIEU RIVER AND PASS, LA.			1,400	15,835			
SABINE-NECHES WATERWAY, TEXAS	17,655	106,937	11,200	21,622	791	98,065	
GULF INTRACOASTAL WATERWAY' SABINE RIVER TO							
GALVESTON, TEXAS	3,106						1,407
GALVESTON BAY, TEXAS	69,256	281,921	2,800	304,292	2,937	151,964	

Waterborne Commerce of the United States, 1987

TABLE 6--DOMESTIC INLAND MOVEMENTS OF CHEMICALS AND RELATED PRODUCTS--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	COAL TAR (CODE 2811)	BENZENE AND TOLUENE (CODE 2817)	SULPHURIC ACID (CODE 2818)	ALCOHOLS (CODE 2813)	SODIUM HYDROXIDE (CAUSTIC SODA) (CODE 2810)	CHEMICALS AND SPECIALTIES (CODES 2816, 2819, 2821, 2876)	FERTILIZERS AND FERTILIZER MATERIALS (CODES 1471, 1479, 2871, 2872, 2873, 2879)
GULF INTRACOASTAL WATERWAY' GALVESTON TO CORPUS CHRISTI, TEXAS		56,625	5,600	13,282	8,284	300,904	
GULF INTRACOASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER	18,072	17,450		11,170			
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES	6,333	1,400		11,368			
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		356,642	60,743	5,580		12,523	
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.				12,885			
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER		6,623		1,423			
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER				15,737		1,440	
ARKANSAS RIVER, ARK.				10,965			
WOLF RIVER, TENN.		5,440					
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE				24,617			
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON				13,662		97,238	
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH		2,870		1,370			
TENNESSEE RIVER, TENN., ALA. AND KY.		5,777				1,343	
CUMBERLAND RIVER, TENN. AND KY.				4,231			
KANAWHA RIVER, W.VA.				79,148			
ALLEGHENY RIVER, PA.				25,133			
MISSOURI RIVER				1,427			
ILLINOIS RIVER, ILL.						1,298	
PORT OF CHICAGO, ILL.		4,141		23,080			
TOTAL, SHIPPING AREA	120,704	840,545	81,743	608,204	12,012	753,365	
GULF INTRACOASTAL WATERWAY' SABINE RIVER TO GALVESTON, TEXAS/							
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH				1,400			
TENNESSEE RIVER, TENN., ALA. AND KY.						3,122	
PORT OF CHICAGO, ILL.		1,431					
TOTAL, SHIPPING AREA		1,431		1,400		3,122	
GALVESTON BAY, TEXAS/ GULF INTRACOASTAL WATERWAY' APALACHEE BAY, FLA., TO MOBILE BAY, ALA.	2,785	5,056		2,851		3,512	1,494
APALACHICOLA, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA.						3,399	
WARRIOR RIVER SYSTEM					6,075	2,955	
ALABAMA-COOSA RIVERS, ALA. AND GA.				5,868			
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.		60,031	6,628				1,013
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.						3,927	
ATCHAFALAYA RIVER, LA.		5,471					
MERMENTAU RIVER, BAYOU NEZEPHQUE AND BAYOU DES CANNES, LA.							2,995
CALCASIEU RIVER AND PASS, LA.			26,270	12,925	53,150	101,018	
SABINE-NECHES WATERWAY, TEXAS		308,575	7,766	56,417	9,763	257,923	
GALVESTON BAY, TEXAS	157,209	1,222,665	200,039	751,253	79,875	1,489,383	4,395
GULF INTRACOASTAL WATERWAY' GALVESTON TO CORPUS CHRISTI, TEXAS	5,331	98,105	435,163	45,278	53,922	562,231	
GULF INTRACOASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER	44,373	106,101		434,378	23,871	61,749	
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES		5,617				93,462	
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		204,172	64,818	62,718	1,400	575,972	3,200
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.		2,914		4,281		6,464	24,068
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	1,606	4,334		5,454	5,664	3,273	13,756
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	14,689	34,696	5,099		2,808	26,671	13,997
ARKANSAS RIVER, ARK.							13,174
WHITE RIVER, ARK.							1,403
WOLF RIVER, TENN.				2,687	1,441	4,058	2,987
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE	1,309	2,856		13,670	5,549	419,033	37,817
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON						206,375	
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH				43,862	2,837	274,059	
TENNESSEE RIVER, TENN., ALA. AND KY.	16,557				4,038	337,173	15,010
CUMBERLAND RIVER, TENN. AND KY.				1,879		121,195	1,594
KANAWHA RIVER, W.VA.				155,975		246,654	
MONONGAHELA RIVER, PA. AND W.VA.						19,104	
ALLEGHENY RIVER, PA.				14,038		5,754	13,472
MISSOURI RIVER				1,399	4,079		
ILLINOIS RIVER, ILL.	58,041	4,192				327,715	31,613
MINNESOTA RIVER, MINN.							4,507
LAKE MICHIGAN						19,578	
PORT OF CHICAGO, ILL.	4,244			44,319	2,863	106,059	
TOTAL, SHIPPING AREA	304,144	2,064,785	745,783	1,658,852	257,335	5,278,694	186,503

DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

TABLE 6--DOMESTIC INLAND MOVEMENTS OF CHEMICALS AND RELATED PRODUCTS--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1967

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	COAL TAR (CODE 2811)	BENZENE AND TOLUENE (CODE 2817)	SULPHURIC ACID (CODE 2818)	ALCOHOLS (CODE 2813)	SODIUM HYDROXIDE (CAUSTIC SODA) (CODE 2810)	CHEMICALS AND CHEMICAL SPECIALTIES (CODES 2816, 2819, 2821, 2876)	FERTILIZERS AND FERTILIZER MATERIALS (CODES 1471, 1479, 2871, 2872, 2873, 2879)
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.						31,902	11,253
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.						4,625	28,986
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER						9,983	13,234
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER							61,401
YAZOO RIVER AND MOUTH, MISS.							3,119
ARKANSAS RIVER, ARK.						9,993	42,411
WHITE RIVER, ARK.							1,306
WOLF RIVER, TENN.							1,600
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE						13,173	108,493
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON							1,388
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH							23,883
TENNESSEE RIVER, TENN., ALA. AND KY.							27,954
CUMBERLAND RIVER, TENN. AND KY.							2,897
MONONGAHELA RIVER, PA. AND W.VA.						19,990	
ALLEGHENY RIVER, PA.						1,450	
MISSOURI RIVER							36,386
ILLINOIS RIVER, ILL.						19,200	7,426
MINNESOTA RIVER, MINN.							6,211
TOTAL, SHIPPING AREA						107,064	380,751
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER/ APALACHICOLA, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA.							2,876
LAKE MAUREPAS, LA.							1,604
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.							1,476
MERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.							3,197
GALVESTON BAY, TEXAS		2,971					
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES			1,502				
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		4,426	19,828				9,303
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.						2,895	27,409
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER							18,083
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER							69,194
YAZOO RIVER AND MOUTH, MISS.							1,499
ARKANSAS RIVER, ARK.		1,400					3,017
WHITE RIVER, ARK.							1,406
WOLF RIVER, TENN.							1,518
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE							116,125
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON		2,873					9,099
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH		19,019					10,538
TENNESSEE RIVER, TENN., ALA. AND KY.			18,200			2,486	24,161
CUMBERLAND RIVER, TENN. AND KY.			5,998				15,745
BIG SANDY RIVER, KY. AND W.VA.		3,987					
MISSOURI RIVER						694	5,019
ILLINOIS RIVER, ILL.							69,419
LAKE MICHIGAN							3,027
PORT OF CHICAGO, ILL.			1,313				
TOTAL, SHIPPING AREA		35,076	46,841			6,075	393,715
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER/ GULF INTRACOASTAL WATERWAY' APALACHEE BAY, FLA., TO MOBILE BAY, ALA.							1,507
HARRIOR RIVER SYSTEM				1,303			4,508
GALVESTON BAY, TEXAS		33,672	5,804	23,894		16,152	
GULF INTRACOASTAL WATERWAY' GALVESTON TO CORPUS CHRISTI, TEXAS						1,681	
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES				7,978			10,313
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		69,713	44,494	21,014		26,809	21,005
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.				3,614		3,200	30,149
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER		48,363				1,643	32,683
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER							261,895
YAZOO RIVER AND MOUTH, MISS.				33,557		41,700	10,529
ARKANSAS RIVER, ARK.				1,238			7,306
WHITE RIVER, ARK.							1,510
WOLF RIVER, TENN.							122,259
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE				43,714		23,194	19,335
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH		2,894		3,876			32,059
TENNESSEE RIVER, TENN., ALA. AND KY.						5,212	12,395
CUMBERLAND RIVER, TENN. AND KY.							28,685
BIG SANDY RIVER, KY. AND W.VA.		519					
KANAWHA RIVER, W.VA.						5,000	
MONONGAHELA RIVER, PA. AND W.VA.						5,000	

DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

TABLE 6--DOMESTIC INLAND MOVEMENTS OF CHEMICALS AND RELATED PRODUCTS--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	COAL TAR (CODE: 2811)	BENZENE AND TOLUENE (CODE: 2817)	SULPHURIC ACID (CODE: 2818)	ALCOHOLS (CODE: 2813)	SODIUM HYDROXIDE (CAUSTIC SODA) (CODE 2810)	CHEMICALS AND SPECIALTIES (CODES 2816, 2819, 2821, 2876)	FERTILIZERS AND FERTILIZER MATERIALS (CODES 1471, 1479, 2871, 2872, 2873, 2879)
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----		3,050					1,491
YAZOO RIVER AND MOUTH, MISS.-----							3,098
ARKANSAS RIVER, ARK.-----							1,522
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE-----	3,087				1,400	1,046,000	55,421
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON-----	16,751						
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH-----						6,787	26,928
CUMBERLAND RIVER, TENN. AND KY.-----							1,617
BIG SANDY RIVER, KY. AND W.VA.-----		2,932					
ILLINOIS RIVER, ILL.-----							5,120
PORT OF CHICAGO, ILL.-----						6,804	
TOTAL, SHIPPING AREA-----	19,838	28,615		2,667	1,400	1,129,331	109,478
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON/ CALCASIEU RIVER AND PASS, LA.-----	8,400						
SABINE-NECHES WATERWAY, TEXAS-----						5,410	
GALVESTON BAY, TEXAS-----						58,845	
GULF INTRACOASTAL WATERWAY' GALVESTON TO CORPUS CHRISTI, TEXAS-----							12,518
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----	23,063						19,986
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.-----							16,543
ARKANSAS RIVER, ARK.-----							1,525
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE-----	593	593		2,480		5,600	
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON-----	19,500					800	
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH-----	543	1,428	42,505			9,244	37,943
KANAWHA RIVER, W.VA.-----	1,400					22,829	
ALLEGHENY RIVER, PA.-----							5,602
ILLINOIS RIVER, ILL.-----						2,800	
PORT OF CHICAGO, ILL.-----	5,353	1,309				3,894	
TOTAL, SHIPPING AREA-----	58,852	3,330	42,505	2,480		158,469	45,070
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH/ GULF INTRACOASTAL WATERWAY' APALACHEE BAY, FLA., TO MOBILE BAY, ALA.-----							1,146
SABINE-NECHES WATERWAY, TEXAS-----		1,444					
GALVESTON BAY, TEXAS-----	7,753	23,693				17,335	
GULF INTRACOASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER-----	141,833	3,172					
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES-----		3,065					
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----	1,732	4,549					16,069
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----					8,400		
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----						1,400	
ARKANSAS RIVER, ARK.-----		20,529					
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE-----		1,325		1,399	87,588	9,624	1,572
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON-----	1,491					3,252	
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH-----	5,819	22,342					
TENNESSEE RIVER, TENN., ALA. AND KY.-----	7,213						1,450
KANAWHA RIVER, W.VA.-----					22,435		
MONONGAHELA RIVER, PA. AND W.VA.-----	35,721				29,562		
BLACK RIVER, MISS.-----						2,947	
PORT OF CHICAGO, ILL.-----					9,780	2,800	
TOTAL, SHIPPING AREA-----	201,762	80,114		1,399	157,765	37,358	20,237
TENNESSEE RIVER, TENN., ALA. AND KY./ WARRIOR RIVER SYSTEM-----							6,233
CALCASIEU RIVER AND PASS, LA.-----					17,868		
GALVESTON BAY, TEXAS-----	6,854				3,259	1,474	
GULF INTRACOASTAL WATERWAY' GALVESTON TO CORPUS CHRISTI, TEXAS-----	10,082					5,440	
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----	4,386						
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.-----					2,593		
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----					25,447		2,563
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----					6,583	9,800	50,735
ARKANSAS RIVER, ARK.-----						673	
MOLF RIVER, TENN.-----					28,811		
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE-----					24,917	5,582	9,290
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH-----						1,143	
TENNESSEE RIVER, TENN., ALA. AND KY.-----		4,945			30,673	976	
MONONGAHELA RIVER, PA. AND W.VA.-----					2,481		
MISSOURI RIVER-----					2,703		15,141
ILLINOIS RIVER, ILL.-----							1,429
PORT OF CHICAGO, ILL.-----					38,070	6,926	
TOTAL, SHIPPING AREA-----	21,322		4,945		179,405	32,014	85,411

DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

TABLE 6--DOMESTIC INLAND MOVEMENTS OF CHEMICALS AND RELATED PRODUCTS--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	COAL TAR (CODE 2811)	BENZENE AND TOLUENE (CODE 2817)	SULPHURIC ACID (CODE 2818)	ALCOHOLS (CODE 2813)	SODIUM HYDROXIDE (CAUSTIC SODA) (CODE 2810)	CHEMICALS AND SPECIALTIES (CODES 2816, 2819, 2821, 2876)	FERTILIZERS AND FERTILIZER MATERIALS (CODES 1471, 1479, 2871, 2872, 2873, 2879)
ALLEGHENY RIVER, PA.,-----				11,943			3,056
MISSOURI RIVER-----				1,368			
ILLINOIS RIVER, ILL.,-----				523		2,500	37,882
LAKE MICHIGAN-----							5,055
PORT OF CHICAGO, ILL.,-----		1,400		160,018		746	9,274
TOTAL, SHIPPING AREA-----	6,860	1,400		454,953	5,374	15,365	85,920
BLACK RIVER, MIS./ MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----					1,439		2,431
TENNESSEE RIVER, TENN., ALA. AND KY.,-----							
TOTAL, SHIPPING AREA-----					1,439		2,431
MINNESOTA RIVER, MINN./ MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----							1,503
LAKE MICHIGAN/ MERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.,-----							1,400
GALVESTON BAY, TEXAS-----							2,800
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,-----							13,825
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----	1,400						
TENNESSEE RIVER, TENN., ALA. AND KY.,-----							1,400
CUMBERLAND RIVER, TENN. AND KY.,-----							2,800
MONONGAHELA RIVER, PA. AND N.VA.,-----	3,200						
PORT OF CHICAGO, ILL.,-----							2,791
TOTAL, SHIPPING AREA-----	4,600						25,016
PORT OF CHICAGO, ILL./ SABINE-NICHES WATERWAY, TEXAS-----	3,553	1,403		2,800			
GALVESTON BAY, TEXAS-----	28,126	7,476		4,956	6,459		
GULF INTRACOASTAL WATERWAY' GALVESTON TO CORPUS CHRISTI, TEXAS-----	15,586						
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,-----	15,812	22,056		1,356		1,499	
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,-----				2,779			
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----	3,050						
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----		7,575		2,998			
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE-----				1,347		1,707	
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON-----						1,836	
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH-----	20,769	5,612					
KANAWHA RIVER, N.VA.,-----						5,284	
MONONGAHELA RIVER, PA. AND N.VA.,-----	20,538						
MISSOURI RIVER-----						6,037	
ILLINOIS RIVER, ILL.,-----	2,800					29,455	2,541
PORT OF CHICAGO, ILL.,-----	35,000	47,071		35,944		145,672	11,624
TOTAL, SHIPPING AREA-----	145,234	91,193		52,180	6,459	191,490	14,165
LOS ANGELES AND LONG BEACH HARBORS, CALIF./ LOS ANGELES AND LONG BEACH HARBORS, CALIF.,-----		9,805		5,972		28	
COLUMBIA RIVER' VANCOUVER, WASH., TO THE MOUTH/ COLUMBIA RIVER' VANCOUVER, WASH., TO THE MOUTH/ COLUMBIA RIVER' VANCOUVER, WASH., TO THE DALLES, OREG.,-----							21,694
COLUMBIA RIVER' ABOVE CELILO FALLS TO KENNEWICK, WASH.,-----							3,809
WILLAMETTE AND YAMHILL RIVERS, OREG.,-----						13,803	6,058
TOTAL, SHIPPING AREA-----						13,803	31,561
COLUMBIA RIVER' VANCOUVER, WASH., TO THE DALLES, OREG./ COLUMBIA RIVER' VANCOUVER, WASH., TO THE MOUTH/ COLUMBIA RIVER' ABOVE CELILO FALLS TO KENNEWICK, WASH.,-----							2,230
SNAKE RIVER, OREG., WASH. AND IDAHO-----						1,203	5,857
TOTAL, SHIPPING AREA-----						1,203	2,103
COLUMBIA RIVER' ABOVE CELILO FALLS TO KENNEWICK, WASH./ COLUMBIA RIVER' VANCOUVER, WASH., TO THE MOUTH/ COLUMBIA RIVER' VANCOUVER, WASH., TO THE DALLES, OREG.,-----						82	5,060
COLUMBIA RIVER' ABOVE CELILO FALLS TO KENNEWICK, WASH.,-----							14,345
SNAKE RIVER, OREG., WASH. AND IDAHO-----							86
TOTAL, SHIPPING AREA-----						82	20,291

Waterborne Commerce of the United States, 1987

TABLE 6--DOMESTIC INLAND MOVEMENTS OF CHEMICALS AND RELATED PRODUCTS--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1987

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	COAL TAR (CODE 2811)	BENZENE AND TOLUENE (CODE 2817)	SULPHURIC ACID (CODE 2818)	ALCOHOLS (CODE 2813)	SODIUM HYDROXIDE (CAUSTIC SODA) (CODE 2810)	CHEMICALS AND CHEMICAL SPECIALTIES (CODES 2816, 2819, 2821, 2876)	FERTILIZERS AND FERTILIZER MATERIALS (CODES 1471, 1479, 2871, 2872, 2873, 2879)
WILLAMETTE AND YAMHILL RIVERS, OREG./ COLUMBIA RIVER, VANCOUVER, WASH., TO THE MOUTH							1,006
COLUMBIA RIVER, ABOVE CELILO FALLS TO KENNEWICK, WASH.						74,825	13,553
TOTAL, SHIPPING AREA						74,825	14,559
SNAKE RIVER, OREG., WASH. AND IDAHO/ COLUMBIA RIVER, VANCOUVER, WASH., TO THE MOUTH							771
PUGET SOUND AND TRIBUTARY WATERS/ PUGET SOUND AND TRIBUTARY WATERS					91,546		
LOWER & UPPER SOUTHEAST ALASKA/ LOWER & UPPER SOUTHEAST ALASKA						43	109

Section 3
WATER CARRIAGE TON-MILES

WATER CARRIAGE TON-MILES

TABLE 1--TOTAL COMMERCE¹ TON-MILES AND TONS BY TYPE OF TRAFFIC AND AVERAGE HAUL
CALENDAR YEARS 1977-1987
(IN THOUSANDS)

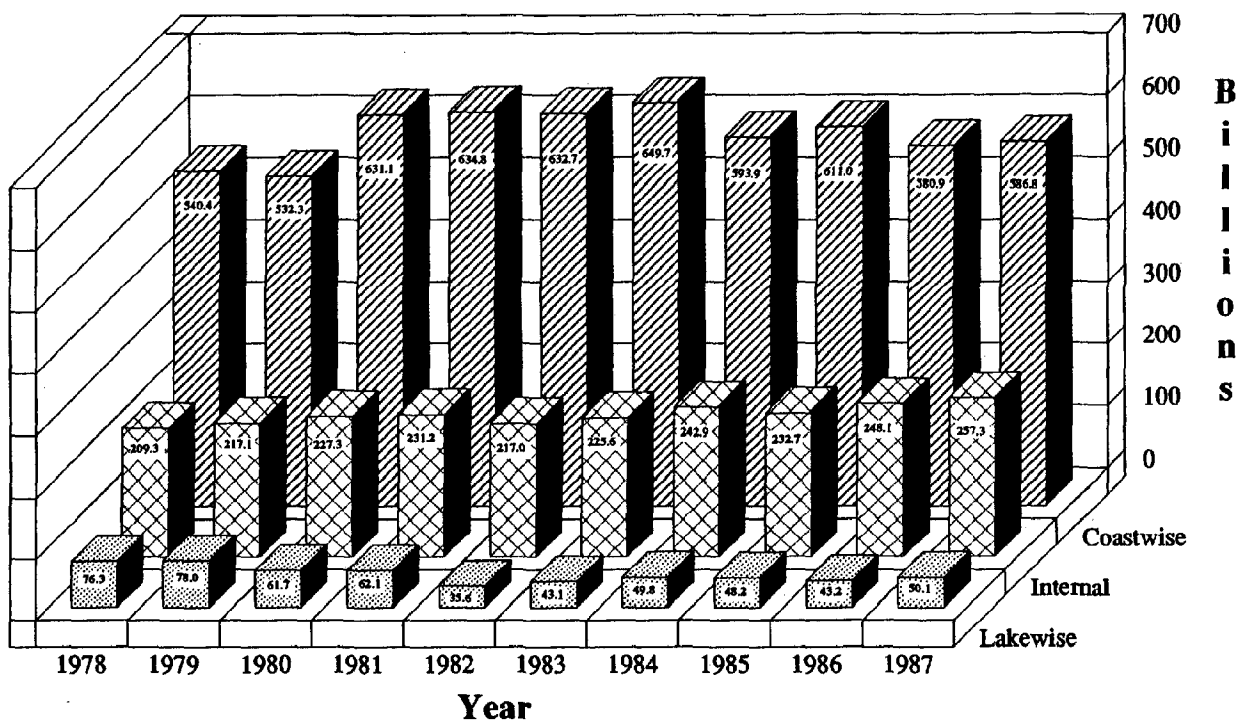
	TOTAL, FOREIGN AND DOMESTIC ²	FOREIGN			DOMESTIC					
		TOTAL	GREAT LAKES PORTS	COASTAL PORTS	TOTAL	COASTWISE	LAKENISE	INTERNAL	LOCAL	
TON-MILES¹										
1987-----	968,403,732	72,988,231	* 22,003,252	** 50,984,979	895,415,501	586,818,384	50,076,733	257,336,445	1,183,939	
1986-----	944,910,475	71,509,435	* 24,235,272	** 47,274,163	873,401,040	580,888,675	43,198,187	248,110,902	1,197,276	
1985-----	964,911,185	71,941,211	* 27,171,821	** 44,769,390	892,969,974	610,978,503	48,183,952	232,707,523	1,101,996	
1984-----	966,478,243	78,758,224	* 32,249,380	** 46,508,844	887,720,019	593,923,081	49,784,434	242,855,408	1,157,096	
1983-----	989,161,626	69,596,038	* 24,309,364	** 45,286,674	919,565,588	649,749,453	43,088,156	225,628,298	1,099,681	
1982-----	964,896,925	78,428,221	* 27,165,490	** 51,262,731	888,468,704	632,707,073	35,623,255	217,026,688	1,111,688	
1981-----	1,023,636,494	94,223,138	* 35,293,982	** 58,929,158	929,413,356	634,765,277	62,148,380	231,184,111	1,115,588	
1980-----	1,016,085,181	94,299,417	* 33,679,592	** 60,569,825	921,835,764	631,149,247	61,737,114	227,342,991	1,596,412	
1979-----	931,846,381	103,086,891	* 43,146,432	** 59,940,459	828,759,490	532,290,272	77,968,769	217,090,226	1,410,223	
1978-----	928,297,656	101,034,394	* 42,108,783	** 58,925,611	827,263,262	500,373,236	76,284,040	209,266,160	1,339,826	
1977-----	692,527,420	93,527,384	* 37,734,279	** 55,793,105	599,000,036	343,536,591	52,416,921	201,784,225	1,262,299	
TONS¹										
1987-----	# 1,962,761	890,979	45,925	845,054	1,071,782	323,518	96,484	569,829	81,951	
1986-----	# 1,870,458	837,223	45,829	791,394	1,033,235	308,025	87,353	560,499	77,358	
1985-----	# 1,785,033	774,323	51,320	723,003	1,010,710	309,802	91,987	534,658	74,263	
1984-----	# 1,832,614	803,338	58,774	744,564	1,029,276	307,652	98,010	542,503	81,111	
1983-----	# 1,704,501	751,140	48,411	702,729	953,361	309,637	93,447	487,132	73,145	
1982-----	# 1,773,929	819,731	50,395	769,336	954,198	311,058	72,085	495,453	75,602	
1981-----	# 1,938,428	967,102	63,210	823,892	1,051,326	321,990	115,418	520,668	93,250	
1980-----	# 1,995,300	921,804	60,592	860,812	1,073,896	329,609	115,124	534,979	94,184	
1979-----	# 2,069,757	993,445	73,760	919,685	1,076,312	304,666	143,564	534,969	93,114	
1978-----	# 2,018,079	946,057	70,600	875,457	1,072,022	305,343	142,663	534,509	89,507	
1977-----	# 1,904,569	935,257	69,164	866,093	969,312	248,083	109,080	528,705	83,444	
AVERAGE HAUL¹ (MILES PER TON)										
1987-----	493.3	81.9	479.1	60.3	835.4	1,813.9	519.0	451.6	14.4	
1986-----	505.2	85.4	528.8	59.7	845.3	1,885.9	494.5	442.7	15.5	
1985-----	540.5	92.9	529.5	61.9	883.5	1,972.2	523.8	435.2	14.8	
1984-----	527.4	98.4	548.7	62.5	862.5	1,930.5	508.0	448.0	14.3	
1983-----	580.3	92.7	502.1	64.4	964.6	2,098.4	516.4	463.2	15.0	
1982-----	543.9	95.7	539.1	66.6	929.0	2,034.0	494.2	438.0	14.7	
1981-----	528.1	106.2	558.4	71.5	884.0	1,971.4	536.5	444.0	14.1	
1980-----	509.2	102.3	555.8	70.4	858.4	1,914.8	536.4	405.0	16.9	
1979-----	450.2	103.8	585.0	65.2	770.0	1,747.1	543.1	405.8	15.1	
1978-----	459.9	106.8	596.4	67.3	771.6	1,769.7	534.7	391.5	14.9	
1977-----	363.6	100.0	545.6	64.4	618.0	1,388.8	480.5	381.7	15.1	

* BASED ON DISTANCES TRANSPORTED ON GREAT LAKES AND ST. LAWRENCE RIVER TO INTERNATIONAL BOUNDARY AT ST. REGIS, QUEBEC, CANADA.
 ** BASED ON DISTANCES TRANSPORTED ON UNITED STATES WATERWAYS FROM ENTRANCE CHANNELS TO PORTS AND WATERWAYS.
 # EXCLUDES INTRATERRITORY TRAFFIC FOR WHICH TON-MILES WERE NOT COMPILED: 1987, 4,698 THOUSAND TONS; 1986, 3,959 THOUSAND TONS;
 1985, 3,401 THOUSAND TONS; 1984, 3,406 THOUSAND TONS; 1983, 3,160 THOUSAND TONS; 1982, 2,811 THOUSAND TONS; 1981, 3,130 THOUSAND TONS;
 1980, 3,588 THOUSAND TONS; 1979, 4,001 THOUSAND TONS; 1978, 3,271 THOUSANDS TONS.

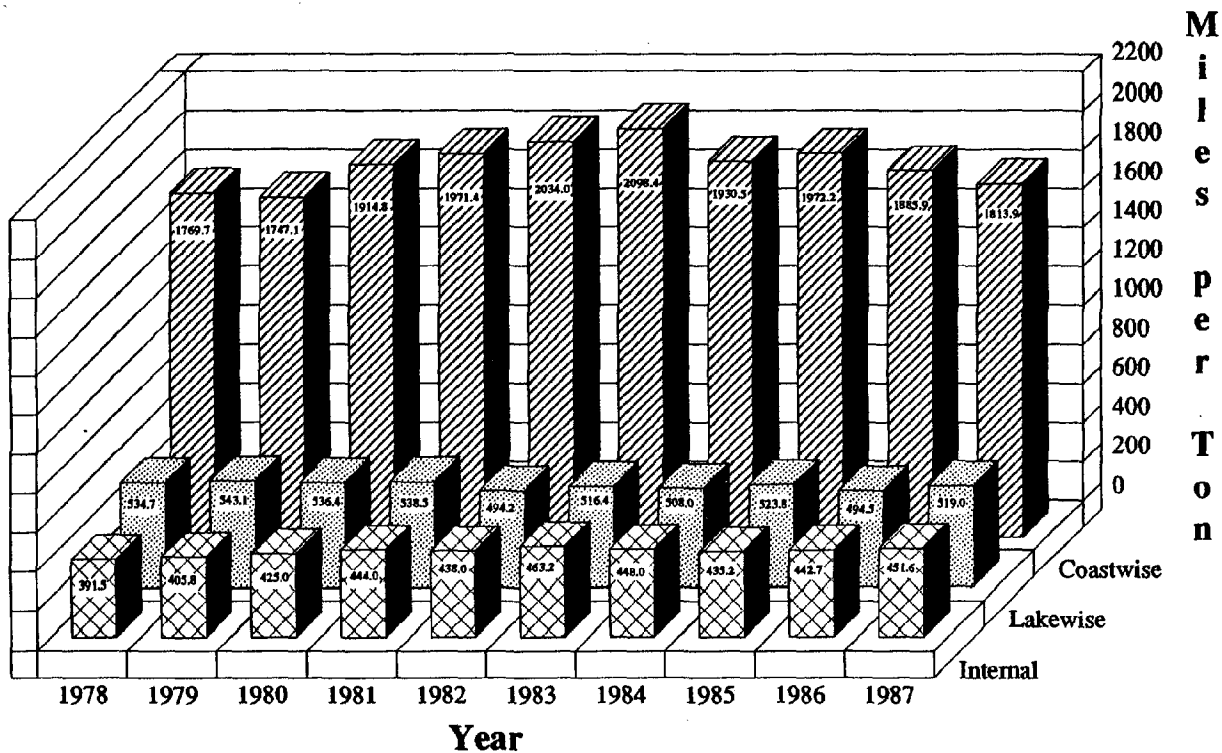
TABLE 2--DOMESTIC TON-MILES TYPE OF TRAFFIC BY SERVICE
CALENDAR YEAR 1987
(IN THOUSANDS)

TYPE OF TRAFFIC	TOTAL			REGULATED			EXEMPT, FOR HIRE			PRIVATE		
	TON-MILES	PERCENT OF		TON-MILES	PERCENT OF		TON-MILES	PERCENT OF		TON-MILES	PERCENT OF	
		TOTAL, DOMESTIC	TRAFFIC		TOTAL, DOMESTIC	TRAFFIC		TOTAL, DOMESTIC	TRAFFIC		TOTAL, DOMESTIC	TRAFFIC
COASTWISE-----	586,818,384	65.6	100.0	8,632,853	29.6	1.5	379,545,441	59.8	64.7	198,640,090	85.9	33.8
LAKENISE-----	50,076,733	5.6	100.0	17,462	0.1	0.0	38,785,951	6.1	77.5	11,273,320	4.9	22.5
INTERNAL-----	257,336,445	26.7	100.0	20,417,965	70.2	7.9	215,942,670	34.0	83.9	20,975,810	9.1	8.2
LOCAL-----	1,183,939	0.1	100.0	13,953	0.1	1.2	910,096	0.1	76.9	259,890	0.1	21.9
TOTAL DOMESTIC	895,415,501	100.0	100.0	29,082,233	100.0	3.2	635,184,158	100.0	70.9	231,149,110	100.0	25.9

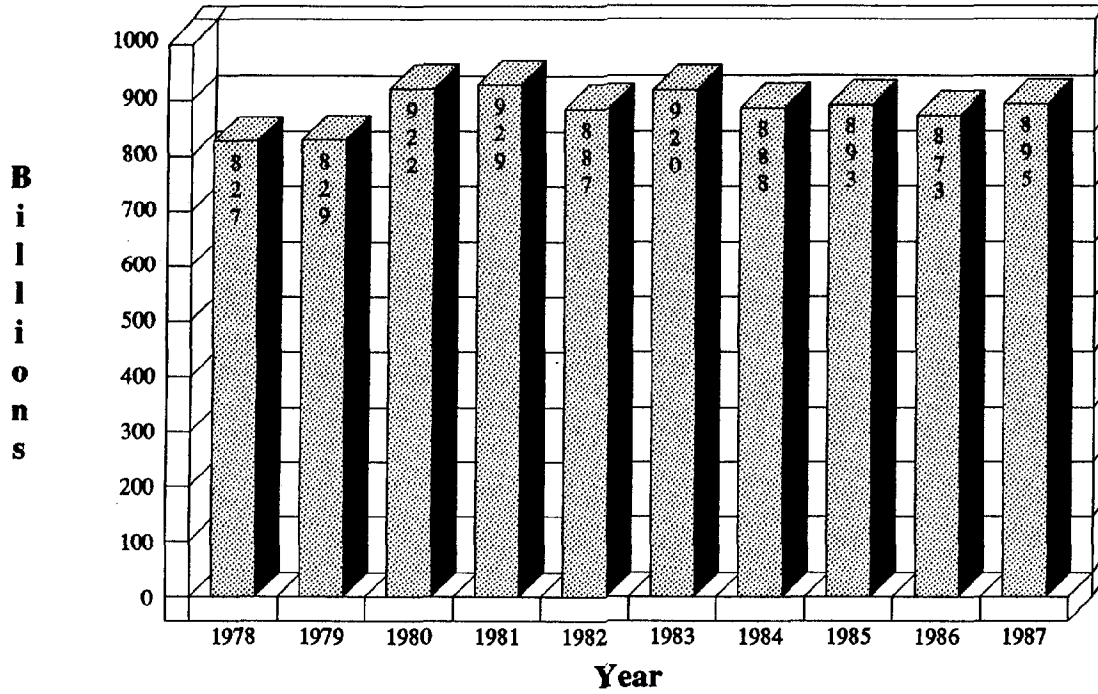
Ton-Miles Domestic Commerce 1978 - 1987



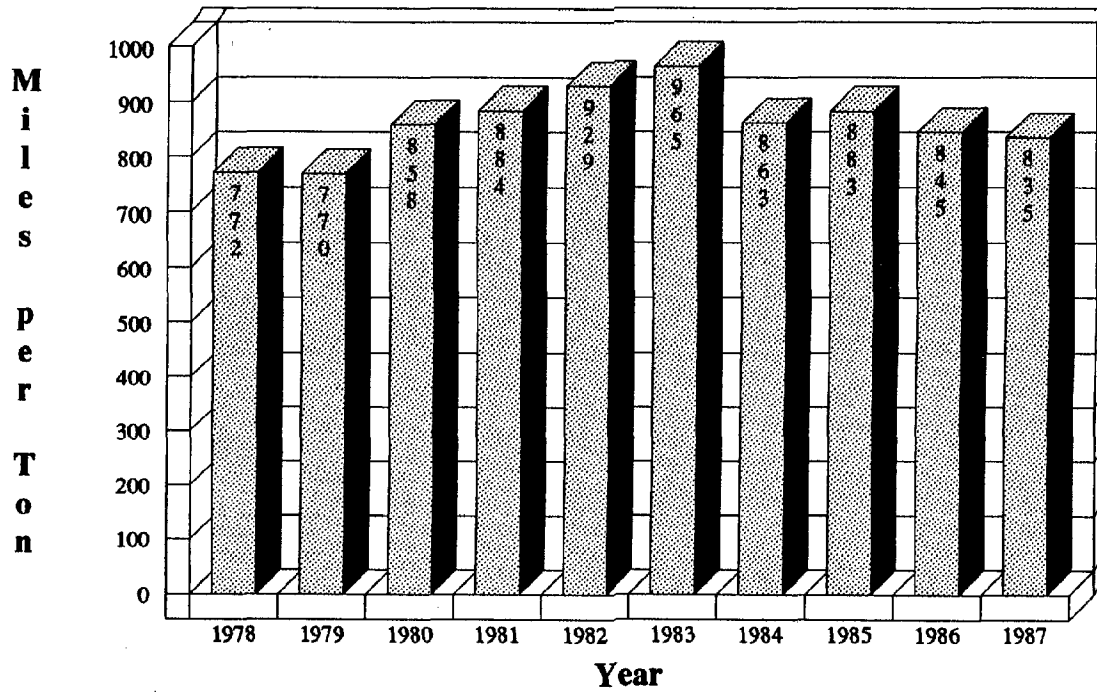
Average Haul Domestic Commerce 1978 - 1987



Total Ton-Miles Domestic Commerce 1978 - 1987



Total Average Haul Domestic Commerce 1978 - 1987



WATER CARRIAGE TON-MILES

CHART 2 - DOMESTIC TON-MILES BY TYPE OF SERVICE, 1987
895.4 BILLION TON-MILES

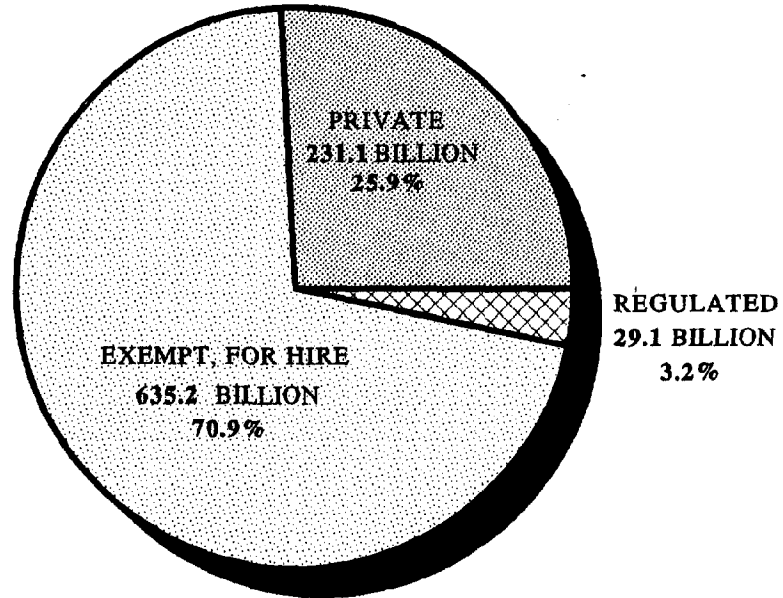
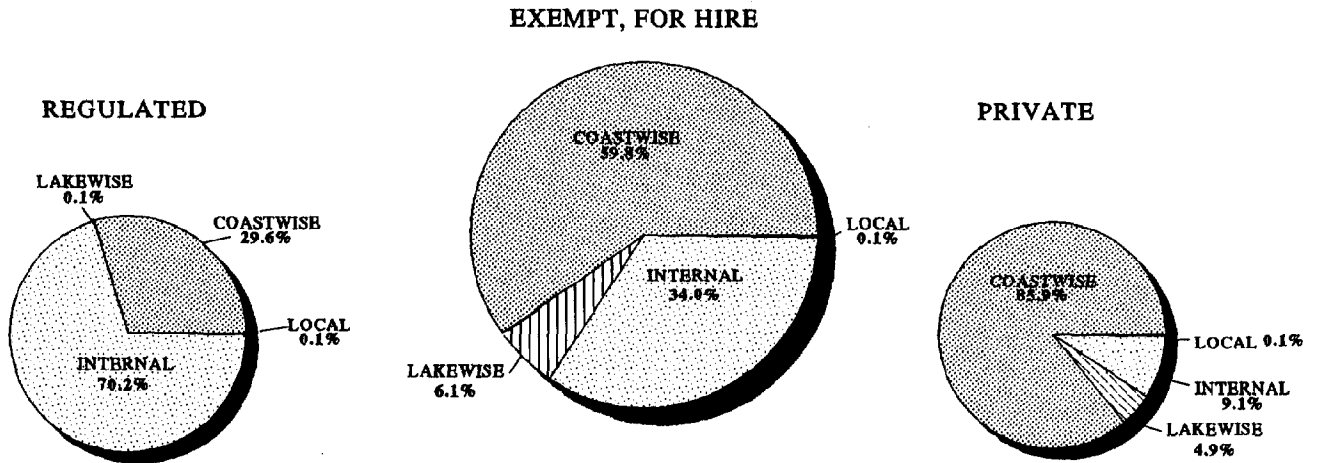


CHART 3 - DOMESTIC TON-MILES BY TYPE OF SERVICE
BY TYPE OF TRAFFIC, 1987



WATER CARRIAGE TON-MILES

TABLE 3--DOMESTIC TRAFFIC: TONS AND TON-MILES OF PRINCIPAL COMMODITY GROUPS BY TYPE OF TRAFFIC AND SERVICE CALENDAR YEAR 1987
(IN THOUSANDS)

TYPE OF TRAFFIC AND COMMODITY GROUP	TOTAL				REGULATED				EXEMPT, FOR HIRE				PRIVATE			
	TON-MILES	TONS	AVERAGE HAUL (MILES PER TON)	TON-MILES	TONS	AVERAGE HAUL (MILES PER TON)	TON-MILES	TONS	AVERAGE HAUL (MILES PER TON)	TON-MILES	TONS	AVERAGE HAUL (MILES PER TON)	TON-MILES	TONS	AVERAGE HAUL (MILES PER TON)	
COASTWISE, TOTAL	586,818,484	323,516	1,813.9	6,632,853	6,686	993.7	379,505,441	210,239	1,805.4	198,640,090	104,602	1,899.0				
PETROLEUM AND PRODUCTS	528,301,061	11,231	1,962.4	917,599	2,196	417.9	334,803,189	169,046	1,980.8	192,540,273	97,963	1,965.0				
COAL AND COKE	6,015,768	11,231	535.7	291,406	356	820.7	5,559,852	10,538	526.6	163,810	316	517.6				
IRON ORE AND IRON AND STEEL	351,738	272	1,293.5	141,442	105	1,349.4	208,759	137	1,643.5	40	38.3					
SAND, GRAVEL, AND STONE	172,264	2,404	71.7	24,667	18	1,393.2	143,269	126	63.5	4,338	34.0					
GRAINS	706,120	473	1,491.4	135,343	117	1,157.0	570,777	356	1,601.1							
LOGS AND LUMBER	2,110,295	1,638	1,288.0	779,027	661	1,171.0	1,336,167	977	1,401.1							
CHEMICALS AND RELATED PRODUCTS	28,477,084	16,941	1,567.1	1,039,318	786	1,310.7	17,004,632	12,926	1,318.6							
SHELLS	1,517	1	1,517.0	1	1	1,517.0										
ALL OTHERS	26,882,587	21,953	1,223.0	5,315,734	4,448	1,195.0	19,838,796	13,978	1,419.3							
LAKEWISE, TOTAL	50,076,733	96,484	519.0	17,462	378	464.2	38,785,951	76,297	508.4							
PETROLEUM AND PRODUCTS	349,358	12,135	287.7	66	3	224.5	367,993	1,610	228.5							
COAL AND COKE	8,723,083	49,920	325.6	4		534.5	9,187,611	17,299	531.1							
IRON ORE AND IRON AND STEEL	30,729,253	8,609	357.6	1,329	61	214.7	21,923,606	34,956	627.0							
SAND, GRAVEL, AND STONE	6,929,233	28,589	90.7	320	5	49.6	5,725,309	18,674	306.6							
GRAINS	57,111	23	248.3	1,207	20	60.9	448,768	438	975.1							
LOGS AND LUMBER	46,026	194	241.8	1,208	21	60.9	20,833	133	154.6							
CHEMICALS AND RELATED PRODUCTS																
SHELLS																
ALL OTHERS	1,757,165	5,402	328.3	13,236	266	49.7	1,118,179	3,182	353.2							
INTERNALLY, TOTAL	257,336,445	569,829	451.6	20,817,965	23,684	862.1	215,920,670	445,144	485.1							
PETROLEUM AND PRODUCTS	36,868,648	146,045	282.4	2,278,711	3,596	633.7	37,655,557	111,667	247.6							
COAL AND COKE	71,771,996	162,144	442.6	5,927,423	5,827	1,017.2	65,633,519	155,350	422.7							
IRON ORE AND IRON AND STEEL	6,523,070	59,592	1,435.0	4,955,239	4,233	1,170.7	5,705,233	5,565	1,025.2							
SAND, GRAVEL, AND STONE	47,169,970	44,998	1,048.3	1,492,962	2,411	548.6	4,307,173	2,887	1,885.5							
GRAINS	1,599,690	10,227	87.8	81,640	725	680.1	4,493,899	42,237	1,065.0							
LOGS AND LUMBER	31,155,299	48,182	646.6	2,858,070	2,870	976.0	1,125,080	13,392	84.0							
CHEMICALS AND RELATED PRODUCTS	519,945	3,877	136.1				22,537,576	31,258	720.7							
SHELLS																
ALL OTHERS	49,049,528	76,517	641.0	2,500,493	3,776	662.2	43,885,388	62,345	703.7							
LOCAL, TOTAL	1,183,939	81,951	14.4	13,953	852	16.4	910,096	61,641	14.6							
PETROLEUM AND PRODUCTS	710,159	53,340	13.3	4,427	465	9.5	616,503	45,466	13.6							
COAL AND COKE	77,413	4,197	18.4	18	3	7.0	70,398	2,665	26.4							
IRON ORE AND IRON AND STEEL	136,576	8,074	9.8	940	54	17.5	4,955	390	12.7							
SAND, GRAVEL, AND STONE	2,774	17	186.7	5	3	2.0	82,942	3,500	23.7							
GRAINS	3,911	2,959	13.6	8,416	310	27.1	2,769	14	196.5							
LOGS AND LUMBER	4,144	3,356	13.6	8,416	310	27.1	36,308	2,904	12.5							
CHEMICALS AND RELATED PRODUCTS							497,739	3,829	13.0							
SHELLS																
ALL OTHERS	141,407	7,209	19.8	143	16	8.7	48,482	2,671	16.2							
DOMESTIC, TOTAL	895,415,501	1,071,762	635.0	29,082,233	33,602	865.5	28,100,158	703,330	800.7							
PETROLEUM AND PRODUCTS	566,428,226	87,297,487	1,203.1	3,200,805	6,259	511.4	533,481,202	327,889	1,180.8							
COAL AND COKE	41,822,788	105,622	466.3	6,219,551	6,186	1,045.5	38,481,580	85,829	438.6							
IRON ORE AND IRON AND STEEL	15,756,162	91,902	171.4	3,588,214	2,435	1,156.2	10,258,693	41,008	478.3							
SAND, GRAVEL, AND STONE	48,456,177	46,077	1,051.6	628,310	844	744.5	46,004,211	43,066	217.0							
GRAINS	3,749,099	25,647	164.1	857,076	929	922.5	4,493,658	17,275	1,406.2							
LOGS AND LUMBER	53,753,453	70,176	766.0	3,868,204	3,987	971.6	39,602,788	48,119	823.3							
CHEMICALS AND RELATED PRODUCTS	521,462	3,879	134.4	1,517	1	1,519.0	80,243	443	201.3							
SHELLS																
ALL OTHERS	77,630,687	110,981	699.5	7,829,606	8,507	920.4	64,884,045	82,335	787.8							

** LESS THAN 500 TON-MILES.

TABLE 4--DOMESTIC TON-MILES COMMODITY BY SERVICE, CALENDAR YEAR 1987

COMMODITY	TOTAL	REGULATED	EXEMPT, FOR HIRE	PRIVATE
TOTAL	895,415,801	29,082,233	635,184,158	231,149,110
FARM PRODUCTS				
0101 COTTON, RAW	4,286	1,236	3,050	
0102 BARLEY AND RYE	302,705	15,565	274,832	12,308
0103 CORN	38,391,860	317,187	36,875,650	1,199,023
0104 OATS	169,829	9,946	158,120	963
0105 RICE	693,864	49,447	635,859	8,558
0106 SORGHUM GRAINS	1,509,134	46,032	1,305,554	157,548
0107 WHEAT	7,389,985	190,133	6,754,198	445,254
0111 SOYBEANS	19,696,434	208,030	18,670,212	818,192
0112 FLAXSEED	162	162		
0119 OILSEEDS, NEC	49,471	20,920	24,551	
0121 TOBACCO, LEAF	2,945	2,676	269	
0122 HAY AND FODDER	8,269	1,611	6,658	
0129 FIELD CROPS, NEC	40,509	17,876	22,633	
0131 FRESH FRUITS	322,774	31,589	291,185	
0132 BANANAS AND PLANTAINS	21,918	8,155	13,763	
0133 COFFEE	63,634	58,853	8,781	
0134 COCOA BEANS	6,395	6,247	148	
0141 FRESH AND FROZEN VEGETABLES	589,252	102,398	486,854	
0151 LIVE ANIMALS	13,908	1,087	12,821	
0161 ANIMALS AND PRODUCTS, NEC	30,803	4,862	25,941	
0191 MISCELLANEOUS FARM PRODUCTS	37,836	6,088	31,248	
FOREST PRODUCTS				
0841 CRUDE RUBBER AND ALLIED GUMS	1,952		1,952	
0861 FOREST PRODUCTS, NEC	22,366	3,140	19,226	
FRESH FISH & OTHER MARINE PRODUCTS				
0911 FRESH FISH, EXCEPT SHELLFISH	129,321	62,176	45,168	21,957
0912 SHELLFISH, EXCEPT PREPARED	29,674	5,736	14,933	9,005
0913 MENHADEN				
0931 MARINE SHELLS, UNMANUFACTURED	521,462	1,517	89,243	430,702
METALLIC ORES				
1011 IRON ORE AND CONCENTRATES	33,403,262	1,971,486	22,571,973	8,859,803
1021 COPPER ORE AND CONCENTRATES	62,906		62,906	
1051 ALUMINUM ORES, CONCENTRATES	327,971	22,568	295,244	10,159
1061 MANGANESE ORES, CONCENTRATES	437,184	239,874	197,310	
1091 NONFERROUS ORES, CONCENT, NEC	442,074	26,543	415,531	
COAL				
1121 COAL AND LIGNITE	82,975,424	5,504,120	76,905,964	565,340
CRUDE PETROLEUM				
1311 CRUDE PETROLEUM	423,278,502	310,120	273,923,257	149,045,125
NONMETALLIC MINERALS, EXCEPT FUELS				
1411 LIMESTONE	8,593,171	219,406	6,448,821	1,924,944
1412 BUILDING STONE, UNWORKED	1,493	1,401	92	
1442 SAND, GRAVEL, CRUSHED ROCK	7,134,945	1,110,731	3,799,903	2,224,311
1451 CLAY	173,146	28,373	130,876	13,897
1471 PHOSPHATE ROCK	4,378,310		4,330,309	48,001
1479 NATURAL FERTILIZER MATS, NEC	4,119		4,119	
1491 SALT	4,744,551	37,676	4,467,955	238,920
1492 SULPHUR, DRY	33,534	13,310	20,224	
1493 SULPHUR, LIQUID	2,936,527		2,028,655	907,872
1494 GYPSUM, CRUDE AND PLASTERS	680,690	85,593	496,025	99,072
1499 NONMETALLIC MINERALS, NEC	367,821	94,019	269,013	4,789
ORDNANCE & ACCESSORIES				
1911 ORDNANCE AND ACCESSORIES	1,411	234	1,177	
FOOD & KINDRED PRODUCTS				
2011 MEAT, FRESH, CHILLED, FROZEN	675,672	161,176	514,454	42
2012 MEAT AND PRODUCTS, NEC	111,662	51,813	59,849	
2014 TALLOW, ANIMAL FATS AND OILS	97,321	956	96,365	
2015 ANIMAL BY-PRODUCTS, NEC	7,616	3,344	4,272	
2021 DAIRY PRODUCTS, NEC	111,453	21,340	90,113	
2022 DRIED MILK AND CREAM	47,499	34,118	13,381	
2031 FISH AND SHELLFISH, PREPARED	560,372	281,497	234,522	44,353
2034 VEGETABLES AND PREP, NEC	423,292	82,224	341,068	
2039 PREP FRUIT AND VEG JUICE, NEC	894,765	62,641	832,058	66
2041 WHEAT FLOUR AND SEMOLINA	61,695	24,417	37,278	
2042 ANIMAL FEEDS	9,565,817	153,933	9,170,511	241,373
2049 GRAIN MILL PRODUCTS, NEC	4,758,179	57,008	4,215,641	485,530
2061 SUGAR	4,872,974	454,724	4,418,250	
2062 MOLASSES	852,626		817,824	34,802
2081 ALCOHOLIC BEVERAGES	729,308	257,571	471,737	
2091 VEGETABLE OILS, MARG, SHORT	984,956	12,872	855,514	116,610
2092 ANIMAL OILS AND FATS, NEC	19,768	1,009	18,517	242
2094 GROCERIES	817,310	1,429	815,818	63
2095 ICE	2,089	41	1,976	72
2099 MISCELLANEOUS FOOD PRODUCTS	1,957,902	188,032	1,764,361	5,509
TOBACCO PRODUCTS				
2111 TOBACCO MANUFACTURES	37,609	8,105	29,504	

WATER CARRIAGE TON-MILES

TABLE 4--DOMESTIC TON-MILES COMMODITY BY SERVICE, CALENDAR YEAR 1987--CONTINUED

(IN THOUSANDS)

COMMODITY	TOTAL	REGULATED	EXEMPT, FOR HIRE	PRIVATE
BASIC TEXTILES				
2211 BASIC TEXTILE PRODUCTS-----	102,144	36,515	65,629	-----
2212 TEXTILE FIBERS, NEC-----	15,754	384	15,370	-----
APPAREL & OTHER FINISHED TEXTILE PRODUCTS, INCLUDING KNIT				
2311 APPAREL-----	437,226	326,266	110,958	-----
LUMBER & WOOD PRODS.,EXC. FURNITURE				
2411 LOGS-----	155,290	8,422	98,691	48,177
2412 RAFTED LOGS-----	530,984	254	520,362	10,338
2413 FUEL WOOD, CHARCOAL, WASTES-----	49,857	2,172	44,476	3,209
2414 TIMBER, POSTS, POLES, PILING-----	42,883	1,821	40,794	268
2415 PULPHOOD, LOG-----	303,878	173	36,698	267,007
2416 WOOD CHIPS, STAVES, MOLDINGS-----	529,531	31,541	433,138	64,852
2421 LUMBER-----	1,646,491	725,915	920,429	156
2431 VENEER, PLYWOOD, WORKED WOOD-----	287,257	72,796	194,458	3
2491 WOOD MANUFACTURES, NEC-----	200,562	10,812	189,338	412
FURNITURE & FIXTURES				
2511 FURNITURE AND FIXTURES-----	402,928	26,384	376,544	-----
PULP, PAPER & ALLIED PRODUCTS				
2611 PULP-----	127,322	31,662	94,448	1,212
2621 STANDARD NEWSPRINT PAPER-----	80,206	19,354	60,852	-----
2631 PAPER AND PAPERBOARD-----	565,209	351,505	213,704	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	693,839	141,232	544,144	8,463
PRINTED MATTER				
2711 PRINTED MATTER-----	37,782	4,613	33,169	-----
CHEMICALS & ALLIED PRODUCTS				
2810 SODIUM HYDROXIDE-----	4,608,162	246,030	2,766,726	1,595,406
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	1,090,570	219,496	792,431	78,643
2812 DYES, PIGMENT, TANNING MATS-----	736	610	126	-----
2813 ALCOHOLS-----	4,370,742	703,154	2,933,846	733,742
2816 RADIOACTIVE MATERIALS, WASTES-----	3,366	552	2,041	773
2817 BENZENE AND TOLUENE-----	2,649,523	245,428	1,670,841	733,254
2818 SULPHURIC ACID-----	414,178	122,452	55,128	236,618
2819 BASIC CHEMICALS AND PROD, NEC-----	22,610,417	1,738,472	15,794,208	5,077,737
2821 PLASTIC MATERIALS-----	194,689	80,413	114,185	91
2822 SYNTHETIC RUBBER-----	28,232	20,161	8,071	-----
2823 SYNTHETIC (MAN-MADE) FIBERS-----	6,202	246	5,956	-----
2831 DRUGS-----	64,685	8,847	55,838	-----
2841 SOAP-----	259,168	70,450	188,718	-----
2851 PAINTS-----	62,467	7,941	54,526	-----
2861 GUM AND WOOD CHEMICALS-----	401,723	1,980	399,743	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	4,788,877	159,895	4,293,165	335,817
2872 POTASSIC CHEM FERTILIZERS-----	1,218,816	20,578	1,196,312	1,928
2873 PHOSPHATIC CHEM FERTILIZERS-----	666,087	19,412	561,825	84,850
2876 INSECTICIDES, DISINFECTANTS-----	19,512	3,849	15,663	-----
2879 FERTILIZER AND MATERIALS, NEC-----	5,031,132	187,383	4,165,129	678,620
2891 MISCELLANEOUS CHEMICAL PROD-----	916,172	61,282	247,909	606,981
PETROLEUM & COAL PRODUCTS				
2911 GASOLINE-----	41,213,970	517,690	28,465,441	12,230,839
2912 JET FUEL-----	7,071,137	106,557	4,947,414	2,017,166
2913 KEROSENE-----	2,223,111	129,331	906,765	1,187,015
2914 DISTILLATE FUEL OIL-----	30,116,398	242,663	19,582,007	10,241,728
2915 RESIDUAL FUEL OIL-----	42,865,693	1,120,353	24,120,050	17,625,290
2916 LUBRICATING OILS AND GREASES-----	8,213,794	232,850	3,892,121	4,178,823
2917 NAPHTHA, PETROLEUM SOLVENTS-----	4,087,037	47,564	2,159,599	1,879,874
2918 ASPHALT, TAR, AND PITCHES-----	5,348,151	30,694	4,865,617	651,840
2920 COKE, PETROLEUM COKE-----	4,321,973	715,431	3,575,526	31,016
2921 LIQUEFIED GASES-----	668,366	7,124	110,562	550,680
2951 ASPHALT BUILDING MATERIALS-----	45,616	218	45,398	-----
2991 PETROLEUM AND COAL PROD, NEC-----	1,342,067	455,859	800,409	85,799
RUBBER & MISC. PLASTIC PRODUCTS				
3011 RUBBER AND MISC. PLASTIC PROD-----	266,512	78,706	187,806	-----
LEATHER & LEATHER PRODUCTS				
3111 LEATHER AND LEATHER PRODUCTS-----	41,284	12,287	28,997	-----
STONE, CLAY, GLASS, & CONCRETE PROD.				
3211 GLASS AND GLASS PRODUCTS-----	57,295	25,705	31,590	-----
3241 BUILDING CEMENT-----	4,187,174	193,807	2,605,112	1,388,255
3251 STRUCTURAL CLAY PRODUCTS-----	90,904	52,958	37,946	-----
3271 LIME-----	742,211	24,254	623,882	94,075
3281 CUT STONE AND STONE PRODUCTS-----	26,553	16,674	9,877	-----
3291 MISC. NONMETALLIC MINERAL PROD-----	353,183	19,405	315,110	18,668
PRIMARY METAL PRODUCTS				
3311 PIG IRON-----	193,495	85,976	107,919	-----
3312 SLAG-----	767,395	192,489	489,787	85,119
3313 COKE, PET ASPHALTS, SOLVENTS-----	90	-----	90	-----
3314 IRON AND STEEL PRIMARY FORMS-----	1,550,687	714,499	835,709	479
3315 IRON, STEEL SHAPES, EXC SHEET-----	2,292,777	614,948	1,677,683	146

TABLE 4--DOMESTIC TON-MILES COMMODITY BY SERVICE, CALENDAR YEAR 1987--CONTINUED
(IN THOUSANDS)

COMMODITY	TOTAL	REGULATED	EXEMPT, FOR HIRE	PRIVATE
PRIMARY METAL PRODUCTS (CONTINUED)				
3316 IRON AND STEEL PLATES, SHEETS-----	722,054	529,507	192,547	-----
3317 IRON AND STEEL PIPE AND TUBE-----	603,290	200,219	386,739	16,332
3318 FERROALLOYS-----	1,376,115	762,826	613,669	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	505,383	289,819	215,564	-----
3321 NONFERROUS METALS, NEC-----	21,676	11,691	9,985	-----
3322 COPPER ALLOYS, UNWORKED-----	49,618	41,971	7,647	-----
3323 LEAD AND ZINC, UNWORKED-----	107,821	34,754	73,067	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	74,793	45,726	29,067	-----
FABRICATED METAL PRODUCTS, EXCEPT: ORDNANCE, MACHINERY, & TRANS. EQUIP.				
3411 FABRICATED METAL PRODUCTS-----	847,888	135,856	703,452	8,580
MACHINERY, EXCEPT ELECTRICAL				
3511 MACHINERY, EXCEPT ELECTRICAL-----	410,705	103,447	297,929	9,329
ELECTRICAL MACHINERY, EQUIPMENT & SUPPLIES				
3611 ELECTRICAL MACH. AND EQUIP-----	194,902	55,429	139,452	21
TRANSPORTATION EQUIPMENT				
3711 MOTOR VEHICLES, PARTS, EQUIP-----	679,364	78,895	600,442	27
3721 AIRCRAFT AND PARTS-----	3,748	1,758	1,990	-----
3731 SHIPS AND BOATS-----	16,195	1,218	14,959	18
3791 MISC TRANSPORTATION EQUIPMENT-----	28,613	1,628	26,942	43
INSTRUMENTS, PHOTOGRAPHIC & OPTICAL GOODS, WATCHES & CLOCKS				
3811 INSTR, TIME, PHOTO, OPT GOODS-----	50,967	5,522	45,445	-----
MISC. PRODUCTS OF MANUFACTURING				
3911 MISC MANUFACTURED PRODUCTS-----	598,000	59,054	518,716	20,230
WASTE & SCRAP MATERIALS				
4011 IRON AND STEEL SCRAP-----	2,551,400	692,496	1,854,619	4,285
4012 NONFERROUS METAL SCRAP-----	25,352	8,376	16,976	-----
4022 TEXTILE WASTE, SCRAP, SWEEP-----	8,065	4,288	3,777	-----
4024 PAPER WASTE AND SCRAP-----	1,048	765	283	-----
4029 WASTE AND SCRAP, NEC-----	801,983	13,680	593,456	194,847
SPECIAL ITEMS				
4111 WATER-----	23,007	2,480	5,001	15,526
4112 COMMODITIES, NEC-----	4,419,626	1,960,347	2,439,181	20,098

WATER CARRIAGE TON-MILES

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TABLE 5--DOMESTIC TON-MILES COMMODITY BY TYPE OF TRAFFIC, CALENDAR YEAR 1987
(IN THOUSANDS)

COMMODITY	TOTAL	COASTWISE	LAKEWISE	INTERNAL	LOCAL
TOTAL	895,415,501	586,818,384	50,076,733	257,336,445	1,183,939
FARM PRODUCTS					
0101 COTTON, RAW	4,286	2,030		2,256	
0102 BARLEY AND RYE	302,705	158		302,547	
0103 CORN	38,391,660	293,086		38,096,355	2,419
0104 OATS	169,029	6,616		162,413	
0105 RICE	693,664	181,293		512,371	
0106 SORGHUM GRAINS	1,509,134	6,817		1,502,317	
0107 WHEAT	7,389,585	218,150	577,313	6,593,767	355
0111 SOYBEANS	19,696,434	6,260		19,687,729	2,445
0112 FLAXSEED	162	162			
0119 OILSEEDS, NEC	45,471	1,416		44,055	
0121 TOBACCO, LEAF	2,945	2,945			
0122 HAY AND FODDER	8,269	2,556		5,711	
0129 FIELD CROPS, NEC	40,509	21,701		18,806	2
0131 FRESH FRUITS	322,774	322,765	9		
0132 BANANAS AND PLANTAINS	21,918	21,918			
0133 COFFEE	63,634	63,634			
0134 COCOA BEANS	6,395	6,395			
0141 FRESH AND FROZEN VEGETABLES	589,252	581,626	56	7,570	
0151 LIVE ANIMALS	13,908	13,908			
0161 ANIMALS AND PRODUCTS, NEC	30,803	30,285		518	
0191 MISCELLANEOUS FARM PRODUCTS	37,336	34,375		2,961	
FOREST PRODUCTS					
0841 CRUDE RUBBER AND ALLIED GUMS	1,952	1,952			
0861 FOREST PRODUCTS, NEC	22,366	22,366			
FRESH FISH & OTHER MARINE PRODUCTS					
0911 FRESH FISH, EXCEPT SHELLFISH	129,321	106,088		23,216	14
0912 SHELLFISH, EXCEPT PREPARED	29,674	19,425		10,201	48
0931 MARINE SHELLS, UNMANUFACTURED	521,462	1,517		519,945	
METALLIC ORES					
1011 IRON ORE AND CONCENTRATES	33,403,262	568	30,783,151	2,618,469	1,074
1021 COPPER ORE AND CONCENTRATES	62,906			62,906	
1051 ALUMINUM ORES, CONCENTRATES	327,971			327,971	
1061 MANGANESE ORES, CONCENTRATES	437,184	565	82	436,529	8
1091 NONFERROUS ORES, CONCENT, NEC	442,074	6,262		435,812	
COAL					
1121 COAL AND LIGNITE	82,975,424	6,015,496	9,269,712	67,615,181	55,035
CRUDE PETROLEUM					
1311 CRUDE PETROLEUM	423,278,502	417,488,957	81	5,729,710	59,754
NONMETALLIC MINERALS, EXCEPT FUELS					
1411 LIMESTONE	8,593,171	4,645	6,685,558	1,902,681	287
1412 BUILDING STONE, UNWORKED	1,493	1,493			
1442 SAND, GRAVEL, CRUSHED ROCK	7,134,945	140,323	242,674	6,619,639	132,309
1451 CLAY	173,146	13,268	1,562	156,606	1,710
1471 PHOSPHATE ROCK	4,378,310	4,354,060		24,250	
1479 NATURAL FERTILIZER MATS, NEC	4,119			4,119	
1491 SALT	4,744,551	150,346	314,182	4,275,111	4,912
1492 SULPHUR, DRY	33,534	33,534			
1493 SULPHUR, LIQUID	2,936,527	2,620,330		312,082	4,115
1494 GYPSUM, CRUDE AND PLASTERS	680,690	31,227	343,937	315,526	
1499 NONMETALLIC MINERALS, NEC	367,821	21,656	6	344,278	1,881
ORDNANCE & ACCESSORIES					
1911 ORDNANCE AND ACCESSORIES	1,411	1,411			
FOOD & KINDRED PRODUCTS					
2011 MEAT, FRESH, CHILLED, FROZEN	675,672	675,559	113		
2012 MEAT AND PRODUCTS, NEC	111,662	111,662			
2014 TALLOW, ANIMAL FATS AND OILS	97,521	19,587		77,734	
2015 ANIMAL BY-PRODUCTS, NEC	7,616	5,123		2,493	
2021 DAIRY PRODUCTS, NEC	111,453	111,388	65		
2022 DRIED MILK AND CREAM	47,499	47,499			
2031 FISH AND SHELLFISH, PREPARED	560,372	560,217		155	
2034 VEGETABLES AND PREP, NEC	423,292	418,220	55	5,017	
2039 PREP. FRUIT AND VEG JUICE, NEC	894,765	894,765			
2041 WHEAT FLOUR AND SEMOLINA	61,695	61,533		162	
2042 ANIMAL FEEDS	9,565,817	369,835	172	9,191,827	3,983
2049 GRAIN MILL PRODUCTS, NEC	4,758,179	122,940		4,635,239	
2061 SUGAR	4,672,974	4,641,681		231,293	
2062 MOLASSES	852,626	323,000		529,443	183
2081 ALCOHOLIC BEVERAGES	729,308	729,303		5	
2091 VEGETABLE OILS, MARG, SHORT	984,996	155,318		828,900	778
2092 ANIMAL OILS AND FATS, NEC	19,768	1,101		18,425	242
2094 GROCERIES	817,310	816,898	5	407	
2095 ICE	2,089	199	2	1,883	5
2099 MISCELLANEOUS FOOD PRODUCTS	1,957,902	1,926,408	1,161	30,256	77
TOBACCO PRODUCTS					
2111 TOBACCO MANUFACTURES	37,609	37,609			

TABLE 5--DOMESTIC TON-MILES COMMODITY BY TYPE OF TRAFFIC, CALENDAR YEAR 1987--CONTINUED

(IN THOUSANDS)

COMMODITY	TOTAL	COASTWISE	LAKEWISE	INTERNAL	LOCAL
BASIC TEXTILES					
2211 BASIC TEXTILE PRODUCTS-----	102,144	73,943	-----	26,201	-----
2212 TEXTILE FIBERS, NEC-----	15,754	13,065	-----	2,689	-----
APPAREL & OTHER FINISHED TEXTILE PRODUCTS, INCLUDING KNIT					
2311 APPAREL-----	437,226	437,226	-----	-----	-----
LUMBER & WOOD PRODS., EXCL FURNITURE					
2411 LOGS-----	155,290	2,987	-----	152,068	235
2412 RAFTED LOGS-----	530,984	1,345	-----	495,537	34,102
2413 FUEL WOOD, CHARCOAL, WASTES-----	49,857	32,592	-----	17,265	-----
2414 TIMBER, POSTS, POLES, PILING-----	42,863	41,496	46	1,335	6
2415 PULPWOOD, LOGS-----	303,878	526	-----	302,163	1,189
2416 WOOD CHIPS, STAVES, HOLDINGS-----	529,531	55	-----	527,099	2,377
2421 LUMBER-----	1,646,491	1,615,598	940	29,953	-----
2431 VENEER, PLYWOOD, WORKED WOOD-----	267,257	193,263	205	73,788	1
2491 WOOD MANUFACTURES, NEC-----	200,562	200,017	62	482	1
FURNITURE & FIXTURES					
2511 FURNITURE AND FIXTURES-----	402,926	402,906	-----	22	-----
PULP, PAPER & ALLIED PRODUCTS					
2611 PULP-----	127,322	67,162	1,431	56,729	-----
2621 STANDARD NEWSPRINT PAPER-----	80,206	20,275	1,298	58,633	-----
2631 PAPER AND PAPERBOARD-----	565,209	276,319	5,130	283,757	3
2691 PULP AND PAPER PRODUCTS, NEC-----	693,839	610,179	-----	83,646	14
PRINTED MATTER					
2711 PRINTED MATTER-----	37,782	37,782	-----	-----	-----
CHEMICALS & ALLIED PRODUCTS					
2810 SODIUM HYDROXIDE-----	4,608,162	2,036,268	2,872	2,565,821	3,201
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	1,090,570	118,358	4,816	965,346	2,050
2812 DYES, PIGMENT, TANNING MATS-----	736	736	-----	-----	-----
2813 ALCOHOLS-----	4,370,742	1,655,305	-----	2,707,808	7,629
2816 RADIOACTIVE MATERIALS, WASTES-----	3,366	2,593	-----	773	-----
2817 BENZENE AND TOLUENE-----	2,649,523	1,137,110	24,789	1,468,063	19,561
2818 SULPHURIC ACID-----	414,178	35,695	-----	372,039	6,444
2819 BASIC CHEMICALS AND PROD, NEC-----	22,610,417	9,467,018	10,914	13,109,107	23,378
2821 PLASTIC MATERIALS-----	194,689	186,887	-----	7,802	-----
2822 SYNTHETIC RUBBER-----	28,232	20,375	-----	7,857	-----
2823 SYNTHETIC (MAN-MADE) FIBERS-----	6,202	6,202	-----	-----	-----
2831 DRUGS-----	64,685	64,685	-----	-----	-----
2841 SOAP-----	259,168	251,030	-----	8,138	-----
2851 PAINTS-----	62,467	62,460	-----	7	-----
2861 GUM AND WOOD CHEMICALS-----	401,723	351,983	310	49,331	99
2871 NITROGENOUS CHEM FERTILIZERS-----	4,788,877	1,135,779	3,225	3,648,337	1,336
2872 POTASSIC CHEM FERTILIZERS-----	1,218,818	114,890	-----	1,103,344	584
2873 PHOSPHATIC CHEM FERTILIZERS-----	666,087	131,181	-----	532,835	2,071
2876 INSECTICIDES, DISINFECTANTS-----	19,512	19,499	-----	13	-----
2879 FERTILIZER AND MATERIALS, NEC-----	5,031,132	694,726	-----	4,328,890	7,516
2891 MISCELLANEOUS CHEMICAL PROD-----	916,172	656,821	-----	259,276	75
PETROLEUM & COAL PRODUCTS					
2911 GASOLINE-----	41,213,970	31,681,611	213,347	9,124,667	194,345
2912 JET FUEL-----	7,071,137	5,645,469	764	1,421,298	3,606
2913 KEROSENE-----	2,223,111	1,898,787	1,248	317,438	5,638
2914 DISTILLATE FUEL OIL-----	30,116,398	25,221,217	76,554	4,637,241	181,386
2915 RESIDUAL FUEL OIL-----	42,865,693	34,734,085	69,549	7,825,052	237,007
2916 LUBRICATING OILS AND GREASES-----	8,213,794	5,956,026	1,004	2,254,981	1,763
2917 NAPHTHA, PETROLEUM SOLVENTS-----	4,087,037	2,709,725	53	1,364,981	12,278
2918 ASPHALT, TAR, AND BITUMENS-----	5,348,151	1,775,716	185,749	3,374,446	12,240
2920 COKE, PETROLEUM COKE-----	4,321,973	184	143,293	4,156,116	22,380
2921 LIQUEFIED GASES-----	668,366	205,958	9	462,267	132
2951 ASPHALT BUILDING MATERIALS-----	45,616	45,616	-----	-----	-----
2991 PETROLEUM AND COAL PROD, NEC-----	1,342,067	983,510	-----	356,567	1,990
RUBBER & MISC. PLASTIC PRODUCTS					
3011 RUBBER AND MISC PLASTIC PROD-----	266,512	265,741	726	45	-----
LEATHER & LEATHER PRODUCTS					
3111 LEATHER AND LEATHER PRODUCTS-----	41,284	41,284	-----	-----	-----
STONE, CLAY, GLASS, & CONCRETE PROD.					
3211 GLASS AND GLASS PRODUCTS-----	57,295	50,566	-----	6,729	-----
3241 BUILDING CEMENT-----	4,187,174	644,197	846,960	2,680,008	15,609
3251 STRUCTURAL CLAY PRODUCTS-----	90,904	72,799	-----	18,105	-----
3271 LIMESTONE-----	742,211	3,953	-----	738,258	-----
3281 CUT STONE AND STONE PRODUCTS-----	26,533	25,803	-----	750	-----
3291 MISC NONMETALLIC MINERAL PROD-----	353,183	301,534	63	51,501	85
PRIMARY METAL PRODUCTS					
3341 PIG IRON-----	193,895	317	-----	193,578	-----
3312 SLAG-----	767,395	28,183	248,069	491,143	-----
3313 COKE, PET ASPHALTS, SOLVENTS-----	90	88	-----	2	-----
3314 IRON AND STEEL PRIMARY FORMS-----	1,550,687	19,765	1,145	1,529,588	189
3345 IRON, STEEL SHAPES, EXCL SHEET-----	2,292,777	71,360	-----	2,221,357	60

WATER CARRIAGE TON-MILES

TABLE 5--DOMESTIC TON-MILES COMMODITY BY TYPE OF TRAFFIC, CALENDAR YEAR 1987--CONTINUED
(IN THOUSANDS)

COMMODITY	TOTAL	COASTWISE	LAKEWISE	INTERNAL	LOCAL
PRIMARY METAL PRODUCTS (CONTINUED)					
3316 IRON AND STEEL PLATES, SHEETS-----	722,054	46,695	1	675,234	124
3317 IRON AND STEEL PIPE AND TUBE-----	603,290	77,132	2	525,463	693
3318 FERROALLOYS-----	1,376,115	20,126	-----	1,355,855	134
3319 IRON AND STEEL PRODUCTS, NEC-----	505,383	67,907	182	437,294	-----
3321 NONFERROUS METALS, NEC-----	21,676	8,319	-----	13,349	8
3322 COPPER ALLOYS, UNWORKED-----	49,618	11,894	-----	37,720	4
3323 LEAD AND ZINC, UNWORKED-----	107,821	3,575	-----	104,243	3
3324 ALUMINUM AND ALLOYS, UNWORKED-----	74,793	15,970	-----	58,819	4
FABRICATED METAL PRODUCTS, EXCEPT ORDNANCE, MACHINERY, & TRANS. EQUIP.					
3411 FABRICATED METAL PRODUCTS-----	847,888	762,844	1,549	82,984	511
MACHINERY, EXCEPT ELECTRICAL					
3511 MACHINERY, EXCEPT ELECTRICAL-----	410,705	324,151	25	86,394	135
ELECTRICAL MACHINERY, EQUIPMENT & SUPPLIES					
3611 ELECTRICAL MACH AND EQUIP-----	194,902	190,997	-----	3,905	-----
TRANSPORTATION EQUIPMENT					
3711 MOTOR VEHICLES, PARTS, EQUIP-----	679,364	668,448	58	10,858	-----
3721 AIRCRAFT AND PARTS-----	3,748	1,990	-----	1,758	-----
3731 SHIPS AND BOATS-----	16,195	14,530	-----	1,665	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	26,613	26,397	-----	216	-----
INSTRUMENTS, PHOTOGRAPHIC & OPTICAL GOODS, WATCHES & CLOCKS					
3811 INSTR, TIME, PHOTO, OPT GOODS-----	50,967	50,965	-----	2	-----
MISC. PRODUCTS OF MANUFACTURING					
3911 MISC MANUFACTURED PRODUCTS-----	598,000	569,547	-----	28,444	9
WASTE & SCRAP MATERIALS					
4011 IRON AND STEEL SCRAP-----	2,551,400	67,994	-----	2,478,013	5,393
4012 NONFERROUS METAL SCRAP-----	25,352	14,503	-----	10,849	-----
4022 TEXTILE WASTE, SCRAP, SWEEP-----	8,065	8,065	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	1,048	1,046	-----	2	-----
4029 WASTE AND SCRAP, NEC-----	801,983	50,659	1	649,506	101,817
SPECIAL ITEMS					
4111 WATER-----	23,007	597	-----	22,232	218
4112 COMMODITIES, NEC-----	4,419,626	4,368,810	445	47,921	2,450

Waterborne Commerce of the United States, 1987

TABLE 6--REGULATED TON-MILES: COMMODITY BY TYPE OF TRAFFIC, CALENDAR YEAR: 1987
(IN THOUSANDS)

COMMODITY	TOTAL	COASTWISE	LAKEWISE	INTERNAL	LOCAL
TOTAL	29,082,233	8,632,853	17,462	20,417,965	13,953
FARM PRODUCTS					
0101 COTTON, RAW	1,236	1,236			
0102 BARLEY AND RYE	15,565	158		15,407	
0103 CORN	317,187	36,479		280,708	
0104 OATS	9,946	2,399		7,547	
0105 RICE	49,447	47,899		1,548	
0106 SORGHUM GRAINS	46,032	6,817		39,215	
0107 WHEAT	190,133	41,591		148,537	5
0111 SOYBEANS	208,030	768		207,262	
0112 FLAXSEED	162	162			
0119 OILSEEDS, NEC	20,920	1,416		19,504	
0121 TOBACCO, LEAF	2,676	2,676			
0122 HAY AND FODDER	1,611	1,611			
0129 FIELD CROPS, NEC	17,876	1,296		16,578	2
0131 FRESH FRUITS	31,589	31,589	9		
0132 BANANAS AND PLANTAINS	8,155	8,155			
0133 COFFEE	54,853	54,853			
0134 COCOA BEANS	6,287	6,287			
0141 FRESH AND FROZEN VEGETABLES	102,398	102,342	56		
0151 LIVE ANIMALS	1,087	1,087			
0161 ANIMALS AND PRODUCTS, NEC	4,862	4,862			
0191 MISCELLANEOUS FARM PRODUCTS	6,088	6,088			
FOREST PRODUCTS					
0861 FOREST PRODUCTS, NEC	3,140	3,140			
FRESH FISH & OTHER MARINE PRODUCTS					
0911 FRESH FISH, EXCEPT SHELLFISH	62,176	62,176			
0912 SHELLFISH, EXCEPT PREPARED	5,736	5,736			
0931 MARINE SHELLS, UNMANUFACTURED	1,517	1,517			
METALLIC ORES					
1011 IRON ORE AND CONCENTRATES	1,971,486	502		1,970,820	124
1051 ALUMINUM ORES, CONCENTRATES	22,568			22,568	
1061 MANGANESE ORES, CONCENTRATES	239,874		82	239,784	8
1091 NONFERROUS ORES, CONCENT, NEC	26,543	13		26,530	
COAL					
1121 COAL AND LIGNITE	5,504,120	292,015	4	5,212,083	18
CRUDE PETROLEUM					
1311 CRUDE PETROLEUM	310,120	320		309,800	
NONMETALLIC MINERALS, EXCEPT FUELS					
1411 LIMESTONE	219,406	868		218,538	
1412 BUILDING STONE, UNWORKED	1,401	1,401			
1442 SAND, GRAVEL, CRUSHED ROCK	1,110,731	5,722	320	1,104,689	
1451 CLAY	28,373	6,926	1,562	19,885	
1491 SALT	37,676	17,232	347	20,097	
1492 SULPHUR, DRY	13,310	13,310			
1494 GYPSUM, CRUDE AND PLASTERS	85,593	7,018		78,575	
1499 NONMETALLIC MINERALS, NEC	94,019	10,975	6	83,038	
ORDNANCE & ACCESSORIES					
1911 ORDNANCE AND ACCESSORIES	234	234			
FOOD & KINDRED PRODUCTS					
2011 MEAT, FRESH, CHILLED, FROZEN	161,176	161,063	113		
2012 MEAT AND PRODUCTS, NEC	51,813	51,813			
2014 TALLOW, ANIMAL FATS AND OILS	956	953		3	
2015 ANIMAL BY-PRODUCTS, NEC	3,344	3,344			
2021 DAIRY PRODUCTS, NEC	21,340	21,275	65		
2022 DRIED MILK AND CREAM	34,116	34,116			
2031 FISH AND SHELLFISH, PREPARED	281,497	281,497			
2034 VEGETABLES AND PREP, NEC	82,224	82,169	55		
2039 PREP FRUIT AND VEG JUICE, NEC	62,641	62,641			
2041 WHEAT FLOUR AND SEMOLINA	24,417	24,417			
2042 ANIMAL FEEDS	153,933	110,033	172	43,728	
2049 GRAIN MILL PRODUCTS, NEC	57,008	49,823		7,185	
2061 SUGAR	454,724	380,629		74,095	
2081 ALCOHOLIC BEVERAGES	257,571	257,571			
2091 VEGETABLE OILS, MARG, SHORT	12,872	12,872			
2092 ANIMAL OILS AND FATS, NEC	1,009	1,009			
2094 GROCERIES	1,429	1,424	5		
2095 ICE	41	38	3		
2099 MISCELLANEOUS FOOD PRODUCTS	186,032	187,879	153		
TOBACCO PRODUCTS					
2111 TOBACCO MANUFACTURES	8,105	8,105			
BASIC TEXTILES					
2211 BASIC TEXTILE PRODUCTS	36,515	12,699		23,816	
2212 TEXTILE FIBERS, NEC	384	384			

WATER CARRIAGE TON-MILES

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TABLE 6--REGULATED TON-MILES COMMODITY BY TYPE OF TRAFFIC, CALENDAR YEAR 1967--CONTINUED

(IN THOUSANDS)

COMMODITY	TOTAL	COASTWISE	LAKEWISE	INTERNAL	LOCAL
APPAREL & OTHER FINISHED TEXTILE PRODUCTS, INCLUDING KNIT					
2311 APPAREL-----	326,268	326,268			
LUMBER & WOOD PRODS., EXC. FURNITURE					
2411 LOGS-----	8,422	150		8,272	
2412 RAFTED LOGS-----	284			284	
2413 FUEL WOOD, CHARCOAL, WASTES-----	2,172	92		2,080	
2414 TIMBER, POSTS, POLES, PILING-----	1,821	1,821			
2415 PULPWOOD, LOG-----	173			173	
2416 WOOD CHIPS, STAVES, MOLINGS-----	31,541	55		31,485	1
2421 LUMBER-----	725,915	706,746	940	18,229	
2431 VENEER, PLYWOOD, WORKED WOOD-----	72,796	51,273	205	21,317	1
2491 WOOD MANUFACTURES, NEC-----	10,812	10,750	62		
FURNITURE & FIXTURES					
2511 FURNITURE AND FIXTURES-----	26,384	26,384			
PULP, PAPER & ALLIED PRODUCTS					
2611 PULP-----	31,662	1,356	1,431	28,875	
2621 STANDARD NEWSPRINT PAPER-----	19,354	11,367	1,298	6,689	
2631 PAPER AND PAPERBOARD-----	351,505	145,465	5,130	200,907	3
2691 PULP AND PAPER PRODUCTS, NEC-----	141,232	95,318		45,900	14
PRINTED MATTER					
2711 PRINTED MATTER-----	4,613	4,613			
CHEMICALS & ALLIED PRODUCTS					
2810 SODIUM HYDROXIDE-----	246,030	9,748		236,250	32
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	219,496	696		217,761	1,039
2812 DYES, PIGMENT, TANNING MATS-----	610	610			
2813 ALCOHOLS-----	703,154	70,303		631,913	938
2816 RADIOACTIVE MATERIALS, WASTES-----	552	552			
2817 BENZENE AND TOLUENE-----	245,428	2,217		240,408	2,803
2818 SULPHURIC ACID-----	122,432	1,419		120,276	737
2819 BASIC CHEMICALS AND PROD, NEC-----	1,738,472	556,760	968	1,177,690	2,834
2821 PLASTIC MATERIALS-----	80,413	80,413			
2822 SYNTHETIC RUBBER-----	20,161	20,159		2	
2823 SYNTHETIC (MAN-MADE) FIBERS-----	246	246			
2831 DRUGS-----	8,847	8,847			
2841 SOAP-----	70,450	70,450			
2851 PAINTS-----	7,941	7,941			
2861 GUM AND WOOD CHEMICALS-----	1,960	1,664	310	6	
2871 NITROGENOUS CHEM FERTILIZERS-----	159,695	122,120		37,775	
2872 POTASSIC CHEM FERTILIZERS-----	20,578	19,002		1,576	
2873 PHOSPHATIC CHEM FERTILIZERS-----	19,412	15,010		4,402	
2876 INSECTICIDES, DISINFECTANTS-----	3,849	3,849			
2879 FERTILIZER AND MATERIALS, NEC-----	197,383	40,401		146,982	
2891 MISCELLANEOUS CHEMICAL PROD-----	61,262	18,416		42,831	35
PETROLEUM & COAL PRODUCTS					
2911 GASOLINE-----	517,690	145,753	14	368,453	3,470
2912 JET FUEL-----	106,557	19,643		86,914	
2913 KEROSENE-----	129,331	369		128,962	
2914 DISTILLATE FUEL OIL-----	242,663	169,917	23	72,378	345
2915 RESIDUAL FUEL OIL-----	1,120,353	38		1,119,929	386
2916 LUBRICATING OILS AND GREASES-----	232,850	158,460		74,392	8
2917 NAPHTHA, PETROLEUM SOLVENTS-----	47,564	4,896		42,525	143
2918 ASPHALT, TAR, AND PITCHES-----	30,694	514		30,086	69
2920 COKE, PETROLEUM COKE-----	715,431	91		715,340	
2921 LIQUEFIED GASES-----	7,124	7,118	6		
2951 ASPHALT BUILDING MATERIALS-----	218	218			
2991 PETROLEUM AND COAL PROD, NEC-----	455,859	410,571		45,282	6
RUBBER & MISC. PLASTIC PRODUCTS					
3011 RUBBER AND MISC PLASTIC PROD-----	78,706	77,980	726		
LEATHER & LEATHER PRODUCTS					
3111 LEATHER AND LEATHER PRODUCTS-----	12,287	12,287			
STONE, CLAY, GLASS, & CONCRETE PROD.					
3211 GLASS AND GLASS PRODUCTS-----	25,705	20,499		5,206	
3241 BUILDING CEMENT-----	193,807	16,731	384	176,692	
3251 STRUCTURAL CLAY PRODUCTS-----	52,958	52,958			
3271 LIME-----	24,254	747		23,507	
3281 CUT STONE AND STONE PRODUCTS-----	16,676	16,676			
3291 MISC NONMETALLIC MINERAL PROD-----	19,405	14,387	63	4,955	
PRIMARY METAL PRODUCTS					
3311 PIG IRON-----	85,976	317		85,659	
3312 SLAG-----	192,489	244		192,245	
3314 IRON AND STEEL PRIMARY FORMS-----	714,499	8,775	1,145	704,552	27
3315 IRON, STEEL SHAPES, EXC SHEET-----	614,948	54,784		560,152	12
3316 IRON AND STEEL PLATES, SHEETS-----	529,507	3,563		525,808	96
3317 IRON AND STEEL PIPE AND TUBE-----	206,219	27,452	2	178,162	603
3318 FERROALLOYS-----	742,426	20,126		742,195	105
3319 IRON AND STEEL PRODUCTS, NEC-----	269,819	2,423	182	267,214	
3321 NONFERROUS METALS, NEC-----	11,691	4,056		7,635	
3322 COPPER ALLOYS, UNWORKED-----	41,971	10,298		31,669	4

TABLE 6--REGULATED TON-MILES: COMMODITY BY TYPE OF TRAFFIC, CALENDAR YEAR 1987--CONTINUED

(IN THOUSANDS)

COMMODITY	TOTAL	COASTWISE	LAKEWISE	INTERNAL	LOCAL
PRIMARY METAL PRODUCTS (CONTINUED)					
3323 LEAD AND ZINC, UNWORKED-----	34,754	3,139	-----	31,612	3
3324 ALUMINUM AND ALLOYS, UNWORKED-----	45,726	14,712	-----	31,010	4
FABRICATED METAL PRODUCTS, EXCEPT ORONANCE, MACHINERY, & TRANS. EQUIP.					
3411 FABRICATED METAL PRODUCTS-----	135,856	91,938	1,441	42,477	-----
MACHINERY, EXCEPT ELECTRICAL					
3511 MACHINERY, EXCEPT ELECTRICAL-----	103,447	87,038	25	16,384	-----
ELECTRICAL MACHINERY, EQUIPMENT & SUPPLIES					
3611 ELECTRICAL MACH AND EQUIP-----	55,429	55,358	-----	71	-----
TRANSPORTATION EQUIPMENT:					
3711 MOTOR VEHICLES, PARTS, EQUIP-----	78,895	76,418	-----	2,477	-----
3721 AIRCRAFT AND PARTS-----	1,758	1,728	-----	30	-----
3731 SHIPS AND BOATS-----	1,218	1,014	-----	204	-----
3791 MISC. TRANSPORTATION EQUIPMENT-----	1,628	1,522	-----	106	-----
INSTRUMENTS, PHOTOGRAPHIC & OPTICAL GOODS, WATCHES & CLOCKS					
3811 INSTR, TIME, PHOTO, OPT. GOODS-----	5,522	5,520	-----	2	-----
MISC. PRODUCTS OF MANUFACTURING					
3911 MISC MANUFACTURED PRODUCTS-----	59,054	57,898	-----	1,156	-----
WASTE & SCRAP MATERIALS					
4011 IRON AND STEEL SCRAP-----	692,496	43,586	-----	648,832	78
4012 NONFERROUS METAL SCRAP-----	8,376	6,740	-----	1,636	-----
4022 TEXTILE WASTE, SCRAP, SWEEP-----	4,288	4,288	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	765	765	-----	-----	-----
4029 WASTE AND SCRAP, NEC-----	13,680	98	1	13,581	-----
SPECIAL ITEMS					
4111 WATER-----	2,480	-----	-----	2,480	-----
4112 COMMODITIES, NEC-----	1,960,347	1,952,095	110	8,142	-----

WATER CARRIAGE TON-MILES

TABLE 7--EXEMPT, FOR HIRE TON-MILES COMMODITY BY TYPE OF TRAFFIC, CALENDAR YEAR 1987
(IN THOUSANDS)

COMMODITY	TOTAL	COASTWISE	LAKEWISE	INTERNAL	LOCAL
TOTAL	635,184,158	379,545,441	18,785,951	215,942,670	910,096
FARM PRODUCTS					
0101 COTTON, RAW	3,050	794		2,256	
0102 BARLEY AND RYE	274,832			274,832	
0103 CORN	36,875,650	256,607		36,616,624	2,419
0104 OATS	158,120	4,217		153,903	
0105 RICE	635,859	133,394		502,465	
0106 SORGHUM GRAINS	1,305,554			1,305,554	
0107 WHEAT	6,754,198	176,559	446,766	6,130,521	350
0111 SOYBEANS	18,670,212	5,492		18,662,337	2,383
0119 OILSEEDS, NEC	24,551			24,551	
0121 TOBACCO, LEAF	269	269			
0122 HAY AND FODDER	6,658	947		5,711	
0129 FIELD CROPS, NEC	22,633	20,405		2,228	
0131 FRESH FRUITS	291,185	291,185			
0132 BANANAS AND PLANTAINS	13,763	13,763			
0133 COFFEE	8,781	8,781			
0134 COCOA BEANS	148	148			
0141 FRESH AND FROZEN VEGETABLES	486,854	479,204		7,570	
0151 LIVE ANIMALS	12,821	12,821			
0161 ANIMALS AND PRODUCTS, NEC	25,941	25,423		518	
0191 MISCELLANEOUS FARM PRODUCTS	31,248	28,287		2,961	
FOREST PRODUCTS					
0841 CRUDE RUBBER AND ALLIED GUMS	1,952	1,952			
0861 FOREST PRODUCTS, NEC	19,226	19,226			
FRESH FISH & OTHER MARINE PRODUCTS					
0911 FRESH FISH, EXCEPT SHELLFISH	45,188	43,908	3	1,276	1
0912 SHELLFISH, EXCEPT PREPARED	14,933	13,560		1,373	
0931 MARINE SHELLS, UNMANUFACTURED	69,243			69,243	
METALLIC ORES					
1011 IRON ORE AND CONCENTRATES	22,571,973	26	21,923,605	647,649	493
1021 COPPER ORE AND CONCENTRATES	62,906			62,906	
1051 ALUMINUM ORES, CONCENTRATES	295,244			295,244	
1061 MANGANESE ORES, CONCENTRATES	197,310	565		196,745	
1091 NONFERROUS ORES, CONCENT, NEC	415,531	6,249		409,282	
COAL					
1121 COAL AND LIGNITE	76,905,964	5,559,671	9,073,077	62,225,198	48,018
CRUDE PETROLEUM					
1311 CRUDE PETROLEUM	273,923,257	269,088,481	81	4,783,101	51,594
NONMETALLIC MINERALS, EXCEPT FUELS					
1411 LIMESTONE	6,448,821	3,777	5,483,433	961,611	
1412 BUILDING STONE, UNWORKED	92	92			
1442 SAND, GRAVEL, CRUSHED ROCK	3,799,903	130,273	241,876	3,344,812	82,942
1451 CLAY	130,876	6,339		123,660	877
1471 PHOSPHATE ROCK	4,330,309	4,306,059		24,250	
1479 NATURAL FERTILIZER MATS, NEC	4,119			4,119	
1491 SALT	4,467,955	127,380	159,275	4,176,388	4,912
1492 SULPHUR, DRY	20,224	20,224			
1493 SULPHUR, LIQUID	2,028,655	1,761,433		263,819	3,403
1494 GYPSUM, CRUDE AND PLASTERS	496,925	24,145	333,937	137,943	
1499 NONMETALLIC MINERALS, NEC	269,013	10,681		256,466	1,866
ORDNANCE & ACCESSORIES					
1911 ORDNANCE AND ACCESSORIES	1,177	1,177			
FOOD & KINDRED PRODUCTS					
2011 MEAT, FRESH, CHILLED, FROZEN	514,454	514,454			
2012 MEAT AND PRODUCTS, NEC	59,849	59,849			
2014 TALLOW, ANIMAL FATS AND OILS	96,365	16,630		77,731	
2015 ANIMAL BY-PRODUCTS, NEC	4,272	1,779		2,493	
2021 DAIRY PRODUCTS, NEC	90,113	90,113			
2022 DRIED MILK AND CREAM	13,381	13,381			
2031 FISH AND SHELLFISH, PREPARED	234,522	234,367		155	
2034 VEGETABLES AND PREP, NEC	341,068	336,051		5,017	
2039 PREP FRUIT AND VEG JUICE, NEC	832,058	832,058			
2041 WHEAT FLOUR AND SEMOLINA	37,278	37,116		162	
2042 ANIMAL FEEDS	9,170,511	259,802		8,906,726	3,983
2049 GRAIN MILL PRODUCTS, NEC	4,215,641	73,117		4,142,524	
2061 SUGAR	4,418,250	4,261,052		157,198	
2062 MOLASSES	817,824	323,000		494,641	183
2081 ALCOHOLIC BEVERAGES	471,737	471,732		5	
2091 VEGETABLE OILS, MARG, SHORT	855,514	142,446		712,290	778
2092 ANIMAL OILS AND FATS, NEC	18,517	92		18,425	
2094 GROCERIES	815,818	815,411		407	
2095 ICE	1,976	160		1,811	5
2099 MISCELLANEOUS FOOD PRODUCTS	1,764,361	1,738,504	1,008	24,849	
TOBACCO PRODUCTS					
2111 TOBACCO MANUFACTURES	29,504	29,504			

TABLE 7--EXEMPT, FOR HIRE TON-MILES COMMODITY BY TYPE OF TRAFFIC, CALENDAR YEAR 1987--CONTINUED
(IN THOUSANDS)

COMMODITY	TOTAL	COASTWISE	LAKENISE	INTERNAL	LOCAL
BASIC TEXTILES					
2211 BASIC TEXTILE PRODUCTS	65,629	61,244		4,385	
2212 TEXTILE FIBERS, NEC	15,370	12,681		2,689	
APPAREL & OTHER FINISHED TEXTILE PRODUCTS, INCLUDING KNIT					
2311 APPAREL	110,958	110,958			
LUMBER & WOOD PRODS., EXC. FURNITURE					
2411 LOGS	98,691	2,837		95,854	
2412 RAFTED LOGS	520,362	1,296		485,137	33,929
2413 FUEL WOOD, CHARCOAL, WASTES	44,476	32,500		11,976	
2414 TIMBER, POSTS, POLES, PILING	40,794	39,675	46	1,070	3
2415 PULWOOD, LOGS	36,698	526		36,172	
2416 WOOD CHIPS, STAVES, MOLDINGS	433,138			430,762	2,376
2421 LUMBER	920,420	908,852		11,568	
2431 VENEER, PLYWOOD, WORKED WOOD	194,458	141,990		52,468	
2491 WOOD MANUFACTURES, NEC	189,338	189,265		73	
FURNITURE & FIXTURES					
2511 FURNITURE AND FIXTURES	376,544	376,522		22	
PULP, PAPER & ALLIED PRODUCTS					
2611 PULP	94,448	64,594		29,854	
2621 STANDARD NEWSPRINT PAPER	60,852	8,908		51,944	
2631 PAPER AND PAPERBOARD	213,704	130,854		82,850	
2691 PULP AND PAPER PRODUCTS, NEC	544,144	506,398		37,746	
PRINTED MATTER					
2711 PRINTED MATTER	33,169	33,169			
CHEMICALS & ALLIED PRODUCTS					
2810 SODIUM HYDROXIDE	2,766,726	2,020,103	2,872	741,671	2,080
2811 CRUDE TAR, OIL, GAS PRODUCTS	792,431	115,965	4,816	670,639	1,011
2812 DYES, PIGMENT, TANNING MATS	126	126			
2813 ALCOHOLS	2,933,040	1,324,590		1,604,722	4,534
2816 RADIOACTIVE MATERIALS, WASTES	2,041	2,041			
2817 BENZENE AND TOLUENE	1,670,841	747,775		907,514	15,552
2818 SULPHURIC ACID	55,128	20,739		33,724	665
2819 BASIC CHEMICALS AND PROD, NEC	15,794,208	6,234,785	9,926	9,535,369	14,128
2821 PLASTIC MATERIALS	114,185	106,474		7,711	
2822 SYNTHETIC RUBBER	8,071	216		7,855	
2823 SYNTHETIC (MAN-MADE) FIBERS	5,956	5,956			
2831 DRUGS	55,838	55,838			
2841 SOAP	188,710	180,580		6,138	
2851 PAINTS	54,526	54,519		7	
2861 GUM AND WOOD CHEMICALS	399,743	350,319		49,325	
2871 NITROGENOUS CHEM FERTILIZERS	4,293,165	1,013,659	3,225	3,274,816	1,465
2872 POTASSIUM CHEM FERTILIZERS	1,196,312	95,886		1,099,840	584
2873 PHOSPHATIC CHEM FERTILIZERS	561,825	49,353		510,401	2,071
2876 INSECTICIDES, DISINFECTANTS	15,663	15,650		13	
2879 FERTILIZER AND MATERIALS, NEC	4,165,129	238,522		3,919,097	7,510
2891 MISCELLANEOUS CHEMICAL PROD	247,909	111,647		136,222	40
PETROLEUM & COAL PRODUCTS					
2911 GASOLINE	28,465,441	21,731,868	79,155	6,496,195	158,223
2912 JET FUEL	4,947,414	3,925,025	764	1,019,290	2,335
2913 KEROSENE	906,765	744,658	1,248	155,858	5,201
2914 DISTILLATE FUEL OIL	19,562,007	15,995,006	30,689	3,403,420	152,892
2915 RESIDUAL FUEL OIL	24,120,050	18,071,028	69,272	5,757,554	222,196
2916 LUBRICATING OILS AND GREASES	3,802,121	2,104,194	1,004	1,695,334	1,509
2917 NAPHTHA, PETROLEUM SOLVENTS	2,159,599	1,196,051	53	953,841	9,654
2918 ASPHALT, TAR, AND BITUMENS	4,665,617	1,490,889	185,724	2,978,169	10,835
2920 COKE, PETROLEUM COKE	3,575,526	93	114,734	3,438,319	22,380
2921 LIQUEFIED GASES	110,562	8,041	3	102,518	
2951 ASPHALT BUILDING MATERIALS	45,398	45,398			
2991 PETROLEUM AND COAL PROD, NEC	800,409	487,948		310,477	1,984
RUBBER & MISC. PLASTIC PRODUCTS					
3011 RUBBER AND MISC PLASTIC PROD	187,806	187,761		45	
LEATHER & LEATHER PRODUCTS					
3111 LEATHER AND LEATHER PRODUCTS	28,997	28,997			
STONE, CLAY, GLASS, & CONCRETE PROD.					
3211 GLASS AND GLASS PRODUCTS	31,590	30,067		1,523	
3241 BUILDING CEMENT	2,605,112	73,942	447,897	2,070,216	13,057
3251 STRUCTURAL CLAY PRODUCTS	37,946	19,841		18,105	
3271 LIME	623,882	3,206		620,676	
3281 CUT STONE AND STONE PRODUCTS	9,877	9,127		750	
3291 MISC NONMETALLIC MINERAL PROD	315,110	287,147		27,963	
PRIMARY METAL PRODUCTS					
3311 PIG IRON	107,919			107,919	
3312 SLAG	489,787	21,336	170,758	297,693	
3313 COKE, PET ASPHALTS, SOLVENTS	90	88		2	
3314 IRON AND STEEL PRIMARY FORMS	835,709	10,990		824,557	162
3315 IRON, STEEL SHAPES, EXC SHEET	1,677,683	16,576		1,661,061	46

WATER CARRIAGE TON-MILES

TABLE 7--EXEMPT, FOR HIRE TON-MILES COMMODITY BY TYPE OF TRAFFIC, CALENDAR YEAR 1987--CONTINUED

(IN THOUSANDS)

COMMODITY	TOTAL	COASTWISE	LAKEWISE	INTERNAL	LOCAL
PRIMARY METAL PRODUCTS (CONTINUED)					
3316 IRON AND STEEL PLATES, SHEETS-----	192,547	43,132	1	149,386	28
3317 IRON AND STEEL PIPE AND TUBE-----	386,739	49,680		337,014	45
3318 FERROALLOYS-----	613,689			613,660	29
3319 IRON AND STEEL PRODUCTS, NEC-----	215,564	65,484		150,080	
3321 NONFERROUS METALS, NEC-----	9,985	4,263		5,714	8
3322 COPPER ALLOYS, UNWORKED-----	7,647	1,596		6,051	
3323 LEAD AND ZINC, UNWORKED-----	73,067	436		72,631	
3324 ALUMINUM AND ALLOYS, UNWORKED-----	29,067	1,258		27,809	
FABRICATED METAL PRODUCTS, EXCEPT ORDNANCE, MACHINERY, & TRANS. EQUIP.					
3411 FABRICATED METAL PRODUCTS-----	703,452	664,024	108	38,923	397
MACHINERY, EXCEPT ELECTRICAL					
3511 MACHINERY, EXCEPT ELECTRICAL-----	297,929	232,708		65,119	102
ELECTRICAL MACHINERY, EQUIPMENT & SUPPLIES					
3611 ELECTRICAL MACH AND EQUIP-----	139,452	135,639		3,813	
TRANSPORTATION EQUIPMENT					
3711 MOTOR VEHICLES, PARTS, EQUIP-----	600,442	592,028	58	8,356	
3721 AIRCRAFT AND PARTS-----	1,990	262		1,728	
3731 SHIPS AND BOATS-----	14,959	13,516		1,443	
3791 MISC. TRANSPORTATION EQUIPMENT-----	26,942	26,875		67	
INSTRUMENTS, PHOTOGRAPHIC & OPTICAL GOODS, WATCHES & CLOCKS					
3811 INSTR. TIME, PHOTO, OPT GOODS-----	45,445	45,445			
MISC. PRODUCTS OF MANUFACTURING					
3911 MISC. MANUFACTURED PRODUCTS-----	518,716	507,561		11,146	9
WASTE & SCRAP MATERIALS					
4011 IRON AND STEEL SCRAP-----	1,854,619	22,871		1,827,567	4,181
4012 NONFERROUS METAL SCRAP-----	16,976	7,763		9,213	
4022 TEXTILE WASTE, SCRAP, SWEEP-----	3,777	3,777			
4024 PAPER WASTE AND SCRAP-----	283	281		2	
4029 WASTE AND SCRAP, NEC-----	593,456	36,808		544,794	11,854
SPECIAL ITEMS					
4111 WATER-----	5,001	548		4,260	193
4112 COMMODITIES, NEC-----	2,439,181	2,396,979	335	39,825	2,442

TABLE 8--PRIVATE CARRIAGE TON-MILES COMMODITY BY TYPE OF TRAFFIC, CALENDAR YEAR: 1987

(IN THOUSANDS)

COMMODITY	TOTAL	COASTWISE	LAKEWISE	INTERNAL	LOCAL
TOTAL	251,149,110	198,640,090	11,273,320	20,975,810	259,890
FARM PRODUCTS					
0102 BARLEY AND RYE	12,308			12,308	
0103 CORN	1,199,023			1,199,023	
0104 OATS	963			963	
0105 RICE	8,558			8,558	
0106 SORGHUM GRAINS	157,548			157,548	
0107 WHEAT	445,254		130,545	314,709	
0111 SOYBEANS	818,192			818,130	62
FRESH FISH & OTHER MARINE PRODUCTS					
0911 FRESH FISH, EXCEPT SHELLFISH	21,957	4		21,940	13
0912 SHELLFISH, EXCEPT PREPARED	9,005	129		8,822	46
0931 MARINE SHELLS, UNMANUFACTURED	430,702			430,702	
METALLIC ORES					
1011 IRON ORE AND CONCENTRATES	8,859,803		8,859,346		457
1051 ALUMINUM ORES, CONCENTRATES	10,159			10,159	
COAL					
1121 COAL AND LIGNITE	565,340	163,810	216,631	177,900	6,999
CRUDE PETROLEUM					
1311 CRUDE PETROLEUM	149,045,125	148,400,156		636,809	8,160
NONMETALLIC MINERALS, EXCEPT FUELS					
1411 LIMESTONE	1,924,944		1,202,125	722,532	287
1442 SAND, GRAVEL, CRUSHED ROCK	2,224,311	4,328	478	2,170,138	49,367
1451 CLAY	13,897	3		13,061	833
1471 PHOSPHATE ROCK	48,001	48,001			
1491 SALT	238,920	5,734	154,560	78,626	
1493 SULPHUR, LIQUID	907,872	858,897		48,263	712
1494 GYPSUM, CRUDE AND PLASTERS	99,072	64		99,008	
1499 NONMETALLIC MINERALS, NEC	4,789			4,774	15
FOOD & KINDRED PRODUCTS					
2011 MEAT, FRESH, CHILLED, FROZEN	42	42			
2031 FISH AND SHELLFISH, PREPARED	44,353	44,353			
2039 PREP. FRUIT AND VEG JUICE, NEC	66	66			
2042 ANIMAL FEEDS	241,373			241,373	
2049 GRAIN MILL PRODUCTS, NEC	485,530			485,530	
2062 MOLASSES	34,802			34,802	
2091 VEGETABLE OILS, MARG, SHORT	116,610			116,610	
2092 ANIMAL OILS AND FATS, NEC	242				242
2094 GROCERIES	63	63			
2095 ICE	72				72
2099 MISCELLANEOUS FOOD PRODUCTS	5,509	25		5,407	77
LUMBER & WOOD PRODS, EXC. FURNITURE					
2411 LOGS	48,177			47,942	235
2412 RAFTED LOGS	10,338	49		10,116	173
2413 FUEL WOOD, CHARCOAL, WASTES	3,209			3,209	
2414 TIMBER, POSTS, POLES, PILING	268				3
2415 PULP WOOD, LOGS	267,007			265,818	1,189
2416 WOOD CHIPS, STAVES, HOLDINGS	64,852			64,852	
2421 LUMBER	156			156	
2431 VENEER, PLYWOOD, WORKED WOOD	3			3	
2491 WOOD MANUFACTURES, NEC	412	2		409	1
PULP, PAPER & ALLIED PRODUCTS					
2611 PULP	1,212	1,212			
2691 PULP AND PAPER PRODUCTS, NEC	8,463	8,463			
CHEMICALS & ALLIED PRODUCTS					
2810 SODIUM HYDROXIDE	1,595,406	6,417		1,587,900	1,089
2811 CRUDE TAR, OIL, GAS PRODUCTS	78,643	1,697		76,946	
2813 ALCOHOLS	733,742	260,412		471,173	2,157
2816 RADIOACTIVE MATERIALS, WASTES	773			773	
2817 BENZENE AND TOLUENE	733,254	387,118	24,789	320,141	1,206
2818 SULPHURIC ACID	236,618	13,537		218,039	5,042
2819 BASIC CHEMICALS AND PROD, NEC	5,077,737	2,675,473		2,395,848	6,416
2821 PLASTIC MATERIALS	91			91	
2871 NITROGENOUS CHEM FERTILIZERS	335,817			335,746	71
2872 POTASSIC CHEM FERTILIZERS	1,928			1,928	
2873 PHOSPHATIC CHEM FERTILIZERS	84,850	66,818		18,032	
2879 FERTILIZER AND MATERIALS, NEC	678,620	415,803		262,811	6
2891 MISCELLANEOUS CHEMICAL PROD	606,961	526,758		80,223	
PETROLEUM & COAL PRODUCTS					
2911 GASOLINE	12,230,839	9,803,990	134,178	2,260,019	32,652
2912 JET FUEL	2,017,166	1,700,801		315,094	1,271
2913 KEROSENE	1,187,015	1,153,760		32,818	437
2914 DISTILLATE FUEL OIL	10,291,728	9,056,294	45,842	1,161,943	28,149
2915 RESIDUAL FUEL OIL	17,625,290	16,663,019	277	947,569	14,425
2916 LUBRICATING OILS AND GREASES	4,178,823	3,693,372		485,265	186
2917 NAPHTHA, PETROLEUM SOLVENTS	1,879,874	1,508,778		368,615	2,481
2918 ASPHALT, TAR, AND PITCHES	651,840	233,313		366,191	1,336

TABLE B--PRIVATE CARRIAGE TON-MILES COMMODITY BY TYPE OF TRAFFIC, CALENDAR YEAR 1987--CONTINUED
(IN THOUSANDS)

COMMODITY	TOTAL	COASTWISE	LAKEWISE	INTERNAL	LOCAL
PETROLEUM & COAL PRODUCTS (CONTINUED)					
2920 COKE, PETROLEUM COKE-----	31,016		28,559	2,457	
2921 LIQUEFIED GASES-----	550,680	190,799		359,749	132
2991 PETROLEUM AND COAL PROD, NEC-----	85,799	84,991		808	
STONE, CLAY, GLASS, & CONCRETE PROD.					
3241 BUILDING CEMENT-----	1,388,255	553,524	398,679	433,500	2,552
3271 LIME-----	94,075			94,075	
3291 MISC. NONMETALLIC MINERAL PROD-----	18,668			18,583	85
PRIMARY METAL PRODUCTS					
3312 SLAG-----	85,119	6,603	77,311	1,205	
3314 IRON AND STEEL PRIMARY FORMS-----	479			479	
3315 IRON, STEEL SHAPES, EXC SHEET-----	146			144	2
3317 IRON AND STEEL PIPE AND TUBE-----	16,332			16,287	45
FABRICATED METAL PRODUCTS, EXCEPT ORDNANCE, MACHINERY, & TRANS. EQUIP.					
3411 FABRICATED METAL PRODUCTS-----	8,580	6,882		1,584	114
MACHINERY, EXCEPT ELECTRICAL					
3511 MACHINERY, EXCEPT ELECTRICAL-----	9,329	4,405		4,891	33
ELECTRICAL MACHINERY, EQUIPMENT & SUPPLIES					
3611 ELECTRICAL MACH AND EQUIP-----	21			21	
TRANSPORTATION EQUIPMENT					
3711 MOTOR VEHICLES, PARTS, EQUIP-----	27	2		25	
3731 SHIPS AND BOATS-----	18			18	
3791 MISC. TRANSPORTATION EQUIPMENT-----	43			43	
MISC. PRODUCTS OF MANUFACTURING					
3911 MISC. MANUFACTURED PRODUCTS-----	20,230	4,088		16,142	
WASTE & SCRAP MATERIALS					
4011 IRON AND STEEL SCRAP-----	4,285	1,537		1,614	1,134
4029 WASTE AND SCRAP, NEC-----	194,847	13,753		91,131	89,963
SPECIAL ITEMS					
4111 WATER-----	15,526	9		15,492	25
4112 COMMODITIES, NEC-----	20,098	19,736		354	8

