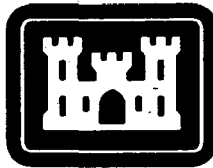


WATERBORNE COMMERCE OF THE UNITED STATES

Calendar Year 1989

PART 5
NATIONAL SUMMARIES

CZIC COLLECTION



DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS
WATER RESOURCES SUPPORT CENTER
WRSC-WCUS-89-5

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**WATERBORNE COMMERCE
OF THE UNITED STATES
CALENDAR YEAR 1989**

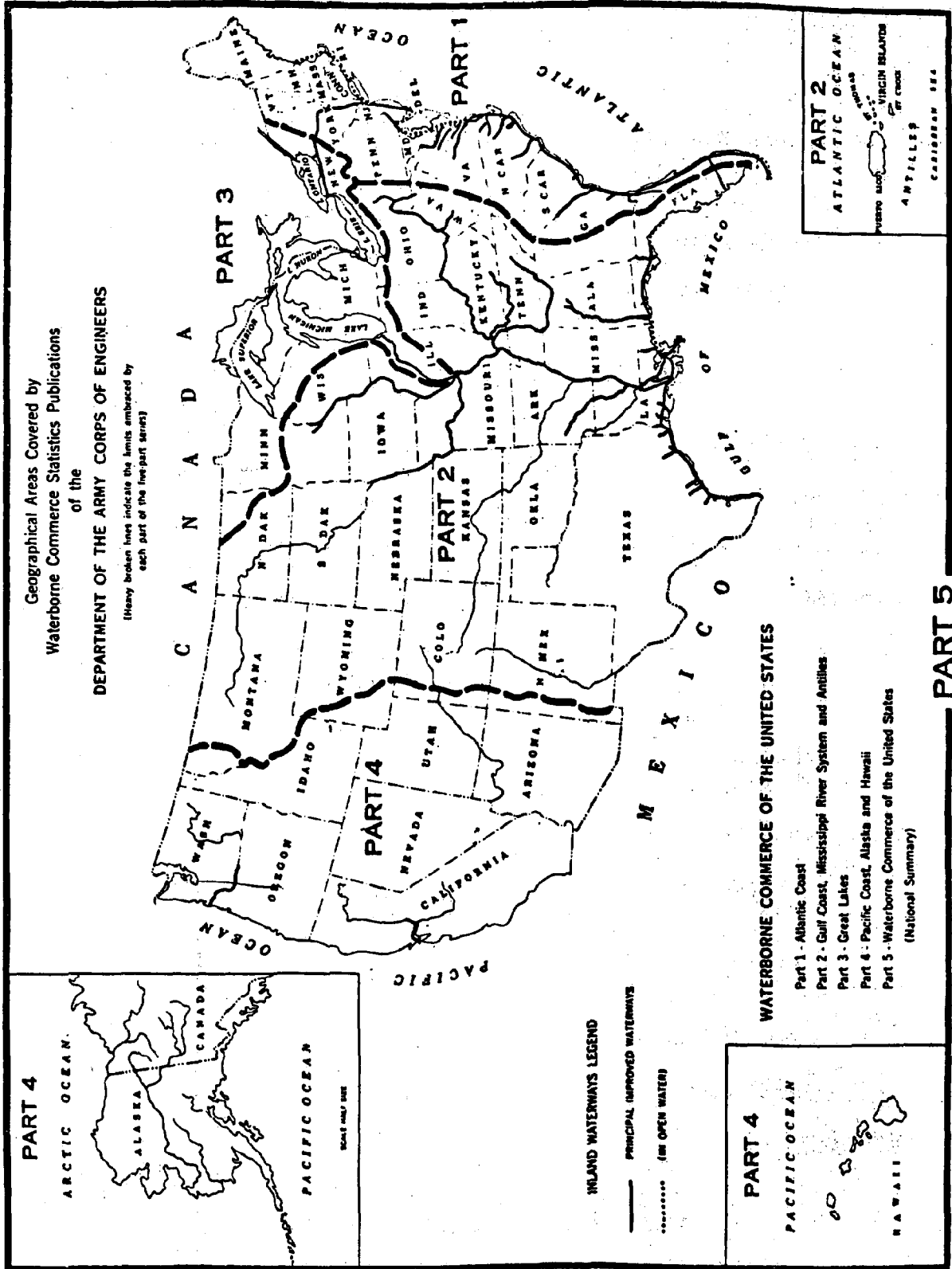
**PART 5
NATIONAL SUMMARIES**

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

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INTRODUCTION

VII

This publication is one of a series containing statistics on the waterborne commerce of the United States during the calendar year 1989. 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 1989 but not reported to the Corps of Engineers until after 28 February 1990 will be included in the next year's, 1990, statistics rather than in this publication, while reports of movements completed in 1988 but reported to the Corps after 28 February 1989 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 1989 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 1989 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, 1989

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.

Intracountry 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 1989. 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.

INTRODUCTION

IX

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	2094	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	Rafted 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
1031	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		

X

Waterborne Commerce of the United States, 1989

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	3411	Fabricated metal products, except ordnance, machinery, and transportation equipment
2879	Fertilizers and fertilizer materials, not elsewhere classified		
2891	Miscellaneous chemical products		
Group 29-Petroleum and Coal Products		Group 35-Machinery, Except Electrical	
2911	Gasoline, including natural gasoline	3511	Machinery, except electrical
2912	Jet fuel	Group 36-Electrical Machinery, Equipment and Supplies	
2913	Kerosene	3611	Electrical machinery equipment and supplies
2914	Distillate fuel oil		
2915	Residual fuel oil		
2916	Lubricating oils and greases		
2917	Naphtha, mineral spirits, solvents, not elsewhere classified	Group 37-Transportation Equipment	
2918	Asphalt, tar, and pitches	3711	Motor vehicles, parts and equipment
2920	Coke, including petroleum coke	3721	Aircraft and parts
2921	Liquefied petroleum gases, coal gases, natural gas, and natural gas liquids	3731	Ships and boats
2951	Asphalt building materials	3791	Miscellaneous transportation equipment
2991	Petroleum and coal products, not elsewhere classified	Group 38-Instruments, Photographic and Optical Goods, Watches and Clocks	
Group 30-Rubber and Miscellaneous Plastic Products		3811	Instruments, photographic and optical goods, watches and clocks
3011	Rubber and miscellaneous plastic products	Group 39-Miscellaneous Products of Manufacturing	
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	*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.	
3316	Iron and steel plates and sheets		
3317	Iron and steel pipe and tube		
3318	Ferroalloys		
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		

SECTION 1

NATIONAL SUMMARIES

TOTAL UNITED STATES WATERBORNE TRAFFIC
Millions of Tons

<u>CATEGORY</u>	<u>1988</u>	<u>1989</u>	<u>% Change*</u>
GRAND TOTAL Tons	2088.0	2140.4**	+2.5
TOTAL Domestic Tons	1111.8	1102.5	-0.8
Coastwise	325.2	302.0	-7.1
Lakewise	109.7	109.1	-0.5
Internal	588.1	606.0**	+3.0
Local	83.7	80.2	-4.2
Intraterritory	5.1	5.2	+2.0
TOTAL Foreign Tons	976.2	1037.9**	+6.3
Imports	549.9	589.5	+7.2
Exports	426.3	448.4**	+5.2

SUMMARY OF BARGE TRAFFIC
Millions of Tons

<u>TRAFFIC</u>	<u>1988</u>	<u>1989</u>	<u>% Change*</u>
Coastwise	95.3	90.0	-5.6
Lakewise	4.5	3.9	-13.3
Internal	563.9	573.1	+1.6
Local	72.2	71.7	-0.7
Intraterritory	5.0	4.5	-10.0
TOTAL	740.9	743.2**	+0.3

* % change from 1988

** All-time high

SUMMARY

PRINCIPAL COMMODITIES IN WATERBORNE COMMERCE
Millions of Tons

	Total Commerce Foreign & Domestic		Foreign Commerce		Domestic Commerce	
	<u>1989</u>	<u>% Change*</u>	<u>1989</u>	<u>% Change*</u>	<u>1989</u>	<u>% Change*</u>
Chemicals	136.6	- 7.7	68.8	- 9.5	67.8	- 5.8
Coal and coke	332.5	+ 3.9	121.6	+ 4.4	210.8	+ 3.6
Grains	170.1	+ 8.3	113.2	+ 6.7	57.1	+12.2
Iron Ore, iron and steel	125.8	- 0.2	56.1	+ 2.4	69.7	- 2.1
Logs and lumber	57.3	- 2.2	36.1	- 5.5	21.2	+ 3.9
Petroleum and products	895.1	+ 4.1	431.5	+13.7	463.5	- 3.5
Sand, gravel and stone	101.1	- 5.2	10.7	- 1.8	90.4	- 5.6
All other commodities	321.9	+ 3.2	199.9	+ 2.9	122.0	+ 3.7
TOTAL TONNAGE	2140.4**	+ 2.5	1037.9	+ 6.3	1102.5	- 0.8

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, & 2920.

Grains - 0102-0107.

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

Logs and Lumber - 0816, 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.

* % Change from 1988

** All-time high.

NATIONAL SUMMARIES

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TABLE 1--NET TOTAL WATERBORNE COMMERCE OF THE UNITED STATES, CALENDAR YEARS 1947-1989

(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	793,200,485	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	1,016,135,785	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	308,050,798	696,464,978
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	1,127,404,375	350,599,030	776,805,345
1963	1,173,766,964	385,658,999	788,107,965
1964	1,236,093,573	421,925,133	814,168,440
1965	1,272,696,243	443,726,809	829,169,434
1966	1,334,116,078	471,391,083	862,724,995
1967	1,336,606,078	465,972,238	870,633,840
1968	1,395,839,450	507,950,002	887,889,448
1969	1,448,711,541	521,312,362	927,399,179
1970	1,531,696,507	580,969,133	950,727,374
1971	1,512,583,690	565,985,584	946,598,106
1972	1,616,792,605	629,980,844	986,811,761
1973	1,761,552,010	767,393,903	994,158,107
1974	1,749,788,544	764,088,905	985,699,639
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	935,258,813	972,964,806
1978	2,021,349,754	948,057,889	1,073,291,865
1979	2,073,757,628	993,444,963	1,080,312,665
1980	1,998,687,402	921,404,000	1,077,283,402
1981	1,941,558,947	887,102,150	1,054,456,797
1982	1,775,740,579	819,730,983	957,009,596
1983	1,707,661,011	751,180,194	956,520,817
1984	1,836,020,619	803,338,133	1,032,682,486
1985	1,788,434,822	774,323,283	1,014,111,539
1986	1,874,416,280	837,223,503	1,037,192,777
1987	1,967,458,261	890,980,045	1,076,478,216
1988	2,087,933,484	976,220,985	1,111,712,499
1989	2,140,442,372	1,037,910,215	1,102,532,159

TABLE 1A--FOREIGN COMMERCE OF THE UNITED STATES, CALENDAR YEARS 1947-1989

(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
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	43,405
1949	81,992,016	77,153,286	4,774,784	63,966	85,366,265	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
1951	108,747,297	101,812,739	6,827,244	107,234	123,308,535	97,602,937	25,715,518	103,667
1952	113,761,025	108,674,301	7,152,087	134,637	111,365,252	85,072,313	26,129,081	114,679
1953	127,781,407	120,594,892	7,056,629	329,886	89,415,082	63,780,288	25,415,354	180,663
1954	123,423,809	123,503,218	5,748,884	171,707	84,420,881	65,261,997	18,928,498	209,587
1955	152,956,997	149,376,212	8,439,125	246,610	118,145,985	95,404,261	22,379,779	286,371
1956	176,214,360	163,308,893	10,572,643	292,824	152,475,429	126,448,189	25,710,863	281,334
1957	186,351,843	176,235,956	9,885,526	230,361	172,187,707	140,869,757	24,984,574	268,273
1958	189,484,551	181,480,343	7,656,590	347,618	119,366,247	101,554,806	17,829,825	360,159
1959	213,485,323	198,607,603	13,794,435	1,083,285	112,184,616	91,629,487	17,700,427	2,833,118
1960	211,316,497	198,465,746	11,973,655	877,116	127,960,778	104,910,455	19,168,514	3,981,809
1961	200,165,652	189,179,228	11,007,197	979,227	129,164,166	105,959,031	18,801,857	4,403,278
1962	222,689,901	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	16,495,542	1,510,798	158,283,328	129,781,571	24,455,159	4,046,618
1964	248,585,715	224,433,206	22,118,397	2,034,112	173,339,418	142,874,452	24,666,892	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	283,847,500	257,173,478	22,585,271	4,088,551	187,543,783	155,759,571	24,905,662	6,876,750
1967	275,765,191	248,245,275	23,269,304	4,450,512	190,007,407	162,443,124	21,896,595	5,667,328
1968	310,936,331	278,826,933	25,658,847	6,450,551	197,013,671	166,579,691	24,444,154	5,989,826
1969	320,293,054	295,647,991	19,770,247	4,874,886	201,019,278	168,944,254	25,335,730	6,839,294
1970	339,339,772	312,933,583	21,620,193	3,385,996	241,629,361	205,697,712	29,148,465	6,785,184
1971	359,745,800	335,776,713	19,104,708	6,864,419	206,239,734	172,756,007	24,757,317	6,723,620
1972	397,565,612	372,417,770	18,861,084	6,280,758	232,015,232	197,430,445	25,552,496	9,632,291
1973	490,088,015	461,828,145	22,988,904	5,270,966	277,305,888	238,807,467	26,433,708	10,062,713
1974	497,282,811	473,940,012	19,027,376	4,315,423	266,800,094	238,886,754	23,942,797	4,776,370
1975	476,572,516	455,117,218	18,121,886	3,333,432	272,134,691	236,707,996	26,707,321	6,719,574
1976	570,316,893	539,674,048	25,845,506	4,799,339	285,645,016	250,632,068	30,050,680	6,961,608
1977	658,136,893	625,308,679	25,416,264	7,411,950	277,119,920	240,784,157	27,741,857	6,593,906
1978	643,186,865	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	19,450,916	5,646,215	360,449,306	311,766,293	37,964,841	10,696,172
1980	517,521,121	502,005,866	13,414,205	2,101,050	403,882,879	358,805,981	37,216,588	7,860,310
1981	477,191,504	457,467,479	16,794,705	2,929,320	409,910,646	366,424,418	36,976,771	6,509,457
1982	416,521,434	402,511,218	11,541,473	2,568,743	403,109,549	366,825,117	29,701,691	5,582,741
1983	387,847,325	371,773,135	13,080,460	2,993,730	363,292,669	330,955,677	26,794,890	5,542,302
1984	327,139,571	309,295,162	12,922,699	4,921,710	379,198,562	335,269,229	32,886,050	6,643,283
1985	412,687,350	395,577,007	11,916,969	5,193,374	361,635,933	327,425,824	27,727,141	6,482,988
1986	486,073,468	472,230,980	9,597,544	4,244,940	351,150,039	319,163,161	25,248,154	6,736,734
1987	507,704,274	493,828,182	10,440,313	3,935,779	363,275,771	351,226,492	28,768,116	5,283,163
1988	549,897,111	534,043,106	11,720,685	4,133,320	426,324,874	389,686,249	31,551,401	9,986,224
1989	589,504,121	571,732,624	13,535,192	4,236,365	448,406,092	411,336,444	31,936,141	5,151,507

* 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, 1989

TABLE 10--DOMESTIC COMMERCE OF THE UNITED STATES, CALENDAR YEAR 1947-1989

(IN TONS OF 2,000 POUNDS)

YEAR	TOTAL	COASTWISE	LAKENISE	INTERNAL	INTRAPORT	LOCAL	INTRATERRITORY
1947	576,560,615	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	55,014,701	*
1949	575,362,690	161,430,662	165,591,656	165,702,829	48,323,356	54,314,207	*
1950	551,358,876	182,543,761	169,880,810	190,788,910	51,703,560	55,202,362	1,239,473
1951	592,072,579	186,759,124	176,463,212	213,404,964	50,952,725	61,075,892	1,416,662
1952	660,395,707	184,207,006	154,112,031	216,644,384	49,162,383	54,790,101	1,459,832
1953	706,151,204	188,757,641	188,621,385	224,957,448	47,402,038	54,650,693	1,252,999
1954	653,795,917	187,239,830	145,564,309	217,061,457	48,040,411	54,678,958	1,410,952
1955	743,032,853	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	772,861,886	196,418,553	162,150,309	281,065,531	50,188,261	60,636,183	2,403,047
1958	695,664,976	194,050,174	132,288,549	261,068,849	48,882,176	56,542,798	2,852,432
1959	726,732,163	205,509,011	131,220,380	282,266,792	49,683,204	57,063,392	**987,384
1960	760,573,156	209,146,823	155,104,237	291,056,655	49,471,054	54,722,392	1,016,995
1961	732,625,364	206,849,377	136,841,146	294,052,123	43,197,871	50,731,149	1,103,648
1962	770,805,345	215,460,882	135,743,781	315,061,877	47,918,437	54,358,792	1,261,576
1963	786,107,465	213,855,293	141,741,154	331,402,484	45,575,094	53,405,510	1,630,412
1964	816,188,440	205,687,985	151,404,618	357,916,216	43,007,185	56,572,257	1,580,199
1965	829,169,434	201,508,187	153,695,242	369,615,461	***	102,865,022	1,485,602
1966	862,724,995	208,370,466	164,036,995	389,851,631	***	99,214,579	1,256,824
1967	870,633,840	214,646,527	152,596,684	395,592,679	***	102,520,054	1,477,896
1968	887,889,446	214,258,533	151,115,938	430,174,303	***	90,750,336	1,618,338
1969	927,399,179	216,707,773	160,848,635	460,940,875	***	87,536,483	1,366,213
1970	950,727,374	238,440,365	157,056,657	472,123,417	***	81,474,805	1,629,990
1971	946,598,106	242,916,056	140,954,956	479,217,765	***	81,252,652	2,256,677
1972	966,811,761	242,660,087	145,013,420	506,989,242	***	90,266,095	1,882,917
1973	994,158,107	236,794,650	156,620,831	503,236,890	***	93,222,623	4,283,103
1974	982,699,639	233,358,124	146,067,270	511,021,976	***	88,197,576	4,054,691
1975	946,326,959	231,932,437	129,331,161	503,932,258	***	78,279,224	2,651,879
1976	979,042,910	236,278,624	132,112,775	523,972,573	***	83,731,092	2,947,846
1977	972,966,806	248,083,336	109,079,945	528,704,658	***	83,444,472	3,654,395
1978	1,075,291,865	305,342,824	142,662,552	534,508,943	***	89,506,584	3,270,902
1979	1,080,312,665	304,665,522	143,563,644	534,969,167	***	93,113,665	4,000,607
1980	1,077,483,402	329,606,613	115,124,231	534,979,027	***	94,183,696	3,587,835
1981	1,054,456,797	321,909,988	115,418,165	520,668,720	***	95,249,873	3,130,091
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	487,132,246	***	73,144,961	3,160,002
1984	1,032,062,406	307,652,127	98,010,499	542,502,695	***	81,110,680	3,406,295
1985	1,014,111,539	309,801,605	91,987,003	534,456,233	***	74,263,246	3,401,492
1986	1,037,192,777	308,024,669	87,352,525	560,499,024	***	77,557,617	3,958,942
1987	1,076,478,216	323,518,316	96,683,652	569,826,970	***	81,951,080	4,498,196
1988	1,111,772,499	325,176,659	109,664,111	588,118,666	***	83,689,494	5,123,369
1989	1,102,532,159	302,026,859	109,086,425	606,005,956	***	80,207,745	5,205,174

* 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

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TABLE 2--SUMMARY OF FOREIGN AND DOMESTIC WATERBORNE COMMERCE, BY TYPE OF TRAFFIC AND COMMODITY, CALENDAR YEAR 1989
(NET TRAFFIC IN TONS OF 2,000 POUNDS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC					
		IMPORTS	EXPORTS	TOTAL	COASTWISE	LAKEWISE	INTERNAL	LOCAL	INTNA- TERRITORY
TOTAL, ALL COMMODITIES-----	2,140,442,572	589,504,121	448,406,092	1,102,532,159	302,026,059	107,086,425	606,005,956	80,207,745	5,205,174
FARM PRODUCTS									
0101 COTTON, RAW-----	1,798,109	21,732	1,774,354	2,023	2,023	-----	-----	-----	-----
0102 BARLEY AND RYE-----	2,409,051	92,054	1,830,142	486,895	45	-----	486,810	-----	-----
0103 CORN-----	96,594,440	54,830	60,514,225	55,825,385	155,752	-----	35,657,851	11,782	-----
0104 OATS-----	1,187,053	805,881	6,151	375,051	4,024	-----	369,466	1,561	-----
0105 RICE-----	4,652,791	148,644	3,069,586	1,403,591	136,475	-----	1,271,892	-----	194
0106 SORGHUM GRAINS-----	9,779,498	-----	7,360,531	2,418,967	6,554	-----	2,409,513	2,800	-----
0107 WHEAT-----	55,788,073	194,666	39,056,828	16,536,579	190,740	1,099,239	15,204,025	42,575	-----
0111 SOYBEANS-----	28,780,932	3,063	15,967,197	12,810,672	2,181	-----	12,790,147	18,348	-----
0112 FLAXSEED-----	32,209	12,388	19,821	-----	-----	-----	-----	-----	-----
0119 OILSEEDS, NEC-----	574,108	84,058	472,044	38,038	7,725	-----	30,307	-----	-----
0121 TOBACCO, LEAF-----	479,449	204,688	272,145	2,616	2,616	-----	-----	-----	-----
0122 HAY AND FODDER-----	2,337,804	29,652	2,226,342	81,810	14,446	-----	67,564	-----	-----
0129 FIELD CROPS, NEC-----	471,142	19,179	250,823	197,140	21,559	-----	173,909	1,632	-----
0131 FRESH FRUITS-----	3,464,150	1,141,814	2,023,301	299,035	298,318	717	-----	-----	-----
0132 BANANAS AND PLANTAINS-----	3,607,802	3,572,312	14,571	20,919	20,919	-----	-----	-----	-----
0133 COFFEE-----	1,348,260	1,183,437	116,920	48,903	48,874	-----	-----	-----	25
0134 COCOA BEANS-----	529,334	508,496	8,706	12,043	-----	-----	-----	-----	-----
0141 FRESH AND FROZEN VEGETABLES-----	1,499,787	444,082	726,055	328,050	299,893	2,056	26,098	-----	3
0151 LIVE ANIMALS-----	77,424	2,961	3,695	70,708	70,708	-----	60	-----	-----
0161 ANIMALS AND PRODUCTS, NEC-----	1,252,236	242,243	987,396	22,597	22,007	-----	408	-----	142
0191 MISCELLANEOUS FARM PRODUCTS-----	128,070	50,313	33,596	44,161	42,493	6	1,710	-----	2
FOREST PRODUCTS									
0841 CRUDE RUBBER AND ALLIED GUMS-----	1,091,964	1,065,230	22,778	956	926	-----	30	-----	-----
0861 FOREST PRODUCTS, NEC-----	374,216	184,964	29,210	160,042	23,952	-----	136,060	-----	30
FRESH FISH & OTHER MARINE PRODUCTS									
0911 FRESH FISH, EXCEPT SHELLFISH-----	1,683,892	532,521	438,765	712,606	40,840	75	669,019	2,191	481
0912 SHELLFISH, EXCEPT PREPARED-----	1,292,424	320,814	83,094	888,516	31,776	-----	835,105	21,375	-----
0931 MARINE SHELLS, UNMANUFACTURED-----	3,179,211	3,077	16,420	3,159,714	1,428	-----	3,092,776	65,510	-----
METALLIC ORES									
1011 IRON ORE AND CONCENTRATES-----	86,505,653	21,392,689	5,484,801	59,628,163	-----	56,411,742	3,198,194	18,227	-----
1021 COPPER ORE AND CONCENTRATES-----	1,124,434	9,143	1,043,743	72,508	-----	-----	72,508	-----	-----
1031 ALUMINUM ORES, CONCENTRATES-----	19,733,150	17,950,602	1,349,228	433,320	-----	-----	433,320	-----	-----
1041 MANGANESE ORES, CONCENTRATES-----	1,274,515	659,823	4,566	610,125	-----	-----	607,370	2,756	-----
1091 NONFERROUS ORES, CONCENT, NEC-----	3,816,604	1,640,925	1,364,863	310,816	5,079	-----	303,144	2,593	-----
COAL									
1121 COAL AND LIGNITE-----	304,828,959	2,350,604	98,671,394	203,806,961	12,633,882	19,195,777	166,760,148	5,017,154	-----
CRUDE PETROLEUM									
1311 CRUDE PETROLEUM-----	480,800,634	298,835,851	130,939	181,933,864	132,182,630	-----	45,893,044	3,757,790	-----
NONMETALLIC MINERALS, EXCEPT FUELS									
1411 LIMESTONE-----	41,261,627	2,275,857	3,506,363	55,476,407	21,661	22,915,018	12,490,495	49,174	59
1412 BUILDING STONE, UNWORKED-----	536,316	423,528	103,682	9,166	7,730	-----	1,376	-----	-----
1462 SAND, GRAVEL, CRUSHED ROCK-----	58,833,707	2,068,719	1,857,420	54,907,568	3,090,401	627,585	44,227,848	6,952,159	75
1451 CLAY-----	6,189,696	1,515,819	3,315,798	1,358,079	6,751	17,958	1,249,921	85,189	260
1471 PHOSPHATE ROCK-----	15,790,764	773,545	8,963,115	6,049,104	6,049,104	-----	-----	-----	-----
1479 NATURAL FERTILIZER MATS, NEC-----	17,075	1	12,073	5,401	1,099	-----	4,302	-----	-----
1491 SALT-----	6,786,980	5,508,578	1,278,402	-----	-----	-----	-----	-----	-----
1492 SULPHUR, DRY-----	2,042,526	1,204,273	820,123	18,130	18,130	-----	-----	-----	-----
1493 SULPHUR, LIQUID-----	6,815,652	-----	-----	6,515,652	3,965,553	-----	2,770,321	79,778	-----
1494 GYPSUM, CRUDE AND PLASTERS-----	9,867,149	3,715,240	73,976	1,077,933	19,139	962,839	95,907	-----	48
1499 NONMETALLIC MINERALS, NEC-----	10,715,507	4,150,572	702,727	5,862,208	213,803	897,467	4,866,693	84,674	171
ORDNANCE & ACCESSORIES									
1911 ORDNANCE AND ACCESSORIES-----	142,122	63,975	77,026	1,121	1,121	-----	-----	-----	-----
FOOD & KINDRED PRODUCTS									
2011 MEAT, FRESH, CHILLED, FROZEN-----	2,185,513	724,108	1,154,367	305,038	303,959	1,027	44	-----	8
2012 MEAT AND PRODUCTS, NEC-----	376,386	250,433	47,247	78,706	-----	-----	62	-----	58
2014 TALLOW, ANIMAL FATS AND OILS-----	1,379,577	7,920	1,258,981	112,676	9,976	-----	84,363	18,337	-----
2015 ANIMAL BY-PRODUCTS, NEC-----	22,953	1,013	3,756	18,184	3,744	-----	14,440	-----	-----
2021 DAIRY PRODUCTS, NEC-----	243,488	163,416	24,894	55,178	54,888	13	-----	-----	277
2022 DRIED MILK AND CREAM-----	215,850	85,015	143,326	27,489	-----	-----	-----	-----	-----
2031 FISH AND SHELLFISH, PREPARED-----	929,356	389,353	150,125	409,881	380,435	-----	29,432	-----	14
2034 VEGETABLES AND PREP, NEC-----	1,793,095	850,306	644,559	298,250	278,601	893	18,756	-----	-----
2039 PREP FRUIT AND VEG JUICE, NEC-----	2,364,477	1,485,142	434,822	440,513	-----	-----	103	-----	-----
2041 WHEAT FLOUR AND SEMOLINA-----	1,337,017	24,538	1,292,537	19,942	18,713	-----	1,229	-----	-----
2042 ANIMAL FEEDS-----	18,924,747	531,797	9,185,403	9,207,547	273,835	16,912	8,859,607	55,121	2,072
2049 GRAIN MILL PRODUCTS, NEC-----	6,384,160	408,619	4,549,121	3,426,420	48,765	-----	3,371,638	5,045	72
2061 SUGAR-----	4,154,631	1,514,185	393,152	1,947,294	1,427,603	-----	515,211	8,480	-----
2062 MOLASSES-----	1,675,339	806,432	189,162	639,745	175,661	-----	361,993	102,091	-----
2081 ALCOHOLIC BEVERAGES-----	3,005,361	2,211,411	400,120	393,850	392,206	12	1,429	-----	203
2091 VEGETABLE OILS, MARG, SHORT-----	3,662,827	997,956	1,380,607	1,275,264	93,172	-----	1,110,332	71,698	62
2092 ANIMAL OILS AND FATS, NEC-----	124,724	12,332	106,043	6,349	423	-----	5,925	-----	-----
2094 GROCERIES-----	498,586	-----	-----	498,586	488,330	184	6,066	-----	1,186
2095 ICE-----	99,133	-----	-----	97	96	-----	98,258	682	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	2,951,974	785,361	888,195	1,318,418	1,125,342	831	187,687	-----	4,558

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

TABLE 2--SUMMARY OF FOREIGN AND DOMESTIC WATERBORNE COMMERCE, BY TYPE OF TRAFFIC AND COMMODITY, CALENDAR YEAR 1989--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-----	308,106	7,104	273,836	27,186	27,186					
BASIC TEXTILES										
2211 BASIC TEXTILE PRODUCTS-----	1,660,931	1,067,946	510,117	31,968	53,639		27,968			361
2212 TEXTILE FIBERS, NEC-----	94,500	57,842	6,918	29,740	26,716		3,022			5,412
APPAREL & OTHER FINISHED TEXTILE PRODUCTS, INCLUDING KNIT										
2311 APPAREL-----	2,106,212	1,532,331	163,840	410,041	405,514		156			4,371
LUMBER & WOOD PROD., EXC. FURNITURE										
2411 LOGS-----	462,899			462,899	8,427		454,472		2	
2412 RAFTED LOGS-----	11,136,136			11,136,136	27,200		8,503,611	2,505,325		
2413 FUEL WOOD, CHARCOAL, WASTES-----	335,346	129,976	23,644	194,729	26,229		158,497			
2414 TIMBER, POSTS, POLES, PILING-----	17,964,738	231,944	17,709,311	43,483	7,651		35,205	627		
2415 PULPWOOD, LOGS-----	3,902,525			3,902,525	12,918		3,889,607			
2416 WOOD CHIPS, STAVES, MOLDINGS-----	11,935,509	684,037	7,456,062	3,595,410	238		3,585,176	6,806		
2421 LUMBER-----	7,895,524	2,131,269	4,359,311	1,404,944	1,298,957	23,488	82,477	22		
2431 VENEER, PLYWOOD, WORKED WOOD-----	2,637,066	1,245,237	1,280,623	113,208	80,612	3,564	29,052			
2491 WOOD MANUFACTURES, NEC-----	668,443	275,746	192,995	198,702	195,291	576	2,802		7	26
FURNITURE & FIXTURES										
2511 FURNITURE AND FIXTURES-----	1,564,984	1,239,871	100,432	224,681	218,506	3,892	1,314			964
PULP, PAPER & ALLIED PRODUCTS										
2611 PULP-----	7,001,792	709,050	5,606,145	486,797	34,462	456	428,649	3,010		
2621 STANDARD NEWSRINT PAPER-----	3,015,728	2,389,460	785,705	140,563	23,463	76,704	40,396			
2631 PAPER AND PAPERBOARD-----	5,783,787	1,508,190	3,723,100	452,497	150,698	49,570	252,073			156
2691 PULP AND PAPER PRODUCTS, NEC-----	1,673,785	150,093	215,293	1,308,599	390,735		907,391	6,355		4,108
PRINTED MATTER										
2711 PRINTED MATTER-----	316,499	202,849	94,819	15,851	18,828		3			
CHEMICALS & ALLIED PRODUCTS										
2810 SODIUM HYDROXIDE-----	9,383,340	540,234	3,080,767	5,762,339	1,297,248		4,465,091	333,765		
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	7,582,132	1,561,025	4,337,349	1,663,758	45,546	32,274	1,519,591	222,243		44,304
2812 DYES, PIGMENT, TANNING MATS-----	101,154	62,112	38,663	359	559					
2813 ALCOHOLS-----	9,308,774	2,389,372	1,536,438	5,681,164	654,239		4,253,986	773,089		
2815 RADIOACTIVE MATERIALS, WASTES-----	35,173	21,534	11,127	512	512					
2817 BENZENE AND TOLUENE-----	7,049,845	522,110	634,189	5,943,546	443,924		3,844,696	1,640,682		14,244
2818 SULPHURIC ACID-----	2,693,171	569,204	107,066	2,015,901	110,455		1,504,446	401,978		
2819 BASIC CHEMICALS AND PROD., NEC-----	41,180,114	4,657,881	11,612,212	24,910,021	3,867,004	297,359	18,736,628	1,972,930		36,100
2821 PLASTIC MATERIALS-----	5,465,577	1,022,708	4,502,711	140,158	128,755	80	8,574			2,744
2822 SYNTHETIC RUBBER-----	859,664	243,384	521,274	95,036	9,465		85,541			
2823 SYNTHETIC (MAN-MADE) FIBERS-----	751,933	209,497	541,313	923	918		5			
2831 DRUGS-----	249,420	76,534	104,285	68,601	61,710		6,744			187
2841 SOAP-----	581,709	140,068	300,908	140,733	135,184		3,166	1,212		1,171
2851 PAINTS-----	927,273	175,543	706,036	45,692	45,537		80			75
2861 GUM AND WOOD CHEMICALS-----	1,149,380	39,456	346,487	763,437	66,506	2,476	464,046	210,405		
2871 NITROGENOUS CHEM FERTILIZERS-----	10,277,745	2,090,748	2,564,714	5,622,083	676,503	22,320	4,890,030	33,430		
2872 POTASSIC CHEM FERTILIZERS-----	4,369,724	2,017,046	1,010,236	1,342,440	130,930	24	1,189,880	7,802		
2875 PHOSPHATIC CHEM FERTILIZERS-----	1,530,172	53,198	987,049	589,925	183,940		404,571	1,410		
2876 INSECTICIDES, DISINFECTANTS-----	221,028	52,721	179,021	9,286	7,938		1,346			
2879 FERTILIZER AND MATERIALS, NEC-----	16,187,170	305,740	9,457,127	6,423,303	1,172,413	1,602	5,218,770	30,514		4
2891 MISCELLANEOUS CHEMICAL PROD-----	2,371,174	387,045	1,366,305	617,820	298,508		308,878	10,451		187
PETROLEUM & COAL PRODUCTS										
2911 GASOLINE-----	107,702,530	19,769,708	1,902,803	86,230,019	43,734,227	626,841	32,031,869	8,916,618		1,018,464
2912 JET FUEL-----	13,268,177	6,008		11,092,169	7,053,015	97,363	4,658,314	769,396		484,079
2913 KEROSENE-----	6,568,041	3,521,985	1,343,960	1,702,094	577,272	5,038	799,265	318,258		2,283
2914 DISTILLATE FUEL OIL-----	75,164,446	12,990,134	4,221,919	58,052,393	24,256,526	420,325	21,470,625	10,816,945		1,083,966
2915 RESIDUAL FUEL OIL-----	147,537,212	42,843,800	13,322,717	91,370,695	28,202,228	416,663	38,785,379	22,054,026		1,932,399
2916 LUBRICATING OILS AND GREASES-----	20,331,304	11,575,171	2,714,210	5,941,917	3,054,508	16,157	2,892,096	378,750		
2917 NAPHTHA, PETROLEUM SOLVENTS-----	22,921,994	11,902,131	1,584,788	8,525,075	1,529,579		5,124,863	1,694,903		186,130
2918 ASPHALT, TAR, AND PITCHES-----	10,304,303	98,680	37,469	10,148,126	2,944,530	782,045	5,927,074	593,677		
2920 COKE, PETROLEUM COKE-----	27,636,683	3,128,615	17,461,648	7,046,420	134,939	178,993	6,171,449	561,129		
2921 LIQUEFIED GASES-----	6,059,269	3,134,146	1,405,559	1,519,550	313,490	12,910	1,183,425	9,142		697
2951 ASPHALT BUILDING MATERIALS-----	79,344	9,256	29,718	40,370	40,193		145			32
2991 PETROLEUM AND COAL PROD., NEC-----	5,298,194	58,262	106,211	5,134,021	1,296,399	267	2,987,306	594,782		255,267
RUBBER & MISC. PLASTIC PRODUCTS										
3011 RUBBER AND MISC PLASTIC PROD-----	2,630,165	2,087,196	375,853	167,116	146,597	14,458	5,252			809
LEATHER & LEATHER PRODUCTS										
3111 LEATHER AND LEATHER PRODUCTS-----	573,650	445,820	90,657	37,173	37,155					18
STONE, CLAY, GLASS & CONCRETE PROD.										
3211 GLASS AND GLASS PRODUCTS-----	898,240	424,360	426,181	47,699	44,089		3,612			198
3241 BUILDING CEMENT-----	23,935,542	12,305,576	185,020	11,235,946	1,455,675	3,022,675	6,434,595	112,113		
3251 STRUCTURAL CLAY PRODUCTS-----	1,249,110	1,036,279	196,578	36,053	45,667		10,532			254
3271 LIME-----	1,652,947	12,107	2,249	1,638,591	248		1,638,343			
3281 CUT STONE AND STONE PRODUCTS-----	506,525	168,348	25,492	12,685	12,596					89
3291 MISC NONMETALLIC MINERAL PROD-----	1,258,736	590,210	307,643	360,883	196,555	490	163,768	6		64

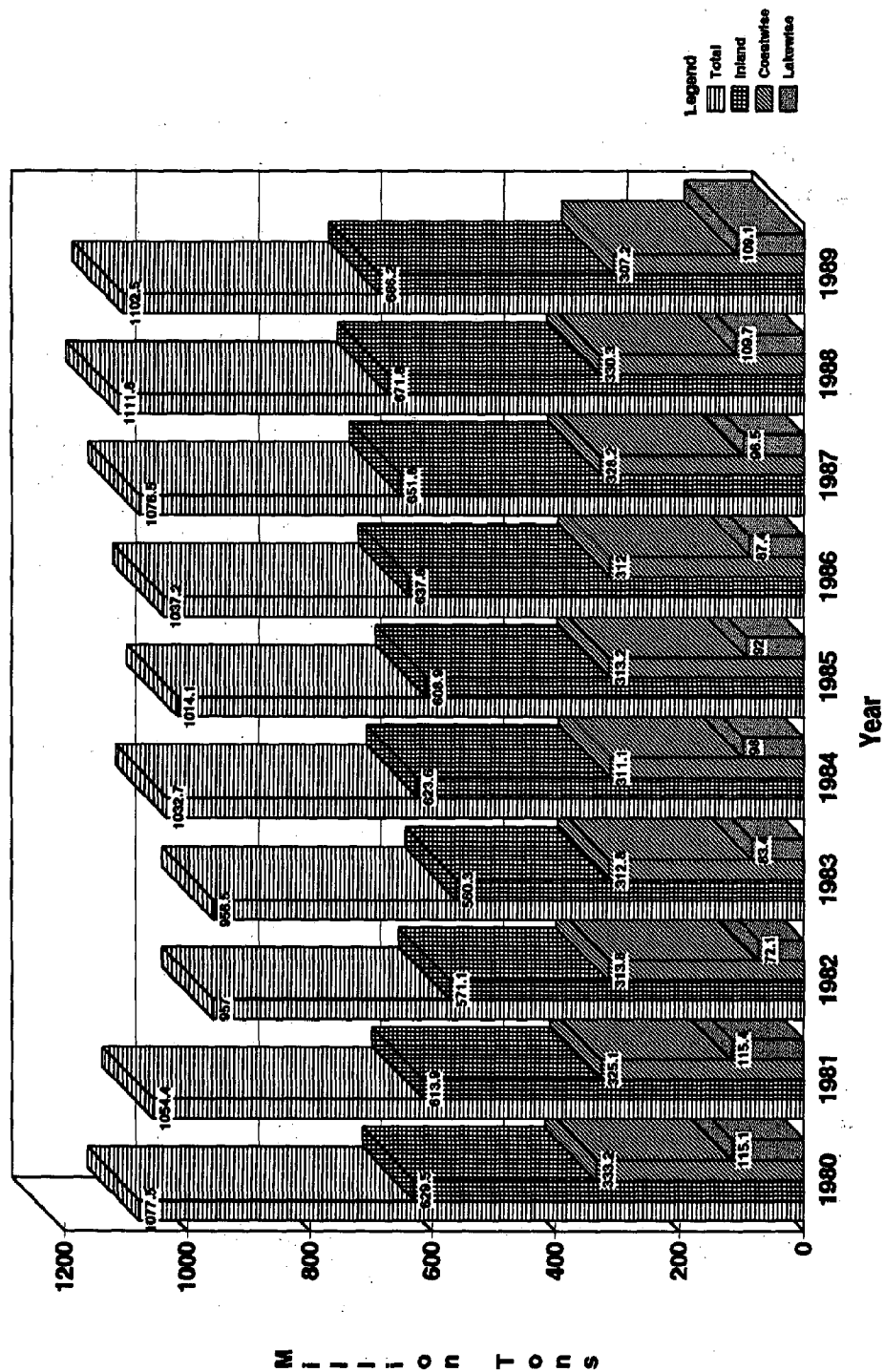
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TABLE 2--SUMMARY OF FOREIGN AND DOMESTIC WATERBORNE COMMERCE, BY TYPE OF TRAFFIC AND COMMODITY, CALENDAR YEAR 1989--CONTINUED
(NET TRAFFIC IN TONS OF 2,000 POUNDS)

COMMODITY	TOTAL	FOREIGN		TOTAL	DOMESTIC				
		IMPORTS	EXPORTS		COASTWISE	LAKEWISE	INTERNAL	LOCAL	INTRA-TERRITORY
PRIMARY METAL PRODUCTS									
3311 PIG IRON-----	1,179,010	687,432	23,215	466,371	38	-----	465,817	4,316	-----
3312 SLAB-----	1,783,083	325,976	6,438	1,446,587	10,491	629,780	800,126	-----	-----
3313 COKE, PET ASPHALTS, SOLVENTS--	25	-----	-----	25	25	-----	-----	-----	-----
3314 IRON AND STEEL PRIMARY FORMS--	4,615,791	2,051,460	343,185	2,219,146	7,466	26,500	2,169,115	18,965	3
3315 IRON, STEEL SHEETS, EXC. SHEET--	4,620,503	2,936,747	145,001	1,538,755	64,647	91	1,443,566	9,661	790
3316 IRON AND STEEL PLATES, SHEETS--	9,816,927	6,186,629	2,612,664	398,234	57,159	4,260	326,236	6,487	98
3317 IRON AND STEEL PIPE AND TUBE--	3,459,366	2,582,771	455,044	921,491	61,037	1,006	840,086	10,954	6
3318 FERROALLOYS-----	2,262,529	1,326,932	51,528	884,069	9,248	-----	873,421	1,400	-----
3319 IRON AND STEEL PRODUCTS, NEC--	1,133,579	411,062	18,408	704,109	34,350	49,670	617,784	1,914	391
3321 NONFERROUS METALS, NEC-----	344,370	155,361	162,217	26,792	1,917	-----	24,875	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	756,569	482,673	235,360	49,536	9,948	-----	31,090	310	72
3323 LEAD AND ZINC, UNWORKED-----	344,532	249,765	72,496	22,071	1,065	-----	19,161	1,445	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-	1,246,461	405,699	792,852	47,910	33,701	-----	14,175	-----	34
FABRICATED METAL PRODUCTS, EXCEPT ORDNANCE, MACHINERY, & TRANS. EQUIP.									
3411 FABRICATED METAL PRODUCTS-----	5,485,491	2,793,634	420,857	2,271,000	1,590,435	513	672,463	2,455	5,314
MACHINERY, EXCEPT ELECTRICAL									
3511 MACHINERY, EXCEPT ELECTRICAL--	7,857,987	4,189,619	2,345,844	1,022,524	256,740	540	744,639	16,722	3,503
ELECTRICAL MACHINERY, EQUIPMENT & SUPPLIES									
3611 ELECTRICAL MACH. AND EQUIP-----	4,498,371	3,353,268	1,002,687	142,416	132,607	44	7,533	-----	2,232
TRANSPORTATION EQUIPMENT									
3711 MOTOR VEHICLES, PARTS, EQUIP--	9,568,995	6,436,230	1,626,299	1,093,866	987,481	5	16,189	100	91
3721 AIRCRAFT AND PARTS-----	42,726	14,452	27,421	853	747	-----	106	-----	-----
3731 SHIPS AND BOATS-----	190,501	39,435	119,953	31,113	20,203	-----	10,910	-----	-----
3791 MISC. TRANSPORTATION EQUIPMENT-	556,263	309,650	91,430	154,983	152,609	-----	2,174	-----	-----
INSTRUMENTS, PHOTOGRAPHIC & OPTICAL GOODS, WATCHES & CLOCKS									
3811 INSTR. TIME, PHOTO, OPT. GOODS--	568,447	331,409	193,349	43,489	43,456	-----	21	-----	12
MISC. PRODUCTS OF MANUFACTURING									
3911 MISC. MANUFACTURED PRODUCTS-----	4,439,908	2,602,374	305,980	1,531,554	161,947	-----	1,346,188	-----	1,419
WASTE & SCRAP MATERIALS									
4011 IRON AND STEEL SCRAP-----	14,426,222	187,363	10,407,135	3,831,724	102,046	17,438	3,194,378	517,681	39
4012 NONFERROUS METAL SCRAP-----	1,470,537	527,950	1,060,656	61,931	13,025	49,112	19,715	-----	79
4022 TEXTILE WASTE, SCRAP, SWEEP--	278,277	21,961	247,598	8,728	8,709	-----	20	-----	-----
4024 PAPER WASTE AND SCRAP-----	4,728,001	12,496	4,687,121	26,384	26,384	-----	-----	-----	-----
4029 WASTE AND SCRAP, NEC-----	33,559,957	184,420	10,188	33,365,349	397,441	533	24,975,459	7,992,946	50
SPECIAL ITEMS									
4111 WATER-----	1,699,660	294,000	10,677	1,395,183	2,372	-----	1,336,513	54,297	1
4112 COMMODITIES, NEC-----	6,177,368	640,314	429,724	5,107,330	4,794,187	43,633	183,196	4,376	131,738
4119 EMPTY CONTAINERS-----	61,021	-----	81,021	81,021	56,296	8	22,653	-----	54
9999 DEPARTMENT OF DEFENSE AND SCI-	6,188	69	6,059	-----	-----	-----	-----	-----	-----

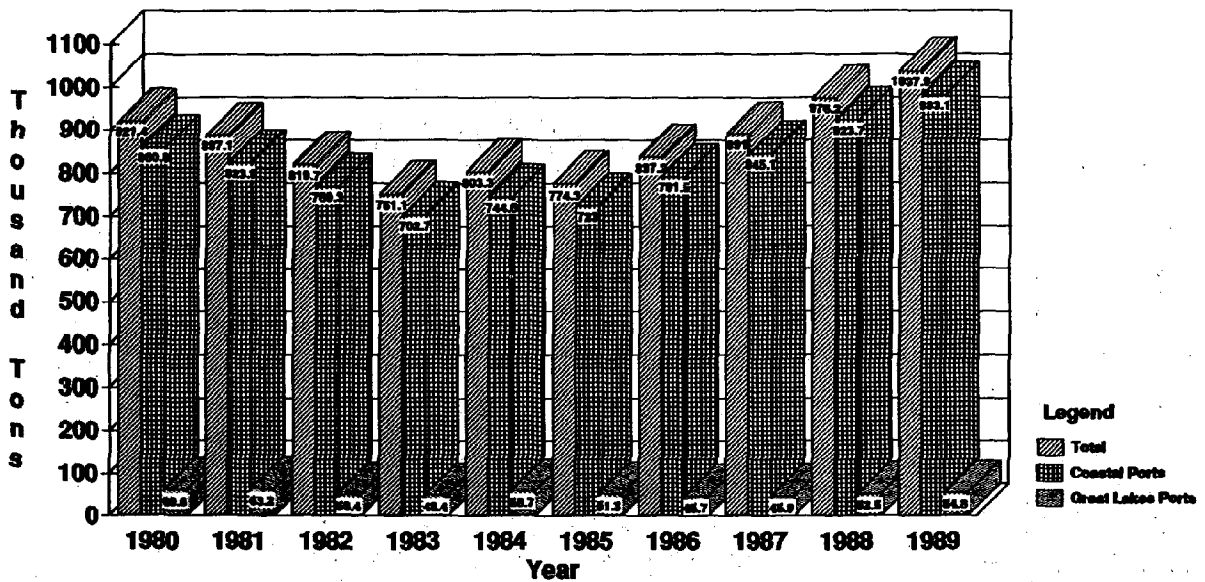
**Domestic Waterborne Commerce of the U.S.
by Type of Traffic 1980-1989**



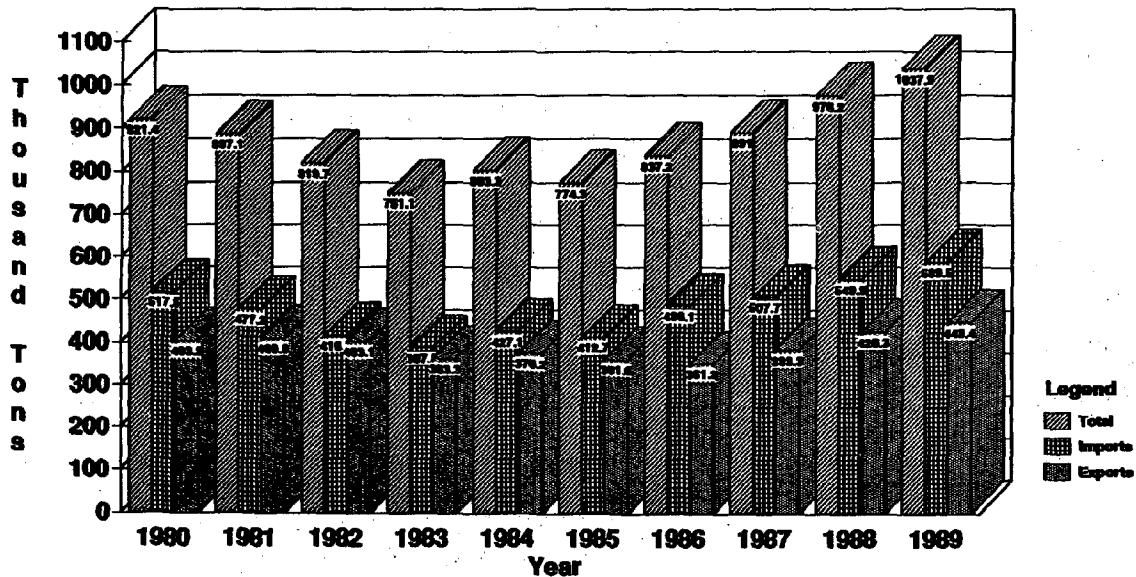
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Foreign Waterborne Commerce of the United States Great Lakes vs Coastal Ports 1980-1989

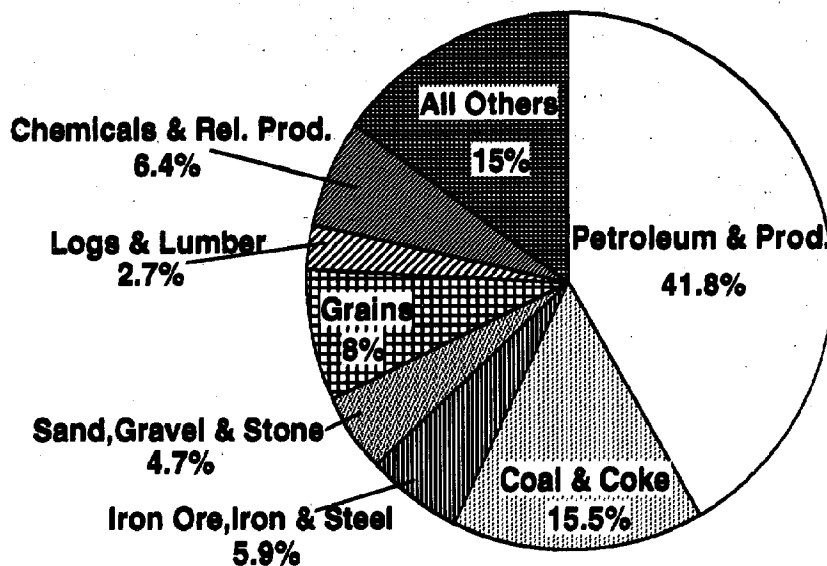


Foreign Waterborne Imports and Exports 1980-1989

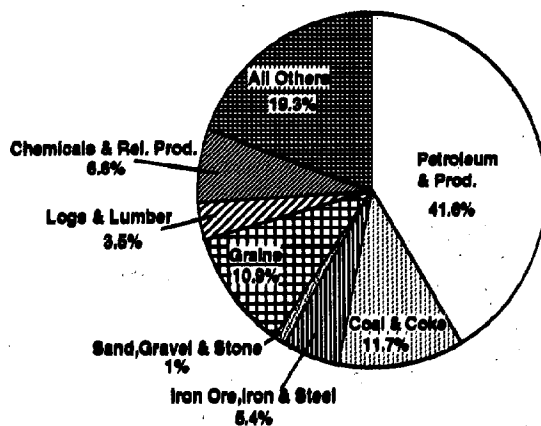


National Summaries Principal Commodities Carried by Water Calendar Year 1989

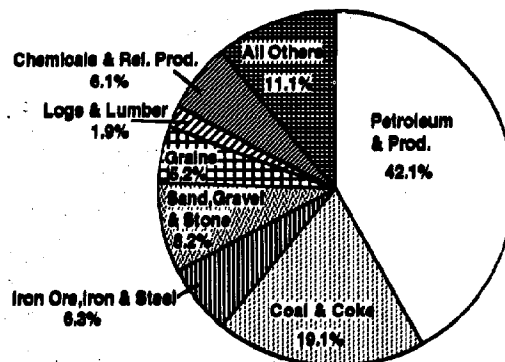
Total Commerce



Foreign Commerce



Domestic Commerce



NATIONAL SUMMARIES

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TABLE 2A--SUMMARY OF FOREIGN COMMERCE AT COASTAL PORTS, BY COMMODITY, CALENDAR YEAR 1989

(IN TONS OF 2,000 POUNDS)

COMMODITY	TOTAL	IMPORTS	EXPORTS
TOTAL, ALL COMMODITIES-----	983,071,068	571,732,624	411,338,444
FARM PRODUCTS			
0101 COTTON, RAW-----	1,796,086	21,732	1,774,354
0102 BARLEY AND RYE-----	858,230	37,324	820,906
0103 CORN-----	58,093,792	54,830	58,038,962
0104 OATS-----	474,840	468,709	6,131
0105 RICE-----	3,198,277	144,644	3,053,633
0106 SORGHUM GRAINS-----	7,358,486	-----	7,358,486
0107 WHEAT-----	36,751,964	672	36,751,292
0111 SOYBEANS-----	15,255,095	3,063	15,252,032
0112 FLAXSEED-----	20,075	254	19,821
0119 FRESH AND FROZEN VEGETABLES-----	523,697	51,683	472,014
0121 TOBACCO, LEAF-----	476,811	204,666	272,145
0122 HAY AND FODDER-----	2,257,842	12,712	2,225,130
0129 FIELD CROPS, NEC-----	252,522	18,951	233,571
0131 FRESH FRUITS-----	3,164,789	1,141,749	2,023,040
0132 BANANAS AND PLANTAINS-----	3,586,883	3,572,312	14,571
0133 COFFEE-----	1,300,357	1,183,437	116,920
0134 COCOA BEANS-----	517,291	508,496	8,795
0141 FRESH AND FROZEN VEGETABLES-----	1,159,884	444,804	715,080
0151 LIVE ANIMALS-----	6,656	2,961	3,695
0161 ANIMALS AND PRODUCTS, NEC-----	1,229,456	242,232	987,224
0191 MISCELLANEOUS FARM PRODUCTS-----	83,877	50,281	33,596
FOREST PRODUCTS			
0841 CRUDE RUBBER AND ALLIED GUMS-----	1,090,792	1,068,014	22,778
0861 FOREST PRODUCTS, NEC-----	213,874	154,709	29,165
FRESH FISH & OTHER MARINE PRODUCTS			
0911 FRESH FISH, EXCEPT SHELLFISH-----	971,275	532,510	438,765
0912 SHELLFISH, EXCEPT PREPARED-----	404,100	320,606	83,494
0931 MARINE SHELLS, UNMANUFACTURED-----	19,497	3,077	16,420
METALLIC ORES			
1011 IRON ORE AND CONCENTRATES-----	16,309,964	16,303,751	6,213
1021 COPPER ORE AND CONCENTRATES-----	1,051,886	8,143	1,043,743
1051 ALUMINUM ORES, CONCENTRATES-----	19,278,675	17,929,453	1,349,222
1061 MANGANESE ORES, CONCENTRATES-----	520,737	516,171	4,566
1091 NONFERROUS ORES, CONCENT, NEC-----	2,815,547	1,477,333	1,338,214
COAL			
1121 COAL AND LIGNITE-----	64,494,138	1,844,066	82,650,072
CRUDE PETROLEUM			
1311 CRUDE PETROLEUM-----	298,946,441	298,815,502	130,939
NONMETALLIC MINERALS, EXCEPT FUELS			
1411 LIMESTONE-----	2,280,612	2,268,616	11,996
1412 BUILDING STONE, UNWORKED-----	526,348	423,220	103,128
1442 SAND, GRAVEL, CRUSHED ROCK-----	3,100,972	1,736,481	1,364,491
1451 CLAY-----	3,349,703	275,705	3,073,998
1471 PHOSPHATE ROCK-----	9,741,617	778,502	8,963,115
1479 NATURAL FERTILIZER MATS, NEC-----	12,074	1	12,073
1491 SALT-----	4,093,486	3,691,620	401,866
1492 SULPHUR, DRY-----	2,021,768	1,204,273	817,495
1494 GYPSUM, CRUDE AND PLASTERS-----	8,774,156	8,715,240	58,916
1499 NONMETALLIC MINERALS, NEC-----	4,706,454	4,116,825	589,629
ORDNANCE & ACCESSORIES			
1911 ORDNANCE AND ACCESSORIES-----	140,955	63,929	77,026
FOOD & KINDRED PRODUCTS			
2011 MEAT, FRESH, CHILLED, FROZEN-----	1,878,444	724,087	1,154,357
2012 MEAT AND PRODUCTS, NEC-----	297,502	250,255	47,247
2014 TALLOW, ANIMAL FATS AND OILS-----	1,227,452	7,723	1,219,729
2015 ANIMAL BY-PRODUCTS, NEC-----	4,769	1,013	3,756
2021 DAIRY PRODUCTS, NEC-----	187,388	163,416	23,972
2022 DRIED MILK AND CREAM-----	188,318	45,015	143,303
2031 FISH AND SHELLFISH, PREPARED-----	519,466	369,346	150,120
2034 VEGETABLES AND PREP, NEC-----	1,494,443	650,073	844,370
2039 PREP FRUIT AND VEG JUICE, NEC-----	1,919,430	1,484,611	434,819
2041 WHEAT FLOUR AND SEMOLINA-----	1,277,059	24,538	1,252,521
2042 ANIMAL FEEDS-----	9,683,701	530,625	9,153,076
2049 GRAIN MILL PRODUCTS, NEC-----	4,926,289	401,072	4,525,217
2061 SUGAR-----	2,207,337	1,814,185	393,152
2062 MOLASSES-----	1,035,163	846,452	188,711
2081 ALCOHOLIC BEVERAGES-----	2,609,102	2,209,055	400,047
2091 VEGETABLE OILS, MARG, SHORT-----	2,368,054	997,873	1,370,181
2092 ANIMAL OILS AND FATS, NEC-----	118,375	12,332	106,043
2099 MISCELLANEOUS FOOD PRODUCTS-----	1,607,838	785,033	822,805
TOBACCO PRODUCTS			
2111 TOBACCO MANUFACTURES-----	280,940	7,104	273,836
BASIC TEXTILES			
2211 BASIC TEXTILE PRODUCTS-----	1,567,085	1,057,248	509,837
2212 TEXTILE FIBERS, NEC-----	64,760	57,842	6,918

TABLE 2A--SUMMARY OF FOREIGN COMMERCE AT COASTAL PORTS, BY COMMODITY, CALENDAR YEAR 1989--CONTINUED
(IN TONS OF 2,000 POUNDS)

COMMODITY	TOTAL	IMPORTS	EXPORTS
APPAREL & OTHER FINISHED TEXTILE PRODUCTS, INCLUDING KNIT			
2311 APPAREL-----	1,696,074	1,532,238	163,836
LUMBER & WOOD PRODS., EXC. FURNITURE			
2413 FUEL WOOD, CHARCOAL, WASTES-----	150,620	126,976	23,644
2414 TIMBER, POSTS, POLES, PILING-----	17,941,034	231,751	17,709,283
2416 WOOD CHIPS, STAVES, MOLDINGS-----	8,340,099	684,037	7,656,062
2421 LUMBER-----	6,475,065	2,116,852	4,358,213
2431 VENEER, PLYWOOD, WORKED WOOD-----	2,521,551	1,241,652	1,279,899
2491 WOOD MANUFACTURES, NEC-----	467,028	274,170	192,858
FURNITURE & FIXTURES			
2511 FURNITURE AND FIXTURES-----	1,339,810	1,239,434	100,376
PULP, PAPER & ALLIED PRODUCTS			
2611 PULP-----	6,351,441	754,384	5,597,057
2621 STANDARD NEWSPRINT PAPER-----	2,682,280	1,897,138	785,151
2631 PAPER AND PAPERBOARD-----	5,323,201	1,600,561	3,722,640
2691 PULP AND PAPER PRODUCTS, NEC-----	364,820	150,050	214,770
PRINTED MATTER			
2711 PRINTED MATTER-----	297,176	202,423	94,753
CHEMICALS & ALLIED PRODUCTS			
2810 SODIUM HYDROXIDE-----	3,482,298	401,531	3,080,767
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	5,754,426	1,402,116	4,352,310
2812 DYES, PIGMENT, TANNING MATS-----	100,722	62,058	38,664
2813 ALCOHOLS-----	3,605,106	2,069,632	1,535,474
2816 RADIOACTIVE MATERIALS, WASTES-----	32,660	21,533	11,127
2817 BENZENE AND TOLUENE-----	1,088,836	460,479	628,357
2818 SULPHURIC ACID-----	639,598	532,532	107,066
2819 BASIC CHEMICALS AND PROD, NEC-----	16,102,450	4,498,267	11,604,183
2821 PLASTIC MATERIALS-----	5,306,548	1,006,660	4,300,588
2822 SYNTHETIC RUBBER-----	750,117	228,684	521,233
2823 SYNTHETIC (MAN-MADE) FIBERS-----	750,899	209,429	541,470
2831 DRUGS-----	177,929	76,074	101,855
2841 SOAP-----	440,326	139,672	300,654
2851 PAINTS-----	869,811	174,041	695,770
2861 GUM AND WOOD CHEMICALS-----	385,945	39,456	346,487
2871 NITROGENOUS CHEM FERTILIZERS-----	4,484,586	1,919,672	2,564,914
2872 POTASSIC CHEM FERTILIZERS-----	2,190,431	1,180,195	1,010,236
2873 PHOSPHATIC CHEM FERTILIZERS-----	990,137	3,066	987,049
2876 INSECTICIDES, DISINFECTANTS-----	211,520	32,700	178,820
2879 FERTILIZER AND MATERIALS, NEC-----	9,753,521	296,394	9,457,127
2891 MISCELLANEOUS CHEMICAL PROD-----	1,735,981	386,720	1,349,261
PETROLEUM & COAL PRODUCTS			
2911 GASOLINE-----	21,530,923	19,628,120	1,902,803
2912 JET FUEL-----	6,008	6,008	-----
2913 KEROSENE-----	4,852,763	3,515,966	1,336,797
2914 DISTILLATE FUEL OIL-----	16,953,833	12,631,914	4,321,919
2915 RESIDUAL FUEL OIL-----	55,800,753	42,483,578	13,317,175
2916 LUBRICATING OILS AND GREASES-----	14,242,083	11,613,540	2,628,543
2917 NAPHTHA, PETROLEUM SOLVENTS-----	13,470,657	11,897,417	1,573,240
2918 ASPHALT, TAN, AND PITCHES-----	149,547	98,688	50,859
2920 COKE, PETROLEUM COKE-----	19,060,227	2,538,028	16,522,199
2921 LIQUEFIED GASES-----	4,536,922	3,131,648	1,405,274
2951 ASPHALT BUILDING MATERIALS-----	33,687	9,256	24,431
2991 PETROLEUM AND COAL PROD, NEC-----	164,469	58,261	106,208
RUBBER & MISC. PLASTIC PRODUCTS			
3011 RUBBER AND MISC PLASTIC PROD-----	2,461,480	2,086,213	375,267
LEATHER & LEATHER PRODUCTS			
3111 LEATHER AND LEATHER PRODUCTS-----	536,361	445,735	90,626
STONE, CLAY, GLASS, & CONCRETE PROD.			
3211 GLASS AND GLASS PRODUCTS-----	849,524	423,652	425,672
3241 BUILDING CEMENT-----	11,251,597	11,211,240	40,357
3251 STRUCTURAL CLAY PRODUCTS-----	1,184,919	1,029,038	155,881
3271 LIME-----	14,556	12,107	2,249
3281 CUT STONE AND STONE PRODUCTS-----	493,292	467,800	25,492
3291 MISC. NONMETALLIC MINERAL PROD-----	897,292	590,106	307,186
PRIMARY METAL PRODUCTS			
3311 PIG IRON-----	627,485	604,279	23,206
3312 SLAB-----	85,763	77,325	8,438
3314 IRON AND STEEL PRIMARY FORMS-----	2,053,627	1,748,031	305,596
3315 IRON, STEEL SHAPES, EXC SHEET-----	2,693,154	2,548,834	144,320
3316 IRON AND STEEL PLATES, SHEETS-----	7,103,341	5,282,556	1,820,785
3317 IRON AND STEEL PIPE AND TUBE-----	2,505,183	2,050,169	455,014
3318 FERROALLOYS-----	1,302,316	1,250,788	51,528
3319 IRON AND STEEL PRODUCTS, NEC-----	416,008	397,601	18,407
3321 NONFERROUS METALS, NEC-----	299,922	154,907	145,015
3322 COPPER ALLOYS, UNWORKED-----	714,496	481,201	233,295
3323 LEAD AND ZINC, UNWORKED-----	260,379	187,683	72,696
3324 ALUMINUM AND ALLOYS, UNWORKED-----	1,190,996	398,178	792,818

NATIONAL SUMMARIES

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TABLE 2A--SUMMARY OF FOREIGN COMMERCE AT COASTAL PORTS, BY COMMODITY, CALENDAR YEAR 1989--CONTINUED

(IN TONS OF 2,000 POUNDS)

COMMODITY	TOTAL	IMPORTS	EXPORTS
FABRICATED METAL PRODUCTS, EXCEPT ORDNANCE, MACHINERY, & TRANS. EQUIP.			
3411 FABRICATED METAL PRODUCTS-----	3,201,367	2,786,033	415,334
MACHINERY, EXCEPT ELECTRICAL			
3511 MACHINERY, EXCEPT ELECTRICAL-----	6,755,080	4,447,745	2,307,335
ELECTRICAL MACHINERY, EQUIPMENT & SUPPLIES			
3611 ELECTRICAL MACH AND EQUIP-----	4,351,662	3,350,074	1,001,588
TRANSPORTATION EQUIPMENT			
3711 MOTOR VEHICLES, PARTS, EQUIP-----	7,852,947	6,727,156	1,125,791
3721 AIRCRAFT AND PARTS-----	41,864	14,443	27,421
3731 SHIPS AND BOATS-----	158,920	39,434	119,486
3791 MISC. TRANSPORTATION EQUIPMENT-----	400,799	309,390	91,409
INSTRUMENTS, PHOTOGRAPHIC & OPTICAL GOODS, WATCHES & CLOCKS			
3811 INSTR. TIME, PHOTO, OPT GOODS-----	524,574	331,384	193,190
MISC. PRODUCTS OF MANUFACTURING			
3911 MISC. MANUFACTURED PRODUCTS-----	2,907,511	2,601,865	305,646
WASTE & SCRAP MATERIALS			
4011 IRON AND STEEL SCRAP-----	9,722,516	174,535	9,547,981
4012 NONFERROUS METAL SCRAP-----	1,529,184	470,597	1,049,587
4022 TEXTILE WASTE, SCRAP, SWEEP-----	269,364	21,094	247,470
4024 PAPER WASTE AND SCRAP-----	4,699,237	12,496	4,686,741
4029 WASTE AND SCRAP, NEC-----	191,526	184,420	7,106
SPECIAL ITEMS			
4111 WATER-----	304,667	293,990	10,677
4112 COMMODITIES, NEC-----	1,060,326	634,657	425,669
9999 DEPARTMENT OF DEFENSE AND SCI-----	6,128	69	6,059

TABLE 2B--SUMMARY OF FOREIGN COMMERCE AT GREAT LAKES PORTS, BY COMMODITY, CALENDAR YEAR 1989

(IN TONS OF 2,000 POUNDS)

COMMODITY	TOTAL	IMPORTS			EXPORTS		
		TOTAL	CANADIAN	OVERSEAS	TOTAL	CANADIAN	OVERSEAS
TOTAL, ALL COMMODITIES-----	54,839,145	17,771,497	13,535,132	4,236,365	37,067,648	31,936,141	5,131,507
FARM PRODUCTS							
0102 BARLEY AND RYE-----	1,063,966	54,730	54,730	-----	1,009,236	726,595	284,641
0103 CORN-----	2,475,263	-----	-----	-----	2,475,263	2,037,262	418,001
0104 OATS-----	337,172	337,172	337,172	-----	-----	-----	-----
0105 RICE-----	15,953	-----	-----	-----	15,953	269	15,684
0106 SORGHUM GRAINS-----	2,045	-----	-----	-----	2,045	-----	2,045
0107 WHEAT-----	2,499,530	193,994	193,994	-----	2,305,536	988,101	1,317,435
0111 SOYBEANS-----	735,165	-----	-----	-----	735,165	211,667	523,498
0112 FLAXSEED-----	12,134	12,134	12,134	-----	-----	-----	-----
0119 OILSEEDS, NEC-----	12,373	12,373	1,287	11,086	-----	-----	-----
0121 TOBACCO, LEAF-----	22	22	-----	-----	-----	-----	-----
0122 HAY AND FODDER-----	18,152	16,940	16,940	-----	1,212	-----	1,212
0129 FIELD CROPS, NEC-----	21,480	228	199	29	21,252	42	21,210
0131 FRESH FRUITS-----	326	65	-----	65	261	112	149
0141 FRESH AND FROZEN VEGETABLES-----	11,853	78	21	57	11,775	1,583	10,192
0161 ANIMALS AND PRODUCTS, NEC-----	183	11	-----	11	172	-----	172
0191 MISCELLANEOUS FARM PRODUCTS-----	32	32	-----	32	-----	-----	-----
FOREST PRODUCTS							
0841 CRUDE RUBBER AND ALLIED GUMS-----	216	216	-----	216	-----	-----	-----
0861 FOREST PRODUCTS, NEC-----	300	255	21	234	45	-----	45
FRESH FISH & OTHER MARINE PRODUCTS							
0911 FRESH FISH, EXCEPT SHELLFISH-----	11	11	1	10	-----	-----	-----
0912 SHELLFISH, EXCEPT PREPARED-----	8	8	-----	8	-----	-----	-----
METALLIC ORES							
1011 IRON ORE AND CONCENTRATES-----	10,567,526	5,088,938	4,403,943	684,995	5,478,588	5,365,867	112,721
1051 ALUMINUM ORES, CONCENTRATES-----	21,155	21,149	-----	21,149	6	-----	6
1061 MANGANESE ORES, CONCENTRATES-----	143,652	143,652	8,265	135,387	-----	-----	-----
1091 NONFERROUS ORES, CONCENT, NEC-----	196,241	163,592	20,114	143,478	26,649	-----	26,649
COAL							
1121 COAL AND LIGNITE-----	16,527,860	506,538	506,538	-----	16,021,322	15,818,358	202,964
CRUDE PETROLEUM							
1311 CRUDE PETROLEUM-----	20,329	20,329	20,329	-----	-----	-----	-----
NONMETALLIC MINERALS, EXCEPT FUELS							
1411 LIMESTONE-----	3,504,608	10,241	10,241	-----	3,494,367	3,478,082	16,285
1412 BUILDING STONE, UNWORKED-----	862	299	-----	299	563	563	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	825,167	332,238	332,164	74	492,929	492,929	-----
1451 CLAY-----	1,481,914	1,240,114	1,217,394	22,720	241,800	186,998	54,802
1471 PHOSPHATE ROCK-----	43	43	43	-----	-----	-----	-----
1491 SALT-----	2,693,494	1,816,958	1,797,299	19,659	876,536	876,536	-----
1492 SULPHUR, DRY-----	2,628	-----	-----	-----	2,628	2,514	114
1494 GYPSUM, CRUDE AND PLASTERS-----	19,078	-----	-----	-----	15,078	15,078	-----
1499 NONMETALLIC MINERALS, NEC-----	146,845	33,747	23,534	10,213	113,098	113,091	7
ORDNANCE & ACCESSORIES							
1911 ORDNANCE AND ACCESSORIES-----	46	46	-----	46	-----	-----	-----
FOOD & KINDRED PRODUCTS							
2011 MEAT, FRESH, CHILLED, FROZEN-----	31	21	-----	21	10	-----	10
2012 MEAT AND PRODUCTS, NEC-----	178	178	-----	178	-----	-----	-----
2014 TALLOW, ANIMAL FATS AND OILS-----	39,449	197	-----	197	39,252	-----	39,252
2021 DAIRY PRODUCTS, NEC-----	922	-----	-----	-----	922	-----	922
2022 DRIED MILK AND CREAM-----	23	-----	-----	-----	23	-----	23
2031 FISH AND SHELLFISH, PREPARED-----	7	4	1	3	3	-----	3
2034 VEGETABLES AND PREP, NEC-----	402	233	-----	233	169	-----	169
2039 PREP FRUIT AND VEG JUICE, NEC-----	534	531	-----	531	3	-----	3
2041 WHEAT FLOUR AND SEMOLINA-----	40,016	-----	-----	-----	40,016	-----	40,016
2042 ANIMAL FEEDS-----	33,499	1,172	1,172	-----	32,327	66	32,261
2049 GRAIN MILL PRODUCTS, NEC-----	31,451	7,547	7,199	348	23,904	419	23,485
2062 MOLASSES-----	431	-----	-----	-----	431	431	-----
2081 ALCOHOLIC BEVERAGES-----	2,429	2,326	40	2,286	103	48	55
2091 VEGETABLE OILS, MARG, SHORT-----	19,509	83	-----	83	19,426	-----	19,426
2099 MISCELLANEOUS FOOD PRODUCTS-----	25,718	328	-----	328	25,390	108	25,282
BASIC TEXTILES							
2211 BASIC TEXTILE PRODUCTS-----	10,978	10,698	471	10,227	280	-----	280
APPAREL & OTHER FINISHED TEXTILE PRODUCTS, INCLUDING KNIT							
2311 APPAREL-----	97	93	-----	93	4	-----	4
LUMBER & WOOD PRODS., EXC. FURNITURE							
2414 TIMBER, POSTS, POLES, PILING-----	221	193	-----	193	28	-----	28
2421 LUMBER-----	15,515	14,417	14,384	33	1,098	542	556
2431 VENEER, PLYWOOD, WORKED WOOD-----	2,309	1,585	1,556	29	729	-----	724
2491 WOOD MANUFACTURES, NEC-----	2,713	2,576	2,253	323	137	129	8

NATIONAL SUMMARIES

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TABLE 28--SUMMARY OF FOREIGN COMMERCE AT GREAT LAKES PORTS, BY COMMODITY, CALENDAR YEAR 1969--CONTINUED
(IN TONS OF 2,000 POUNDS)

COMMODITY	TOTAL	IMPORTS			EXPORTS		
		TOTAL	CANADIAN	OVERSEAS	TOTAL	CANADIAN	OVERSEAS
FURNITURE & FIXTURES							
2511 FURNITURE AND FIXTURES-----	493	437	169	268	56	20	26
PULP, PAPER & ALLIED PRODUCTS							
2611 PULP-----	163,794	154,666	96,562	58,084	9,088	-----	9,088
2621 STANDARD NEWSPRINT PAPER-----	192,876	192,322	192,322	-----	554	554	-----
2631 PAPER AND PAPERBOARD-----	8,089	7,629	7,315	314	460	223	237
2691 PULP AND PAPER PRODUCTS, NEC-----	566	43	-----	43	523	254	269
PRINTED MATTER							
2711 PRINTED MATTER-----	492	426	-----	426	66	32	34
CHEMICALS & ALLIED PRODUCTS							
2810 SODIUM HYDROXIDE-----	138,703	138,703	138,703	-----	-----	-----	-----
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	163,946	159,909	155,129	3,780	5,039	814	4,225
2812 DYES, PIGMENT, TANNING MATS-----	73	54	-----	54	19	-----	19
2813 ALCOHOLS-----	20,704	19,740	19,405	335	964	284	680
2816 RADIOACTIVE MATERIALS, NUBLES-----	1	1	-----	1	-----	-----	-----
2817 BENZENE AND TOLUENE-----	67,463	61,631	61,631	-----	5,832	5,832	-----
2818 SULPHURIC ACID-----	36,672	36,672	36,672	-----	-----	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	167,643	161,614	139,255	22,359	6,029	1,003	5,026
2821 PLASTIC MATERIALS-----	18,771	16,648	16,003	645	2,123	506	1,617
2822 SYNTHETIC RUBBER-----	14,541	14,500	10,224	4,276	41	-----	41
2823 SYNTHETIC (MAN-MADE) FIBERS-----	111	68	-----	68	43	-----	43
2831 DRUGS-----	2,890	460	10	450	2,430	-----	2,430
2841 SOAP-----	650	336	70	326	254	144	110
2851 PAINTS-----	11,770	1,502	-----	1,502	10,268	6,348	3,920
2871 NITROGENOUS CHEM FERTILIZERS-----	171,076	171,076	99,146	71,930	-----	-----	-----
2872 POTASSIUM CHEM FERTILIZERS-----	636,853	636,853	636,853	-----	-----	-----	-----
2873 PHOSPHATIC CHEM FERTILIZERS-----	50,110	50,110	50,110	-----	-----	-----	-----
2876 INSECTICIDES, DISINFECTANTS-----	222	21	-----	21	201	-----	201
2879 FERTILIZER AND MATERIALS, NEC-----	10,346	10,346	31	10,315	-----	-----	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	17,369	325	1	324	17,044	15,839	1,205
PETROLEUM & COAL PRODUCTS							
2911 GASOLINE-----	141,588	141,588	141,588	-----	-----	-----	-----
2913 KEROSENE-----	13,162	6,019	6,019	-----	7,163	7,163	-----
2914 DISTILLATE FUEL OIL-----	258,220	258,220	258,220	-----	-----	-----	-----
2915 RESIDUAL FUEL OIL-----	365,764	360,222	360,222	-----	5,542	5,542	-----
2916 LUBRICATING OILS AND GREASES-----	147,304	61,637	61,637	-----	85,667	85,666	1
2917 NAPHTHA, PETROLEUM SOLVENTS-----	16,262	4,714	4,714	-----	11,548	11,548	-----
2918 ASPHALT, TAR, AND BITUMENS-----	6,630	-----	-----	-----	6,630	6,630	-----
2920 COKE, PETROLEUM COKE-----	1,530,038	590,587	168,675	421,912	939,449	746,886	192,563
2921 LIQUEFIED GASES-----	2,783	2,498	2,498	-----	285	285	-----
2951 ASPHALT BUILDING MATERIALS-----	5,267	-----	-----	-----	5,267	5,267	-----
2991 PETROLEUM AND COAL PROD, NEC-----	4	1	-----	1	3	-----	3
RUBBER & MISC. PLASTIC PRODUCTS							
3011 RUBBER AND MISC PLASTIC PROD-----	1,569	983	530	453	586	101	485
LEATHER & LEATHER PRODUCTS							
3111 LEATHER AND LEATHER PRODUCTS-----	116	85	-----	85	31	-----	31
STONE, CLAY, GLASS, & CONCRETE PROD.							
3211 GLASS AND GLASS PRODUCTS-----	1,017	508	3	505	509	242	267
3241 BUILDING CEMENT-----	1,316,499	1,171,836	1,132,956	38,880	144,663	144,663	-----
3251 STRUCTURAL CLAY PRODUCTS-----	7,738	7,241	-----	7,241	497	-----	497
3281 CUT STONE AND STONE PRODUCTS-----	548	548	41	507	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	561	104	23	81	457	142	315
PRIMARY METAL PRODUCTS							
3311 PIG IRON-----	83,162	83,153	47,238	35,915	9	9	-----
3312 SLAG-----	248,653	248,653	248,621	32	-----	-----	-----
3314 IRON AND STEEL PRIMARY FORMS-----	341,018	303,429	-----	303,429	37,589	-----	37,589
3315 IRON, STEEL SHAPED, EXC SHEETS-----	386,594	387,913	3,765	384,148	681	-----	681
3316 IRON AND STEEL PLATES, SHEETS-----	2,315,352	1,523,473	3,380	1,520,093	791,879	1,746	790,133
3317 IRON AND STEEL PIPE AND TUBE-----	32,632	32,602	184	32,418	30	22	8
3318 FERROALLOYS-----	76,144	76,144	3,955	72,189	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	13,462	13,461	3,020	10,441	1	-----	1
3321 NONFERROUS METALS, NEC-----	17,656	1,454	-----	454	17,202	1,709	15,493
3322 COPPER ALLOYS, UNWORKED-----	1,537	1,472	-----	1,472	65	7	58
3323 LEAD AND ZINC, UNWORKED-----	62,082	62,082	-----	62,082	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	7,555	7,521	870	6,651	34	-----	34
FABRICATED METAL PRODUCTS, EXCEPT ORDNANCE, MACHINERY, & TRANS. EQUIP.							
3411 FABRICATED METAL PRODUCTS-----	13,124	7,601	120	7,481	5,323	4,399	1,124
MACHINERY, EXCEPT ELECTRICAL							
3511 MACHINERY, EXCEPT ELECTRICAL-----	80,383	41,874	21,833	20,041	38,509	6,230	30,279
ELECTRICAL MACHINERY, EQUIPMENT, SUPPLIES							
3611 ELECTRICAL MACH AND EQUIP-----	4,293	3,194	645	2,549	1,099	613	486

TABLE 2B--SUMMARY OF FOREIGN COMMERCE AT GREAT LAKES PORTS, BY COMMODITY, CALENDAR YEAR 1989--CONTINUED

(IN TONS OF 2,000 POUNDS)

COMMODITY	TOTAL	IMPORTS			EXPORTS		
		TOTAL	CANADIAN	OVERSEAS	TOTAL	CANADIAN	OVERSEAS
TRANSPORTATION EQUIPMENT							
3711 MOTOR VEHICLES, PARTS, EQUIP-----	712,182	211,074	208,983	2,091	501,108	494,456	6,652
3721 AIRCRAFT AND PARTS-----	9	9	9				
3731 SHIPS AND BOATS-----	468	1		1	467	334	133
3791 MISC TRANSPORTATION EQUIPMENT-----	481	460	75	385	21	8	13
INSTRUMENTS, PHOTOGRAPHIC & OPTICAL GOODS, WATCHES & CLOCKS							
3811 INSTR, TIME, PHOTO, OPT GOODS-----	384	225	2	223	159	2	157
MISC. PRODUCTS OF MANUFACTURING							
3911 MISC MANUFACTURED PRODUCTS-----	543	509		509	334		334
WASTE & SCRAP MATERIALS							
4011 IRON AND STEEL SCRAP-----	871,962	12,020	7,536	5,292	859,154	39,869	619,285
4012 NONFERROUS METAL SCRAP-----	60,422	57,353	76	57,277	11,069		11,069
4022 TEXTILE WASTE, SCRAP, SWEEP-----	185	67		67	118		118
4024 PAPER WASTE AND SCRAP-----	380				380	163	217
4029 WASTE AND SCRAP, NEC-----	3,082				3,082	3,082	
SPECIAL ITEMS							
4111 WATER-----	10	10		10			
4112 COMMODITIES, NEC-----	9,712	5,657	4,602	1,055	4,055	86	3,969

NATIONAL SUMMARIES

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TABLE 3--COMMERCE AT SELECTED PORTS EXCLUDING GREAT LAKES PORTS, CALENDAR YEAR 1969

(IN TONS OF 2,000 POUNDS)

PORT	TOTAL	FOREIGN		DOMESTIC					
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		LOCAL	
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS		
ALABAMA									
BUNTERSVILLE-----	1,858,005	-----	-----	-----	-----	1,291,077	565,384	1,544	
MOBILE HARBOR-----	39,980,262	6,623,013	11,830,592	1,146,953	1,088,955	12,116,651	6,490,611	681,287	
ALASKA									
ANCHORAGE-----	2,252,857	280,385	120,023	1,308,841	173,014	292	23,202	347,100	
KETCHIKAN HARBOR-----	2,293,741	85,102	939,212	330,506	118,979	633,920	181,981	4,041	
METLAKATLA HARBOR-----	567,765	-----	155,820	4,796	19,268	297,614	90,267	-----	
SITKA HARBOR-----	881,161	62,203	172,692	135,004	21,821	478,881	10,560	-----	
SKAGWAY HARBOR-----	1,444,558	298,165	1,118,051	28,193	149	-----	-----	-----	
VALDEZ HARBOR-----	95,436,011	7,379	3,580	65,503	95,358,416	300	473	360	
WRANGELL HARBOR-----	437,863	913	67,608	9,649	9,176	248,140	100,477	1,900	
ARKANSAS									
HELENA-----	1,459,808	-----	-----	-----	-----	490,546	969,262	-----	
CALIFORNIA									
ELLWOOD-----	402,137	-----	-----	-----	-----	-----	-----	-----	
HUMBOLDT HARBOR AND BAY-----	1,762,627	35,057	770,706	496,859	78,826	10,739	370,440	-----	
LONG BEACH HARBOR-----	54,807,692	10,647,491	12,918,921	23,714,899	1,320,697	3,004,035	978,539	2,223,110	
LOS ANGELES HARBOR-----	47,272,062	13,492,146	11,261,409	11,471,021	4,344,625	1,086,909	3,005,629	2,612,123	
MOSS LANDING HARBOR-----	278,407	-----	-----	220,427	-----	3,380	58,600	-----	
OAKLAND HARBOR-----	9,999,668	2,864,707	4,479,168	418,861	1,045,786	1,119,052	72,094	-----	
PORT HUENEME-----	748,733	330,493	61,637	284,951	36,405	31,069	2,178	-----	
REDWOOD CITY HARBOR-----	940,682	143,163	287,245	80,366	181,450	150,238	102,200	-----	
RICHMOND HARBOR-----	25,103,335	2,529,195	3,781,847	8,315,300	2,198,355	2,042,889	5,915,573	360,176	
SACRAMENTO-----	1,294,744	141,054	799,825	346,023	7,795	47	-----	-----	
SAN DIEGO-----	1,741,166	729,056	208,449	336,627	52,760	132,436	-----	281,318	
SAN FRANCISCO HARBOR-----	3,359,280	1,008,913	328,102	22,399	27,606	410,107	1,064,153	-----	
STOCKTON-----	2,137,592	786,073	1,287,675	62,704	-----	1,140	-----	-----	
CONNECTICUT									
BRIDGEPORT HARBOR-----	2,646,349	497,861	2,740	2,027,776	116,782	-----	-----	1,190	
NEW HAVEN HARBOR-----	9,479,968	3,201,478	348,605	5,445,179	382,400	-----	-----	102,306	
NEW LONDON HARBOR-----	1,249,657	205,404	5,948	722,020	292,013	-----	60	24,212	
NORWALK HARBOR-----	545,850	-----	-----	537,043	-----	-----	-----	8,807	
STAMFORD HARBOR-----	892,891	-----	-----	838,174	54,717	-----	-----	-----	
DELAWARE									
NEW CASTLE AND VICINITY-----	9,296,968	4,254,640	42,665	130,598	1,514,926	1,988,749	1,343,013	22,377	
WILMINGTON HARBOR-----	3,738,484	2,190,747	284,821	60,929	20,762	915,347	238,733	27,195	
DISTRICT OF COLUMBIA									
WASHINGTON HARBOR-----	558,685	-----	-----	-----	-----	558,685	-----	-----	
FLORIDA									
CANAVERAL HARBOR-----	2,316,535	1,019,364	205,973	625,936	-----	10,596	374,666	-----	
CHARLOTTE HARBOR-----	955,446	-----	-----	329,007	-----	14,488	611,734	217	
FERNANDINA HARBOR-----	405,591	64,641	236,512	-----	-----	99,595	4,843	-----	
JACKSONVILLE HARBOR-----	15,002,231	4,428,026	2,438,807	5,081,026	1,623,934	118,628	810,504	501,306	
MIAMI HARBOR-----	4,492,466	1,721,972	1,611,231	531,439	526,942	14,772	86,110	-----	
PALM BEACH HARBOR-----	2,519,026	604,979	558,879	261,161	866,256	703	27,048	-----	
PANAMA CITY HARBOR-----	2,495,307	54,105	507,451	-----	-----	1,884,412	89,339	-----	
PENSACOLA HARBOR-----	1,656,897	17,989	330,417	10,667	31,557	820,028	446,239	-----	
PORT EVERGLADES HARBOR-----	14,684,674	3,917,978	911,760	9,487,707	280,487	71,726	15,016	-----	
TAMPA HARBOR-----	49,286,790	5,655,572	15,461,397	20,840,772	7,259,165	38,912	8,045	16,927	
WEDDON ISLAND-----	769,609	-----	-----	-----	-----	-----	-----	-----	
GEORGIA									
BRUNSWICK HARBOR-----	2,029,882	1,196,873	616,072	-----	4,933	189,690	19,830	2,480	
SAVANNAH HARBOR-----	12,830,333	4,992,710	5,399,510	1,413,617	361,355	83,254	215,868	363,799	
HAWAII									
BARBERS POINT HARBOR, OAHU-----	7,374,418	3,709,321	148,505	2,765,519	661,294	-----	89,779	-----	
HILO HARBOR, HAWAII-----	1,569,142	31,291	-----	1,158,771	379,080	-----	-----	-----	
HONOLULU HARBOR, OAHU-----	10,360,134	815,645	192,764	4,561,160	4,622,791	-----	53,479	114,295	
KAPULUHI HARBOR, MAUI-----	2,278,516	12,888	10,514	1,649,487	605,627	-----	-----	-----	
KAHALUKE HARBOR, HAWAII-----	732,392	10,788	1,419	445,567	274,598	-----	-----	-----	
KAILUAHOLE HARBOR, KAUAI-----	1,038,452	7,275	-----	673,363	357,814	-----	-----	-----	
INDIANA									
MOUNT VERNON-----	6,214,838	-----	-----	-----	200	876,802	5,331,374	6,462	

* TONNAGE BY TYPE OF TRAFFIC NOT REPORTED.

TABLE 3--COMMERCE AT SELECTED PORTS EXCLUDING GREAT LAKES PORTS, CALENDAR YEAR 1989--CONTINUED

(IN TONS OF 2,000 POUNDS)

PORT.	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INTERNAL		
						RECEIPTS	SHIPMENTS	
KENTUCKY								
LOUISVILLE-----	7,660,322	-----	-----	-----	-----	5,962,615	1,692,895	24,812
LOUISIANA								
BATON ROUGE-----	82,399,896	19,918,683	14,347,353	2,421,046	3,000,458	16,546,335	24,495,137	1,670,884
LAKE CHARLES (CALCASIEU RIVER AND PASS)-----	40,813,125	16,802,458	4,914,905	946,351	3,613,693	5,846,108	6,944,726	644,883
LAKE PROVIDENCE-----	618,060	-----	-----	-----	-----	455,566	162,514	-----
NEW ORLEANS-----	177,522,833	19,023,530	50,406,692	2,384,490	15,654,416	58,327,062	17,956,416	3,770,267
MAINE								
BUCKSPORT HARBOR-----	1,091,702	720,864	26,399	321,292	-----	-----	23,147	-----
PORTLAND HARBOR-----	9,161,682	6,036,676	66,056	1,981,142	45,072	20,357	-----	32,379
SEARSPORT HARBOR-----	1,083,166	606,096	40,018	428,734	8,318	-----	-----	-----
MARYLAND								
BALTIMORE HARBOR AND CHANNELS-----	40,883,667	16,120,868	14,230,702	2,356,643	3,139,800	4,446,555	1,052,705	3,534,394
MASSACHUSETTS								
FALL RIVER HARBOR-----	4,803,201	201,204	-----	4,431,538	53,616	92,777	24,066	-----
NEW BEDFORD AND FAIRHAVEN HARBOR-----	456,433	63,915	1,572	214,994	79,615	39,416	187	56,736
PORT OF BOSTON-----	18,969,416	11,585,226	569,192	5,414,001	668,599	47,399	-----	578,999
SALEM HARBOR-----	1,339,719	327,083	-----	1,012,636	-----	-----	-----	-----
VINEYARD HAVEN HARBOR-----	294,821	-----	-----	239,292	55,529	-----	-----	-----
MINNESOTA								
MINNEAPOLIS-----	1,522,622	-----	-----	-----	-----	854,120	668,502	-----
ST. PAUL-----	6,289,835	-----	-----	-----	-----	3,480,731	2,809,084	-----
MISSISSIPPI								
BILOXI HARBOR-----	1,868,761	-----	-----	4,257	2,200	1,798,625	63,679	-----
GREENVILLE-----	2,121,521	-----	-----	-----	-----	1,315,627	805,894	-----
GULFPORT HARBOR-----	891,318	570,322	151,901	-----	-----	113,619	56,076	-----
NATCHEZ-----	465,079	-----	-----	-----	-----	272,548	192,731	-----
PASCAGOULA HARBOR-----	31,545,792	16,091,204	3,166,560	199,289	5,755,965	1,801,764	4,515,343	15,667
VICKSBURG-----	3,238,320	63	6	-----	-----	2,276,573	961,678	-----
MISSOURI								
PORT OF KANSAS CITY-----	1,890,059	-----	-----	-----	-----	257,840	576,909	1,055,310
PORT OF METROPOLITAN ST. LOUIS-----	26,037,347	-----	-----	-----	-----	6,488,258	17,755,023	1,794,066
NEW HAMPSHIRE								
PORTSMOUTH HARBOR-----	3,476,279	1,952,478	314,727	1,184,167	16,990	-----	-----	5,917
NEW JERSEY								
CAMDEN - GLOUCESTER-----	7,624,759	2,608,728	1,485,926	836,319	516,171	1,053,074	1,108,810	15,731
PAULSBORO AND VICINITY-----	21,445,977	12,677,262	297,509	573,126	2,333,006	2,939,324	2,336,721	287,029
TRENTON HARBOR-----	1,327,472	-----	-----	-----	-----	1,327,472	-----	-----
NEW YORK								
HEMPSTEAD HARBOR-----	1,130,707	-----	-----	1,125,088	5,619	-----	-----	-----
PORT CHESTER HARBOR-----	427,526	-----	-----	30,256	-----	216,115	-----	181,155
PORT JEFFERSON HARBOR-----	2,801,235	307,496	4,750	2,321,890	167,099	-----	-----	-----
PORT OF ALBANY-----	7,325,397	1,526,849	341,948	769,774	31,836	4,393,901	243,207	17,882
PORT OF NEW YORK-----	148,590,443	47,121,436	7,177,929	22,746,884	23,667,575	3,821,049	14,523,131	29,532,469
TARRYTOWN HARBOR-----	597,189	-----	-----	16,399	-----	380,790	-----	-----
NORTH CAROLINA								
NOREHEAD CITY HARBOR-----	6,128,965	622,038	2,132,894	479,947	36,793	2,178,678	669,703	8,912
PORT OF WILMINGTON-----	6,498,662	2,275,293	962,208	2,505,371	33,449	28,777	639,211	58,353
OHIO								
CINCINNATI-----	11,556,801	-----	-----	-----	-----	9,566,835	1,973,621	16,345
OREGON								
COOS BAY-----	6,985,814	3,167	4,672,450	210,445	88,604	267,610	1,280,720	492,810
OREGON SLOUGH (NORTH PORTLAND HARBOR)-----	2,284,496	349,916	1,295,328	12,099	94,470	195,282	137,401	-----
PORT OF ASTORIA-----	1,124,303	71,440	944,150	-----	4,007	154,389	17,126	-----
PORT OF PORTLAND-----	30,029,747	3,074,417	14,970,832	2,429,834	519,857	5,014,635	2,918,298	1,101,900
YAGUINA BAY AND HARBOR-----	384,705	-----	179,816	-----	183,228	21,561	-----	-----

NATIONAL SUMMARIES

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TABLE 3--COMMERCE AT SELECTED PORTS EXCLUDING GREAT LAKES PORTS, CALENDAR YEAR 1989--CONTINUED

(IN TONS OF 2,000 POUNDS)

PORT	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
PENNSYLVANIA								
CHESTER-----	1,358,959	725,352	214,008	10,775	-----	397,469	11,355	-----
MARCUS HOOK AND VICINITY-----	29,903,912	14,713,661	133,077	2,600,627	2,208,770	6,988,032	2,878,904	380,841
PENN HARBOR AND VICINITY-----	3,645,099	3,202,512	98,086	12,030	-----	259,045	73,426	-----
PHILADELPHIA HARBOR-----	36,080,212	19,968,993	2,915,912	1,212,903	1,958,780	6,404,277	2,409,166	1,170,181
PITTSBURGH-----	33,416,374	-----	-----	-----	1,000	25,707,460	3,821,544	3,886,370
RHODE ISLAND								
NEWPORT HARBOR-----	556,117	523,176	223	-----	-----	31,681	1,037	-----
PROVIDENCE RIVER AND HARBOR-----	7,857,006	3,148,231	478,354	3,396,490	468,564	136,078	83,073	146,216
SOUTH CAROLINA								
CHARLESTON HARBOR-----	9,633,632	2,491,663	3,829,340	2,826,075	313,507	47,236	54,262	71,549
GEORGETOWN HARBOR (MIVYAN BAY)-----	876,604	786,843	31,025	5,321	-----	15,753	37,662	-----
TENNESSEE								
CHATTANOOGA-----	2,262,627	-----	-----	-----	-----	2,208,927	53,900	-----
ANDRVILLE-----	252,660	-----	-----	-----	-----	188,262	64,398	-----
MEMPHIS-----	11,843,550	276	-----	-----	-----	8,466,052	3,075,547	297,675
PORT OF NASHVILLE-----	3,548,754	-----	-----	-----	-----	3,152,089	195,852	813
TEXAS								
BEAUMONT-----	31,666,257	7,163,459	3,454,752	5,210,047	3,567,446	5,521,028	6,082,209	669,316
BROWNSVILLE-----	1,360,964	271,507	137,755	3,500	50,424	835,218	60,254	2,306
CORPUS CHRISTI-----	58,440,714	30,663,160	5,046,923	226,033	9,356,134	2,335,505	8,975,189	1,837,770
FREEPORT HARBOR-----	15,176,018	5,376,422	1,327,775	3,175,626	497,360	2,375,053	2,326,812	96,909
GALVESTON (GALVESTON CHANNEL)-----	11,837,611	2,131,671	5,541,054	278,537	2,445,196	975,178	422,088	44,087
HARBOR ISLAND-----	2,063,640	1,996,159	-----	-----	-----	25,465	42,016	-----
HOUSTON (HOUSTON SHIP CHANNEL)-----	125,583,156	39,760,085	23,765,308	4,041,459	9,557,842	22,538,025	16,073,629	9,848,808
KATAGORDA SHIP CHANNEL-----	4,715,349	3,274,974	203,717	-----	-----	506,616	730,042	-----
ORANGE-----	727,454	100	42,678	-----	-----	542,497	142,179	-----
PORT ARTHUR-----	31,127,913	16,626,216	3,012,713	896,189	2,480,953	1,995,147	5,933,388	180,311
PORT ISABEL-----	263,335	-----	-----	-----	-----	112,246	151,089	-----
SABINE PASS HARBOR-----	726,141	961	-----	-----	-----	506,944	418,236	-----
TEXAS CITY (TEXAS CITY CHANNEL)-----	41,272,401	20,170,819	1,932,022	2,958,100	3,966,369	4,901,675	7,085,313	257,183
VICTORIA-----	3,142,614	-----	-----	-----	-----	1,548,475	1,794,139	-----
VIRGINIA								
NORFOLK HARBOR-----	52,055,188	5,589,966	36,122,462	1,019,358	2,021,234	3,644,003	2,744,608	913,557
PORT OF HOPEWELL-----	1,566,751	22,291	466,156	1,700	154,972	566,183	357,449	-----
PORT OF NEWPORT NEWS-----	21,951,818	709,238	18,574,341	70,908	682,986	537,593	1,273,721	3,031
PORT OF RICHMOND-----	2,295,162	169,527	246,935	164,215	201,306	1,168,879	316,137	8,163
WASHINGTON								
ANACORTES HARBOR-----	13,169,491	1,589,281	1,125,124	7,258,599	1,964,486	178,340	1,043,061	10,600
BELLINGHAM BAY AND HARBOR-----	1,769,318	281,427	358,903	152,347	526,914	174,306	286,141	9,280
EVERETT HARBOR AND SNOHOMISH RIVER-----	6,035,548	312,696	1,732,946	-----	-----	1,395,679	831,326	1,762,901
GRAYS HARBOR AND CHERALIS RIVER-----	5,346,920	44,603	3,035,932	67,099	99,312	-----	-----	2,101,974
HAMMERSLEY INLET-----	419,526	-----	-----	-----	-----	28,689	390,637	-----
OLYMPIA HARBOR-----	1,196,385	2,143	704,465	-----	50,569	201,504	234,098	3,606
PORT ANGELES HARBOR-----	2,836,504	248,944	1,732,223	-----	-----	196,808	412,691	245,838
PORT GAMBLE HARBOR-----	566,165	-----	-----	-----	109,081	294,086	162,998	-----
PORT OF KALAMAZOO-----	7,032,855	47,739	6,192,693	-----	228,480	542,286	1,657	-----
PORT OF LONGVIEW-----	8,023,541	884,069	5,677,300	67,615	70,113	1,236,783	31,958	55,523
PORT OF VANCOUVER-----	3,459,325	651,445	1,305,309	31,929	6,581	1,363,728	98,329	2,004
PORT TOWNSEND HARBOR-----	536,243	240,535	27,472	-----	-----	221,217	47,019	-----
SEATTLE HARBOR-----	21,763,451	5,630,496	8,903,433	1,120,149	1,419,386	3,060,878	985,662	643,427
TACOMA HARBOR-----	22,450,622	5,107,113	12,836,602	1,132,987	932,036	1,712,968	340,926	387,990
WILLAPA RIVER AND HOR AND NASELLE RIVER	265,204	-----	-----	-----	-----	263,104	-----	2,100
WEST VIRGINIA								
HUNTINGTON-----	15,707,397	-----	-----	-----	-----	303,072	15,404,325	-----
PUERTO RICO								
FAJARDO HARBOR-----	262,090	-----	18,381	-----	-----	158,629	75,080	-----
MAYAGUEZ HARBOR-----	514,522	290,942	1,754	45,984	31,233	135,832	8,777	-----
PONCE HARBOR-----	650,638	442,846	125,310	22,759	158	59,565	-----	-----
SAN JUAN HARBOR-----	13,873,968	4,125,695	662,996	4,694,380	1,666,421	2,005,521	718,955	-----
VIRGIN ISLANDS								
CHRISTIANSTED HARBOR, ST. CROIX-----	1,492,857	1,263,969	106,615	-----	-----	122,263	10	-----
ST. THOMAS HARBOR-----	394,616	57,878	60,889	57	-----	267,306	8,466	-----

Waterborne Commerce of the United States, 1989

TABLE 3A--COMMERCE AT SELECTED AREAS, CALENDAR YEAR 1989

(IN TONS OF 2,000 POUNDS)

AREA	NET TOTAL (DUPLICATIONS IN AREA ELIMINATED)	TOTAL	FOREIGN		DOMESTIC			
			IMPORTS	EXPORTS	COASTWISE	LAKEWISE	INTERNAL	LOCAL
DELAWARE RIVER AND TRIBUTARIES, TRENTON, N. J., TO THE SEA								
BURLINGTON-FLORENCE-ROEBLING, N. J.,	740,193	309,253	417	3,897	434,126		500	
CAMDEN-GLOUCESTER, N. J.,	7,624,759	2,608,728	1,485,926	1,352,490	2,161,884		15,731	
CHESTER, PA.,	1,358,959	725,352	214,008	10,775	408,824			
LOWER DELAWARE BAY, DEL.,	20,146,930	5,747,474	27	726,119	13,673,310			
MARCUS Hook, PA., AND VICINITY	29,903,912	14,713,661	133,077	4,809,397	9,886,936		380,841	
NEW CASTLE, DEL., AND VICINITY	9,296,968	4,254,640	42,665	1,645,524	3,331,762		22,377	
PAULSBORO, N. J., AND VICINITY	21,445,977	12,677,262	297,509	2,906,132	5,276,045		287,029	
PENN WARD, PA., AND VICINITY	3,643,099	3,202,512	98,086	12,030	332,471			
PENNSGROVE-CARNEY POINT, N. J.,	264,185	90,631	72,304	13,481	87,769			
PHILADELPHIA HARBOR, PA.,	36,080,212	19,988,993	2,915,912	3,171,663	8,813,443		1,170,181	
TOMPSON POINT, N. J., AND VICINITY	285,867	70,711		73,271	141,885			
TRENTON HARBOR, N. J.,	1,327,472				1,327,472			
WILMINGTON HARBOR, DEL.,	3,738,484	2,190,747	284,821	81,691	1,154,080		27,145	
OTHER	109,651				106,493		3,158	
TOTAL	115,128,748	135,956,648	66,579,964	5,544,752	14,806,490		47,118,480	1,906,962
HAMPTON ROADS, VA.,								
HAMPTON CREEK, VA.,	422,020						422,017	3
NORFOLK HARBOR, VA.,	52,055,188	5,589,966	30,122,462	3,040,592	6,388,611		913,557	
PORT OF NEWPORT NEWS, VA.,	21,851,818	709,238	18,574,341	753,894	1,811,314		3,031	
TOTAL	74,066,454	74,329,026	6,299,204	54,696,803	3,794,486		8,621,942	916,591
CORPUS CHRISTI BAY, TEX.,								
CORPUS CHRISTI, TEX.,	58,440,714	30,663,160	5,046,923	9,582,167	11,310,694		1,637,770	
HARBOR ISLAND, TEX.,	2,065,640	1,996,159			67,481			
TOTAL	60,478,858	60,504,354	32,659,319	5,046,923	9,582,167		11,378,175	1,637,770
SAN FRANCISCO BAY, CALIF.,								
CARQUINEZ STRAIT, CALIF.,	20,878,491	1,011,605	2,785,031	12,751,742	4,179,805		150,308	
OAKLAND HARBOR, CALIF.,	9,999,668	2,864,707	4,479,168	1,464,647	1,191,146			
PETALUMA RIVER, CALIF.,	351,414				351,414			
REDWOOD CITY, CALIF.,	944,682	143,163	287,245	261,836	252,438			
RICHMOND HARBOR, CALIF.,	25,103,335	2,529,195	3,781,847	10,513,655	7,958,462		320,176	
SACRAMENTO RIVER, CALIF.,	1,440,403	141,054	799,825	353,818	145,706			
SAN FRANCISCO HARBOR, CALIF.,	3,359,280	1,008,913	826,102	50,005	1,474,260			
SAN JOAQUIN RIVER AND TRIBUTARIES	9,130,924	1,244,552	1,648,264	282,051	608,680			
SAN PABLO BAY AND MARE ISLAND STRAIT, CALIF.	2,239,564	73,767	400,604	4,235,695	2,723,778		1,697,080	
SUISUN BAY CHANNEL, CALIF.,	2,239,564	51,571	514,302	760,492	913,199			
OTHER	23,967,452	274,734	153,976	8,373,537	14,641,928		323,277	
TOTAL	83,904,444	101,198,760	9,343,261	15,676,364	39,047,478		34,640,816	2,490,841
CHICAGO, ILL. AND IND.,								
BUFFINGTON HARBOR, IND.,	994,695	21,132	59,235		864,444		49,884	
GARY HARBOR, IND.,	8,305,159	11,448	79,235		7,982,845		231,631	
INDIANA HARBOR, IND.,	15,054,899	621,562	48,290		13,702,169		605,071	77,807
PORT OF CHICAGO, ILL.,	23,445,821	3,162,718	1,078,530	5,002	4,298,025		12,388,466	2,513,080
TOTAL	47,386,624	47,800,574	3,816,860	1,265,290	5,002	26,847,483	13,275,052	2,590,867

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TABLE 4--COMMERCE AT SELECTED PORTS ON THE GREAT LAKES, CALENDAR YEAR 1969
(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	25,045,821	1,007,418	1,355,500	742,504	336,226	2,949,057	1,368,988		5,002	12,388,466	2,513,080
KAUKEGAN HARBOR	470,047					470,047					
INDIANA											
BUFFINGTON HARBOR	986,695										
BURNS WATERWAY HARBOR	5,605,318	1,653,518	165,662	95,529	404,808	5,567,782	88,434			718,585	
GARY HARBOR	8,305,159										
INDIANA HARBOR	15,054,899	519,326	506,236	29,125	19,165	11,874,425	1,827,744			605,071	77,607
MICHIGAN											
ALABASTER	492,923										
ALPENA HARBOR	2,397,107	20,316		112,944		433,295	1,830,552				
CALCITE	9,238,094										
CHARLEVOIX HARBOR	1,455,686					261,777	1,193,911				
DRUMMOND ISLAND	819,870					2,000	817,870				
ESCANABA	9,787,196										
GRAND HAVEN HARBOR AND GRAND RIVER	1,533,190	96,645		280,527	13,200	570,192	512,826				
HOLLAND HARBOR	361,220	29,030			10,697	326,495					
LUDINGTON HARBOR	1,179,200				2,204	671,258	505,757				
MANISTEE HARBOR	324,698	30				324,668					
MARINE CITY	527,505					327,503					
MARQUETTE HARBOR	770,414		20			770,394					
MAKESVILLE	558,896	115,947		120,391	24	317,825	4,709				
MONROE HARBOR	1,489,864	77,141		9,976		1,402,745					
MUSKEGON HARBOR	1,976,850	6,038			29,375	1,844,388	697				
PORT CHARLOTTE	5,535,510										
PORT ST. JOSEPH	457,102										
PORT WUDDY	1,034,952	577,404	4,105	237,042	28,353	387,038					
PORT WUDDY	1,034,952	577,404	4,105	237,042	28,353	387,038					
PORT INLAND	3,456,287										
PORT FULTON	20,700,867	1,538,497	1,070,928	334,956	863,934	16,365,244	517,340				14,548
PRESCOTT ISLE HARBOR	12,155,757	54		1,572,550	398	1,534,480	7,026,515				
ST. CLAIR	5,756,194					5,756,194					
ST. JOSEPH HARBOR	385,508					385,508					
STONEPORT	6,887,828										
MINNESOTA											
DULUTH - SUPERIOR HARBOR	46,802,541	817,508	39,558	3,948,512	2,233,500	2,727,823	30,756,498				279,596
TACONITE HARBOR	6,981,066										
TWO HARBORS (AGATE BAY)	10,535,909					5,814	10,529,095				
NEW YORK											
OSWEGO HARBOR	785,642	610,642	6,512		1,032	32,950				98,768	
PORT OF BUFFALO	2,145,188	178,856	139	29,133	5,485	1,708,637	32,936				
OHIO											
ASHTABULA HARBOR	19,322,453	230,100	222,562	3,753,217	147,641	5,053,677	916,598				
CLEVELAND HARBOR	14,667,619	2,772,647	342,109	461,510	215,001	10,171,120	524,482				2,421
CONNEAUT HARBOR	9,069,513	69,980		5,137,966		2,463,057	1,257,387				
FAIRPORT HARBOR	2,634,271	72,877		393,920		1,681,206	373,362				115,096
MURON HARBOR	590,005	52,834		47,362		489,809					
LORAIN HARBOR	14,588,173	5,504			9,387	8,603,856	5,944,328				
MARBLEHEAD	912,141										
SAUNDERS HARBOR	4,485,328	9,918		1,557,213	13,574	269,620	834,471				532
TOLEDO HARBOR	14,805,633	683,804	286,516	4,893,667	557,432	4,059,061	4,252,482				72,671
PENNSYLVANIA											
ERIE HARBOR	733,503	150,201	7,871		87,556	328,797					179,081
WISCONSIN											
DULUTH - SUPERIOR HARBOR	46,802,541	817,508	39,558	3,948,512	2,233,500	2,727,823	30,756,498				279,596
GREEN BAY HARBOR	1,546,870	59,841	54,403		59,796	1,372,830					
MILWAUKEE	2,379,208	472,823	65,403	302,456	109,866	1,345,662					

* TONNAGE BY TYPE OF TRAFFIC NOT REPORTED

TABLE 5-- COMMERCE ON SELECTED WATERWAYS OF THE UNITED STATES, CALENDAR YEAR 1989
(IN TONS OF 2,000 POUNDS)

WATERWAY	TONS	TOTAL TON- MILES (000 OMITTED)	MILES PER TON
ATLANTIC COAST			
ANACOSTIA RIVER, D. C.	558,685	1,117	2
APPOMATTOX RIVER, VA.	1,156,718	10,303	9
ATLANTIC INTRACOASTAL WATERWAY ¹			
BETWEEN NORFOLK, VA., AND THE ST. JOHNS RIVER, FLA. (NET)	4,875,993	451,188	93
U. S. ARMY ENGINEER DISTRICT, NORFOLK - VIA DISMAL SWAMP CANAL ROUTE	152,848	4,480	29
U. S. ARMY ENGINEER DISTRICT, NORFOLK - VIA GREAT BRIDGE LOCK ROUTE	1,151,327	17,288	15
U. S. ARMY ENGINEER DISTRICT, WILMINGTON	3,404,089	281,441	81
U. S. ARMY ENGINEER DISTRICT, CHARLESTON	513,547	87,318	170
U. S. ARMY ENGINEER DISTRICT, SAVANNAH	148,335	47,872	64
U. S. ARMY ENGINEER DISTRICT, JACKSONVILLE	545,338	12,891	24
BAY RIDGE AND RED HOOK CHANNELS, N. Y.	2,945,329	7,832	3
BLACKWATER RIVER, VA.	387,755	5,041	13
BRETON BAY, MD.	920,820	5,501	6
BUTTERMILK CHANNEL, N. Y.	850,456	1,603	2
CAPE COD CANAL, MASS.	13,285,759	209,424	16
CAPE FEAR RIVER ABOVE WILMINGTON, N. C.	180,237	8,932	50
CHANNEL TO NEWPORT NEWS, VA.	27,574,813	137,874	5
CHELSEA RIVER, MASS.	7,888,946	21,276	3
CHOPTANK RIVER, MD.	392,379	5,837	15
CHODMAN RIVER, N. C.	387,856	18,937	49
CONNEY ISLAND CHANNEL, N. Y.	1,566,267	1,586	1
CONNECTICUT RIVER BELOW HARTFORD, CONN.	1,435,259	53,327	37
DELAWARE RIVER ¹			
TRENTON, N. J., TO THE SEA (NET)	117,299,847	8,800,762	76
AT CAMDEN, N. J.	4,162,927		
BETWEEN PHILADELPHIA, PA., AND TRENTON, N. J.	11,232,452	203,640	18
PHILADELPHIA, PA., TO THE SEA	116,860,915	8,659,732	74
EAST CHESTER CREEK, N. Y.	1,612,944	7,435	5
EAST RIVER, N. Y.	38,137,740	520,648	14
EAST ROCKAWAY INLET, N. Y.	1,111,226	1,111	1
FLUSHING BAY AND CREEK, N. Y.	1,067,239	3,997	2
GOMANUS CANAL, N. Y.	544,500	818	2
GOMANUS CREEK CHANNEL, N. Y.	3,668,772	3,669	1
GRAVESEND BAY, N. Y.	1,987,871	2,249	1
HACKENBACK RIVER, N. J.	2,503,725	17,610	7
HAMPTON CREEK, VA.	422,020	1,256	3
HARLEM RIVER, N. Y.	268,785	832	3
HOUSATONIC RIVER, CONN.	335,409	1,646	5
HUDSON RIVER ¹			
DEEP WATER IN UPPER BAY, N. Y., TO WATERFORD, N. Y. (NET)	21,354,991	1,470,714	69
MOUTH OF SPUTNIK DUYVIL CREEK (HARLEM RIVER) TO WATERFORD, N. Y.	18,510,754	1,258,519	68
HUDSON RIVER CHANNEL, N. Y., AND N. J.	20,816,512	212,255	10
INLAND WATERWAY FROM DELAWARE RIVER TO CHEESAPEAKE BAY, DEL. AND MD. - CHEESAPEAKE AND DELAWARE CANAL	17,746,761	817,504	46
INTRACOASTAL WATERWAY ¹			
JACKSONVILLE TO MIAMI, FLA.	536,540	21,142	39
MIAMI TO KEY WEST, FLA.	343,346	31,871	81
JAMAICA BAY, N. Y.	1,614,291	10,668	12
JAMES RIVER, VA.	8,893,784	542,312	61
LITTLE RIVER (CREEK), VA.	507,289	307	1
LOWER ENTRANCE CHANNELS, NEW YORK HARBOR, N. Y.	93,334,555	933,346	10
MIAMI RIVER, FLA.	517,034	1,548	3
MYSTIC RIVER, MASS.	3,046,713	3,055	1
NANTICUKE RIVER (INCLUDING NORTHWEST FORK), DEL. AND MD.	409,154	13,275	32
NARROWS OF LAKE CHAMPLAIN, N. Y. AND VT.	197,378	3,553	18
NEUSE RIVER, N. C.	122,457	3,547	29
NEW YORK AND NEW JERSEY CHANNELS, N. Y. AND N. J.	101,077,879	1,019,814	10
NEWARK BAY, N. J.	26,356,736	94,613	4
NEWPORT NEWS CREEK, VA.	257,585	258	1
NEWTOWN CREEK, N. Y.	2,346,180	3,806	5
NORTHEAST (CAPE FEAR) RIVER, N. C.	404,840	2,024	5
OCCEQUAN CREEK, VA.	840,927	5,010	6
Oyster Bay, N. Y.	473,584	626	1
PANLICO AND TAN RIVERS, N. C.	2,853,582	72,446	25
PASSAIC RIVER, N. J.	7,296,053	11,983	2
PENOBSCOT RIVER, MAINE	1,230,629	12,446	10
PISCATAQUA RIVER, MAINE AND N. H.	3,476,279	15,004	4
POCONO RIVER, MD. AND VA.	592,448	9,500	16
POTOMAC RIVER BELOW WASHINGTON, D. C.	4,295,010	250,908	58
RARITAN RIVER TO ANIMON KILL CUT-OFF CHANNEL, N. J.	2,591,120	2,691	1
RARITAN RIVER, N. J.	3,420,475	7,557	2
ROANOKE RIVER, N. C.	243,067	8,101	33
SCHUTTLICK RIVER, PA.	7,693,534	23,493	3
SHRIMPYARD RIVER, S. C.	1,275,619	1,276	1
ST. JOHNS RIVER, FLA., JACKSONVILLE TO LAKE MARNEY	673,470	69,109	69
SUBSQUAHANNA RIVER ABOVE AND BELOW HAVRE DE GRACE, MD.	898,546	7,176	6
UPPER BAY, NEW YORK HARBOR, N. Y. AND N. J.	567,072	2,842	5
WESTCHESTER CREEK, N. Y.	131,132,844	935,706	3
WYOMOUTH FIVE RIVER, MASS.	583,450	918	2
WICOMICO RIVER (EASTERN SHORE), MD.	1,456,804	11,512	8
WILMINGTON HARBOR, N. C. (SEE PORT OF WILMINGTON, N. C., FOR PORT DATA)	961,072	23,659	25
WOODS HOLE CHANNEL, MASS.	6,781,891	170,760	25
YORK RIVER, VA.	318,088	316	1
	7,031,350	52,871	8
GREAT LAKES			
CALUMET - SAG CHANNEL, ILL.	6,544,155	146,591	22
CHANNELS IN LAKE ST. CLAIR, MICH.	69,851,278		
CHICAGO RIVER (MAIN AND NORTH BRANCH), ILL.	1,709,322	2,587	2
CHICAGO RIVER (SOUTH BRANCH), ILL.	2,219,969	9,183	4
CHICAGO SANITARY AND SHIP CANAL, ILL.	16,907,563	225,066	13

¹ INCLUDED IN DELAWARE RIVER, PHILADELPHIA, PA., TO THE SEA.
² INCLUDED IN ST. CLAIR RIVER, MICH.

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TABLE 5-- COMMERCE ON SELECTED WATERWAYS OF THE UNITED STATES, CALENDAR YEAR 1989--CONTINUED
(IN TONS OF 2,000 POUNDS)

WATERWAY	TONS	TOTAL TON- MILES (000 OMITTED)	MILES PER TON
GREAT LAKES - CONTINUED			
DETROIT RIVER, MICH.	75,661,724	1,925,720	25
GRAYS REEF PASSAGE, MICH.	4,586,653	*	-----
ILLINOIS WATERWAY, ILL.	39,672,047	7,880,999	199
NIAGARA RIVER, N.Y.	500,793	3,670	6
ROUGE RIVER, MICH.	8,043,740	*	-----
SAGINAW RIVER, MICH.	4,673,085	*	-----
ST. CLAIR RIVER, MICH.	70,497,631	2,605,173	34
ST. MARYS FALL CANALS MICHIGAN AND SAULT STE. MARIE, ONTARIO SHIP CANAL, CANADA	75,142,816	*	-----
ST. MARYS RIVER, MICH.	73,469,350	4,431,431	60
GULF COAST			
ALABAMA - COOSA RIVERS, ALA. AND GA.	2,038,298	181,009	89
ANAHUAC CHANNEL, TEX.	316,537	1,593	5
APALACHICOLA, CHATTAHOUCHEE, AND FLINT RIVERS, GA. AND FLA.	747,004	93,059	125
ATCHAFALAYA RIVER, LA., MORGAN CITY TO GULF OF MEXICO	2,863,990	108,362	36
BARATARIA BAY WATERWAY, LA.	1,106,070	10,395	9
BAYOU CASOTTE, MISS.	29,758,946	139,144	5
BAYOU CHICO, FLA.	442,806	490	1
BAYOU LAFOURCHE AND LAFOURCHE - JUMP WATERWAY, LA.	1,335,952	22,312	17
BAYOU LITTLE CALICLOU, LA.	987,013	5,304	5
BAYOU TACHE AND VERMILION RIVER, LA.	943,567	11,862	13
BAYOU TACHE, LA.	1,147,593	43,113	38
BLACK WARRIOR AND TOMBIGBEE RIVERS, ALA.	19,570,336	4,862,584	248
BRASOS ISLAND HARBOR, TEX. (WATERWAY)	1,624,299	8,537	5
CALCASIEU RIVER AND PASS, LA.	40,813,125	1,077,581	26
CEDAR BAYOU, TEX.	308,807	1,286	4
CHANNEL TO PALACIUS, TEX.	4,715,349	118,067	25
CHANNEL TO VICTORIA, TEX.	3,142,614	90,010	29
CHICKASAW CREEK, ALA.	3,149,654	11,863	2
CHOCOLATE BAYOU, TEX.	3,278,422	29,330	9
COLORADO RIVER AND FLOOD DISCHARGE CHANNELS, TEX.	618,147	9,272	15
CORPUS CHRISTI SHIP CHANNEL, TEX.	60,478,658	1,376,192	23
DICKINSON BAYOU, TEX.	475,275	4,383	9
EAST PEARL RIVER, MISS.	299,933	933	3
ESCAMBIA AND CONECHUC RIVERS, FLA. AND ALA., ESCAMBIA BAY, FLA.	1,952,618	39,743	20
FRESHWATER BAYOU, LA.	542,467	9,562	18
GULF COUNTY CANAL, FLA.	3,142,103	15,899	5
GULF INTRACOASTAL WATERWAY BETWEEN APALACHEE BAY, FLA., AND THE MEXICAN BORDER	112,139,177	20,786,364	184
MORGAN CITY - PORT ALLER ROUTE	27,264,185	1,654,458	61
MOYNA NAVIGATION CANAL, LA.	1,105,709	26,263	24
INNERHARBOR NAVIGATION CANAL, LA.	7,389,666	19,256	3
INTRACOASTAL WATERWAY, CALOUSAHATCHEE RIVER TO ANCLOTE RIVER, FLA.	603,118	30,366	38
JOHNSONS BAYOU, LA.	765,454	5,038	4
LAKE PONCHARTRAIN, LA.	1,404,739	29,300	21
MATAGORDA SHIP CHANNEL, TEX.	4,715,349	118,067	25
MERMENEAU RIVER, BAYOUS NEZPIQUE AND DES CAYNES, LA.	1,303,650	43,622	33
MERMENEAU RIVER, LA.	945,614	24,139	26
JACKSONVILLE, FLA.	679,487	18,353	27
PELIT ANSE, TIGRE, AND CARLIN BAYOUS, LA.	1,948,996	8,820	5
SABINE - NECHES WATERWAY, TEX.	96,563,829	2,480,473	25
SAN BERNARD RIVER, TEX.	529,648	15,771	11
ST. MARKS RIVER, FLA.	639,072	7,214	11
THREE MILE CREEK, ALA.	312,091	457	1
TRIBUTARY ARKATU COLORADO, TEX.	728,954	18,328	25
TRINITY RIVER, CHANNEL TO LIBERTY, TEX.	298,916	3,504	12
WATERWAY CONNECTING TOMBIGBEE AND TENNESSEE RIVERS, ALA. AND MISS.	4,346,946	791,309	182
WATERWAY FROM EMPIRE, LA., TO GULF OF MEXICO	1,861,410	11,656	6
WATSON BAYOU, FLA.	705,726	1,090	2
MISSISSIPPI RIVER SYSTEM			
ALLEGHENY RIVER, PA., (IMPROVED PORTION)	3,244,310	52,188	16
ATCHAFALAYA RIVER, LA.	11,052,226	475,783	43
BARKLEY CANAL, CUMBERLAND AND TENNESSEE RIVERS	7,102,306	14,205	2
BIG SANDY RIVER, TUG AND LEVISA FORKS, KY. AND W. VA.	16,140,376	93,360	6
CUMBERLAND RIVER			
MOUTH TO MILE 552 (NET)	13,286,719	1,215,054	91
MOUTH TO NASHVILLE, TENN.	13,286,719	1,185,497	89
NASHVILLE, TENN., TO MILE 552	656,050	29,537	45
FRENCH BROAD AND LITTLE PIGEON RIVERS, KY.	250,920	251	1
GREEN AND BARREN RIVERS, KY.	8,198,554	476,515	58
MASSSEE RIVER, TENN.	857,857	15,728	18
ILLINOIS RIVER, ILL.	36,617,295	7,500,118	205
KANAWHA RIVER, W. VA.	18,905,241	1,269,365	67
KASKASKIA RIVER, ILL.	4,022,062	97,076	24
KENTUCKY RIVER, KY.	226,075	14,695	65
LITTLE KANAWHA RIVER, W. VA.	429,909	1,142	3
LITTLE RIVER, LA.	272,585	27,531	101
MCCLELLAN - KERR ARKANSAS RIVER NAVIGATION SYSTEM	7,926,783	1,788,528	226
MINNESOTA RIVER, MINN.	4,371,252	61,943	14
MISSISSIPPI RIVER - GULF OUTLET, LA.	7,269,210	445,664	61
MISSISSIPPI RIVER			
MINNEAPOLIS, MINN., TO MOUTH OF PASSES (NET)	462,735,996	193,785,799	419
MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	79,356,272	15,760,396	199
MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	101,799,998	17,516,709	172
MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	181,802,058	112,913,871	621
BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	331,635,147	22,852,815	68
NEW ORLEANS, LA., TO MOUTH OF PASSES	281,225,303	25,040,608	69
MISSOURI RIVER			

* TON-MILES NOT REPORTED.

TABLE 5-- COMMERCE ON SELECTED WATERWAYS OF THE UNITED STATES, CALENDAR YEAR 1989--CONTINUED

(IN TONS OF 2,000 POUNDS)

WATERWAY	TONS	TOTAL TON- MILES (000 OMITTED)	MILES PER TON
MISSISSIPPI RIVER SYSTEM - CONTINUED			
FORT BENTON, MONI., TO THE MOUTH (NET)-----	5,352,282	796,799	149
KANSAS CITY TO THE MOUTH-----	5,069,932	588,294	116
OMAHA TO KANSAS CITY-----	1,201,745	189,484	158
SIOUX CITY TO OMAHA-----	221,505	18,978	86
FORT BENTON TO SIOUX CITY-----	4,400	64	15
MONONGAHELA RIVER, PA. AND W. VA.-----	38,415,908	1,523,674	90
MOUTH OF YAZOO RIVER, MISS.-----	1,649,881	8,023	5
OHIO RIVER, PITTSBURGH TO MOUTH-----	202,669,523	51,595,916	295
QUACHITA AND BLACK RIVERS, ARK. AND LA.-----	1,233,353	123,884	100
RED RIVER BELOW FULTON, ARK.-----	4,902,616	546,594	111
TENNESSEE RIVER, TENN., ALA. AND KY.-----	43,061,766	6,512,833	151
WHITE RIVER, ARK., BELOW BATESVILLE, ARK.-----	484,426	58,628	121
WOLF RIVER, TENN.-----	1,089,087	2,576	2
YAZOO RIVER, MISS.-----	441,396	31,397	71
PACIFIC COAST			
CARQUINEZ STRAIT, CALIF.-----	28,117,447	192,008	7
COEUR D'ALENE LAKE AND ST. JOE RIVER, IDAHO-----	481,187	8,135	18
MOUTH TO INTERNATIONAL BOUNDARY (NET)-----	54,458,646	5,351,817	98
AT BAKER BAY, WASH.-----	9,100	12	1
COLUMBIA AND LOWER WILLAMETTE RIVERS BELOW VANCOUVER, WASH., AND PORTLAND, OREG.-----	54,755,589	3,812,894	70
VANCOUVER, WASH., TO THE DALLES, OREG.-----	9,246,414	633,651	69
COLUMBIA RIVER ABOVE THE DALLES DAM, WASH. AND OREG., TO McNARY LOCK, WASH.-----	7,070,615	670,080	95
COLUMBIA RIVER AND TRIBUTARIES ABOVE McNARY LOCK AND DAM TO KENNEWICK, WASH.-----	6,072,974	234,592	30
BETWEEN WENATCHEE AND KETTLE FALLS, WASH.-----	62,957	630	10
COLUMBIA RIVER			
CODS AND MILLICUM RIVERS, OREG.-----	250,212	2,389	10
LAKE WASHINGTON SHIP CANAL, WASH.-----	1,385,733	-----	-----
MULTNOMAH CHANNEL, OREG.-----	1,397,258	14,209	9
PETALUMA RIVER, CALIF.-----	351,418	3,770	11
ROBUE RIVER, OREG.-----	581,348	561	1
SACRAMENTO RIVER DEEP WATER SHIP CHANNEL, CALIF.-----	1,258,932	54,753	41
SACRAMENTO RIVER, CALIF.-----	1,448,463	56,654	39
SAN JOAQUIN RIVER, CALIF.-----	5,818,847	93,882	25
SAN PABLO AND MARIE ISLAND STRAIT, CALIF.-----	36,352,411	396,918	11
SERGIUS AND WHITESIDE RIVERS, ALASKA-----	673,653	-----	-----
SKEG RIVER, WASH.-----	357,680	4,872	14
SKEPANOON CHANNEL, OREG.-----	1,090,720	83	-----
SNAKE RIVER, OREG., WASH., AND IDAHO-----	5,930,284	532,954	90
SUISUN BAY CHANNEL, CALIF.-----	1,507,662	74,990	10
SWANOMISH CHANNEL, WASH.-----	1,723,988	4,252	2
YMPQUA RIVER, OREG.-----	319,069	3,569	11
WILLAMETTE RIVER ABOVE PORTLAND AND YAMHILL RIVER, OREG.-----	1,981,328	12,711	6
WRENGELL RIVERS, ALASKA-----	938,993	22,181	24
YUKON RIVER, ALASKA-----	44,043	10,562	240

* TON-MILES NOT REPORTED.
LESS THAN 0.5 MILE.

TABLE 6--TON-MILEAGE OF FREIGHT CARRIED ON THE INLAND WATERWAYS OF THE UNITED STATES, BY SYSTEM, CALENDAR YEARS 1988-1989

(000 OMITTED)

SYSTEM	1988	1989
ATLANTIC COAST WATERWAYS-----	28,122,048	28,204,988
GULF COAST WATERWAYS-----	44,638,479	42,545,820
PACIFIC COAST WATERWAYS-----	24,538,563	23,999,523
MISSISSIPPI RIVER SYSTEM, INCLUDING OHIO RIVER AND TRIBUTARIES-----	257,808,540	268,089,639
GREAT LAKES SYSTEM-----	83,078,874	85,847,239
TOTAL-----	438,184,504	448,687,169

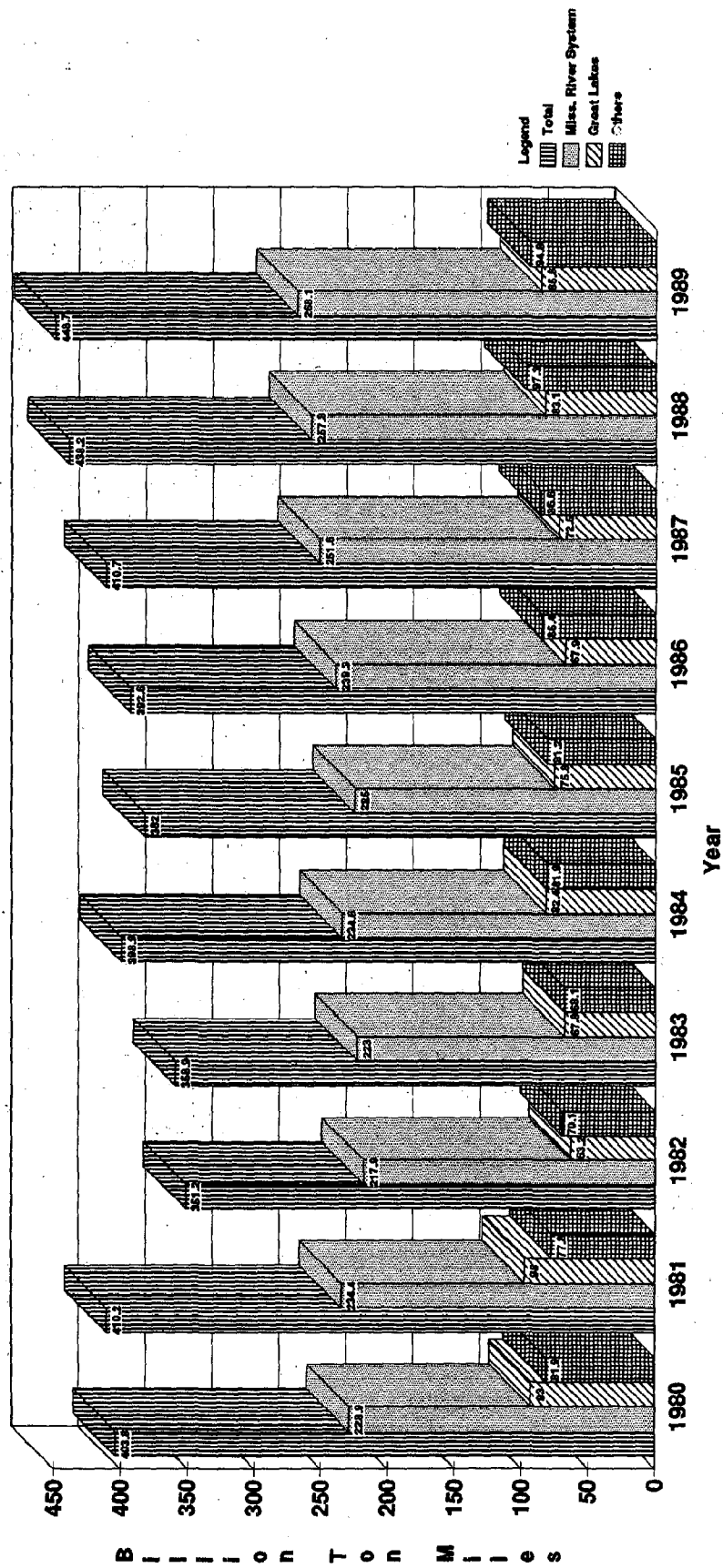
* DOES NOT INCLUDE TRAFFIC BETWEEN FOREIGN PORTS.

NATIONAL SUMMARIES

TABLE 7 - TON-MILEAGE OF UNITED STATES FREIGHT CARRIED ON THE GREAT LAKES BY AREA, CALENDAR YEAR 1969
(000 OMITTED)

AREA	AREA TOTALS	FOREIGN				DOMESTIC					
		OVERSEAS		CANADIAN		COASTWISE		LAKEWISE		INTERNAL	
		RECEIPTS AND SHIPMENTS	THROUGH	RECEIPTS AND SHIPMENTS	THROUGH	RECEIPTS AND SHIPMENTS	THROUGH	RECEIPTS AND SHIPMENTS	THROUGH	RECEIPTS AND SHIPMENTS	THROUGH
LAKE SUPERIOR	24,426,341	871,538	-----	2,947,570	-----	-----	-----	20,608,726	-----	-----	507
ST. MARYS RIVER	4,432,508	14	183,216	40	470,169	-----	-----	11,751	3,807,318	-----	-----
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)	15,108,139	958,596	-----	1,940,483	-----	112	-----	11,832,678	-----	258,949	64,082
LAKE HURON	19,346,965	13,950	1,232,547	631,941	2,542,103	-----	-----	3,056,795	10,869,625	-----	-----
ST. CLAIR RIVER, INCLUDING CHANNELS IN LAKE ST. CLAIR	3,943,581	1,790	304,094	13,908	740,558	-----	-----	98,687	2,784,544	-----	-----
DETROIT RIVER	1,926,311	40,046	166,393	30,379	434,078	-----	-----	192,902	1,062,498	-----	15
LAKE ERIE, INCLUDING UPPER NIAGARA RIVER	11,232,989	368,720	1,609,295	3,668,849	1,628,761	56	-----	3,941,173	12,719	-----	3,616
WELLS CANAL	739,275	-----	282,518	-----	483,144	-----	9	-----	3,584	-----	-----
LAKE ONTARIO, INCLUDING LOWER NIAGARA RIVER	3,485,209	380	1,496,402	389,618	1,578,051	-----	49	4,646	15,968	95	-----
ST. LAWRENCE RIVER, BETWEEN INTERNATIONAL BOUNDARY LINE AND LAKE ONTARIO	2,165,921	465	1,048,339	1,673	1,109,456	-----	-----	5,988	-----	-----	-----
TOTAL	85,887,239	2,255,503	6,252,804	9,624,261	8,986,340	168	58	39,751,346	18,556,256	259,044	68,180

**Ton-Miles of Freight Carried on the
Waterways of the United States,
1980-1989**



NATIONAL SUMMARIES

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TABLE 8--COMPARATIVE STATEMENT OF TRAFFIC ON THE MISSISSIPPI RIVER SYSTEM, CALENDAR YEARS 1978-1989

YEAR	(NET TRAFFIC)					TOTAL	INLAND TRAFFIC	GRAND TOTAL
	FOREIGN AND COASTWISE TRAFFIC							
	FOREIGN		COASTWISE					
	IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS				
SHORT TONS								
1978	98,574,312	67,252,688	14,332,003	17,404,538	197,563,541	355,364,514	552,928,055	
1979	105,858,988	73,255,062	12,780,791	20,274,910	212,169,751	370,757,973	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	347,474,116	539,645,354	
1983	32,320,125	95,763,623	18,317,757	20,782,583	167,104,088	351,453,271	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	378,552,148	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	
1988	45,325,616	97,464,079	13,914,113	21,896,066	178,599,874	423,825,453	601,625,327	
1989	59,907,560	103,954,166	10,278,979	20,780,309	194,921,016	431,463,106	626,384,122	
TON-MILES (000 OMITTED)								
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	12,465,425	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	196,680,195	223,064,745	
1984	5,225,849	13,130,115	3,539,022	2,436,699	24,331,665	210,297,576	234,629,261	
1985	4,113,990	12,551,382	3,657,611	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	
1988	7,252,184	14,742,295	2,694,735	2,635,011	27,324,225	250,476,320	277,802,545	
1989	10,400,250	15,716,010	1,846,346	2,579,165	30,541,751	237,547,569	268,089,320	

* 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, MINN., TO THE MOUTH OF PASSES, CALENDAR YEARS 1978-1989

YEAR	(NET TRAFFIC)							INLAND TRAFFIC	GRAND TOTAL
	FOREIGN AND COASTWISE TRAFFIC				TOTAL				
	FOREIGN		COASTWISE						
	IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS					
	SHORT TONS								
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	223,275,410	446,382,354		
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	20,782,583	167,104,088	224,951,345	392,135,453		
1984	34,074,866	85,856,052	19,944,201	16,798,329	156,956,777	240,309,289	397,366,066		
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		
1988	45,325,616	97,464,079	13,914,113	21,896,066	178,599,874	262,946,525	441,546,399		
1989	59,907,560	103,954,166	10,278,979	20,780,309	194,921,016	267,814,980	462,735,996		
	TON-MILES (000 OMITTED)								
1978	16,771,655	10,103,652	2,707,945	2,740,761	32,324,013	116,165,016	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	12,465,425	3,550,956	3,786,062	35,438,232	133,294,646	168,732,878		
1981	13,314,368	14,375,436	4,159,336	3,527,113	35,376,253	136,972,272	172,348,525		
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	24,331,665	146,188,708	170,520,393		
1985	4,113,990	12,551,382	3,657,611	2,606,492	23,129,475	156,360,460	159,489,935		
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		
1988	7,252,184	14,742,295	2,694,735	2,635,011	27,324,225	157,137,141	184,461,366		
1989	10,400,250	15,716,010	1,846,346	2,579,165	30,541,751	163,242,048	193,783,799		

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

CALENDAR YEAR 1989

(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-----	22		485,898			22	1.1	2,023
0102 BARLEY AND RYE-----			485,898			485,898	99.8	486,855
0103 CORN-----	140,458		35,651,952	11,782		35,804,192	99.9	35,825,385
0104 OATS-----	3,867		368,255	1,561		373,683	99.6	375,051
0105 RICE-----	56,267		1,271,892			1,328,159	94.3	1,408,561
0106 SORGHUM GRAINS-----			2,406,691	2,800		2,409,491	99.6	2,418,967
0107 WHEAT-----	190,736		15,200,396	42,575		15,433,707	93.3	16,536,579
0111 SOYBEANS-----	1,566		12,786,002	18,344		12,805,912	99.9	12,810,672
0119 DILSEEDS, NEC-----	941		30,307			31,248	82.1	38,038
0121 TOBACCO, LEAF-----								2,616
0122 HAY AND FODDER-----	4,056		67,364			71,420	87.3	81,810
0129 FIELD CROPS, NEC-----	337		173,668	1,632		175,637	89.1	197,140
0131 FRESH FRUITS-----	152,554					152,554	51.0	299,035
0132 BANANAS AND PLANTAINS-----	77					77	.4	20,919
0133 COFFEE-----	677					677	1.4	48,903
0134 COCOA BEANS-----								12,043
0141 FRESH AND FROZEN VEGETABLES-----	25,622		21,810			47,432	14.5	328,050
0151 LIVE ANIMALS-----	67,427					67,427	95.3	70,768
0161 ANIMALS AND PRODUCTS, NEC-----	320		448			768	3.4	22,597
0191 MISCELLANEOUS FARM PRODUCTS-----	38,617		1,710			40,327	91.3	44,181
FOREST PRODUCTS								
0841 CRUDE RUBBER AND ALLIED GUMS-----								956
0861 FOREST PRODUCTS, NEC-----	6,419		4,939			11,358	7.1	160,042
FRESH FISH & OTHER MARINE PRODUCTS								
0911 FRESH FISH, EXCEPT SHELLFISH-----	13,070		153			13,223	1.9	712,606
0912 SHELLFISH, EXCEPT PREPARED-----	597					597	.1	888,316
0931 MARINE SHELLS, UNMANUFACTURED-----	20		3,033,502	65,510		3,099,032	98.1	3,159,714
METALLIC ORES								
1011 IRON ORE AND CONCENTRATES-----		1,263,672	3,198,194	17,062		4,478,928	7.5	59,620,163
1021 COPPER ORE AND CONCENTRATES-----			72,548			72,548	100.0	72,548
1051 ALUMINUM ORES, CONCENTRATES-----			433,320			433,320	100.0	433,320
1061 MANGANESE ORES, CONCENTRATES-----			607,370	2,756		610,126	100.0	610,126
1091 NONFERROUS ORES, CONCENT, NEC-----	775		803,144	2,593		806,512	99.5	810,816
COAL								
1121 COAL AND LIGNITE-----	10,014,059	171,610	166,758,738	5,017,154		181,961,561	89.3	203,806,961
CRUDE PETROLEUM								
1311 CRUDE PETROLEUM-----	1,131,640		38,297,468	3,055,444		42,484,552	23.4	181,833,864
NONMETALLIC MINERALS, EXCEPT FUELS								
1411 LIMESTONE-----	20,850	393,876	12,490,495	49,174		12,954,395	36.5	35,476,407
1412 BUILDING STONE, UNWORKED-----			1,376			1,376	15.1	9,106
1442 SAND, GRAVEL, CRUSHED ROCK-----	3,090,003		44,210,789	6,658,430		53,959,222	98.3	54,907,568
1451 CLAY-----	139	1,100	1,126,865	81,569		1,209,673	89.1	1,358,079
1471 PHOSPHATE ROCK-----	6,049,104					6,049,104	100.0	6,049,104
1479 NATURAL FERTILIZER MATS, NEC-----	312		4,302			4,614	85.4	5,401
1492 SULPHUR, DRY-----	18,101					18,101	99.8	18,130
1493 SULPHUR, LIQUID-----			2,770,321	79,778		2,850,099	41.8	6,815,652
1494 GYPSUM, CRUDE AND PLASTERS-----	6,187		95,807			102,094	9.5	1,077,933
1499 NONMETALLIC MINERALS, NEC-----	186,722		4,618,725	64,074		4,869,521	83.4	5,862,208
ORDNANCE & ACCESSORIES								
1911 ORDNANCE AND ACCESSORIES-----	136					136	12.1	1,121
FOOD & KINDRED PRODUCTS								
2011 MEAT, FRESH, CHILLED, FROZEN-----	26,143		2			26,145	8.6	305,038
2012 MEAT AND PRODUCTS, NEC-----								78,706
2014 TALLOW, ANIMAL FATS AND OILS-----	8,576		64,363	18,337		111,276	98.8	112,676
2015 ANIMAL BY-PRODUCTS, NEC-----	179		14,440			14,619	80.4	18,184
2021 DAIRY PRODUCTS, NEC-----	3,091					3,091	5.6	55,178
2022 DRIED MILK AND CREAM-----								27,489
2031 FISH AND SHELLFISH, PREPARED-----	94,967		27,924			122,891	30.0	409,881
2034 VEGETABLES AND PREP, NEC-----	80,030		18,756			98,786	33.1	298,250
2039 PREP FRUIT AND VEG JUICE, NEC-----	123,423					123,423	27.8	444,513
2041 WHEAT FLOUR AND SEMOLINA-----	1,439		1,229			2,668	13.4	19,942
2042 ANIMAL FEEDS-----	140,628		8,855,497	55,121		9,051,246	98.3	9,207,547
2049 GRAIN MILL PRODUCTS, NEC-----	17,079		3,371,633	5,945		3,394,657	99.1	3,426,420
2061 SUGAR-----	870,453		515,187	4,480		1,390,120	71.8	1,947,294
2062 MOLASSES-----	40,985		361,993	102,091		505,069	78.9	639,745
2081 ALCOHOLIC BEVERAGES-----	60,116		1,344			61,460	15.6	393,850
2091 VEGETABLE OILS, MARG, SHORT-----	57,449		1,110,332	71,698		1,239,479	97.2	1,275,264
2092 ANIMAL OILS AND FATS, NEC-----				5,926		5,926	93.3	6,349
2094 GROCERIES-----	85,834		7,753			93,587	18.8	498,586
2095 ICE-----								99,133
2099 MISCELLANEOUS FOOD PRODUCTS-----	908,088		32,030			940,118	71.3	1,318,418

*NON-SELF PROPELLED VESSELS.

NATIONAL SUMMARIES

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

CALENDAR YEAR 1989

(IN TONS OF 2,000 POUNDS)

COMMODITY	BARGE TRAFFIC						PERCENT BARGE TO TOTAL DOMESTIC	TOTAL DOMESTIC TRAFFIC
	COASTWISE	LAKEWISE	INTERNAL	LOCAL	INTRA- TERRITORY	TOTAL		
TOBACCO PRODUCTS								
2111 TOBACCO MANUFACTURES-----	13,000					13,000	47.9	27,166
BASIC TEXTILES								
2211 BASIC TEXTILE PRODUCTS-----	2,746		27,934			30,680	37.4	81,968
2212 TEXTILE FIBERS, NEC-----	391		3,600			3,991	13.4	29,740
APPAREL & OTHER FINISHED TEXTILE PRODUCTS, INCLUDING KNIT								
2311 APPAREL-----	103,888					103,888	25.3	410,041
LUMBER & WOOD PROD., EXC. FURNITURE								
2411 LOGS-----	4,500		454,470	2		458,972	99.2	462,899
2412 RAFTED LOGS-----								11,136,136
2413 FUEL WOOD, CHARCOAL, WASTES-----	15,563		158,497			174,060	94.2	184,726
2414 TIMBER, POSTS, POLES, PILING-----	7,410		35,205	627		43,242	99.4	43,483
2415 PULPMOOD, LOC-----	11,960		3,889,607			3,901,567	99.9	3,902,525
2416 WOOD CHIPS, STAVES, MOLDINGS-----			3,583,766	6,406		3,590,172	99.9	3,595,410
2421 LUMBER-----	1,176,069		81,343	22		1,257,434	89.5	1,404,944
2431 VENEER, PLYWOOD, WORKED WOOD-----	43,814		29,032			72,846	64.3	113,208
2491 WOOD MANUFACTURES, NEC-----	167,601		2,595	7		170,206	85.7	196,702
FURNITURE & FIXTURES								
2511 FURNITURE AND FIXTURES-----	49,789		652			50,441	22.5	224,681
PULP, PAPER & ALLIED PRODUCTS								
2611 PULP-----	51,373		428,849	3,010		483,232	99.5	486,797
2621 STANDARD NEWSPRINT PAPER-----	15,584		40,384			55,968	39.8	140,563
2631 PAPER AND PAPERBOARD-----	35,440		251,976			287,416	63.5	452,497
2691 PULP AND PAPER PRODUCTS, NEC-----	187,857		905,461	6,355		1,099,673	84.0	1,308,599
PRINTED MATTER								
2711 PRINTED MATTER-----	7,724		5	3		7,727	41.0	18,831
CHEMICALS & ALLIED PRODUCTS								
2810 SODIUM HYDROXIDE-----	925,060		4,124,495	333,765		5,383,320	93.4	5,762,339
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	3,999	32,274	1,319,575	222,243	39,160	1,617,251	97.2	1,663,758
2812 DYES, PIGMENT, TANNING MATS-----								359
2813 ALCOHOLS-----	58,329		4,252,998	773,009		5,084,336	89.5	5,681,164
2816 RADIOACTIVE MATERIALS, WASTES-----	21					21	4.1	512
2817 BENZENE AND TOLUENE-----	87,664		3,844,696	1,640,682	8,799	5,581,841	93.9	5,943,546
2818 SULPHURIC ACID-----	105,913		1,503,087	396,397		2,005,397	99.4	2,016,901
2819 BASIC CHEMICALS AND PROD., NEC-----	1,558,519	274,726	18,637,280	1,972,930	36,085	22,479,540	90.2	24,910,021
2821 PLASTIC MATERIALS-----	3,700		8,356			12,056	8.6	140,158
2822 SYNTHETIC RUBBER-----			85,537			85,537	90.0	95,006
2823 SYNTHETIC (MAN-MADE) FIBERS-----								923
2831 DRUGS-----			5,986			5,986	8.7	68,601
2841 SCAP-----	2,900		2,539	1,212		6,651	4.7	140,733
2851 PAINTS-----	2,695		56			2,751	6.0	45,692
2861 GUM AND WOOD CHEMICALS-----	6,729		464,046	205,960		676,735	88.6	763,437
2871 NITROGENOUS CHEM FERTILIZERS-----	601,258	22,320	4,888,680	33,430		5,545,688	98.6	5,622,083
2872 POTASSIC CHEM FERTILIZERS-----	146,683		1,188,395	7,602		1,340,680	99.9	1,342,440
2873 PHOSPHATIC CHEM FERTILIZERS-----	183,800		404,571	1,410		589,781	99.9	589,925
2876 INSECTICIDES, DISINFECTANTS-----	1,473		1,348			2,821	30.4	9,286
2879 FERTILIZER AND MATERIALS, NEC-----	1,131,159		5,217,188	30,514		6,378,861	99.3	6,423,303
2891 MISCELLANEOUS CHEMICAL PROD-----	81,279		306,237	8,648		396,164	64.1	617,824
PETROLEUM & COAL PRODUCTS								
2911 GASOLINE-----	23,289,552	390,854	30,856,113	7,623,343	984,027	63,145,889	73.2	86,230,019
2912 JET FUEL-----	2,893,471	40,319	4,641,276	747,514	478,430	8,801,010	67.4	13,062,169
2913 KEROSENE-----	317,931		761,924	297,906	2,283	1,380,044	81.1	1,702,096
2914 DISTILLATE FUEL OIL-----	10,646,889	323,209	20,175,685	9,679,522	1,082,850	41,908,166	72.2	58,052,393
2915 RESIDUAL FUEL OIL-----	11,505,591	335,479	38,092,260	21,777,583	1,467,559	73,178,472	80.1	91,370,695
2916 LUBRICATING OILS AND GREASES-----	527,565	14,000	2,474,885	346,669		3,165,119	53.2	5,941,917
2917 NAPHTHA, PETROLEUM SOLVENTS-----	476,607		5,119,681	1,686,100	147,330	7,429,718	87.0	8,535,075
2918 ASPHALT, TAR, AND BITUMENS-----	2,940,082	543,266	5,324,949	593,677		9,401,994	97.6	10,148,126
2920 COKE, PETROLEUM COKE-----	109,037	23,585	6,171,449	561,129		6,855,200	97.4	7,046,420
2921 LIQUEFIED GASES-----	312,500		1,178,717	9,142		1,500,359	98.7	1,519,564
2951 ASPHALT BUILDING MATERIALS-----	9,278		6			9,284	23.0	40,370
2991 PETROLEUM AND COAL PROD., NEC-----	1,065,486	267	2,985,001	590,808	253,885	4,895,447	95.4	5,134,021
RUBBER & MISC. PLASTIC PRODUCTS								
3011 RUBBER AND MISC PLASTIC PROD-----	64,472		5,147			69,619	41.7	167,116
LEATHER & LEATHER PRODUCTS								
3111 LEATHER AND LEATHER PRODUCTS-----	13,783					13,783	37.1	37,173
STONE, CLAY, GLASS, & CONCRETE PROD.								
3211 GLASS AND GLASS PRODUCTS-----	13,547		2,498			16,045	33.6	47,699
3241 BUILDING CEMENT-----	1,450,762		6,255,907	312,713		8,019,382	71.4	11,235,446

*NON-SELF PROPELLED VESSELS.

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

CALENDAR YEAR 1989

(IN TONS OF 2,000 POUNDS)

COMMODITY	BARGE TRAFFIC						PERCENT BARGE TO TOTAL DOMESTIC	TOTAL DOMESTIC TRAFFIC
	COASTWISE	LAKENISE	INTERNAL	LOCAL	INTRA- TERRITORY	TOTAL		
STONE, CLAY, GLASS, & CONCRETE PROD. (CONTINUED)								
3251 STRUCTURAL CLAY PRODUCTS-----	2,296		10,374			12,670	22.4	56,453
3271 LIME-----	248		1,638,341			1,638,589	99.9	1,638,591
3291 CUT STONE AND STONE PRODUCTS-----	902					902	7.1	12,685
3291 MISC. NONMETALLIC MINERAL PROD-----	79,015		163,343	6		242,364	67.2	360,883
PRIMARY METAL PRODUCTS								
3311 PIG IRON-----			463,563	4,516		468,079	99.9	468,371
3312 SLAG-----	11,802		800,126			811,928	56.0	1,448,587
3313 COKE, PET. ASPHALTS, SOLVENTS-----								25
3314 IRON AND STEEL PRIMARY FORMS-----	299	26,600	2,169,115	15,963		2,211,977	99.7	2,219,146
3315 IRON, STEEL SHAPES, EXC SHEET-----	40,591	58	1,443,475	8,911		1,493,035	97.0	1,539,755
3316 IRON AND STEEL PLATES, SHEETS-----	13,091	4,260	328,146	8,467		353,964	88.9	398,234
3317 IRON AND STEEL PIPE AND TUBE-----	28,072	1,400	647,669	14,954		692,095	75.1	921,491
3318 FERROALLOYS-----			873,421	1,400		874,821	99.0	884,069
3319 IRON AND STEEL PRODUCTS, NEC-----	23,597	49,294	617,642	1,914		692,447	98.3	704,109
3321 NONFERROUS METALS, NEC-----			24,874			24,874	92.6	26,792
3322 COPPER ALLOYS, UNWORKED-----	3		31,090	330		31,423	77.5	40,536
3323 LEAD AND ZINC, UNWORKED-----			19,161	1,845		21,006	95.2	22,071
3324 ALUMINUM AND ALLOYS, UNWORKED-----			14,113			14,113	29.5	47,910
FABRICATED METAL PRODUCTS, EXCEPT ORDNANCE, MACHINERY, & TRANS. EQUIP.								
3411 FABRICATED METAL PRODUCTS-----	1,358,852	40	659,746	2,413		2,021,051	89.0	2,271,000
MACHINERY, EXCEPT ELECTRICAL								
3511 MACHINERY, EXCEPT ELECTRICAL-----	144,387	140	263,257	15,771	2,600	426,155	41.7	1,022,526
ELECTRICAL MACHINERY, EQUIPMENT & SUPPLIES								
3611 ELECTRICAL MACH AND EQUIP-----	41,169		7,253			48,442	34.0	142,416
TRANSPORTATION EQUIPMENT								
3711 MOTOR VEHICLES, PARTS, EQUIP-----	672,220		13,606	100		685,926	68.3	1,003,866
3721 AIRCRAFT AND PARTS-----	121		106			227	26.6	853
3731 SHIPS AND BOATS-----	18,425		4,759			23,184	74.5	31,113
3791 MISC TRANSPORTATION EQUIPMENT-----	151,161		2,173			153,334	98.9	154,983
INSTRUMENTS, PHOTOGRAPHIC & OPTICAL GOODS, WATCHES & CLOCKS								
3811 INSTR, TIME, PHOTO, OPT GOODS-----	24,715					24,715	56.8	43,489
MISC. PRODUCTS OF MANUFACTURING								
3911 MISC MANUFACTURED PRODUCTS-----	25,005		35,041			60,046	3.9	1,531,554
WASTE & SCRAP MATERIALS								
4011 IRON AND STEEL SCRAP-----	85,239	17,359	3,193,963	517,821		3,814,382	99.5	3,831,724
4012 NONFERROUS METAL SCRAP-----	1,252		18,630			19,882	24.3	81,931
4022 TEXTILE WASTE, SCRAP, SWEEP-----	23					23	.3	8,728
4024 PAPER WASTE AND SCRAP-----								28,384
4029 WASTE AND SCRAP, NEC-----	227,277		17,342,130	5,759,046		23,328,453	69.9	33,365,349
SPECIAL ITEMS								
4111 WATER-----	2,372		98,326	53,937		154,635	11.1	1,395,183
4112 COMMODITIES, NEC-----	981,315		78,992	2,984		1,063,291	20.8	5,107,330
4119 EMPTY CONTAINERS-----	33,353		22,015			55,368	68.3	81,021
TOTAL-----	89,946,423	3,929,728	573,080,428	71,736,571	4,503,018	743,196,168	67.4	1,102,532,159
TOTAL DOMESTIC TRAFFIC-----	302,026,859	109,086,425	606,005,956	80,207,745	5,205,174	1,102,532,159	-----	-----
PERCENT BARGE TO TOTAL DOMESTIC-----	29.6	3.6	94.6	89.4	86.5	67.4	-----	-----

*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

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

CALENDAR YEAR 1989

(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	35,669,633	4,542,142	15,246,600	12,808,491	519,691	464,084
DELAWARE RIVER, PENNSYLVANIA AND DELAWARE SIDE/ BALTIMORE HARBOR AND CHANNELS, MD.					24	
CHESAPEAKE BAY/ HAMPTON ROADS, VA.			5,156			
NANTICOKE RIVER, DEL. AND MD./ HAMPTON ROADS, VA.		26,917	37,011	4,476		
RAPPAHANNOCK RIVER, VA./ CHESAPEAKE BAY/ HAMPTON ROADS, VA.			2,578	1,442		
TOTAL, SHIPPING AREA			2,578	1,442		
YORK RIVER, VA./ HAMPTON ROADS, VA.	1,518	15,515	15,153	26,605		
ATLANTIC INTRACOASTAL WATERWAY, DISMAL SWAMP CANAL ROUTE/ HAMPTON ROADS, VA.	1,289		5,156	14,179		
ATLANTIC INTRACOASTAL WATERWAY, ENGINEER DISTRICT, WILMINGTON/ HAMPTON ROADS, VA.	1,244		1,135	4,716		
CROATON AND PAMLICO SOUND, N.C./ HAMPTON ROADS, VA.			4,200	5,244		
SAVANNAH RIVER, GA./ MANTUA CREEK, N.J.					4,317	
ATLANTIC INTRACOASTAL WATERWAY, ENGINEER DISTRICT, JACKSONVILLE/ SAVANNAH RIVER, GA.					26,395	
GULF INTRACOASTAL WATERWAY, APALACHEE BAY, FLA., TO MOBILE BAY, ALA./ 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.	5,271		31,045 1,110 5,454	19,779 2,967 7,577		
TOTAL, SHIPPING AREA	5,271		37,609	30,323		
APALACHICOLA, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA./ 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.	2,911		4,495 1,076 16,397	2,456 4,094		
TOTAL, SHIPPING AREA	2,911	1,076	20,892	6,550		
HARRIOR RIVER SYSTEM/ 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.		1,400	9,308 8,698 16,532	18,443 1,468 16,532		800
MISSISSIPPI RIVER, MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER TENNESSEE RIVER, TENN., ALA. AND KY.	4,244		92,453 1,304	15,701 1,439		
TOTAL, SHIPPING AREA	4,244	2,708	110,659	53,583		800
ALABAMA-COOSA RIVERS, ALA. AND GA./ HARRIOR RIVER SYSTEM MISSISSIPPI RIVER, BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	875		3,300 1,866			
TOTAL, SHIPPING AREA	875		5,166			
GULF INTRACOASTAL WATERWAY, MOBILE BAY, ALA., TO NEW ORLEANS, LA./ GULF INTRACOASTAL WATERWAY, APALACHEE BAY, FLA., TO MOBILE BAY, ALA. CALVESTON BAY, TEXAS MISSISSIPPI RIVER, BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		2,975 1,595				
TENNESSEE RIVER, TENN., ALA. AND KY. PORT OF CHICAGO, ILL.		1,497		1,492		1,497
TOTAL, SHIPPING AREA		6,067		1,492		1,497
INNERHARBOR NAVIGATION CANAL, LA./ TENNESSEE RIVER, TENN., ALA. AND KY.				2,800		
GULF INTRACOASTAL WATERWAY, MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX. CALVESTON BAY, TEXAS MISSISSIPPI RIVER, NEW ORLEANS, LA., TO MOUTH OF PASSES MISSISSIPPI RIVER, BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.					61,066 108,345	25,482
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 ILLINOIS RIVER, ILL.				1,827 9,912	107,295 9,912	9,711 1,355 15,767
TOTAL, SHIPPING AREA				1,827	266,618	52,315

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

CALENDAR YEAR 1989

(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)
ATCHAFALAYA RIVER, LA./						
MISSISSIPPI RIVER! NEW ORLEANS, LA., TO MOUTH OF PASSES	14,173		2,986	17,675		
MISSISSIPPI RIVER! BATON ROUGE, LA., TO BUT NOT INCLUDING NEW						
ORLEANS, LA.	18,371	1,329	12,538	81,083		
MISSISSIPPI RIVER! MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER		1,105				
TOTAL, SHIPPING AREA	32,544	2,434	15,524	98,758		
OUCHITA AND BLACK RIVERS, ARK. AND LA./						
HERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.		1,506				
MISSISSIPPI RIVER! NEW ORLEANS, LA., TO MOUTH OF PASSES			2,993	19,474		
MISSISSIPPI RIVER! BATON ROUGE, LA., TO BUT NOT INCLUDING NEW						
ORLEANS, LA.	24,785	100,467	30,189	148,068		
MISSISSIPPI RIVER! MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER		1,168		1,652		
TOTAL, SHIPPING AREA	24,785	103,141	33,182	169,194		
BAYOU VERMILION, LA./						
MISSISSIPPI RIVER! NEW ORLEANS, LA., TO MOUTH OF PASSES			4,695	1,774		
MISSISSIPPI RIVER! BATON ROUGE, LA., TO BUT NOT INCLUDING NEW						
ORLEANS, LA.			10,355	28,237		
TOTAL, SHIPPING AREA			15,050	30,011		
HERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA./						
HERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.		2,929				
GALVESTON BAY, TEXAS			3,113			
GULF INTRACOASTAL WATERWAY! GALVESTON TO CORPUS CHRISTI, TEXAS		67,885				
MISSISSIPPI RIVER! NEW ORLEANS, LA., TO MOUTH OF PASSES			8,951	29,458		
MISSISSIPPI RIVER! BATON ROUGE, LA., TO BUT NOT INCLUDING NEW						
ORLEANS, LA.	8,792	51,063	25,487	172,615		
MISSISSIPPI RIVER! MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER		4,437				
TOTAL, SHIPPING AREA	8,792	106,314	37,551	202,053		
CALCASIEU RIVER AND PASS, LA./						
MISSISSIPPI RIVER! NEW ORLEANS, LA., TO MOUTH OF PASSES				31,268		
MISSISSIPPI RIVER! BATON ROUGE, LA., TO BUT NOT INCLUDING NEW						
ORLEANS, LA.				10,483		
TOTAL, SHIPPING AREA				41,751		
SABINE-NICHES WATERWAY, TEXAS/						
GALVESTON BAY, TEXAS		13,300	12,339			1,400
MISSISSIPPI RIVER! NEW ORLEANS, LA., TO MOUTH OF PASSES				3,214		
MISSISSIPPI RIVER! BATON ROUGE, LA., TO BUT NOT INCLUDING NEW						
ORLEANS, LA.	1,682	29,756				
TOTAL, SHIPPING AREA	1,682	43,056	12,339	3,214		1,400
GALVESTON BAY, TEXAS/						
GALVESTON BAY, TEXAS						7,394
GULF INTRACOASTAL WATERWAY! CORPUS CHRISTI, TEXAS, TO THE MEXICAN						
BORDER				1,449		
MISSISSIPPI RIVER! NEW ORLEANS, LA., TO MOUTH OF PASSES		9,895	12,211			
MISSISSIPPI RIVER! BATON ROUGE, LA., TO BUT NOT INCLUDING NEW						
ORLEANS, LA.		48,048	55,287	4,764		
MISSOURI RIVER						2,232
TOTAL, SHIPPING AREA		57,943	67,498	6,213		9,626
GULF INTRACOASTAL WATERWAY! GALVESTON TO CORPUS CHRISTI, TEXAS/						
MISSISSIPPI RIVER! NEW ORLEANS, LA., TO MOUTH OF PASSES		2,880				
MISSISSIPPI RIVER! BATON ROUGE, LA., TO BUT NOT INCLUDING NEW						
ORLEANS, LA.		13,247				
TOTAL, SHIPPING AREA		16,127				
GULF INTRACOASTAL WATERWAY! CORPUS CHRISTI, TEXAS, TO THE MEXICAN						
BORDER/						
GULF INTRACOASTAL WATERWAY! MOBILE BAY, ALA., TO NEW ORLEANS, LA.	3,712					
GULF INTRACOASTAL WATERWAY! CORPUS CHRISTI, TEXAS, TO THE MEXICAN						
BORDER		1,468				
MISSISSIPPI RIVER! NEW ORLEANS, LA., TO MOUTH OF PASSES			6,853		100,356	
TOTAL, SHIPPING AREA	3,712	1,468	6,853		100,356	
MISSISSIPPI RIVER! NEW ORLEANS, LA., TO MOUTH OF PASSES/						
HERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.		27,575				
GALVESTON BAY, TEXAS		7,754				15,063
GULF INTRACOASTAL WATERWAY! CORPUS CHRISTI, TEXAS, TO THE MEXICAN						
BORDER				5,204		
MISSISSIPPI RIVER! NEW ORLEANS, LA., TO MOUTH OF PASSES		2,800				3,230
MISSISSIPPI RIVER! BATON ROUGE, LA., TO BUT NOT INCLUDING NEW						
ORLEANS, LA.	15,201	36,500	6,952	6,031		
MISSISSIPPI RIVER! MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON						
ROUGE, LA.		3,097				
MISSISSIPPI RIVER! MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER		1,565				
MISSISSIPPI RIVER! MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER		7,241				20,403
YAZOO RIVER AND MOUTH, MISS.				1,409		
ARKANSAS RIVER, ARK.	1,471					3,903
OHIO RIVER! ENGINEER DISTRICT, LOUISVILLE		1,418				2,787
MISSISSIPPI RIVER! MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER		4,720		1,400		
TOTAL, SHIPPING AREA						7,829

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 1989

(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. PORT OF CHICAGO, ILL.		1,057			47,310	1,500 13,058
TOTAL, SHIPPING AREA	16,672	94,127	8,952	14,044	47,310	66,473
MISSISSIPPI RIVER, BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.						
HARRIOR RIVER SYSTEM	6,115	1,550				
HERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.	2,044	4,831				
SABINE-NECHES WATERWAY, TEXAS						2,800
GALVESTON BAY, TEXAS		85,360				7,100
GULF INTRACASTAL WATERWAY, CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER				5,292		
MISSISSIPPI RIVER, NEW ORLEANS, LA., TO MOUTH OF PASSES	2,634		2,986	2,925		2,751
MISSISSIPPI RIVER, BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	11,848	6,013	8,424	11,574	9,332	
MISSISSIPPI RIVER, MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.		35,382		1,666		
MISSISSIPPI RIVER, MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER		30,265				21,557
MISSISSIPPI RIVER, MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	1,510	40,907		1,559		57,210
YAZOO RIVER AND MOUTH, MISS.	1,428	4,475				
ARKANSAS RIVER, ARK.	1,258	17,191		1,601		27,089
MOBILE RIVER, TENN.						16,437
OHIO RIVER, ENGINEER DISTRICT, LOUISVILLE	1,455	13,507			3,000	1,449
OHIO RIVER, ENGINEER DISTRICT, HUNTINGTON		1,424				
OHIO RIVER, ENGINEER DISTRICT, PITTSBURGH						5,788
TENNESSEE RIVER, TENN., ALA. AND KY.	1,330	13,743		1,000		
CUMBERLAND RIVER, TENN. AND KY.					7,156	
MONONGAHELA RIVER, PA. AND N.Y.					11,817	
ALLEGHENY RIVER, PA.		12,754				
MISSOURI RIVER						41,551
ILLINOIS RIVER, ILL.	7,014					8,319
MINNESOTA RIVER, MINN.						11,582
PORT OF CHICAGO, ILL.		50,081			17,181	16,383
TOTAL, SHIPPING AREA	36,636	297,523	11,410	26,017	46,466	219,996
MISSISSIPPI RIVER, MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.						
GULF INTRACASTAL WATERWAY, MOBILE BAY, ALA., TO NEW ORLEANS, LA.	2,948	9,585	1,475	13,987		
HERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.		10,591				
CALCASIEU RIVER AND PASS, LA.		8,228				
GALVESTON BAY, TEXAS		9,350	6,033			
GULF INTRACASTAL WATERWAY, GALVESTON TO CORPUS CHRISTI, TEXAS		69,950				
GULF INTRACASTAL WATERWAY, CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER						
MISSISSIPPI RIVER, NEW ORLEANS, LA., TO MOUTH OF PASSES	1,392	1,554				
MISSISSIPPI RIVER, BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	197,754	190,447	341,557	312,216		
MISSISSIPPI RIVER, MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	515,802	1,600,208	1,043,693	1,539,120		
MISSISSIPPI RIVER, MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER		2,859				
MISSISSIPPI RIVER, MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER		17,573		2,765		
YAZOO RIVER AND MOUTH, MISS.		2,884	899	26,157		
ARKANSAS RIVER, ARK.		4,300				
OHIO RIVER, ENGINEER DISTRICT, LOUISVILLE		1,437		1,346		
MINNESOTA RIVER, MINN.		2,661				
PORT OF CHICAGO, ILL.		973				
TOTAL, SHIPPING AREA	725,631	1,688,239	1,393,657	2,095,601		
MISSISSIPPI RIVER, MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER/ GULF INTRACASTAL WATERWAY, APALACHEE BAY, FLA., TO MOBILE BAY, ALA.						
HARRIOR RIVER SYSTEM	1,515					
GULF INTRACASTAL WATERWAY, MOBILE BAY, ALA., TO NEW ORLEANS, LA.	14,453	1,414	6,008			
HERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.		2,760				
MISSISSIPPI RIVER, NEW ORLEANS, LA., TO MOUTH OF PASSES	876,375	16,705	666,417	227,509		
MISSISSIPPI RIVER, BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	1,714,600	422,894	1,109,244	675,880		
MISSISSIPPI RIVER, MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.				57,745		
MISSISSIPPI RIVER, MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER		1,242				
MISSISSIPPI RIVER, MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER			10,454			
ARKANSAS RIVER, ARK.				18,914		
MOBILE RIVER, TENN.		4,281				
OHIO RIVER, ENGINEER DISTRICT, LOUISVILLE			1,221	13,280		
TENNESSEE RIVER, TENN., ALA. AND KY.		57,893	23,936	57,648		
MISSOURI RIVER						1,400
TOTAL, SHIPPING AREA	2,670,508	446,236	1,819,219	1,030,976		1,400
MISSISSIPPI RIVER, MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER/ HARRIOR RIVER SYSTEM						
GULF INTRACASTAL WATERWAY, MOBILE BAY, ALA., TO NEW ORLEANS, LA.	2,764					
GULF INTRACASTAL WATERWAY, CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER	10,644		1,051	4,599		
MISSISSIPPI RIVER, NEW ORLEANS, LA., TO MOUTH OF PASSES	1,439					
MISSISSIPPI RIVER, BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	2,666,494		201,799	439,526		
MISSISSIPPI RIVER, MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	10,788,314	54,497	938,651	1,850,617		
MISSISSIPPI RIVER, MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER						
MISSISSIPPI RIVER, MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	4,424			47,314		
	4,455	12,830		1,628		
	15,058		20,350			

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

CALENDAR YEAR 1989

(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)
YAZOO RIVER AND MOUTH, MISS.	3,003			4,244		
ARKANSAS RIVER, ARK.				2,715		
WOLF RIVER, TENN.	89,988					
OHIO RIVER ENGINEER DISTRICT, LOUISVILLE	3,060	3,010	25,530	103,465		
TENNESSEE RIVER, TENN., ALA. AND KY.	382,497	2,581	73,643	305,906		
ILLINOIS RIVER, ILL.	1,607					1,408
TOTAL, SHIPPING AREA	13,973,697	72,918	1,261,630	2,760,015		1,408
YAZOO RIVER AND MOUTH, MISS.						
GULF INTRACASTAL WATERWAY MOBILE BAY, ALA., TO NEW ORLEANS, LA.				1,440		
MERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.		1,551				
CALCASIEU RIVER AND PASS, LA.		1,424				
MISSISSIPPI RIVER NEW ORLEANS, LA., TO MOUTH OF PASSES	1,548	6,218	6,078	18,295		
MISSISSIPPI RIVER BATON ROUGE, LA., TO BUT NOT INCLUDING NEW						
ORLEANS, LA.	11,175	17,745	29,457	46,412		
MISSISSIPPI RIVER MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON						
ROUGE, LA.		1,539				
MISSISSIPPI RIVER MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER		1,272				
YAZOO RIVER AND MOUTH, MISS.				13,514		
TOTAL, SHIPPING AREA	12,723	29,749	35,535	129,661		
ARKANSAS RIVER, ARK.						
GULF INTRACASTAL WATERWAY MOBILE BAY, ALA., TO NEW ORLEANS, LA.			2,789	4,173		
GULF INTRACASTAL WATERWAY PLAQUEMINE TO MORGAN CITY ROUTE, LA.			1,392			
GALVESTON BAY, TEXAS			1,365			
GULF INTRACASTAL WATERWAY GALVESTON TO CORPUS CHRISTI, TEXAS		11,433				
MISSISSIPPI RIVER NEW ORLEANS, LA., TO MOUTH OF PASSES	8,290	11,070	76,172	51,104		
MISSISSIPPI RIVER BATON ROUGE, LA., TO BUT NOT INCLUDING NEW						
ORLEANS, LA.	17,758	197,205	901,697	224,298		
MISSISSIPPI RIVER MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON						
ROUGE, LA.			1,393			
MISSISSIPPI RIVER MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER			4,524			
YAZOO RIVER AND MOUTH, MISS.				1,505		
ARKANSAS RIVER, ARK.				1,407		
OHIO RIVER ENGINEER DISTRICT, LOUISVILLE			32,685			
TENNESSEE RIVER, TENN., ALA. AND KY.			41,173			
TOTAL, SHIPPING AREA	26,048	219,708	1,063,188	282,487		
WHITE RIVER, ARK.						
GULF INTRACASTAL WATERWAY MOBILE BAY, ALA., TO NEW ORLEANS, LA.				1,624		
MISSISSIPPI RIVER NEW ORLEANS, LA., TO MOUTH OF PASSES			25,281	37,563		
MISSISSIPPI RIVER BATON ROUGE, LA., TO BUT NOT INCLUDING NEW						
ORLEANS, LA.		7,616	178,983	122,776		
WHITE RIVER, ARK.			2,751			
TOTAL, SHIPPING AREA		7,616	207,045	161,963		
WOLF RIVER, TENN.						
MERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.		1,534				
GALVESTON BAY, TEXAS			4,813			
MISSISSIPPI RIVER NEW ORLEANS, LA., TO MOUTH OF PASSES	53,125	33,726	165,773	173,534		
MISSISSIPPI RIVER BATON ROUGE, LA., TO BUT NOT INCLUDING NEW						
ORLEANS, LA.	40,520	155,516	285,363	480,450		
MISSISSIPPI RIVER MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON						
ROUGE, LA.				6,374		
YAZOO RIVER AND MOUTH, MISS.				6,703		
TOTAL, SHIPPING AREA	93,645	190,776	455,949	667,061		
OHIO RIVER ENGINEER DISTRICT, LOUISVILLE						
WARRIOR RIVER SYSTEM	1,351					
GULF INTRACASTAL WATERWAY MOBILE BAY, ALA., TO NEW ORLEANS, LA.	19,611		2,902	22,418		
MERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.	1,534	4,523				
GALVESTON BAY, TEXAS			3,070			
GULF INTRACASTAL WATERWAY CORPUS CHRISTI, TEXAS, TO THE MEXICAN						
BORDER	31,605					
MISSISSIPPI RIVER NEW ORLEANS, LA., TO MOUTH OF PASSES	804,955	11,986	544,836	256,049		
MISSISSIPPI RIVER BATON ROUGE, LA., TO BUT NOT INCLUDING NEW						
ORLEANS, LA.	3,135,264	226,215	1,290,637	1,114,956	4,805	
MISSISSIPPI RIVER MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON						
ROUGE, LA.	4,332			4,276		
MISSISSIPPI RIVER MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER			4,368			
MISSISSIPPI RIVER MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER				1,232		
YAZOO RIVER AND MOUTH, MISS.	4,420					
WOLF RIVER, TENN.	29,252					
OHIO RIVER ENGINEER DISTRICT, LOUISVILLE	24,841		6,000	88,678		
TENNESSEE RIVER, TENN., ALA. AND KY.	167,200		95,389	113,276		
PORT OF CHICAGO, ILL.	1,545					
TOTAL, SHIPPING AREA	4,225,970	242,726	1,947,202	1,600,885	4,805	
OHIO RIVER ENGINEER DISTRICT, HUNTINGTON						
MISSISSIPPI RIVER BATON ROUGE, LA., TO BUT NOT INCLUDING NEW						
ORLEANS, LA.		1,144		4,541		
MISSISSIPPI RIVER MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER					1,400	
TOTAL, SHIPPING AREA		1,144		4,541	1,400	

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 1989

(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)
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH/ MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.			1,561			
TENNESSEE RIVER, TENN., ALA. AND KY./ GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA. GULF INTRACOASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER			1,305			
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES	5,893					
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	25,711	3,100	53,771	3,001		
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE	19,439	11,602	127,848	17,140		
TENNESSEE RIVER, TENN., ALA. AND KY.	1,794					
TOTAL, SHIPPING AREA	243,229	1,295	14,450	104,893		
CUMBERLAND RIVER, TENN. AND KY./ GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA. MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES			1,548			
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	10,431		18,042	11,641		
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	27,135	1,328	106,993	49,803		
TENNESSEE RIVER, TENN., ALA. AND KY.	13,442			1,400		
TOTAL, SHIPPING AREA	51,008	1,328	126,583	65,655		
GREEN AND BARREN RIVERS, KY./ MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES				1,400		
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	7,544					
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE	50,543		6,492	14,842		
TENNESSEE RIVER, TENN., ALA. AND KY.				1,517		
TOTAL, SHIPPING AREA	58,087		6,492	19,476		
MISSOURI RIVER/ GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA. MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES	1,295					
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	31,582	3,848	42,741	26,242		
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	118,956	199,785	161,444	28,253		
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE			1,288			
TENNESSEE RIVER, TENN., ALA. AND KY.			32,320	5,267		
TOTAL, SHIPPING AREA	151,833	203,633	343,781	59,762		
ILLINOIS RIVER, ILL./ HARRIS RIVER SYSTEM GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA. MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES	1,601		9,367			
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	36,223			11,681		
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	1,614,089		211,780	235,447		
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	8,045,663	16,154	481,956	1,576,089		
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	1,500			152,146		
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE	5,852					
ILLINOIS RIVER, ILL.	9,348		1,599			
PORT OF CHICAGO, ILL.	101,352					
TOTAL, SHIPPING AREA	128,825		15,277	98,418		
BLACK RIVER, WIS./ MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	16,743			5,725		
MINNESOTA RIVER, MINN./ GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA. GALVESTON BAY, TEXAS	9,951,176	16,154	719,979	2,096,941		
GULF INTRACOASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER	1,459			1,475		
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES	10,414		2,876			
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.			1,578			
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	1,342					
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	351,735		62,734	117,445		
YAZOO RIVER AND MOUTH, MISS.	2,081,055		473,298	361,130		
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE	4,260					
TENNESSEE RIVER, TENN., ALA. AND KY.	2,809					
TOTAL, SHIPPING AREA	1,472		14,756			
LAKE MICHIGAN/ GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA. MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES	2,734					
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	63,213					
TOTAL, SHIPPING AREA	196,342		12,866	74,618		
LAKE MICHIGAN/ GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA. MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES	2,808					
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	7,098		4,162	4,509		
TOTAL, SHIPPING AREA	39,973		22,150	16,020		

TABLE 1--DOMESTIC INLAND MOVEMENTS OF GRAINS, SOYBEANS, SUGAR AND MOLASSES--CONTINUED
SHIPPING AREA BY RECEIVING AREACALENDAR YEAR 1989
(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)
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	1,358					
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE				2,943		
TENNESSEE RIVER, TENN., ALA. AND KY.	1,370		4,360			
TOTAL, SHIPPING AREA	52,607		30,672	23,472		
PORT OF CHICAGO, ILL./ GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.	6,092		2,770			
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES	127,446	1,563	101,767	85,320		
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	316,363		83,105	250,462		
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.				2,905		
WOLF RIVER, TENN.	8,847					
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE				2,879		
TENNESSEE RIVER, TENN., ALA. AND KY.	18,921		7,777	22,249		
ILLINOIS RIVER, ILL.	3,240		1,617			
PORT OF CHICAGO, ILL.				1,449		
TOTAL, SHIPPING AREA	480,915	1,563	197,036	365,272		
LOS ANGELES AND LONG BEACH HARBORS, CALIF./ LOS ANGELES AND LONG BEACH HARBORS, CALIF.						57,054
SAN FRANCISCO BAY AREA/ SAN JOAQUIN RIVER, CALIF.						1,140
COLUMBIA RIVER: VANCOUVER, WASH., TO THE MOUTH/ COLUMBIA RIVER: VANCOUVER, WASH., TO THE MOUTH		3,471	3,110			
COLUMBIA RIVER: ABOVE CELILO FALLS TO KENNERICK, WASH.						6,718
WILLAMETTE AND YAMHILL RIVERS, OREG.			8,491			6,652
SNAKE RIVER, OREG., WASH. AND IDAHO						3,416
TOTAL, SHIPPING AREA		3,471	11,601			16,786
COLUMBIA RIVER: VANCOUVER, WASH., TO THE DALLES, OREG./ COLUMBIA RIVER: VANCOUVER, WASH., TO THE MOUTH		4,220	7,714			
WILLAMETTE AND YAMHILL RIVERS, OREG.		1,750	85,093			
TOTAL, SHIPPING AREA		5,970	92,807			
COLUMBIA RIVER: ABOVE CELILO FALLS TO KENNERICK, WASH./ COLUMBIA RIVER: VANCOUVER, WASH., TO THE MOUTH	32,111	41,987	720,150			
WILLAMETTE AND YAMHILL RIVERS, OREG.		18,349	899,022			
TOTAL, SHIPPING AREA	32,111	60,336	1,619,172			
WILLAMETTE AND YAMHILL RIVERS, OREG./ COLUMBIA RIVER: VANCOUVER, WASH., TO THE MOUTH			8,927			
COLUMBIA RIVER: ABOVE CELILO FALLS TO KENNERICK, WASH.						1,672
WILLAMETTE AND YAMHILL RIVERS, OREG.			2,699			
SNAKE RIVER, OREG., WASH. AND IDAHO						521
TOTAL, SHIPPING AREA			11,626			2,193
SNAKE RIVER, OREG., WASH. AND IDAHO/ COLUMBIA RIVER: VANCOUVER, WASH., TO THE MOUTH		130,500	881,818			
WILLAMETTE AND YAMHILL RIVERS, OREG.	2,374	229,666	1,703,541	97		
TOTAL, SHIPPING AREA	2,374	360,166	2,585,359	97		
PUGET SOUND AND TRIBUTARY WATERS/ PUGET SOUND AND TRIBUTARY WATERS						30,046

DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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

CALENDAR YEAR 1989

(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)
TOTAL, ALL SHIPPING AREAS	11,599,240	3,889,729	82,499	29,032	3,889,607
NARRAGANSETT BAY/ NARRAGANSETT BAY		60			
DELAWARE RIVER: PENNSYLVANIA AND DELAWARE SIDE/ BALTIMORE HARBOR AND CHANNELS, MD.		6			
CHESAPEAKE BAY/ YORK RIVER, VA.		195,145			13,734
RAPPAHANNOCK RIVER, VA./ YORK RIVER, VA.					5,487
HAMPTON ROADS, VA./ YORK RIVER, VA. HAMPTON ROADS, VA.	150	1,058			
TOTAL, SHIPPING AREA	150	1,058			
ATLANTIC INTRACOASTAL WATERWAY: ENGINEER DISTRICT, NORFOLK/ HAMPTON ROADS, VA.					110,126
ALBEMARLE SOUND, N.C./ YORK RIVER, VA. HAMPTON ROADS, VA.		21,566			91,178
TOTAL, SHIPPING AREA		21,566			91,178
CHOWAN RIVER, N.C./ HAMPTON ROADS, VA.					33,177
ROANOKE RIVER, N.C./ YORK RIVER, VA. HAMPTON ROADS, VA.					1,120 153,274
TOTAL, SHIPPING AREA					154,394
APALACHICOLA, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA./ HARRIOR RIVER SYSTEM	15,903				1,492
GULF OF MEXICO/ GULF OF MEXICO: MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES	70 200				
TOTAL, SHIPPING AREA	270				
HARRIOR RIVER SYSTEM/ HARRIOR RIVER SYSTEM: ALABAMA-COOSA RIVERS, ALA. AND GA. GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA. MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH	74,016 6,077	620,481 199,627	1,198 1,345	1,264	2,567,497 875
TOTAL, SHIPPING AREA	80,093	820,108	2,543	1,264	2,568,372
ALABAMA-COOSA RIVERS, ALA. AND GA./ HARRIOR RIVER SYSTEM: GULF INTRACOASTAL WATERWAY: CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	1,221 1,272				811,947
TOTAL, SHIPPING AREA	2,493				811,947
GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX./ GULF OF MEXICO: GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.	12 12		220 72		
TOTAL, SHIPPING AREA	12		292		
BAYOU VERMILION, LA./ GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.			1		
SABINE-NECHES WATERWAY, TEXAS/ MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES				11,798	
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA./ MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER YAZOO RIVER AND MOUTH, MISS. OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH MONONGAHELA RIVER, PA. AND W.VA. ILLINOIS RIVER, ILL. PORT OF CHICAGO, ILL.	135,756 1,234 1,234 135,756 4,843 14,217 5,244 7,245 4,153		4,843 14,217 5,244 7,245 4,153	2,708 1,234 2,417 3,772	
TOTAL, SHIPPING AREA	135,756		35,702	10,131	
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER/ MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES	6,019		6,116		

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

CALENDAR YEAR 1989

(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)	PULPMOOD (CODE 2419)
MISSISSIPPI RIVER/ MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER/ ILLINOIS RIVER, ILL.		2,308			
ARKANSAS RIVER, ARK./					
MISSISSIPPI RIVER/ NEW ORLEANS, LA., TO MOUTH OF PASSES				920	
YAZOO RIVER AND MOUTH, MISS.	11,766				
OHIO RIVER/ ENGINEER DISTRICT, PITTSBURGH				1,167	
ILLINOIS RIVER, ILL.	2,461				
PORT OF CHICAGO, ILL.				3,750	
TOTAL, SHIPPING AREA	11,766	2,461		5,837	
WOLF RIVER, TENN./					
ILLINOIS RIVER, ILL.	1,170				
OHIO RIVER/ ENGINEER DISTRICT, LOUISVILLE/ MISSISSIPPI RIVER/ NEW ORLEANS, LA., TO MOUTH OF PASSES	6,074				
OHIO RIVER/ ENGINEER DISTRICT, HUNTINGTON/ MISSISSIPPI RIVER/ NEW ORLEANS, LA., TO MOUTH OF PASSES	3,200				
TENNESSEE RIVER, TENN., ALA. AND KY./					
HARRIS RIVER SYSTEM		1,772			49,335
MISSISSIPPI RIVER/ NEW ORLEANS, LA., TO MOUTH OF PASSES	10,378				
TENNESSEE RIVER, TENN., ALA. AND KY.	96,776	388,879			
TOTAL, SHIPPING AREA	107,154	390,651			49,335
ILLINOIS RIVER, ILL./					
MISSISSIPPI RIVER/ MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.			1,350		
LOS ANGELES AND LONG BEACH HARBORS, CALIF./					
LOS ANGELES AND LONG BEACH HARBORS, CALIF.		130,853	7,404		
SAN FRANCISCO BAY AREA/ SAN FRANCISCO BAY AREA	3,000				
COOS BAY, OREG./					
COOS BAY, OREG.	385,538				
COOS AND MILLICOMA RIVERS, OREG./					
COOS BAY, OREG.	250,212				
SIUSLAN RIVER, OREG./					
SIUSLAN RIVER, OREG.	85,587				
COLUMBIA RIVER/ VANCOUVER, WASH., TO THE MOUTH/ COLUMBIA RIVER/ VANCOUVER, WASH., TO THE MOUTH	119,759	119,623	18,100		
COLUMBIA RIVER/ VANCOUVER, WASH., TO THE DALLES, OREG.		78,139	4,300		
TOTAL, SHIPPING AREA	119,759	197,762	22,400		
COLUMBIA RIVER/ VANCOUVER, WASH., TO THE DALLES, OREG./					
COLUMBIA RIVER/ VANCOUVER, WASH., TO THE MOUTH	26,886	491,594	1,400		
COLUMBIA RIVER/ VANCOUVER, WASH., TO THE DALLES, OREG.	484,123	205,715			
COLUMBIA RIVER/ ABOVE CELILO FALLS TO KENNEWICK, WASH.		155			
TOTAL, SHIPPING AREA	491,009	697,464	1,400		
COLUMBIA RIVER/ ABOVE CELILO FALLS TO KENNEWICK, WASH./					
COLUMBIA RIVER/ VANCOUVER, WASH., TO THE MOUTH		312,352	222		
COLUMBIA RIVER/ VANCOUVER, WASH., TO THE DALLES, OREG.		33,056			
WILLAMETTE AND YAMHILL RIVERS, OREG.	5,579				
TOTAL, SHIPPING AREA	5,579	345,408	222		
COLUMBIA RIVER/ WENATCHEE, WASH., TO INTERNATIONAL BOUNDARY/ COEUR D'ALENE LAKE	58,025				
WILLAMETTE AND YAMHILL RIVERS, OREG./					
COLUMBIA RIVER/ VANCOUVER, WASH., TO THE MOUTH	11,079	250,794			
COLUMBIA RIVER/ VANCOUVER, WASH., TO THE DALLES, OREG.		105,905			
WILLAMETTE AND YAMHILL RIVERS, OREG.		1,500			
TOTAL, SHIPPING AREA	11,079	358,199			
SNAKE RIVER, OREG., WASH. AND IDAHO/ COLUMBIA RIVER/ VANCOUVER, WASH., TO THE MOUTH	72,503	160,647	768		
COLUMBIA RIVER/ VANCOUVER, WASH., TO THE DALLES, OREG.	15,188				
COLUMBIA RIVER/ ABOVE CELILO FALLS TO KENNEWICK, WASH.		545			
COLUMBIA RIVER/ KENNEWICK TO WENATCHEE, WASH.	60,957				
WILLAMETTE AND YAMHILL RIVERS, OREG.	9,331		54		
TOTAL, SHIPPING AREA	157,979	161,192	822		
COEUR D'ALENE LAKE/ COLUMBIA RIVER/ WENATCHEE, WASH., TO INTERNATIONAL BOUNDARY	174,628				
COEUR D'ALENE LAKE	220,534				
TOTAL, SHIPPING AREA	403,162				

DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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

CALENDAR YEAR 1989

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	LOGS, POSTS, POLES, AND PILING (CODES 2411, 2412, 2414)	FOREST PROD- UCTS, NEC. (CODES 2413, 2415)	LUMBER (CODE 2421)	WORKED WOOD (CODE 2431)	PULPMOOD (CODE 2415)
PUGET SOUND AND TRIBUTARY WATERS/ PUGET SOUND AND TRIBUTARY WATERS	7,143,914	350,998	1,800		
LOWER & UPPER SOUTHEAST ALASKA/ LOWER & UPPER SOUTHEAST ALASKA	2,114,206	214,492	2,326	2	50,365
ALASKA PENINSULA/ ALASKA PENINSULA	131		121		

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

CALENDAR YEAR 1989

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	TONS
TOTAL, ALL SHIPPING AREAS	171,777,302
DELAWARE RIVER/ NEW JERSEY SIDE/	
DELAWARE RIVER/ NEW JERSEY SIDE	40,733
BALTIMORE HARBOR AND CHANNELS, MD.	15,440
TOTAL, SHIPPING AREA	56,173
DELAWARE RIVER/ PENNSYLVANIA AND DELAWARE SIDE/	
BALTIMORE HARBOR AND CHANNELS, MD.	7,648
BALTIMORE HARBOR AND CHANNELS, MD./	
DELAWARE RIVER/ NEW JERSEY SIDE	1,625
BALTIMORE HARBOR AND CHANNELS, MD.	2,157,446
TOTAL, SHIPPING AREA	2,159,071
HAMPTON ROADS, VA./	
DELAWARE RIVER/ NEW JERSEY SIDE	1,115,108
BALTIMORE HARBOR AND CHANNELS, MD.	1,187,759
TOTAL, SHIPPING AREA	2,302,867
GULF INTRACASTAL WATERWAY/ APALACHEE BAY, FLA., TO MOBILE BAY, ALA./	
HARRIOR RIVER SYSTEM	1,555
HARRIOR RIVER SYSTEM/	
ESCAMBIA AND CONECH RIVERS, FLA. AND ALA.	13,500
HARRIOR RIVER SYSTEM	7,829,181
MISSISSIPPI RIVER/ NEW ORLEANS, LA., TO MOUTH OF PASSES	120,332
MISSISSIPPI RIVER/ BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	31,111
TENNESSEE RIVER, TENN., ALA. AND KY.	1,490
TOTAL, SHIPPING AREA	7,995,614
GULF INTRACASTAL WATERWAY/ MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX./	
MISSISSIPPI RIVER/ MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	3,152
MISSISSIPPI RIVER/ NEW ORLEANS, LA., TO MOUTH OF PASSES/	
MISSISSIPPI RIVER/ NEW ORLEANS, LA., TO MOUTH OF PASSES	4,200
MISSISSIPPI RIVER/ BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA./	
PEARL RIVER, MISS. AND LA.	2,896
MISSISSIPPI RIVER/ NEW ORLEANS, LA., TO MOUTH OF PASSES	9,132
ILLINOIS RIVER, ILL.	1,453
TOTAL, SHIPPING AREA	13,491
MISSISSIPPI RIVER/ MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA./	
MISSISSIPPI RIVER/ NEW ORLEANS, LA., TO MOUTH OF PASSES	4,594
MISSISSIPPI RIVER/ BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	1,900
MONONGAHELA RIVER, PA. AND W.VA.	1,600
TOTAL, SHIPPING AREA	8,094
MISSISSIPPI RIVER/ MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER/	
PEARL RIVER, MISS. AND LA.	77,033
MISSISSIPPI RIVER/ NEW ORLEANS, LA., TO MOUTH OF PASSES	1,286,320
MISSISSIPPI RIVER/ BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	38,966
MISSISSIPPI RIVER/ MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	6,877,225
MISSISSIPPI RIVER/ MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	631,801
MISSISSIPPI RIVER/ MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	2,008,765
OHIO RIVER/ ENGINEER DISTRICT, LOUISVILLE	11,720
TENNESSEE RIVER, TENN., ALA. AND KY.	142,978
MISSOURI RIVER	16,045
ILLINOIS RIVER, ILL.	651,256
TOTAL, SHIPPING AREA	11,742,113
MISSISSIPPI RIVER/ MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER/	
GULF INTRACASTAL WATERWAY/ APALACHEE BAY, FLA., TO MOBILE BAY, ALA.	37,535
MISSISSIPPI RIVER/ BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	1,398
MISSISSIPPI RIVER/ MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	1,595,159
TOTAL, SHIPPING AREA	1,634,092
ARKANSAS RIVER, ARK./	
MISSISSIPPI RIVER/ NEW ORLEANS, LA., TO MOUTH OF PASSES	24,701
MISSISSIPPI RIVER/ BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	14,617
PORT OF CHICAGO, ILL.	6,147
TOTAL, SHIPPING AREA	45,465
OHIO RIVER/ ENGINEER DISTRICT, LOUISVILLE/	
GULF INTRACASTAL WATERWAY/ APALACHEE BAY, FLA., TO MOBILE BAY, ALA.	3,456,367
ESCAMBIA AND CONECH RIVERS, FLA. AND ALA.	1,135,762
HARRIOR RIVER SYSTEM	283,811
GULF INTRACASTAL WATERWAY/ MOBILE BAY, ALA., TO NEW ORLEANS, LA.	1,503,730
PEARL RIVER, MISS. AND LA.	22,777
LAKE PONTCHARTRAIN, LA.	15,880
SALVESTON BAY, TEXAS	9,576
MISSISSIPPI RIVER/ NEW ORLEANS, LA., TO MOUTH OF PASSES	5,678,377
MISSISSIPPI RIVER/ BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	681,712
MISSISSIPPI RIVER/ MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	18,126
MISSISSIPPI RIVER/ MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	207,031

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 1989

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	TONS
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	1,712,189
WOLF RIVER, TENN.	130,223
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE	12,252,596
OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON	327,143
TENNESSEE RIVER, TENN., ALA. AND KY.	1,093,950
CUMBERLAND RIVER, TENN. AND KY.	4,753,631
GREEN AND BARREN RIVERS, KY.	149,219
MONONGAHELA RIVER, PA. AND W.VA.	4,580
ILLINOIS RIVER, ILL.	859,524
LAKE MICHIGAN	3,157
PORT OF CHICAGO, ILL.	198,127
TOTAL, SHIPPING AREA	34,457,478
OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON/ HARRIOR RIVER SYSTEM	115,070
INNERHARBOR NAVIGATION CANAL, LA.	4,807
GULF INTRACOASTAL WATERWAY: PLaquEMINE TO MORGAN CITY ROUTE, LA.	0,552
GALVESTON BAY, TEXAS	1,553
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES	1,943,741
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	788,398
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	218,743
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	640,665
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	250,393
ARKANSAS RIVER, ARK.	5,026
WOLF RIVER, TENN.	3,253
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE	2,690,682
OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON	5,489,012
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH	2,679,950
TENNESSEE RIVER, TENN., ALA. AND KY.	1,332,723
CUMBERLAND RIVER, TENN. AND KY.	27,099
KANAWHA RIVER, W.VA.	19,482
MONONGAHELA RIVER, PA. AND W.VA.	5,587,872
ALLEGHENY RIVER, PA.	1,150
ILLINOIS RIVER, ILL.	105,080
PORT OF CHICAGO, ILL.	1,052,851
TOTAL, SHIPPING AREA	22,854,202
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH/ MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES	2,893
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	198,548
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	12,434
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE	315,357
OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON	3,626,747
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH	6,957,465
TENNESSEE RIVER, TENN., ALA. AND KY.	2,344,371
BIG SANDY RIVER, KY. AND W.VA.	4,568
KANAWHA RIVER, W.VA.	2,700
MONONGAHELA RIVER, PA. AND W.VA.	105,361
ALLEGHENY RIVER, PA.	58,375
ILLINOIS RIVER, ILL.	13,470
TOTAL, SHIPPING AREA	13,638,309
TENNESSEE RIVER, TENN., ALA. AND KY./ GULF INTRACOASTAL WATERWAY: APALACHEE BAY, FLA., TO MOBILE BAY, ALA.	144,524
ESCAMBIA AND CONECH RIVERS, FLA. AND ALA.	450,362
HARRIOR RIVER SYSTEM	244,179
GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.	72,392
LAKE PONCHAKIRAIN, LA.	17,903
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES	225,854
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	522,273
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	1,539
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	57,200
WOLF RIVER, TENN.	523,693
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE	5,700
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH	10,481
TENNESSEE RIVER, TENN., ALA. AND KY.	7,023,847
CUMBERLAND RIVER, TENN. AND KY.	294,336
GREEN AND BARREN RIVERS, KY.	1,540
ILLINOIS RIVER, ILL.	28,548
LAKE MICHIGAN	2,768
TOTAL, SHIPPING AREA	10,462,279
CUMBERLAND RIVER, TENN. AND KY./ ESCAMBIA AND CONECH RIVERS, FLA. AND ALA.	73,500
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES	1,477
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	3,107
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO MOUTH OF MISSOURI RIVER	1,486
CUMBERLAND RIVER, TENN. AND KY.	12,000
TOTAL, SHIPPING AREA	91,570
GREEN AND BARREN RIVERS, KY./ MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES	353,888
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	26,321
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	269,385
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	151,407
WOLF RIVER, TENN.	604,657
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE	5,754,312
OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON	76,234
TENNESSEE RIVER, TENN., ALA. AND KY.	33,695
ILLINOIS RIVER, ILL.	4,496
TOTAL, SHIPPING AREA	7,274,475

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

CALENDAR YEAR 1989

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	TONS
BIG SANDY RIVER, KY. AND N.VA./	
WARRIOR RIVER SYSTEM	109,676
GULF INTRACOASTAL WATERWAY, MOBILE BAY, ALA., TO NEW ORLEANS, LA.	38,941
INNERHARBOR NAVIGATION CANAL, LA.	3,209
GALVESTON BAY, TEXAS	4,697
MISSISSIPPI RIVER, NEW ORLEANS, LA., TO MOUTH OF PASSES	1,615,981
MISSISSIPPI RIVER, BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	1,001,027
MISSISSIPPI RIVER, MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	105,478
MISSISSIPPI RIVER, MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	72,271
MISSISSIPPI RIVER, MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	458,009
HOLF RIVER, TENN.	76,840
OHIO RIVER, ENGINEER DISTRICT, LOUISVILLE	4,470,154
OHIO RIVER, ENGINEER DISTRICT, HUNTINGTON	4,739,239
OHIO RIVER, ENGINEER DISTRICT, PITTSBURGH	646,470
TENNESSEE RIVER, TENN., ALA. AND KY.	116,031
BIG SANDY RIVER, KY. AND N.VA.	1,588
KANAWHA RIVER, N.VA.	5,852
MONONGAMELA RIVER, PA. AND N.VA.	9,084
ALLEGHENY RIVER, PA.	9,181
ILLINOIS RIVER, ILL.	26,243
BLACK RIVER, WIS.	2,945
PORT OF CHICAGO, ILL.	99,503
TOTAL, SHIPPING AREA	13,608,501
KANAWHA RIVER, N.VA./	
WARRIOR RIVER SYSTEM	12,654
MISSISSIPPI RIVER, NEW ORLEANS, LA., TO MOUTH OF PASSES	1,635,919
MISSISSIPPI RIVER, BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	944,616
MISSISSIPPI RIVER, MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	4,804
MISSISSIPPI RIVER, MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	13,409
MISSISSIPPI RIVER, MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	94,562
ARKANSAS RIVER, ARK.	36,036
OHIO RIVER, ENGINEER DISTRICT, LOUISVILLE	1,914,200
OHIO RIVER, ENGINEER DISTRICT, HUNTINGTON	3,694,335
OHIO RIVER, ENGINEER DISTRICT, PITTSBURGH	3,131,720
TENNESSEE RIVER, TENN., ALA. AND KY.	20,516
BIG SANDY RIVER, KY. AND N.VA.	27,377
KANAWHA RIVER, N.VA.	174,049
MONONGAMELA RIVER, PA. AND N.VA.	597,716
ALLEGHENY RIVER, PA.	19,233
ILLINOIS RIVER, ILL.	70,703
PORT OF CHICAGO, ILL.	4,569
TOTAL, SHIPPING AREA	14,548,436
MONONGAMELA RIVER, PA. AND N.VA./	
ESCAMBIA AND CONECH RIVERS, FLA. AND ALA.	44,548
WARRIOR RIVER SYSTEM	8,013
GALVESTON BAY, TEXAS	1,437
MISSISSIPPI RIVER, NEW ORLEANS, LA., TO MOUTH OF PASSES	1,220,562
MISSISSIPPI RIVER, BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	5,927
MISSISSIPPI RIVER, MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	1,462
MISSISSIPPI RIVER, MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	35,270
MISSISSIPPI RIVER, MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	59,823
OHIO RIVER, ENGINEER DISTRICT, LOUISVILLE	133,215
OHIO RIVER, ENGINEER DISTRICT, HUNTINGTON	1,233,592
OHIO RIVER, ENGINEER DISTRICT, PITTSBURGH	4,065,766
TENNESSEE RIVER, TENN., ALA. AND KY.	172,966
CUMBERLAND RIVER, TENN. AND KY.	18,374
BIG SANDY RIVER, KY. AND N.VA.	9,967
KANAWHA RIVER, N.VA.	9,788
MONONGAMELA RIVER, PA. AND N.VA.	19,728,764
ALLEGHENY RIVER, PA.	743,486
ILLINOIS RIVER, ILL.	6,237
PORT OF CHICAGO, ILL.	4,200
TOTAL, SHIPPING AREA	27,503,399
ALLEGHENY RIVER, PA./	
ALLEGHENY RIVER, PA.	5,791
ILLINOIS RIVER, ILL.	1,654
TOTAL, SHIPPING AREA	7,445
ILLINOIS RIVER, ILL./	
ILLINOIS RIVER, ILL.	1,495
PORT OF CHICAGO, ILL.	1,353,046
TOTAL, SHIPPING AREA	1,355,341
PORT OF CHICAGO, ILL./	
ILLINOIS RIVER, ILL.	1,530
PUGET SOUND AND TRIBUTARY WATERS/	
PUGET SOUND AND TRIBUTARY WATERS	800

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 AREACALENDAR YEAR 1989
(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----	40,850,487	32,287,573	49,651,234	5,427,712	1,117,503	60,849,405	6,819,366	2,871,252	11,196,206
PENOBSCOT RIVER, MAINE/ PENOBSCOT RIVER, MAINE-----		13,429			83	9,635			
ROCKLAND HARBOR, MAINE/ ROCKLAND HARBOR, MAINE-----		8							
PORTLAND HARBOR, MAINE/ PORTLAND HARBOR, MAINE-----	20,493	11,886							
GLOUCESTER HARBOR, MASS./ GLOUCESTER HARBOR, MASS.-----		11,863						50	
PORT OF BOSTON, MASS./ PORT OF BOSTON, MASS.-----	97,984	267,955		83,405	13,992	149,131			
NARRAGANSETT BAY/ NARRAGANSETT BAY-----		69,205						4,379	
PROVIDENCE RIVER AND HARBOR, R.I.-----	44,369	51,767			4,268				
TOTAL, SHIPPING AREA-----	44,369	121,032			4,268			4,379	
PROVIDENCE RIVER AND HARBOR, R.I./ NARRAGANSETT BAY-----		74,998				8,075			
PROVIDENCE RIVER AND HARBOR, R.I.-----	29,625	108,676				7,915			
TOTAL, SHIPPING AREA-----	29,625	183,674				15,990			
LONG ISLAND SOUND, N.Y./ LONG ISLAND SOUND, N.Y.-----	36,054	63,327				4,115			
PORT OF NEW YORK, N.Y. AND N.J./ PORT OF NEW YORK, N.Y. AND N.J.-----	6,398,192	7,879,046	946,721	132,169	236,776	7,579,145	221,676	15,279	329,919
UPPER HUDSON RIVER, N.Y.-----	3,426,167	1,625,033	95,068	133,456	175,336	2,116,600	29,643		114,816
NEW YORK STATE BARGE CANAL-----									13,054
LAKE CHAMPLAIN, N.Y. AND VT.-----	44,065	3,850		49,236					
TOTAL, SHIPPING AREA-----	9,868,424	9,507,929	1,041,789	314,861	412,112	9,695,745	251,319	15,279	457,789
UPPER HUDSON RIVER, N.Y./ PORT OF NEW YORK, N.Y. AND N.J.-----	6,624	61,533		36,728		20,916			6,666
UPPER HUDSON RIVER, N.Y.-----	3,398	29,718			1,884	40,800			
LAKE CHAMPLAIN, N.Y. AND VT.-----	52,565	10,003		36,824	835				
TOTAL, SHIPPING AREA-----	62,587	101,254		73,552	2,719	61,716			6,666
DELAWARE RIVER: NEW JERSEY SIDE/ DELAWARE RIVER: NEW JERSEY SIDE- DELAWARE RIVER: PENNSYLVANIA AND DELAWARE SIDE-----	159,127	120,912	5,405		15,748	520,889	37,403		19,309
CHRISTINA RIVER, DEL.-----	45,479	136,803			2,078	883,276	8,156		
SCHUYLKILL RIVER, PA.-----	1,297	26,975				122,798			
CHESAPEAKE BAY-----	165,152	269,234		3,564	15,142	353,383	59,664	2,205	
NANTICOKE RIVER, DEL. AND MD.-----	12,196	876			3,013	56,536			35,304
BALTIMORE HARBOR AND CHANNELS, MD.-----	50,546	16,067		2,105	8,459	109,238			114,866
POTOMAC RIVER AND TRIBUTARIES-----						27,206			111,544
YORK RIVER, VA.-----						13,629			
HAMPTON ROADS, VA.-----	5,522					47,200			26,625
CAPE FEAR RIVER, N.C.-----									9,531
TOTAL, SHIPPING AREA-----	439,321	570,867	5,405	5,669	44,440	2,138,155	105,223	2,205	317,179
DELAWARE RIVER: PENNSYLVANIA AND DELAWARE SIDE/ DELAWARE RIVER: NEW JERSEY SIDE- DELAWARE RIVER: PENNSYLVANIA AND DELAWARE SIDE-----	149,002	345,375	1,767,540	226,693		530,060		1,226	
MISPELLION RIVER, DEL.-----	288,999	352,740	11,289,185	2,752	2,299	398,849	2,460	3,140	
CHRISTINA RIVER, DEL.-----	3,205	92,453		177,979					
SCHUYLKILL RIVER, PA.-----	206,249	319,036	27,098		1,443	349,357		322	
CHESAPEAKE BAY-----	170,163	37,083			7,009	244,486	7,606	2,490	
NANTICOKE RIVER, DEL. AND MD.-----		7,852			4,446				
BALTIMORE HARBOR AND CHANNELS, MD.-----	442,401	28,872				16,143			
POTOMAC RIVER AND TRIBUTARIES-----					35,684	265,635			36
YORK RIVER, VA.-----				129,745		57,201			
HAMPTON ROADS, VA.-----	16,596	44,463		53,712					
TOTAL, SHIPPING AREA-----	1,276,615	1,227,894	13,083,823	613,924	50,881	1,893,617	10,066	8,737	36
CHRISTINA RIVER, DEL./ DELAWARE RIVER: NEW JERSEY SIDE- DELAWARE RIVER: PENNSYLVANIA AND DELAWARE SIDE-----	10,345	11,379				123,790	10,466		
CHRISTINA RIVER, DEL.-----	6,256	3,838				23,307			
SCHUYLKILL RIVER, PA.-----		7,686				20,364			

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

CALENDAR YEAR 1989

(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)
BALTIMORE HARBOR AND CHANNELS, MD.		3,840							
JAMES RIVER, VA.		4,546							
TOTAL, SHIPPING AREA	16,601	31,289				196,197	10,466		
SCHUYLKILL RIVER, PA./ DELAWARE RIVER/ NEW JERSEY SIDE- DELAWARE RIVER/ PENNSYLVANIA	40,951	215,262		23,156	5,812	248,561	18,081		173,822
AND DELAWARE SIDE	55,529	233,650		46,532	1,404	262,905	63,848		3,298
CHRISTINA RIVER, DEL.	3,502	63,239			1,431	61,647			
SCHUYLKILL RIVER, PA.	325,141	58,939		2,858	9,871	49,019	61,380		
CHESAPEAKE BAY	27,802								
NANTICOKE RIVER, DEL. AND MD.						29,526			
BALTIMORE HARBOR AND CHANNELS, MD.	17,458	16,526				3,834	3,691		192,919
POTOMAC RIVER AND TRIBUTARIES		7,857							161,124
JAMES RIVER, VA.									11,872
HAMPTON ROADS, VA.	4,503	993				3,865			42,014
TOTAL, SHIPPING AREA	474,886	596,466		72,546	18,518	659,357	147,000		585,049
CHESAPEAKE BAY/ DELAWARE RIVER/ NEW JERSEY SIDE- SCHUYLKILL RIVER, PA.	2,064	7,181			4,262	6,897			
BALTIMORE HARBOR AND CHANNELS, MD.	14,189	3,534							
POTOMAC RIVER AND TRIBUTARIES	6,178	71,696				210,730			
HAMPTON ROADS, VA.		15,529				6,823			
		29,143		879		19,908			
TOTAL, SHIPPING AREA	22,431	127,083		879	4,262	244,356			
BALTIMORE HARBOR AND CHANNELS, MD./ DELAWARE RIVER/ NEW JERSEY SIDE- DELAWARE RIVER/ PENNSYLVANIA	2,860	11,660		5,449	8,396	48,338			4,550
AND DELAWARE SIDE						42,616			
CHRISTINA RIVER, DEL.		6,036				6,640			
SCHUYLKILL RIVER, PA.	3,715	17,439				3,476			
CHESAPEAKE BAY	85,010	24,628		2,765	3,238	51,752			
NANTICOKE RIVER, DEL. AND MD.		6,811				52,677			
BALTIMORE HARBOR AND CHANNELS, MD.	44,024	103,808			2,045	1,005,180		5,449	
POTOMAC RIVER AND TRIBUTARIES		79,921				75,408			
YORK RIVER, VA.						11,532			
JAMES RIVER, VA.	18,510	2,225				123,240			36,002
HAMPTON ROADS, VA.	8,565	9,825			14,226	2,337			6,778
TOTAL, SHIPPING AREA	162,674	261,953		8,214	27,905	1,423,198		5,449	47,330
POTOMAC RIVER AND TRIBUTARIES/ DELAWARE RIVER/ NEW JERSEY SIDE- DELAWARE RIVER/ PENNSYLVANIA				15,316		7,270			
AND DELAWARE SIDE						30,099			
NISPILLION RIVER, DEL.				17,580					
SCHUYLKILL RIVER, PA.						5,190			
CHESAPEAKE BAY				14,921					
NANTICOKE RIVER, DEL. AND MD.						44,899			2,727
BALTIMORE HARBOR AND CHANNELS, MD.		45,627				59,726			22,248
POTOMAC RIVER AND TRIBUTARIES		122,850		150,427		122,063			6,669
YORK RIVER, VA.						34,633			
HAMPTON ROADS, VA.									2,735
TOTAL, SHIPPING AREA		168,477		198,244		303,880			34,379
YORK RIVER, VA./ DELAWARE RIVER/ NEW JERSEY SIDE- SCHUYLKILL RIVER, PA.						6,554			
CHESAPEAKE BAY	293,293	102,939							
BALTIMORE HARBOR AND CHANNELS, MD.	48,879	26,788				5,434			
POTOMAC RIVER AND TRIBUTARIES	609,167	110,020							
HAMPTON ROADS, VA.	180,092	137,728		119,213		548,128			
TOTAL, SHIPPING AREA	1,131,431	377,467		119,213		585,102			
JAMES RIVER, VA./ CHESAPEAKE BAY	52,972	2,496			1,223	17,472			
BALTIMORE HARBOR AND CHANNELS, MD.						5,704			
JAMES RIVER, VA.	8,163								
HAMPTON ROADS, VA.	64,665	46,647			5,421	116,957			
TOTAL, SHIPPING AREA	125,800	49,143			6,644	140,133			
HAMPTON ROADS, VA./ DELAWARE RIVER/ NEW JERSEY SIDE- DELAWARE RIVER/ PENNSYLVANIA				11,554					7,300
AND DELAWARE SIDE		3,139				6,135			
CHRISTINA RIVER, DEL.		7,754							
SCHUYLKILL RIVER, PA.		6,381				7,861			

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 1989

(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)
CHESAPEAKE BAY-----	79,294	187,098	-----	38,711	3,134	42,206	-----	49	-----
NANTICOKE RIVER, DEL. AND MD.-----	-----	22,958	-----	-----	-----	2,519	-----	-----	-----
BALTIMORE HARBOR AND CHANNELS, MD.-----	4,485	10,729	-----	-----	3,616	112,766	-----	-----	-----
POTOMAC RIVER AND TRIBUTARIES-----	-----	34,486	-----	-----	-----	5,784	-----	-----	-----
YORK RIVER, VA.-----	1,112	3,212	124,373	-----	-----	125,553	-----	116	-----
JAMES RIVER, VA.-----	-----	9,964	-----	-----	-----	236,053	-----	27	-----
HAMPTON ROADS, VA.-----	-----	310,164	-----	42,421	1,140	797,886	-----	5,371	-----
ATLANTIC INTRACOASTAL WATERWAY-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
GREAT BRIDGE, LOCAL ROUTE-----	-----	-----	-----	216,321	-----	-----	-----	-----	-----
ROANOKE RIVER, N.C.-----	-----	-----	-----	-----	-----	28,080	-----	-----	-----
CROATON AND PAMLICO SOUNDS, N.C.-----	-----	134	-----	-----	-----	-----	-----	385	-----
TOTAL, SHIPPING AREA-----	84,891	596,019	124,373	309,007	7,890	1,366,643	-----	5,946	7,360
ATLANTIC INTRACOASTAL WATERWAY-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
ENGINEER DISTRICT, WILMINGTON-----	-----	-----	-----	-----	-----	8,912	-----	-----	-----
ATLANTIC INTRACOASTAL WATERWAY-----	-----	-----	-----	-----	-----	5,486	-----	-----	-----
ENGINEER DISTRICT, WILMINGTON-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
PAMLICO AND TAR RIVERS, N.C.-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
ATLANTIC INTRACOASTAL WATERWAY-----	-----	-----	-----	1,270	-----	-----	-----	-----	-----
ENGINEER DISTRICT, CHARLESTON-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
TOTAL, SHIPPING AREA-----	-----	-----	-----	1,270	-----	14,398	-----	-----	-----
CAPE FEAR RIVER, N.C./-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
NEUSE RIVER, N.C.-----	-----	-----	-----	-----	-----	44,132	-----	-----	-----
CAPE FEAR RIVER, N.C.-----	-----	9,078	-----	-----	-----	136,433	-----	-----	-----
NORTHEAST (CAPE FEAR) RIVER, N.C.-----	-----	-----	-----	-----	-----	133,075	-----	-----	-----
TOTAL, SHIPPING AREA-----	-----	9,078	-----	-----	-----	313,640	-----	-----	-----
ATLANTIC INTRACOASTAL WATERWAY-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
ENGINEER DISTRICT, CHARLESTON-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
ATLANTIC INTRACOASTAL WATERWAY-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
ENGINEER DISTRICT, CHARLESTON-----	-----	3,118	-----	50,391	-----	69,725	-----	-----	-----
SAVANNAH RIVER, GA./-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CAPE FEAR RIVER, N.C.-----	-----	-----	-----	-----	-----	-----	1,227	-----	-----
ATLANTIC INTRACOASTAL WATERWAY-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
ENGINEER DISTRICT, CHARLESTON-----	-----	-----	-----	39,843	-----	1,254	-----	-----	-----
SAVANNAH RIVER, GA.-----	31,394	17,859	-----	-----	-----	68,280	-----	-----	-----
ATLANTIC INTRACOASTAL WATERWAY-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
ENGINEER DISTRICT, SAVANNAH-----	-----	-----	-----	-----	-----	776	-----	-----	-----
ST. JOHNS RIVER, FLA.-----	-----	1,374	-----	5,024	-----	-----	-----	-----	-----
TOTAL, SHIPPING AREA-----	31,394	19,233	-----	44,867	-----	70,310	1,227	-----	-----
ATLANTIC INTRACOASTAL WATERWAY-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
ENGINEER DISTRICT, SAVANNAH-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
ATLANTIC INTRACOASTAL WATERWAY-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
ENGINEER DISTRICT, SAVANNAH-----	-----	-----	-----	-----	-----	3,726	-----	-----	-----
ST. JOHNS RIVER, FLA./-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
ATLANTIC INTRACOASTAL WATERWAY-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
ENGINEER DISTRICT, CHARLESTON-----	20,672	-----	-----	-----	-----	-----	-----	-----	-----
SAVANNAH RIVER, GA.-----	1,117	5,166	-----	-----	-----	-----	-----	-----	-----
ATLANTIC INTRACOASTAL WATERWAY-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
ENGINEER DISTRICT, SAVANNAH-----	-----	-----	-----	-----	-----	253,124	-----	-----	-----
ST. JOHNS RIVER, FLA.-----	11,198	29,974	-----	197,787	-----	749,363	-----	-----	-----
ATLANTIC INTRACOASTAL WATERWAY-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
ENGINEER DISTRICT, JACKSONVILLE-----	-----	1,822	-----	-----	-----	-----	-----	-----	-----
TOTAL, SHIPPING AREA-----	32,987	36,962	-----	197,787	-----	1,002,487	-----	-----	-----
ATLANTIC INTRACOASTAL WATERWAY-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
ENGINEER DISTRICT, JACKSONVILLE-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
ST. JOHNS RIVER, FLA.-----	-----	-----	-----	-----	-----	2,053	-----	-----	-----
ATLANTIC INTRACOASTAL WATERWAY-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
ENGINEER DISTRICT, JACKSONVILLE-----	-----	16,539	-----	-----	-----	453,209	-----	-----	-----
TOTAL, SHIPPING AREA-----	-----	16,539	-----	-----	-----	455,262	-----	-----	-----
INTRACOASTAL WATERWAY, CALOOSAHATCHEE RIVER TO ANCLOTE RIVER, FLA./-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
OKEECHOBEE WATERWAY, FLA.-----	-----	72,638	-----	-----	-----	564,290	-----	-----	-----
INTRACOASTAL WATERWAY, CALOOSAHATCHEE RIVER TO ANCLOTE RIVER, FLA.-----	-----	50,529	-----	-----	-----	259,734	-----	1,167	-----
TOTAL, SHIPPING AREA-----	-----	123,167	-----	-----	-----	824,024	-----	1,167	-----

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

CALENDAR YEAR 1989

(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)	VAPHTHA (CODE 2917)	LUBRI- CATING OILS AND GREASES (CODE 2916)	OTHER PETROLEUM PRODUCTS (CODES 2918, 2921, 2991)
GULF INTRACASTAL WATERWAY/ APALACHEE BAY, FLA., TO MOBILE BAY, ALA.,									
GULF INTRACASTAL WATERWAY/ APALACHEE BAY, FLA., TO MOBILE BAY, ALA.,		10,487		9,954					
GULF INTRACASTAL WATERWAY/ MOBILE BAY, ALA., TO NEW ORLEANS, LA.,				19,585		7,452		1,068	
GALVESTON BAY, TEXAS,		3,656				1,225			
MONONGAHELA RIVER, PA. AND N.VA.,									
TOTAL, SHIPPING AREA		14,143		29,499		8,677		1,068	
GULF OF MEXICO/ GULF OF MEXICO	2,725	271,613						1	11,211
WARRIOR RIVER SYSTEM	1,216	111							
GULF INTRACASTAL WATERWAY/ MOBILE BAY, ALA., TO NEW ORLEANS, LA.,		1,073	16,707						28,516
INNERHARBOR NAVIGATION CANAL, LA.,		177							
LAKE PONTCHARTRAIN, LA.,	170	295							
WATERWAY FROM EMPIRE, LA., TO GULF OF MEXICO			727						
GULF INTRACASTAL WATERWAY/ MISSISSIPPI RIVER, LA., TO BABINE RIVER, TEX.,		80,753	357,797						
GULF INTRACASTAL WATERWAY/ PLAQUEMINE TO MORGAN CITY ROUTE, LA.,			16,734						
ATCHAFALAYA RIVER, LA.,		408	11,048						
BAYOU VERMILION, LA.,		130							
CALCASIEU RIVER AND PASS, LA.,		10,330	674,489	217					
BABINE-NECHES WATERWAY, TEXAS,	7,194		17,007						
GALVESTON BAY, TEXAS,			81,196						
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES		2,978	538,159						111,146
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,	77,795		309,521						18,893
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,	10,344								1,021
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	6,339								
ILLINOIS RIVER, ILL.,	2,500								
PORT OF CHICAGO, ILL.,	5,730								
TOTAL, SHIPPING AREA	114,013	367,868	2,025,385	217				1	170,787
WARRIOR RIVER SYSTEM/ GULF INTRACASTAL WATERWAY/ APALACHEE BAY, FLA., TO MOBILE BAY, ALA.,	180,845	38,137				86,777			75,761
APALACHICOLA, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA.,		23,487				11,899			48,993
GULF OF MEXICO		162							
WARRIOR RIVER SYSTEM	23,866	48,468	602,088			456,657			226,595
ALABAMA-COOSA RIVERS, ALA. AND GA.,						3,706			
GULF INTRACASTAL WATERWAY/ MOBILE BAY, ALA., TO NEW ORLEANS, LA.,	99,065	54,409	62,761			5,646			30,270
GULF INTRACASTAL WATERWAY/ MISSISSIPPI RIVER, LA., TO BABINE RIVER, TEX.,			207,477						3,544
ATCHAFALAYA RIVER, LA.,		20,250				23,791			
CALCASIEU RIVER AND PASS, LA.,		7,596	12,570	3,555		9,543	17,451		
BABINE-NECHES WATERWAY, TEXAS,	6,485	59,185	423,862			21,904	148,341		
GALVESTON BAY, TEXAS,	6,259	151,497	451,837			260,825	44,586		
GULF INTRACASTAL WATERWAY/ GALVESTON TO CORPUS CHRISTI, TEXAS,			33,668						
GULF INTRACASTAL WATERWAY/ CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER		30,710	6,128			41,481			5,443
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES		16,631	396,728			11,869	25,564	3,470	10,632
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,	23,296	8,506	341,005	7,110		32,102	37,978		
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,									6,235
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	6,486						9,758		
PORT OF CHICAGO, ILL.,						22,250			
TOTAL, SHIPPING AREA	346,302	457,038	2,358,044	10,665		988,450	283,678	3,470	407,473

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 1989

(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)
ALABAMA-COOSA RIVERS, ALA. AND GA./ WARRIOR RIVER SYSTEM			17,695						
GULF INTRACOASTAL WATERWAY ¹ MOBILE BAY, ALA., TO NEW ORLEANS, LA./ GULF INTRACOASTAL WATERWAY ¹ APALACHEE BAY, FLA., TO MOBILE BAY, ALA.	405,212	148,355		1,990		26,407			137,920
APALACHEE BAY, FLA., TO MOBILE BAY, ALA.									
APALACHEE BAY, FLA., TO MOBILE BAY, ALA.									
FLINT RIVERS, GA. AND FLA.	15,177	6,647							22,698
GULF OF MEXICO		206							116,201
WARRIOR RIVER SYSTEM	65,938	66,719							752,658
GULF INTRACOASTAL WATERWAY ¹ MOBILE BAY, ALA., TO NEW ORLEANS, LA.	99,419	38,009	7,205						27,478
PASCAGOULA RIVER, MISS.		187							
WATERWAY FROM EMPIRE, LA., TO GULF OF MEXICO			12,938						
GULF INTRACOASTAL WATERWAY ¹ MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.			16,642						
OUCHITA AND BLACK RIVERS, ARK. AND LA.			5,199						
CALCASIEU RIVER AND PASS, LA.						8,155			
SABINE-NECHES WATERWAY, TEXAS	47,277					33,249	41,868		45,300
GALVESTON BAY, TEXAS	35,433	27,850				175,236	32,897		17,770
GULF INTRACOASTAL WATERWAY ¹ GALVESTON TO CORPUS CHRISTI, TEXAS	12,350								
GULF INTRACOASTAL WATERWAY ¹ CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER	5,680								
MISSISSIPPI RIVER ¹ NEW ORLEANS, LA., TO MOUTH OF PASSES	22,504		68,431			20,073			20,174
MISSISSIPPI RIVER ¹ BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	326,123	60,120				82,273	7,505	26,542	3,010
MISSISSIPPI RIVER ¹ MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	8,836	1,242							5,682
MISSISSIPPI RIVER ¹ MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	103,008						10,605		
OHIO RIVER, TENN.	15,996	7,791							
OHIO RIVER ¹ ENGINEER DISTRICT, LOUISVILLE	232,127	119,634		196,210					
OHIO RIVER ¹ ENGINEER DISTRICT, HUNTINGTON	13,355								
TENNESSEE RIVER, TENN., ALA. AND KY.	63,310	87,414		1,242					72,721
CUMBERLAND RIVER, TENN. AND KY.								2,780	121,531
KANAWHA RIVER, W.VA.	5,051								
ILLINOIS RIVER, ILL.	2,424								
PORT OF CHICAGO, ILL.		40,600				62,243			
TOTAL, SHIPPING AREA	1,429,220	604,774	110,415	199,442		407,636	92,875	29,322	1,345,143
LAKE PONCHARTRAIN, LA./ GULF INTRACOASTAL WATERWAY ¹ MOBILE BAY, ALA., TO NEW ORLEANS, LA.			2,684						
MISSISSIPPI RIVER ¹ NEW ORLEANS, LA., TO MOUTH OF PASSES			613						
TOTAL, SHIPPING AREA			3,297						
LAKE MAUREPAS, LA./ GULF OF MEXICO									5,630
GULF INTRACOASTAL WATERWAY ¹ MOBILE BAY, ALA., TO NEW ORLEANS, LA.			3,680						
MISSISSIPPI RIVER ¹ NEW ORLEANS, LA., TO MOUTH OF PASSES			45,806						
TOTAL, SHIPPING AREA			49,486						5,630
WATERWAY FROM EMPIRE, LA., TO GULF OF MEXICO									
GULF INTRACOASTAL WATERWAY ¹ MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.			2,042						
GALVESTON BAY, TEXAS			6,032						
MISSISSIPPI RIVER ¹ NEW ORLEANS, LA., TO MOUTH OF PASSES			22,955						
MISSISSIPPI RIVER ¹ BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	2,802		534,976						
TOTAL, SHIPPING AREA	2,802		566,005						

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

CALENDAR YEAR 1989

(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)
GULF INTRACOASTAL WATERWAY/ MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.,									
GULF INTRACOASTAL WATERWAY/ APALACHEE BAY, FLA., TO MOBILE BAY, ALA.,				1,820					
GULF OF MEXICO		212,819							
WARRIOR RIVER SYSTEM			659,513						
GULF INTRACOASTAL WATERWAY/ MOBILE BAY, ALA., TO NEW ORLEANS, LA.,			3,295						
INNERHARBOR NAVIGATION CANAL, LA.,		3,980							
WATERWAY FROM EMPIRE, LA., TO GULF OF MEXICO			12,415						
GULF INTRACOASTAL WATERWAY/ MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.,		26,084	997,432						
GULF INTRACOASTAL WATERWAY/ PLAQUEMINE TO MORGAN CITY ROUTE, LA.,		220							
ATCHAFALAYA RIVER, LA.,		1,876	1,318,146			5,165			
INLAND WATERWAY, FRANKLIN TO MERMENTAU RIVER, LA.,		2,475							
BAYOU VERMILION, LA.,		22,467							
MERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.,			1,838						
CALCASIEU RIVER AND PASS, LA.,	7,790	3,391	1,153,557						
SABINE-NECHES WATERWAY, TEXAS,	94,567		310,584						
GALVESTON BAY, TEXAS,	31,586		567,010			1,939			
GULF INTRACOASTAL WATERWAY/ GALVESTON TO CORPUS CHRISTI, TEXAS,	7,546		38,200						
GULF INTRACOASTAL WATERWAY/ CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER	11,551		14,526						
MISSISSIPPI RIVER/ NEW ORLEANS, LA., TO MOUTH OF PASSES-	5,137	928	2,300,673			38	1,539		868
MISSISSIPPI RIVER/ BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,	49,172		291,485						
MISSISSIPPI RIVER/ MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,			56,220						
TOTAL, SHIPPING AREA	207,349	274,240	7,724,894	1,820		7,142	1,539		868
GULF INTRACOASTAL WATERWAY/ PLAQUEMINE TO MORGAN CITY ROUTE, LA.,									
WARRIOR RIVER SYSTEM			3,064						
GULF INTRACOASTAL WATERWAY/ MOBILE BAY, ALA., TO NEW ORLEANS, LA.,									913
GULF INTRACOASTAL WATERWAY/ MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.,			604,701						
GULF INTRACOASTAL WATERWAY/ PLAQUEMINE TO MORGAN CITY ROUTE, LA.,			29,754						
ATCHAFALAYA RIVER, LA.,	1,515								
CALCASIEU RIVER AND PASS, LA.,	10,173		42,592						
SABINE-NECHES WATERWAY, TEXAS,	62,260		1,532						3,171
GALVESTON BAY, TEXAS,	20,635					2,181			1,751
GULF INTRACOASTAL WATERWAY/ CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER	15,838								
MISSISSIPPI RIVER/ NEW ORLEANS, LA., TO MOUTH OF PASSES-	13,169		1,328						85,350
MISSISSIPPI RIVER/ BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,	108,957						15,217		
MISSISSIPPI RIVER/ MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,									4,318
MISSISSIPPI RIVER/ MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	2,800								
TOTAL, SHIPPING AREA	235,347		682,971				17,398		95,503
ATCHAFALAYA RIVER, LA.,									
GULF OF MEXICO		782							
WARRIOR RIVER SYSTEM							8,052		
GULF INTRACOASTAL WATERWAY/ MOBILE BAY, ALA., TO NEW ORLEANS, LA.,			1,303				8,164		946
WATERWAY FROM EMPIRE, LA., TO GULF OF MEXICO			108,872						

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

CALENDAR YEAR 1989

(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)
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES- MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,-----	27,178	-----	28,016	-----	-----	1,393	-----	-----	91,330
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,-----	1,099	-----	30,334	-----	-----	1,789	-----	-----	2,598
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER,-----	-----	-----	-----	1,498	-----	-----	-----	-----	-----
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER,-----	2,317	-----	-----	-----	-----	-----	-----	-----	-----
PORT OF CHICAGO, ILL.,-----	4,673	-----	-----	-----	-----	-----	-----	-----	-----
TOTAL, SHIPPING AREA-----	147,748	5,908	382,996	1,498	-----	3,182	9,680	-----	118,508
CALCASIEU RIVER AND PASS, LA./ GULF INTRACOASTAL WATERWAY' APALACHEE BAY, FLA., TO MOBILE BAY, ALA.,-----	3,632	-----	-----	90,565	-----	-----	2,041	-----	-----
APALACHICOLA, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA.,-----	6,356	-----	-----	-----	-----	-----	-----	-----	-----
GULF OF MEXICO-----	-----	18,976	-----	751	-----	-----	-----	550	-----
WARRIOR RIVER SYSTEM-----	-----	-----	-----	-----	-----	15,836	-----	-----	-----
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.,-----	2,076	-----	-----	1,796	-----	-----	6,815	-----	-----
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.,-----	-----	121,748	79,726	-----	-----	59,454	-----	-----	-----
GULF INTRACOASTAL WATERWAY' PLAQUEMINE TO MORGAN CITY ROUTE, LA.,-----	-----	-----	-----	-----	-----	-----	-----	2,857	-----
ATCHAFALAYA RIVER, LA.,-----	-----	12,837	4,596	-----	-----	-----	-----	-----	-----
INLAND WATERWAY, FRANKLIN TO MERMENTAU RIVER, LA.,-----	-----	1,606	-----	-----	-----	-----	-----	-----	-----
BAYOU VERMILION, LA.,-----	-----	14,730	-----	-----	-----	-----	-----	-----	-----
MERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.,-----	-----	-----	-----	-----	-----	-----	-----	-----	1,534
CALCASIEU RIVER AND PASS, LA.,-----	7,847	106,543	269,477	21,057	-----	100,088	20,749	355	-----
SABINE-NECHES WATERWAY, TEXAS-----	185,256	79,869	31,172	10,663	-----	94,927	33,025	42,528	-----
SALVESTON BAY, TEXAS-----	69,207	154,401	1,128,270	64,203	3,128	180,738	81,602	48,223	86,458
GULF INTRACOASTAL WATERWAY' SALVESTON TO CORPUS CHRISTI, TEXAS-----	115,656	-----	6,104	-----	-----	-----	-----	-----	9,218
GULF INTRACOASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER-----	38,742	-----	-----	-----	-----	14,595	19,410	13,026	29,299
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES- MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,-----	5,188	4,726	6,524	-----	-----	56,339	15,479	1,770	1,338
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,-----	82,477	65,735	3,266	-----	-----	203,624	66,264	1,442	1,449
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER,-----	10,175	-----	9,136	44,367	-----	-----	-----	23,244	-----
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER,-----	40,926	-----	-----	8,533	-----	-----	1,272	52,547	-----
ARKANSAS RIVER, ARK.,-----	50,496	9,600	-----	-----	-----	-----	-----	5,148	-----
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE,-----	30,456	-----	-----	38,128	-----	5,196	-----	1,298	-----
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH-----	-----	-----	-----	-----	-----	-----	988	6,204	-----
TENNESSEE RIVER, TENN., ALA., AND KY.,-----	-----	5,886	-----	-----	-----	-----	-----	-----	-----
ALLEGHENY RIVER, PA.,-----	-----	-----	-----	-----	-----	-----	-----	29,794	-----
ILLINOIS RIVER, ILL.,-----	2,500	-----	-----	-----	-----	-----	7,968	67,575	-----
PORT OF CHICAGO, ILL.,-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
TOTAL, SHIPPING AREA-----	650,990	596,557	1,533,271	275,973	3,128	730,628	257,613	298,150	129,296
SABINE-NECHES WATERWAY, TEXAS/ GULF INTRACOASTAL WATERWAY' APALACHEE BAY, FLA., TO MOBILE BAY, ALA.,-----	-----	-----	-----	25,307	-----	21,407	1,874	32,946	-----
ESCAMBIA AND CONECHUM RIVERS, FLA. AND ALA.,-----	-----	-----	-----	-----	-----	-----	-----	-----	829
GULF OF MEXICO-----	-----	593	-----	-----	-----	-----	-----	441	-----
WARRIOR RIVER SYSTEM-----	6,592	9,305	267,694	-----	-----	274,295	5,899	-----	2,269
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.,-----	159,048	28,634	-----	-----	-----	21,547	12,446	-----	25,066
WATERWAY FROM EMPIRE, LA., TO GULF OF MEXICO-----	-----	-----	4,540	-----	-----	-----	-----	-----	-----

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 1989

(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 MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.,-----	86,806	42,678	29,074	9,000	-----	55,895	-----	-----	-----
GULF INTRACOASTAL WATERWAY PLAQUEMINE TO MORGAN CITY ROUTE, LA.,-----	-----	-----	-----	-----	-----	-----	36,569	20,670	-----
ATCHAFALAYA RIVER, LA.,-----	-----	26,732	29,947	-----	-----	39,093	6,244	-----	-----
CALCASIEU RIVER AND PASS, LA.,-----	6,486	38,999	458,641	8,120	17,860	174,696	33,053	-----	130,423
SABINE-NECHES WATERWAY, TEXAS-----	171,418	109,162	579,300	-----	-----	440,802	316,002	2,036	10,249
GULF INTRACOASTAL WATERWAY SABINE RIVER TO GALVESTON, TEXAS,-----	-----	-----	1,638	-----	-----	1,416	15,918	-----	-----
GALVESTON BAY, TEXAS,-----	329,578	541,370	188,919	88,472	-----	1,909,675	229,877	119,937	400,150
GULF INTRACOASTAL WATERWAY GALVESTON TO CORPUS CHRISTI, TEXAS,-----	29,178	34,091	-----	-----	-----	155,118	14,835	-----	195,258
GULF INTRACOASTAL WATERWAY CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER,-----	9,300	22,917	65,283	-----	-----	105,040	37,271	15,510	22,160
MISSISSIPPI RIVER, NEW ORLEANS, LA., TO MOUTH OF PASSES- MISSISSIPPI RIVER, BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,-----	12,469	7,657	49,018	-----	-----	419,223	7,000	66,639	24,587
MISSISSIPPI RIVER, MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,-----	226,754	62,751	80,349	-----	3,051	305,738	99,703	5,631	236,754
MISSISSIPPI RIVER, MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER,-----	10,311	8,812	16,083	21,330	-----	-----	3,036	30,213	-----
MISSISSIPPI RIVER, MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER,-----	-----	7,052	-----	-----	-----	-----	-----	17,349	2,903
ARKANSAS RIVER, ARK.,-----	15,670	3,940	-----	18,486	-----	-----	1,411	13,938	6,131
WOLF RIVER, TENN.,-----	2,708	-----	-----	-----	-----	-----	5,657	3,974	29,933
OHIO RIVER, ENGINEER DISTRICT, LOUISVILLE,-----	6,401	27,712	-----	5,061	-----	-----	-----	106,583	31,130
OHIO RIVER, ENGINEER DISTRICT, PITTSBURGH,-----	-----	-----	-----	-----	-----	22,976	-----	86,649	-----
TENNESSEE RIVER, TENN., ALA. AND KY.,-----	5,926	4,715	-----	-----	-----	-----	-----	-----	-----
BIG SANDY RIVER, KY. AND W.VA.,-----	-----	-----	-----	-----	-----	-----	1,400	-----	-----
ILLINOIS RIVER, ILL.,-----	-----	-----	-----	-----	-----	13,031	-----	-----	3,182
LAKE MICHIGAN,-----	-----	-----	-----	-----	-----	23,253	32,830	4,339	-----
PORT OF CHICAGO, ILL.,-----	2,389	-----	-----	-----	-----	-----	-----	110,348	-----
TOTAL, SHIPPING AREA,-----	1,081,036	977,120	1,770,886	175,776	20,911	3,982,907	861,025	639,203	1,119,024
GULF INTRACOASTAL WATERWAY, SABINE RIVER TO GALVESTON, TEXAS/ GULF INTRACOASTAL WATERWAY MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.,-----	-----	-----	3,154	-----	-----	-----	-----	-----	-----
ATCHAFALAYA RIVER, LA.,-----	-----	-----	109,998	-----	-----	-----	-----	-----	-----
SABINE-NECHES WATERWAY, TEXAS-----	-----	-----	-----	-----	-----	-----	10,362	-----	-----
GULF INTRACOASTAL WATERWAY SABINE RIVER TO GALVESTON, TEXAS,-----	-----	-----	39,093	-----	-----	-----	-----	-----	-----
GALVESTON BAY, TEXAS,-----	-----	-----	107,360	-----	-----	1,766	-----	-----	-----
GULF INTRACOASTAL WATERWAY CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER,-----	-----	-----	7,862	-----	-----	-----	-----	-----	-----
MISSISSIPPI RIVER, MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER,-----	3,100	-----	-----	-----	-----	-----	2,800	-----	-----
PORT OF CHICAGO, ILL.,-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
TOTAL, SHIPPING AREA,-----	3,100	-----	267,467	-----	-----	1,766	13,162	-----	-----
GALVESTON BAY, TEXAS/ GULF INTRACOASTAL WATERWAY APALACHEE BAY, FLA., TO MOBILE BAY, ALA.,-----	45,935	-----	-----	36,560	-----	-----	6,305	1,974	878
ESCAMBIA AND CONECH RIVERS, FLA. AND ALA.,-----	42,386	-----	-----	-----	-----	20,747	-----	8,197	47,598
HARRIS RIVER SYSTEM,-----	-----	-----	-----	-----	-----	-----	-----	-----	878
GULF INTRACOASTAL WATERWAY MOBILE BAY, ALA., TO NEW ORLEANS, LA.,-----	48,514	-----	-----	-----	-----	11,008	3,414	-----	12,810
WATERWAY FROM EMPIRE, LA., TO GULF OF MEXICO,-----	-----	-----	4,726	-----	-----	-----	-----	-----	-----
GULF INTRACOASTAL WATERWAY MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.,-----	-----	-----	-----	27,513	-----	157,723	-----	-----	-----
GULF INTRACOASTAL WATERWAY PLAQUEMINE TO MORGAN CITY ROUTE, LA.,-----	-----	-----	-----	-----	-----	-----	-----	4,456	-----
ATCHAFALAYA RIVER, LA.,-----	33,130	34,108	74,876	-----	-----	25,330	3,710	-----	-----
MENTAUX RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.,-----	5,013	-----	-----	-----	-----	2,122	-----	-----	-----
CALCASIEU RIVER AND PASS, LA.,-----	84,424	90,257	-----	1,567	8,989	119,688	100,908	276	42,411

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

CALENDAR YEAR 1989

(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 2918, 2921, 2991)
SABINE-NECHES WATERWAY, TEXAS---	285,048	172,489	37,148	-----	-----	121,751	430,352	37,722	73,078
GULF INTRACOASTAL WATERWAY	-----	-----	-----	-----	-----	-----	-----	-----	-----
SABINE RIVER TO GALVESTON,	-----	-----	-----	1,712	-----	4,451	-----	-----	-----
TEXAS-----	1,325,053	930,144	674,965	285,033	46,686	5,407,110	1,303,644	318,380	495,465
GULF INTRACOASTAL WATERWAY	-----	-----	-----	-----	-----	-----	-----	-----	-----
GALVESTON TO CORPUS CHRISTI,	172,314	76,203	1,127,620	-----	-----	153,368	30,725	85,255	183,851
TEXAS-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
GULF INTRACOASTAL WATERWAY	-----	-----	-----	-----	-----	-----	-----	-----	-----
CORPUS CHRISTI, TEXAS, TO THE	98,217	50,863	41,798	3,000	-----	94,394	57,652	66,410	50,173
MEXICAN BORDER-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
MISSISSIPPI RIVER, NEW	70,954	19,101	9,936	2,798	-----	157,317	66,812	129,371	256,512
ORLEANS, LA., TO MOUTH OF PASSES-	-----	-----	-----	-----	-----	-----	-----	-----	-----
MISSISSIPPI RIVER, BATON ROUGE,	582,573	843,230	55,540	18,985	-----	1,433,384	423,767	162,357	71,410
LA., TO BUT NOT INCLUDING NEW	-----	-----	-----	-----	-----	-----	-----	-----	-----
ORLEANS, LA.-----	108,436	33,750	-----	15,642	-----	-----	-----	3,974	-----
MISSISSIPPI RIVER, MOUTH OF	-----	-----	-----	-----	-----	-----	-----	-----	-----
MISSOURI RIVER TO MOUTH OF OHIO	19,940	4,039	-----	-----	-----	-----	3,915	-----	-----
RIVER-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
MISSISSIPPI RIVER, MINNEAPOLIS,	164,180	19,712	-----	-----	-----	-----	53,645	8,538	4,798
MINN., TO MOUTH OF MISSOURI	-----	-----	-----	21,330	-----	-----	1,400	-----	-----
RIVER-----	-----	856	-----	-----	-----	-----	21,668	-----	-----
ARKANSAS RIVER, ARK.-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
WOLF RIVER, TENN.-----	4,512	3,209	-----	-----	-----	-----	-----	-----	-----
OHIO RIVER, ENGINEER DISTRICT,	-----	-----	-----	-----	-----	-----	-----	-----	-----
LOUISVILLE-----	6,434	-----	-----	-----	-----	-----	5,180	1,321	-----
OHIO RIVER, ENGINEER DISTRICT,	5,429	-----	-----	-----	-----	52,279	8,461	50,662	9,707
HUNTINGTON-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
OHIO RIVER, ENGINEER DISTRICT,	-----	-----	-----	-----	-----	-----	-----	-----	-----
PITTSBURGH-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
TENNESSEE RIVER, TENN., ALA.	-----	-----	-----	-----	-----	-----	-----	-----	-----
AND KY.-----	54,765	1,191	-----	-----	-----	6,843	3,195	1,413	-----
BIG SANDY RIVER, KY. AND N.V.A.	-----	-----	-----	-----	-----	-----	-----	-----	5,621
MONONGAMELA RIVER, PA. AND	2,612	-----	-----	-----	-----	16,671	-----	-----	-----
N.V.A.-----	-----	48,963	-----	-----	-----	-----	1,725	63,873	-----
ALLEGHENY RIVER, PA.-----	2,373	100,683	-----	8,852	-----	10,508	6,482	-----	1,795
ILLINOIS RIVER, ILL.-----	10,578	14,706	-----	-----	-----	1,400	6,959	25,490	-----
PORT OF CHICAGO, ILL.-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
TOTAL, SHIPPING AREA-----	3,172,820	2,443,504	2,026,609	422,992	55,675	7,796,494	2,558,701	999,593	1,256,985
GULF INTRACOASTAL WATERWAY	-----	-----	-----	-----	-----	-----	-----	-----	-----
GALVESTON TO CORPUS CHRISTI, TEXAS/	-----	-----	-----	-----	-----	-----	-----	-----	-----
GULF INTRACOASTAL WATERWAY	-----	-----	-----	-----	-----	-----	-----	-----	-----
APALACHEE BAY, FLA., TO MOBILE	-----	-----	-----	13,514	-----	-----	-----	-----	-----
BAY, ALA.-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
ESCAMBA AND CONEJUN RIVERS,	-----	-----	-----	-----	-----	-----	-----	-----	-----
FLA. AND ALA.-----	-----	-----	4,762	-----	-----	50,274	-----	-----	1,158
WARRIOR RIVER SYSTEM-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
GULF INTRACOASTAL WATERWAY	-----	-----	-----	-----	-----	-----	-----	-----	-----
MOBILE BAY, ALA., TO NEW	-----	-----	-----	-----	-----	-----	-----	-----	-----
ORLEANS, LA.-----	6,336	2,128	5,975	-----	-----	5,955	-----	-----	-----
CALCASIEU RIVER AND PASS, LA.---	-----	-----	43,818	-----	-----	8,398	3,898	-----	50,784
SABINE-NECHES WATERWAY, TEXAS---	342,342	16,513	61,681	-----	-----	4,446	-----	-----	19,368
GALVESTON BAY, TEXAS-----	-----	-----	-----	-----	-----	359,700	33,540	1,689	100,032
GULF INTRACOASTAL WATERWAY	-----	-----	-----	-----	-----	-----	-----	-----	-----
GALVESTON TO CORPUS CHRISTI,	699	6,886	58,152	-----	-----	13,585	12,223	-----	-----
TEXAS-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
GULF INTRACOASTAL WATERWAY	-----	-----	-----	-----	-----	-----	-----	-----	-----
CORPUS CHRISTI, TEXAS, TO THE	-----	-----	75,041	-----	-----	-----	13,718	-----	32,998
MEXICAN BORDER-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
MISSISSIPPI RIVER, NEW	-----	-----	-----	-----	-----	-----	-----	-----	-----
ORLEANS, LA., TO MOUTH OF PASSES-	-----	-----	-----	-----	-----	3,770	-----	-----	-----
MISSISSIPPI RIVER, BATON ROUGE,	22,014	3,042	19,793	-----	-----	163,551	9,642	-----	-----
LA., TO BUT NOT INCLUDING NEW	-----	-----	-----	-----	-----	-----	-----	-----	-----
ORLEANS, LA.-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
MISSISSIPPI RIVER, MOUTH OF	-----	-----	-----	8,532	-----	-----	8,389	-----	-----
OHIO RIVER TO BUT NOT INCLUDING	-----	-----	-----	-----	-----	-----	-----	-----	-----
BATON ROUGE, LA.-----	23,756	-----	-----	5,688	-----	-----	-----	-----	-----
MISSISSIPPI RIVER, MOUTH OF	-----	-----	-----	9,243	-----	-----	-----	-----	-----
MISSOURI RIVER TO MOUTH OF OHIO	-----	-----	-----	-----	-----	-----	-----	-----	-----
RIVER-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
ARKANSAS RIVER, ARK.-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
OHIO RIVER, ENGINEER DISTRICT,	-----	-----	-----	-----	11,396	-----	-----	-----	6,691
HUNTINGTON-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
OHIO RIVER, ENGINEER DISTRICT,	-----	-----	-----	-----	-----	-----	-----	-----	-----
PITTSBURGH-----	-----	-----	-----	-----	-----	9,488	-----	-----	-----
TENNESSEE RIVER, TENN., ALA.	1,361	-----	-----	-----	-----	-----	-----	-----	-----
AND KY.-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
PORT OF CHICAGO, ILL.-----	-----	-----	-----	-----	-----	-----	12,032	-----	-----
TOTAL, SHIPPING AREA-----	396,508	28,569	269,222	36,977	11,396	619,167	93,442	1,689	211,031

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 AREACALENDAR YEAR 1989
(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)
GULF INTRACOASTAL WATERWAY: CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER									
GULF INTRACOASTAL WATERWAY: APALACHEE BAY, FLA., TO MOBILE BAY, ALA.	446,740	61,992		179,452		5,465			
HARRIS RIVER SYSTEM						31,190			21,732
GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.				3,698					
GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.	2,594								
CALCASIEU RIVER AND PASS, LA.		14,718			125,850	50,683			60,520
SABINE-NECHES WATERWAY, TEXAS	321,010	248,942	180,961	41,982		10,447	70,984		
GALVESTON BAY, TEXAS	1,124,780	587,642	259,004	113,162		567,727	214,519	13,079	103,555
GULF INTRACOASTAL WATERWAY: GALVESTON TO CORPUS CHRISTI, TEXAS	8,137	23,889	22,536			87,921	2,223		26,727
GULF INTRACOASTAL WATERWAY: CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER	970,726	310,455	432,323		1,626	694,504	106,403		17,882
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES	168,495	82,900				3,245	25,275		
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	14,598	32,123	55,428			77,811	19,311		10,216
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	233,925	100,815				8,917			15,957
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	6,616	2,216							
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER		11,310	5,282				12,931		
WOLF RIVER, TENN.									17,977
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE	76,913	11,355					32,475		
OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON									1,350
BIG SANDY RIVER, KY. AND W.VA.	1,443								
PORT OF CHICAGO, ILL.					28,481		14,176		
TOTAL, SHIPPING AREA	3,375,977	1,488,357	955,534	338,294	155,957	1,537,910	498,297	13,079	275,920
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES/ GULF INTRACOASTAL WATERWAY: APALACHEE BAY, FLA., TO MOBILE BAY, ALA.	38,779	1,773				11,751			145,304
APALACHEE, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA.	5,058	1,625				38,391			2,058
GULF OF MEXICO		49,976				164			1,619
HARRIS RIVER SYSTEM	22,567	4,606				36,819			17,720
GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.	6,096	312	690			29,889			880
INNERHARBOR NAVIGATION CANAL, LA.		2,627				72,505			
LAKE PONTCHARTRAIN, LA.		9,559							
WATERWAY FROM EMPIRE, LA., TO GULF OF MEXICO			14,725						
GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.	40,637	112,729	194,423			31,489	4,690		
ATCHAFALAYA RIVER, LA.		8,386	72,538				3,348		
OUCHITA AND BLACK RIVERS, ARK. AND LA.	3,150					7,162			
CALCASIEU RIVER AND PASS, LA.		1,883	3,064			179,426	6,968		
SABINE-NECHES WATERWAY, TEXAS	1,323	65,836	6,128			44,593	20,893		
GALVESTON BAY, TEXAS		20,875	47,712			57,491	54,188	14,000	16,099
GULF INTRACOASTAL WATERWAY: GALVESTON TO CORPUS CHRISTI, TEXAS			64,970			3,398			
GULF INTRACOASTAL WATERWAY: CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER			8,956						5,316
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES	12,670	173,223	499,582		3,279	1,188,028	46,912	2,653	8,536
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	20,247	66,947	510,486			536,014	8,189	2,367	30,750
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	14,047	2,806					9,196		49,428
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	71,113	18,017							

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

CALENDAR YEAR 1989

(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' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	19,598						39,594		
ARKANSAS RIVER, ARK.	8,595								
WOLF RIVER, TENN.	31,048	36,774				2,841			1,396
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE	559,298	195,194		3,864					
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON						9,542			
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH		5,760				34,561		1,360	
TENNESSEE RIVER, TENN., ALA. AND KY.	268,798	131,870				6,905			12,287
BIG SANDY RIVER, KY. AND W.VA.						1,200			1,254
ILLINOIS RIVER, ILL.	103,845	8,705				12,586			
BLACK RIVER, MIS.	6,800								
PORT OF CHICAGO, ILL.	7,000	12,259							
TOTAL, SHIPPING AREA	1,240,769	931,742	1,423,274	3,864	3,279	2,304,555	199,976	20,400	292,647
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.									
GULF INTRACOASTAL WATERWAY' APALACHEE BAY, FLA., TO MOBILE BAY, ALA.	7,782	3,397		201,265		26,806		2,520	7,848
APALACHEE BAY, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA.	4,150	4,522				29,342			
GULF OF MEXICO									1,247
WARRIOR RIVER SYSTEM	144,084	16,631	73,570			245,191			49,648
ALABAMA-COOSA RIVERS, ALA. AND GA.						13,206			
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.				7,680		73,287			3,007
INNERHARBOR NAVIGATION CANAL, LA.						3,746			
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.	2,253	34,222	44,443	12,541		115,989			
GULF INTRACOASTAL WATERWAY' PLAQUEMINE TO MORGAN CITY ROUTE, LA.							1,400	59,231	
ATCHAFALAYA RIVER, LA.	31,067	419,302	323,950		45,844	60,385	80,720		19,111
OUCHITA AND BLACK RIVERS, ARK. AND LA.	272,906					13,253			
INLAND WATERWAY, FRANKLIN TO MERMENTAU RIVER, LA.		1,423							
BAYOU VERMILLION, LA.		1,632							
MERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.									6,441
CALCASIEU RIVER AND PASS, LA.	11,594	37,772	6,138		51,382	29,408	27,538		1,379
SABINE-NECHES WATERWAY, TEXAS	64,537	242,141	7,660			269,952	29,767	2,871	
GALVESTON BAY, TEXAS	1,144,081	1,124,767	36,631	35,403	29,716	687,454	353,543	29,210	115,347
GULF INTRACOASTAL WATERWAY' GALVESTON TO CORPUS CHRISTI, TEXAS	199,592					11,740	7,048		
GULF INTRACOASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER	27,139		6,656				6,560	5,966	
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES	284,720	251,178	464,319			1,823,786	7,773	4,971	35,141
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	419,205	125,690	191,996	73,802	18,570	1,869,832	196,794	2,687	19,454
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	1,387,008	104,166	211,803	144,940		493,797	1,400		79,022
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	161,036	33,138		42,379		3,349		27,150	
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	293,325	11,050	12,832	35,467		390,304	45,466		
YAZOO RIVER AND MOUTH, MISS.								14,192	18,870
ARKANSAS RIVER, ARK.	69,755	12,103		35,595					
WOLF RIVER, TENN.	146,850	33,171		134,659		12,911	768		151,433
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE	153,687	191,330		216,523	18,658	10,346		16,071	251,888
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON		3,090				9,450		3,390	65,606
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH	15,167	20,755		33,168		191,402	12,051	19,369	75,888
TENNESSEE RIVER, TENN., ALA. AND KY.	14,293	19,430		4,732		16,434			117,117
CUMBERLAND RIVER, TENN. AND KY.									107,681
BIG SANDY RIVER, KY. AND W.VA.	6,622					1,642			
KANAWHA RIVER, W.VA.	92,769	14,654		1,408		17,362		1,311	
MONONGAHELA RIVER, PA. AND W.VA.		10,097				10,066			46,425
ALLEGHENY RIVER, PA.		24,862						3,051	

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 AREACALENDAR YEAR 1989
(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)
MISSOURI RIVER-----									20,972
ILLINOIS RIVER, ILL.-----		11,428		7,119		325,554	34,453		119,194
PORT OF CHICAGO, ILL.-----	9,104	3,280		1,273		107,946	8,064	10,710	17,908
TOTAL, SHIPPING AREA-----	9,962,926	2,775,231	1,379,998	987,945	164,170	6,883,940	813,341	202,700	1,330,607
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.-----									
HARRIOR RIVER SYSTEM-----									11,780
WATERWAY FROM EMPIRE, LA., TO GULF OF MEXICO-----			5,361						
ATCHAFALAYA RIVER, LA.-----	2,600	5,943	139,497				4,907		
CALCASIEU RIVER AND PASS, LA.-----							2,727		
SABINE-NECHES WATERWAY, TEXAS-----							13,514		
GALVESTON BAY, TEXAS-----		2,682	240,187			4,700	30,345	1,538	
GULF INTRACASTAL WATERWAY:1 CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER-----								1,298	
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES-----			102,804						
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----	35,036	4,850	701,817			18,865	11,678		2,856
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.-----	81,072	515,253				18,193	1,325		23,062
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----	6,017			3,927	7,605				
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----	46,765					8,783			
WOLF RIVER, TENN.-----		11,921							30,532
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE-----	36,735	4,932		3,613	3,498				
OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON-----								7,882	
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH-----								13,899	
TENNESSEE RIVER, TENN., ALA. AND KY.-----	2,242								
CUMBERLAND RIVER, TENN. AND KY.-----									69,580
BLACK RIVER, WIS.-----	4,361								
PORT OF CHICAGO, ILL.-----					1,050		13,090	1,505	
TOTAL, SHIPPING AREA-----	214,828	545,581	1,189,666	7,540	12,153	50,541	77,586	26,122	137,790
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----									
ATCHAFALAYA RIVER, LA.-----	2,205								
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES-----						3,349			
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----		5,251				82,826			2,941
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.-----	4,736	1,250							
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----	7,987	29,958				8,726			3,636
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----	28,641	9,831				9,928			2,727
WOLF RIVER, TENN.-----	14,690								
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE-----	7,561	25,501							
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH-----						10,879			
ILLINOIS RIVER, ILL.-----	71,265	16,666		1,372		7,132			9,963
BLACK RIVER, WIS.-----	10,497	4,023							
LAKE MICHIGAN-----									2,935
PORT OF CHICAGO, ILL.-----	1,400							1,941	5,545
TOTAL, SHIPPING AREA-----	148,982	92,480		1,372		122,840		1,941	27,747
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER/ HARRIOR RIVER SYSTEM-----						12,176			
GULF INTRACASTAL WATERWAY:1 MOBILE BAY, ALA., TO NEW ORLEANS, LA.-----						13,229			
GALVESTON BAY, TEXAS-----							1,338		
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES-----		11,100				268,827		24,820	26,623
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----	30,915	152,597	23,048			301,436		17,345	15,199

Waterborne Commerce of the United States, 1989

TABLE 4--DOMESTIC INLAND MOVEMENTS OF PETROLEUM AND PETROLEUM PRODUCTS--CONTINUED
SHIPPING AREA BY RECEIVING AREACALENDAR YEAR 1989
(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 TO MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	13,019	10,577		19,444					5,484
MISSISSIPPI RIVER TO MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	16,542	94,520				167,431			40,143
MISSISSIPPI RIVER TO MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	1,076,978	297,109		2,328	504	19,514	3,131	9,668	71,315
WOLF RIVER, TENN.	8,317	15,885		22,899					
OHIO RIVER ENGINEER DISTRICT, LOUISVILLE	296,978	173,578				7,482			63,422
OHIO RIVER ENGINEER DISTRICT, HUNTINGTON		2,140				25,866		1,328	5,444
OHIO RIVER ENGINEER DISTRICT, PITTSBURGH						1,827			
TENNESSEE RIVER, TENN., ALA. AND KY.	39,529	1,210				22,583			90,251
MISSOURI RIVER									140,417
ILLINOIS RIVER, ILL.	256,511	119,144		5,511	5,174				94,506
BLACK RIVER, WIS.	7,434	4,985							24,368
PORT OF CHICAGO, ILL.									117,003
TOTAL, SHIPPING AREA	1,746,223	882,845	23,048	50,182	5,678	860,423	3,131	54,499	696,175
YAZOO RIVER AND MOUTH, MISS./ GALVESTON BAY, TEXAS							3,902		
MISSISSIPPI RIVER TO BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	4,407								
MISSISSIPPI RIVER TO MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER		1,379							
MISSISSIPPI RIVER TO MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER						9,276			
TOTAL, SHIPPING AREA	4,407	1,379				9,276	3,902		
ARKANSAS RIVER, ARK./ GULF INTRACASTAL WATERWAY MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.						3,076			
CALCASIEU RIVER AND PASS, LA. MISSISSIPPI RIVER TO NEW ORLEANS, LA., TO MOUTH OF PASSES	2,600					25,244			
MISSISSIPPI RIVER TO BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.						222,497		2,583	38,189
MISSISSIPPI RIVER TO MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.									5,630
ARKANSAS RIVER, ARK.						17,368			82,172
WOLF RIVER, TENN.									
OHIO RIVER ENGINEER DISTRICT, LOUISVILLE						17,354			64,081
OHIO RIVER ENGINEER DISTRICT, HUNTINGTON									17,164
ALLEGHENY RIVER, PA.							1,169	13,419	
MINNESOTA RIVER, MINN.									6,197
PORT OF CHICAGO, ILL.									8,424
TOTAL, SHIPPING AREA	2,600					285,539	1,169	16,002	221,857
WOLF RIVER, TENN./ HARRISON RIVER SYSTEM GULF INTRACASTAL WATERWAY SABINE RIVER TO GALVESTON, TEXAS							1,400		11,540
GALVESTON BAY, TEXAS	4,208						9,796		
MISSISSIPPI RIVER TO NEW ORLEANS, LA., TO MOUTH OF PASSES						5,967			6,363
MISSISSIPPI RIVER TO BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.						26,999			6,363
MISSISSIPPI RIVER TO MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	10,041	24,029		55,657					
MISSISSIPPI RIVER TO MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	90,215	21,488							
MISSISSIPPI RIVER TO MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	27,567				12,845		6,614		8,288
ARKANSAS RIVER, ARK.									
WOLF RIVER, TENN.	127,395	88,272		2,608					
OHIO RIVER ENGINEER DISTRICT, LOUISVILLE	25,857	8,147				2,800			
OHIO RIVER ENGINEER DISTRICT, PITTSBURGH						10,948			

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CALENDAR: YEAR 1989

(IN TONS OF 2,000 POUNDS)

[illegible]

(IN TONS OF 2,000 POUNDS)

[illegible]

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 1989

(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)
PORT OF CHICAGO, ILL.-----	1,318						11,064	26,096	
TOTAL, SHIPPING AREA-----	10,862	13,914		1,237	1,151	335,218	49,861	269,422	570,527
KANAWHA RIVER, W.VA./ OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH-----						3,904			
LITTLE KANAWHA RIVER, W.VA./ MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----			2,708						
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH-----			53,878						
TOTAL, SHIPPING AREA-----			56,586						
MONONGAHELA RIVER, PA. AND W.VA./ GALVESTON BAY, TEXAS-----									5,274
GULF INTRACOASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER-----								1,358	
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES- MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----								1,343	
YAZOO RIVER AND MOUTH, MISS. OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE-----								1,255	
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON-----						2,800		2,348	
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH-----						21,490			51,169
TENNESSEE RIVER, TENN., ALA. AND KY.-----	1,400					21,000			
BIG SANDY RIVER, KY. AND W.VA./ MONONGAHELA RIVER, PA. AND W.VA.-----	2,906	112,977							4,044
TOTAL, SHIPPING AREA-----	4,306	3,840				45,290		6,304	60,487
MISSOURI RIVER/ MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----									2,425
ILLINOIS RIVER, ILL./ SABINE-NECHES WATERWAY, TEXAS-----	13,287	30,071							
GALVESTON BAY, TEXAS-----		8,016							5,357
GULF INTRACOASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER-----									6,660
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES- MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----		25,287				11,452			
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----	19,425	17,766				99,224			
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----	79,503	56,911				7,407			
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE-----						9,904	5,723		2,947
TENNESSEE RIVER, TENN., ALA. AND KY.-----		17,662							
ILLINOIS RIVER, ILL.-----	74,371	28,278		1,405		12,615			24,145
BLACK RIVER, MIS.-----	71,591	47,645				1,654			
PORT OF CHICAGO, ILL.-----	4,264	26,855				57,359			31,676
TOTAL, SHIPPING AREA-----	262,441	258,491		1,405		199,595	5,723		70,985
LAKE ERIE/ LAKE ERIE-----						2,421			
DETROIT AND ROUGE RIVERS, MICH./ DETROIT AND ROUGE RIVERS, MICH.-----						14,548			
LAKE MICHIGAN/ GALVESTON BAY, TEXAS-----							1,400		
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----		10,077							
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----		3,580			1,388			31,524	
TENNESSEE RIVER, TENN., ALA. AND KY.-----								18,185	
ILLINOIS RIVER, ILL.-----		8,254				1,053			

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

CALENDAR YEAR 1989

(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)
LAKE MICHIGAN-----		5,456		21,450		50,901			
TOTAL, SHIPPING AREA-----		27,367		21,450	1,388	51,954	1,400	49,709	
PORT OF CHICAGO, ILL./ HARRIOR RIVER SYSTEM-----									8,365
GULF INTRACOASTAL WATERWAY/ MOBILE BAY, ALA., TO NEW ORLEANS, LA.-----						32,286			
SABINE-NECHES WATERWAY, TEXAS/ GALVESTON BAY, TEXAS-----		9,723				20,776	8,795		38,885
MISSISSIPPI RIVER* NEW ORLEANS, LA., TO MOUTH OF PASSES- MISSISSIPPI RIVER* BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----		14,656				47,399		5,856	
MISSISSIPPI RIVER* MOUTH OF MISSISSIPPI RIVER TO MOUTH OF OHIO RIVER-----	10,667	40,186				89,744		9,650	23,808
MISSISSIPPI RIVER* MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----	5,045	7,895	37,108			58,184	22,137		34,648
OHIO RIVER* ENGINEER DISTRICT, LOUISVILLE-----									20,533
OHIO RIVER* ENGINEER DISTRICT, HUNTINGTON-----						57,566			
OHIO RIVER* ENGINEER DISTRICT, PITTSBURGH-----						18,802	2,715		1,132
BIG SANDY RIVER, KY, AND W. VA., ILLINOIS RIVER, ILL.-----	3,967 13,838	15,444				1,400 25,893	1,153 6,999		2,734
PORT OF CHICAGO, ILL.-----	118,140	146,186		2,125		130,186	63,000	13,328	193,613
TOTAL, SHIPPING AREA-----	151,657	234,090	37,108	2,125		499,016	107,483	29,034	371,827
LAKE SUPERIOR/ LAKE SUPERIOR-----		9,923				41,024			
LAKE OF THE WOODS, MINN.-----		62				170			
TOTAL, SHIPPING AREA-----		9,985				41,194			
LOS ANGELES AND LONG BEACH HARBORS, CALIF.-----									
LOS ANGELES AND LONG BEACH HARBORS, CALIF.-----	17,888	215,598	1,138,613			6,303,982	32,616	15,112	8,747
SAN FRANCISCO BAY AREA/ SAN FRANCISCO BAY AREA-----	187,680	280,630	7,226,355	106,688	167	1,654,758		63,121	74,149
SAN JOAQUIN RIVER, CALIF.-----	21,889					54,005			
TOTAL, SHIPPING AREA-----	209,569	280,630	7,226,355	106,688	167	1,708,763		63,121	74,149
SAN JOAQUIN RIVER, CALIF./ SAN FRANCISCO BAY AREA-----	7,014					3,261			
COLUMBIA RIVER* VANCOUVER, WASH., TO THE MOUTH/ COLUMBIA RIVER* VANCOUVER, WASH., TO THE MOUTH-----	2,004					2,088			
COLUMBIA RIVER* ABOVE CELILO FALLS TO KENNEWICK, WASH.-----	29,807	9,930							
WILLAMETTE AND YAMHILL RIVERS, OREG.-----	30,141	2,953				962			
SNAKE RIVER, OREG., WASH, AND IDAHO-----	830	3,109							
TOTAL, SHIPPING AREA-----	62,782	15,992				3,050			
COLUMBIA RIVER* ABOVE CELILO FALLS TO KENNEWICK, WASH./ COLUMBIA RIVER* VANCOUVER, WASH., TO THE MOUTH-----	642	2,304							
COLUMBIA RIVER* ABOVE CELILO FALLS TO KENNEWICK, WASH.-----	6,289	27,006							
WILLAMETTE AND YAMHILL RIVERS, OREG.-----	47,862			3,244		2,853			
SNAKE RIVER, OREG., WASH, AND IDAHO-----		6,839							
TOTAL, SHIPPING AREA-----	54,793	36,149		3,244		2,853			
WILLAMETTE AND YAMHILL RIVERS, OREG./ COLUMBIA RIVER* AT BAKER BAY, WASH.-----						700			
COLUMBIA RIVER* VANCOUVER, WASH., TO THE MOUTH-----	19,599	26,015				662,010		906	
COLUMBIA RIVER* ABOVE CELILO FALLS TO KENNEWICK, WASH.-----	350,887	681,377		10,989		13,091			
WILLAMETTE AND YAMHILL RIVERS, OREG.-----	58,973	30,801		3,734		251,895		92	

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 1989

(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)
SNAKE RIVER, OREG., WASH. AND IDAHO-----	33,447	67,910	-----	-----	-----	-----	-----	-----	-----
TOTAL, SHIPPING AREA-----	466,906	806,103	-----	14,723	-----	927,696	-----	998	-----
SNAKE RIVER, OREG., WASH. AND IDAHO/ COLUMBIA RIVER, VANCOUVER, WASH., TO THE MOUTH-----	2,968	-----	-----	-----	-----	-----	-----	-----	-----
GRAYS HARBOR AND CHEHALIS RIVER, WASH./ GRAYS HARBOR AND CHEHALIS RIVER, WASH.-----	-----	4,561	-----	-----	-----	67,553	-----	-----	-----
PUGET SOUND AND TRIBUTARY WATERS/ PUGET SOUND AND TRIBUTARY WATERS-----	367,262	623,441	2,173	72,510	-----	1,319,065	-----	1,466	204,425
LOWER & UPPER SOUTHEAST ALASKA/ LOWER & UPPER SOUTHEAST ALASKA--	29,891	111,729	-----	12,984	-----	-----	-----	19	1,957
PRINCE WILLIAM & COOK INLET, ALASKA AREA/ PRINCE WILLIAM & COOK INLET, ALASKA AREA-----	5,510	42,192	47,524	2,073	-----	-----	-----	29	120
ALASKA PENINSULA/ PRINCE WILLIAM & COOK INLET, ALASKA AREA-----	-----	-----	-----	-----	-----	-----	-----	-----	240
ALASKA PENINSULA-----	4,930	7,576	-----	2,016	-----	927	-----	4	12,716
TOTAL, SHIPPING AREA-----	4,930	7,576	-----	2,016	-----	927	-----	4	12,956
YUKON RIVER, ALASKA/ YUKON RIVER, ALASKA-----	80	280	-----	-----	-----	-----	-----	-----	26,553
BERING SEA PORTS, ALASKA/ ALASKA PENINSULA-----	668	3,463	-----	-----	-----	-----	-----	-----	-----
BERING SEA PORTS, ALASKA-----	2,954	4,911	-----	1,462	-----	-----	-----	-----	12,685
TOTAL, SHIPPING AREA-----	3,622	8,374	-----	1,462	-----	-----	-----	-----	12,685
OAHU, HAWAII/ OAHU, HAWAII-----	-----	4,722	-----	-----	-----	243,721	-----	-----	550
PUERTO RICO/ PUERTO RICO-----	7,691	-----	-----	-----	-----	-----	14,433	-----	-----

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

CALENDAR YEAR 1989

(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-----	466,333	3,712,199	2,185,078	2,409,648	859,040
PORT OF BOSTON, MASS./ PORT OF BOSTON, MASS.-----				750	
PORT OF NEW YORK, N.Y. AND N.J./ PORT OF NEW YORK, N.Y. AND N.J.-----		450,538			
DELAWARE RIVER/ PENNSYLVANIA AND DELAWARE SIDE/ BALTIMORE HARBOR AND CHANNELS, MD.-----				323	20
MANUA CREEK, N.J./ ST. JOHNS RIVER, FLA.-----				14,764	
CHRISTINA RIVER, DEL./ HAMPTON ROADS, VA.-----			4,150		
BALTIMORE HARBOR AND CHANNELS, MD./ DELAWARE RIVER/ NEW JERSEY SIDE----- DELAWARE RIVER/ PENNSYLVANIA AND DELAWARE SIDE----- CHESAPEAKE BAY----- CHESTER RIVER, MD.----- BALTIMORE HARBOR AND CHANNELS, MD.----- ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, CHARLESTON----- ST. JOHNS RIVER, FLA.-----		3,000 18 200 100 450 2,360			
				2,690 51,972	
TOTAL, SHIPPING AREA-----		5,378		55,412	
JAMES RIVER, VA./ HAMPTON ROADS, VA.----- ST. JOHNS RIVER, FLA.-----					1,220 1,446
TOTAL, SHIPPING AREA-----				1,446	1,220
HAMPTON ROADS, VA./ BALTIMORE HARBOR AND CHANNELS, MD.----- ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, CHARLESTON-----			6,765	135	
TOTAL, SHIPPING AREA-----		6,765		135	
ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, CHARLESTON/ CHRISTINA RIVER, DEL.----- BALTIMORE HARBOR AND CHANNELS, MD.----- ST. JOHNS RIVER, FLA.-----				1,522 5,978 14,352	
TOTAL, SHIPPING AREA-----				21,852	
SAVANNAH RIVER, GA./ CAPE FEAR RIVER, N.C.----- ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, CHARLESTON----- ST. JOHNS RIVER, FLA.----- ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, JACKSONVILLE-----				768 3,586 0,047 412	
TOTAL, SHIPPING AREA-----				8,813	
INTRACOASTAL WATERWAY, CALDOSSAHATCHEE RIVER TO ANCLOTE RIVER, FLA./ INTRACOASTAL WATERWAY, CALDOSSAHATCHEE RIVER TO ANCLOTE RIVER, FLA.-----				10	
GULF INTRACOASTAL WATERWAY/ APALACHEE BAY, FLA., TO MOBILE BAY, ALA./ HARRIOR RIVER SYSTEM----- GULF INTRACOASTAL WATERWAY/ MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.----- GULF INTRACOASTAL WATERWAY/ GALVESTON TO CORPUS CHRISTI, 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.-----		5,900 1,133 122,610 8,940	1,500	815	2,666 2,568
TOTAL, SHIPPING AREA-----		138,583	1,500	815	5,234
GULF OF MEXICO/ GULF OF MEXICO----- GULF INTRACOASTAL WATERWAY/ MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.----- CALCASIEU RIVER AND PASS, LA.----- MISSISSIPPI RIVER/ NEW ORLEANS, LA., TO MOUTH OF PASSES-----		28 65 986			14,462 19,217 1,607 15
TOTAL, SHIPPING AREA-----	65	1,014			35,301
HARRIOR RIVER SYSTEM/ GULF INTRACOASTAL WATERWAY/ APALACHEE BAY, FLA., TO MOBILE BAY, ALA.----- GULF OF MEXICO----- HARRIOR RIVER SYSTEM----- INNERHARBOR NAVIGATION CANAL, LA.----- GULF INTRACOASTAL WATERWAY/ MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.----- SABINE-NECHES WATERWAY, TEXAS----- GALVESTON BAY, TEXAS----- GULF INTRACOASTAL WATERWAY/ CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER----- MISSISSIPPI RIVER/ NEW ORLEANS, LA., TO MOUTH OF PASSES-----		4,325 4,133 4,520 10,674 1,310 2,787	341,554 1,503 1,410	1,503 1,363	2,608 152 181,413 1,414 3,930

DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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

CALENDAR YEAR 1989

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	PIG IRON (CODE 3311)	IRON AND STEEL SCHAP (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.,-----	-----	19,736	-----	-----	-----
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,-----	-----	7,367	-----	-----	-----
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----	-----	-----	1,406	4,277	-----
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----	-----	2,613	-----	-----	-----
ARKANSAS RIVER, ARK.,-----	-----	1,395	2,822	2,642	1,442
OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON-----	-----	-----	1,600	1,006	-----
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH-----	-----	-----	64,475	4,250	-----
ALLEGHENY RIVER, PA.,-----	-----	1,609	-----	-----	-----
PORT OF CHICAGO, ILL.,-----	-----	7,245	8,231	3,019	-----
TOTAL, SHIPPING AREA-----	5,635	63,679	413,921	21,990	167,129
GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.,/	-----	-----	-----	-----	-----
WARRIOR RIVER SYSTEM-----	-----	-----	-----	385	-----
GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.,-----	-----	1,374	-----	2,247	-----
INNERHARBOR NAVIGATION CANAL, LA.,-----	-----	8,339	-----	-----	20
GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.,-----	-----	-----	-----	-----	-----
SABINE-NECHES WATERWAY, TEXAS-----	-----	1	-----	-----	1,485
GALVESTON BAY, TEXAS-----	-----	10,804	-----	-----	-----
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES-----	-----	1,555	-----	2,969	3,744
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,-----	-----	5,078	-----	1,230	-----
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,-----	-----	76,627	-----	-----	-----
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----	-----	9,985	-----	-----	-----
ARKANSAS RIVER, ARK.,-----	-----	1,496	-----	-----	-----
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH-----	-----	1,422	1,400	1,357	-----
CUMBERLAND RIVER, TENN. AND KY.,-----	-----	-----	2,863	-----	-----
ILLINOIS RIVER, ILL.,-----	-----	-----	-----	1,152	-----
PORT OF CHICAGO, ILL.,-----	-----	1,400	-----	-----	-----
TOTAL, SHIPPING AREA-----	1,348	-----	9,582	-----	-----
TOTAL, SHIPPING AREA-----	4,325	113,104	9,845	9,341	5,249
INNERHARBOR NAVIGATION CANAL, LA.,/	-----	-----	-----	-----	-----
SABINE-NECHES WATERWAY, TEXAS-----	-----	13,992	-----	-----	-----
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES-----	-----	1,544	-----	1,270	-----
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.,-----	-----	6,791	-----	-----	-----
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----	-----	22,534	-----	-----	-----
WOLF RIVER, TENN.,-----	-----	1,415	-----	-----	-----
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE-----	-----	-----	-----	214	-----
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH-----	-----	-----	-----	538	-----
MONONGAMELA RIVER, PA. AND W.VA.,-----	-----	2,928	-----	643	-----
ILLINOIS RIVER, ILL.,-----	-----	7,814	-----	-----	-----
PORT OF CHICAGO, ILL.,-----	-----	-----	-----	2,580	-----
TOTAL, SHIPPING AREA-----	-----	-----	-----	5,650	-----
TOTAL, SHIPPING AREA-----	-----	57,018	-----	10,895	-----
GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.,/	-----	-----	-----	-----	-----
GULF OF MEXICO-----	189	90	-----	-----	151,404
GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.,-----	-----	-----	-----	-----	490
INNERHARBOR NAVIGATION CANAL, LA.,-----	-----	7,692	-----	-----	-----
GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.,-----	-----	-----	-----	-----	-----
BAYOU VERMILION, LA.,-----	-----	96	-----	-----	28,603
CALCASIEU RIVER AND PASS, LA.,-----	-----	-----	-----	-----	4,266
SABINE-NECHES WATERWAY, TEXAS-----	-----	-----	-----	-----	100
GALVESTON BAY, TEXAS-----	-----	21,570	-----	-----	150
GULF INTRACOASTAL WATERWAY: COMPTON CHRISTI, TEXAS, TO THE MEXICAN BORDER-----	-----	1,640	-----	-----	-----
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,-----	-----	68,963	-----	-----	-----
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,-----	-----	-----	-----	-----	-----
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH-----	-----	4,259	-----	-----	-----
MONONGAMELA RIVER, PA. AND W.VA.,-----	-----	3,023	-----	-----	-----
ILLINOIS RIVER, ILL.,-----	-----	1,459	-----	-----	-----
PORT OF CHICAGO, ILL.,-----	-----	1,517	-----	-----	-----
TOTAL, SHIPPING AREA-----	-----	1,500	596	1,300	-----
TOTAL, SHIPPING AREA-----	189	111,824	596	1,300	185,213
GULF INTRACOASTAL WATERWAY: PLAQUEMINE TO MORGAN CITY ROUTE, LA.,/	-----	-----	-----	-----	-----
GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.,-----	-----	-----	-----	-----	160
GULF INTRACOASTAL WATERWAY: PLAQUEMINE TO MORGAN CITY ROUTE, LA.,-----	-----	-----	-----	-----	1
SABINE-NECHES WATERWAY, TEXAS-----	-----	4,183	-----	-----	-----
GALVESTON BAY, TEXAS-----	-----	880	-----	-----	-----
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,-----	-----	121,445	-----	-----	-----
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,-----	-----	-----	-----	-----	-----
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----	-----	5,703	-----	-----	-----
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH-----	-----	4,323	-----	-----	-----
ALLEGHENY RIVER, PA.,-----	-----	1,359	-----	-----	-----
ILLINOIS RIVER, ILL.,-----	-----	1,038	-----	-----	-----
TOTAL, SHIPPING AREA-----	-----	18,440	-----	-----	-----
TOTAL, SHIPPING AREA-----	-----	157,371	-----	-----	161

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

CALENDAR YEAR 1989

(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					39
ATCHAFALAYA RIVER, LA.					24
TOTAL, SHIPPING AREA					63
INLAND WATERWAY, FRANKLIN TO MERMENTAU RIVER, LA./ GULF INTRACOASTAL WATERWAY, MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.					53
INLAND WATERWAY, FRANKLIN TO MERMENTAU RIVER, LA.					14
TOTAL, SHIPPING AREA					67
BAYOU VERMILION, LA./ GULF INTRACOASTAL WATERWAY, MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.		1			9,694
INLAND WATERWAY, FRANKLIN TO MERMENTAU RIVER, LA.					8
MISSISSIPPI RIVER, BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		2,475			
MISSISSIPPI RIVER, MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.		1,574			
TOTAL, SHIPPING AREA		4,050			9,702
CALCASIEU RIVER AND PASS, LA./ GULF OF MEXICO					5,228
GULF INTRACOASTAL WATERWAY, MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.					540
TOTAL, SHIPPING AREA					5,768
SABINE-NECHES WATERWAY, TEXAS/ GULF OF MEXICO					960
WARRIOR RIVER SYSTEM			1,340	6,759	
SABINE-NECHES WATERWAY, TEXAS					1
GALVESTON BAY, TEXAS		852			
MISSISSIPPI RIVER, NEW ORLEANS, LA., TO MOUTH OF PASSES			1,632		
MISSISSIPPI RIVER, BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		5,509			
MISSISSIPPI RIVER, MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.		1,548	4,042	22,809	
MISSISSIPPI RIVER, MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER		2,869			
ARKANSAS RIVER, ARK.				2,321	
WOLF RIVER, TENN.			4,088	44,536	
OHIO RIVER, ENGINEER DISTRICT, LOUISVILLE			5,221	46,867	
OHIO RIVER, ENGINEER DISTRICT, PITTSBURGH				21,621	
TENNESSEE RIVER, TENN., ALA. AND KY.		2,596	15,006		
CUMBERLAND RIVER, TENN. AND KY.			2,660	25,162	
MONONGAMELA RIVER, PA. AND N.Y.				1,362	
ILLINOIS RIVER, ILL.				2,702	
PORT OF CHICAGO, ILL.			6,194	44,561	
TOTAL, SHIPPING AREA		13,374	40,203	218,700	961
GULF INTRACOASTAL WATERWAY, SABINE RIVER TO GALVESTON, TEXAS/ SABINE-NECHES WATERWAY, TEXAS					650
MISSISSIPPI RIVER, BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		2,795			
PORT OF CHICAGO, ILL.		1,400			
TOTAL, SHIPPING AREA		4,195			650
GALVESTON BAY, TEXAS/ GULF INTRACOASTAL WATERWAY, APALACHEE BAY, FLA., TO MOBILE BAY, ALA.				1,100	
WARRIOR RIVER SYSTEM					5,561
GULF INTRACOASTAL WATERWAY, MOBILE BAY, ALA., TO NEW ORLEANS, LA.		1,501			
INNERHARBOR NAVIGATION CANAL, LA.		1,400			
GULF INTRACOASTAL WATERWAY, MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.					4,400
SABINE-NECHES WATERWAY, TEXAS		30,784			4,782
GALVESTON BAY, TEXAS					6
GULF INTRACOASTAL WATERWAY, GALVESTON TO CORPUS CHRISTI, TEXAS		3,032			
GULF INTRACOASTAL WATERWAY, CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER					
MISSISSIPPI RIVER, NEW ORLEANS, LA., TO MOUTH OF PASSES		2,766		670	9,267
MISSISSIPPI RIVER, BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		72,100		5,328	
MISSISSIPPI RIVER, MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.		2,827			
MISSISSIPPI RIVER, MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER					1,938
WOLF RIVER, TENN.				680	
OHIO RIVER, ENGINEER DISTRICT, LOUISVILLE		1,353			
OHIO RIVER, ENGINEER DISTRICT, PITTSBURGH				2,853	
TENNESSEE RIVER, TENN., ALA. AND KY.		1,428			
KANAWHA RIVER, W.VA.		1,400			
MONONGAMELA RIVER, PA. AND N.Y.		1,151		515	
ALLEGHENY RIVER, PA.		712			
ILLINOIS RIVER, ILL.				670	
LAKE MICHIGAN		1,200			
PORT OF CHICAGO, ILL.		13,795			
TOTAL, SHIPPING AREA	3,032	132,419		11,816	25,984

DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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

CALENDAR YEAR 1989

(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)
GULF INTRACOASTAL WATERWAY: GALVESTON TO CORPUS CHRISTI, TEXAS/ SABINE-NECHES WATERWAY, TEXAS		20,878			24
GALVESTON BAY, TEXAS					4,311
GULF INTRACOASTAL WATERWAY: GALVESTON TO CORPUS CHRISTI, TEXAS					
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	1,528				
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	8,518				
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH	2,783				
TOTAL, SHIPPING AREA		33,707			4,335
GULF INTRACOASTAL WATERWAY: CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER/ SABINE-NECHES WATERWAY, TEXAS		30,911			
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		10,224			
PORT OF CHICAGO, ILL.			1,400		
TOTAL, SHIPPING AREA		41,135	1,400		
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES/ GULF INTRACOASTAL WATERWAY: APALACHEE BAY, FLA., TO MOBILE BAY, ALA., HARRIS RIVER SYSTEM	8,212		418	28,778	
GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA., GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.			12,521	53,509	5,816
GALVESTON BAY, TEXAS				435	3,614
GULF INTRACOASTAL WATERWAY: CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER		5	1,100	9,126	24,469
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES			29,717	42,353	189,772
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.			3,874	2,782	1,558
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER			14,309	12,383	4,426
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER			5,366	37,704	689
YAZOO RIVER AND MOUTH, MISS.			35,501	37,655	12,307
ARKANSAS RIVER, ARK.			7,960	7,960	3,911
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE			1,172	31,167	526
OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON			16,652	75,224	14,647
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH			14,458	19,406	
TENNESSEE RIVER, TENN., ALA. AND KY.			69,060	151,669	5,470
CUMBERLAND RIVER, TENN. AND KY.	2,934		44,846	4,987	898
MISSOURI RIVER			1,368	5,541	
ILLINOIS RIVER, ILL.			82,451	31,826	
LAKE MICHIGAN			968	704	
PORT OF CHICAGO, ILL.			16,735	14,726	3,420
TOTAL, SHIPPING AREA	11,146	5	506,134	786,005	286,656
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA./ HARRIS RIVER SYSTEM	8,511	1,400	1,261	1,400	
GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.			600		
SABINE-NECHES WATERWAY, TEXAS		8,260			
GALVESTON BAY, TEXAS	22,610	5,041	5,947		
GULF INTRACOASTAL WATERWAY: CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER	42,204				
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES		7,919			
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	16,169	10,126			
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	1,382	10,063	1,193	792	
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	12,929	2,782	2,150	409	
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	26,036				
ARKANSAS RIVER, ARK.	19,485		39,514		
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE	16,169		384	3,602	
OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON	1,416				
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH	95,650	2,654	104,812	1,400	
TENNESSEE RIVER, TENN., ALA. AND KY.	15,109		11,621	14,716	1,400
MONONGAMELA RIVER, PA. AND W.VA.	5,612				
BLACK RIVER, MISS.	7,047				
PORT OF CHICAGO, ILL.	104,112	668		9,000	
TOTAL, SHIPPING AREA	394,501	49,113	167,492	31,319	1,400
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA./ INNERHARBOR NAVIGATION CANAL, LA.			941	1,419	
GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.				796	
SABINE-NECHES WATERWAY, TEXAS		35,531			
GALVESTON BAY, TEXAS		2,800		1,155	
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES			33,110	1,402	
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		58,794	33,369	24,069	
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.		18,171			
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	1,382				
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER		4,017		3,964	
ARKANSAS RIVER, ARK.		6,709			
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE				1,632	
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH			16,594	25,650	
TENNESSEE RIVER, TENN., ALA. AND KY.			5,611	20,539	
MONONGAMELA RIVER, PA. AND W.VA.		1,400			
ILLINOIS RIVER, ILL.		1,287			

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

CALENDAR YEAR 1989

(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)
LAKE MICHIGAN		8,856			
PORT OF CHICAGO, ILL.			3,232	5,847	
TOTAL, SHIPPING AREA	1,382	137,565	92,857	86,473	
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER/ GULF INTRACASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.			2,812		
SABINE-NECHES WATERWAY, TEXAS		5,600			
GALVESTON BAY, TEXAS			55,916	52,292	
GULF INTRACASTAL WATERWAY: CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER			5,223	9,691	
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES	1,249			970	
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		121,114	26,937		
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.		44,591	601		
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER				723	
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER			595	1,780	
ARKANSAS RIVER, ARK.			12,855		
WOLF RIVER, TENN.			1,875	8,255	
TENNESSEE RIVER, TENN., ALA. AND KY.			14,488		
ILLINOIS RIVER, ILL.		5,890	731		
LAKE MICHIGAN		11,735			
PORT OF CHICAGO, ILL.		6,116			
TOTAL, SHIPPING AREA		190,295	122,053	73,801	
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER/ GALVESTON BAY, TEXAS			1,424		
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		5,591			
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.		51,844			
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER		2,721			
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE		1,785			
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH		1,197			
TENNESSEE RIVER, TENN., ALA. AND KY.			11,533		
PORT OF CHICAGO, ILL.		1,563			
TOTAL, SHIPPING AREA		64,701	12,957		
ARKANSAS RIVER, ARK./ GULF INTRACASTAL WATERWAY: PLAQUEMINE TO MORGAN CITY ROULE, LA.		1,347			
SABINE-NECHES WATERWAY, TEXAS		16,680			
GALVESTON BAY, TEXAS		2,254	1,439		
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		32,311	5,515		
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.		14,375			
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER		1,084			
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER		11,174			
ARKANSAS RIVER, ARK.		4,141			
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE		1,268			
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH				13,193	3,514
MONONGAHELA RIVER, PA. AND N.Y.A.		1,404			
ILLINOIS RIVER, ILL.		9,938			
LAKE MICHIGAN		1,374			
TOTAL, SHIPPING AREA		97,350	6,954	13,193	3,514
WOLF RIVER, TENN./ ILLINOIS RIVER, ILL.		1,414			
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE/ INNERHARBOR NAVIGATION CANAL, LA.		5,649			
SABINE-NECHES WATERWAY, TEXAS		139,026			
GULF INTRACASTAL WATERWAY: SABINE RIVER TO GALVESTON, TEXAS		1,701			
GALVESTON BAY, TEXAS		2,866	719	9,493	30,023
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES			4,515	2,494	
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		231,425	1,440	113	
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.		144,876			
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER		30,166			
ARKANSAS RIVER, ARK.		13,589	2,368	5,870	34,517
WOLF RIVER, TENN.				2,674	
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE		5,556			
OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON		69,949		696	
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH		6,869			
CUMBERLAND RIVER, TENN. AND KY.			2,892		
KANAWHA RIVER, N.Y.A.					1,284
ALLEGHENY RIVER, PA.		3,843			
ILLINOIS RIVER, ILL.		18,312			
LAKE MICHIGAN		17,279			
TOTAL, SHIPPING AREA		691,106	11,934	21,340	65,824
OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON/ GULF INTRACASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.	1,104				
SABINE-NECHES WATERWAY, TEXAS		4,203			
GALVESTON BAY, TEXAS			1,433	54,379	393
GULF INTRACASTAL WATERWAY: CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER				5,639	

DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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

CALENDAR YEAR 1989

(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-----			21,412		
MISSISSIPPI RIVER* BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,-----		2,862			
MISSISSIPPI RIVER* MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,-----		1,421			
MISSISSIPPI RIVER* MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----			22,245	4,897	
ARKANSAS RIVER, ARK.,-----			38,076	34,019	
WOLF RIVER, TENN.,-----			1,459	44,578	
OHIO RIVER* ENGINEER DISTRICT, LOUISVILLE-----		5,696		1,950	
OHIO RIVER* ENGINEER DISTRICT, PITTSBURGH-----			1,483		
TENNESSEE RIVER, TENN., ALA. AND KY.,-----				1,050	
CUMBERLAND RIVER, TENN. AND KY.,-----			61,098	2,986	
ALLEGHENY RIVER, PA.,-----	1,519	2,808		1,411	
MISSOURI RIVER-----				10,269	
PORT OF CHICAGO, ILL.,-----	2,681			1,400	
TOTAL, SHIPPING AREA-----	5,304	17,070	147,206	162,458	393
OHIO RIVER* ENGINEER DISTRICT, PITTSBURGH/					
WARRIOR RIVER SYSTEM-----				20,793	
PEARL RIVER, MISS. AND LA.,-----				1,700	
GULF INTRACOASTAL WATERWAY* MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.,-----				383	
SABINE-NECHES WATERWAY, TEXAS-----		6,931			
GALVESTON BAY, TEXAS-----			20,591	75,569	19,167
GULF INTRACOASTAL WATERWAY* GALVESTON TO CORPUS CHRISTI, TEXAS-----			1,600		
GULF INTRACOASTAL WATERWAY* CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER-----			699	13,605	
MISSISSIPPI RIVER* NEW ORLEANS, LA., TO MOUTH OF PASSES-----			740	800	
MISSISSIPPI RIVER* BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,-----		28,932		1,356	
MISSISSIPPI RIVER* MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,-----		13,047	7,222	36,683	
MISSISSIPPI RIVER* MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----			19,533	60,466	
MISSISSIPPI RIVER* MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----			12,941	5,139	
ARKANSAS RIVER, ARK.,-----			10,677	25,373	2,685
WOLF RIVER, TENN.,-----			16,977	22,855	
OHIO RIVER* ENGINEER DISTRICT, LOUISVILLE-----	16,492	4,563	35,396	10,580	822
OHIO RIVER* ENGINEER DISTRICT, HUNTINGTON-----	2,407	4,471		8,322	
OHIO RIVER* ENGINEER DISTRICT, PITTSBURGH-----	3,000		900		
TENNESSEE RIVER, TENN., ALA. AND KY.,-----			144,202	16,903	1,487
CUMBERLAND RIVER, TENN. AND KY.,-----			25,768	69,055	1,999
MONONGAHELLA RIVER, PA. AND W.VA.,-----				500	
ALLEGHENY RIVER, PA.,-----		1,515			
ILLINOIS RIVER, ILL.,-----		9,340			
BLACK RIVER, WIS.,-----	17,920				
LAKE MICHIGAN-----		2,614		1,483	
PORT OF CHICAGO, ILL.,-----	2,945		19,408	81,737	
TOTAL, SHIPPING AREA-----	42,754	66,617	316,850	453,080	26,160
TENNESSEE RIVER, TENN., ALA. AND KY.,/					
GULF INTRACOASTAL WATERWAY* PLAQUEMINE TO MORGAN CITY ROUTE, LA.,-----				10,164	
SABINE-NECHES WATERWAY, TEXAS-----		43,538	1,351		
GULF INTRACOASTAL WATERWAY* SABINE RIVER TO GALVESTON, TEXAS-----		2,795			
GULF INTRACOASTAL WATERWAY* CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER-----		5,671		1,356	
MISSISSIPPI RIVER* NEW ORLEANS, LA., TO MOUTH OF PASSES-----			1,400		
MISSISSIPPI RIVER* BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,-----		10,859	29,297		
MISSISSIPPI RIVER* MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,-----		19,028	2,926		
MISSISSIPPI RIVER* MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----			1,513		
MISSISSIPPI RIVER* MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----		11,182	1,424		6,647
ARKANSAS RIVER, ARK.,-----		2,829			
OHIO RIVER* ENGINEER DISTRICT, LOUISVILLE-----				2,425	
OHIO RIVER* ENGINEER DISTRICT, HUNTINGTON-----		5,801			
OHIO RIVER* ENGINEER DISTRICT, PITTSBURGH-----		1,517	5,407	1,600	
ALLEGHENY RIVER, PA.,-----		1,321			
MISSOURI RIVER-----		11,843			
ILLINOIS RIVER, ILL.,-----				100	
MINNESOTA RIVER, MINN.,-----					9,874
LAKE MICHIGAN-----		4,153			
PORT OF CHICAGO, ILL.,-----					4,562
TOTAL, SHIPPING AREA-----		120,537	45,318	15,645	21,083
CUMBERLAND RIVER, TENN. AND KY.,/					
SABINE-NECHES WATERWAY, TEXAS-----		27,689			
GALVESTON BAY, TEXAS-----				1,021	
MISSISSIPPI RIVER* BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,-----		55,009		1,547	
MISSISSIPPI RIVER* MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,-----		22,013			
MISSISSIPPI RIVER* MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----		22,649	1,342		
ARKANSAS RIVER, ARK.,-----		35,950			
OHIO RIVER* ENGINEER DISTRICT, HUNTINGTON-----		1,463			
OHIO RIVER* ENGINEER DISTRICT, PITTSBURGH-----		3,010			
CUMBERLAND RIVER, TENN. AND KY.,-----			1,768	259	
ALLEGHENY RIVER, PA.,-----		1,406			
ILLINOIS RIVER, ILL.,-----		57,364			
TOTAL, SHIPPING AREA-----		186,633	3,110	2,827	

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

CALENDAR YEAR 1989

(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 3319, 3316, 3319)	IRON AND STEEL PIPE AND TUBE (CODE 3317)
KANAWHA RIVER, W.VA./					
SABINE-NECHES WATERWAY, TEXAS		5,795			
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS,					
LA.,		4,083			
ARKANSAS RIVER, ARK.		1,252			
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH		5,844			
TOTAL, SHIPPING AREA		16,974			
MONONGAMELA RIVER, PA. AND W.VA./					
SABINE-NECHES WATERWAY, TEXAS		3,051			
GALVESTON BAY, TEXAS			1,400	34,747	
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS,					
LA.,		26,637		6,375	
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE,					
LA.,		7,309	1,245		
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER		3,030			
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE			86,016	4,674	
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON		5,993			
TENNESSEE RIVER, TENN., ALA. AND KY.			7,027		
ALLEGHENY RIVER, PA.		1,529			
PORT OF CHICAGO, ILL.				1,400	
TOTAL, SHIPPING AREA		47,549	95,688	47,196	
ALLEGHENY RIVER, PA./					
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS,					
LA.,		7,690			
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER		1,439			
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON		4,210	1,421		
ALLEGHENY RIVER, PA.		59,641			
LAKE MICHIGAN		2,808			
TOTAL, SHIPPING AREA		75,788	1,421		
ILLINOIS RIVER, ILL./					
GULF INTRACASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER,					
TEX.				2,147	
SABINE-NECHES WATERWAY, TEXAS		10,408			
GALVESTON BAY, TEXAS			2,827	16,390	
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS,					
LA.,		31,342			
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE,					
LA.,				9,959	2,714
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER		1,493			
ARKANSAS RIVER, ARK.				6,269	1,352
WOLF RIVER, TENN.			1,373	10,690	
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE				8,070	
CUMBERLAND RIVER, TENN. AND KY.				10,067	1,399
MONONGAMELA RIVER, PA. AND W.VA.			1,350	1,360	
ILLINOIS RIVER, ILL.		23,138			
LAKE MICHIGAN		7,180			
PORT OF CHICAGO, ILL.		2,800	395		
TOTAL, SHIPPING AREA		76,361	5,945	66,952	5,465
BLACK RIVER, WIS./					
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE,					
LA.,		1,217			
LAKE MICHIGAN/					
GULF INTRACASTAL WATERWAY' APALACHEE BAY, FLA., TO MOBILE BAY, ALA.				18,001	
HARRIS RIVER SYSTEM			9,343	11,759	
GULF INTRACASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.			6,400	12,845	
INNERHARBOR NAVIGATION CANAL, LA.			1,067	800	
GULF INTRACASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER,					
TEX.		1,400	3,372	32,202	
SABINE-NECHES WATERWAY, TEXAS		43,074			
GALVESTON BAY, TEXAS		1,100	20,916	22,948	
GULF INTRACASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER		1,194	1,316	1,220	
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASS		11,933	1,400	13,618	
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS,					
LA.,		59,684	2,905	10,207	
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE,					
LA.,		17,059	17,322	9,423	822
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER		2,703		1,219	
YAZOO RIVER AND MOUTH, MISS.			1,142		
ARKANSAS RIVER, ARK.		3,964	12,512	19,690	
WOLF RIVER, TENN.		1,339	10,999	18,900	
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE				17,161	
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON		16,036	1,400		
TENNESSEE RIVER, TENN., ALA. AND KY.			4,841	6,801	
CUMBERLAND RIVER, TENN. AND KY.			24,616	30,198	
ALLEGHENY RIVER, PA.		2,989			
ILLINOIS RIVER, ILL.		62,515		5,204	
TOTAL, SHIPPING AREA		207,792	130,551	231,716	822
PORT OF CHICAGO, ILL./					
HARRIS RIVER SYSTEM		171			

DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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

CALENDAR YEAR 1989

(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)
GULF INTRACOASTAL WATERWAY, MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.			1,024	4,727	
RED RIVER BELOW FULTON, ARK.				864	
SABINE-NECHES WATERWAY, TEXAS		34,721			
GALVESTON BAY, TEXAS		5,516	7,025	5,099	
GULF INTRACOASTAL WATERWAY, CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER		10,354			
MISSISSIPPI RIVER, NEW ORLEANS, LA., TO MOUTH OF PASSES		3,657	1,250	5,055	
MISSISSIPPI RIVER, BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		129,133	14,247		
MISSISSIPPI RIVER, MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.		86,289		6,658	
MISSISSIPPI RIVER, MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER			1,561	1,400	
MISSISSIPPI RIVER, MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER		24,885	2,081		
ARKANSAS RIVER, ARK.		1,463			
OHIO RIVER, TENN.				6,250	
OHIO RIVER, ENGINEER DISTRICT, HUNTINGTON		3,018			
OHIO RIVER, ENGINEER DISTRICT, PITTSBURGH		4,767			
TENNESSEE RIVER, TENN., ALA. AND KY.				2,800	
CUMBERLAND RIVER, TENN. AND KY.			18,510		
MISSOURI RIVER				2,184	
ILLINOIS RIVER, ILL.		17,353	3,325	5,990	
PORT OF CHICAGO, ILL.		1,600			
TOTAL, SHIPPING AREA		322,927	49,023	39,027	
PUGET SOUND AND TRIBUTARY WATERS/ PUGET SOUND AND TRIBUTARY WATERS		300			200
LOWER & UPPER SOUTHEAST ALASKA/ LOWER & UPPER SOUTHEAST ALASKA		731			49
PRINCE WILLIAM & COOK INLET, ALASKA AREA/ PRINCE WILLIAM & COOK INLET, ALASKA AREA				374	447

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

CALENDAR YEAR 1989

(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)
TOTAL, ALL SHIPPING AREAS-----	1,541,834	5,485,378	1,906,446	5,026,995	4,465,091	20,719,485	11,780,509
THAMES RIVER, CONN./ THAMES RIVER, CONN.-----			24,212				
PORT OF NEW YORK, N.Y. AND N.J./ PORT OF NEW YORK, N.Y. AND N.J.-----	4,269	10,937		1,789	7,732	53,658	
DELAWARE RIVER/ NEW JERSEY SIDE/ DELAWARE RIVER/ NEW JERSEY SIDE-----			6,200			1,686	
DELAWARE RIVER/ PENNSYLVANIA AND DELAWARE SIDE-----			975			38,199	
BALTIMORE HARBOR AND CHANNELS, MD.-----			36,000		15,397	1,700	
HAMPTON ROADS, VA.-----			7,200				
TOTAL, SHIPPING AREA-----			50,375		15,397	41,585	
DELAWARE RIVER/ PENNSYLVANIA AND DELAWARE SIDE/ DELAWARE RIVER/ NEW JERSEY SIDE-----			32,743		18,851	500	
DELAWARE RIVER/ PENNSYLVANIA AND DELAWARE SIDE-----						286,813	
CHRISTINA RIVER, DEL.-----		3,259					
BALTIMORE HARBOR AND CHANNELS, MD.-----	16		66,280	18	5,600	224	
JAMES RIVER, VA.-----			7,085			241,572	
HAMPTON ROADS, VA.-----			1,800		2,381		
SAVANNAH RIVER, GA.-----			13,640				
TOTAL, SHIPPING AREA-----	16	3,259	121,548	18	26,832	529,109	
CHRISTINA RIVER, DEL./ DELAWARE RIVER/ PENNSYLVANIA AND DELAWARE SIDE-----			6,675				
SCHUYLKILL RIVER, PA./ DELAWARE RIVER/ PENNSYLVANIA AND DELAWARE SIDE-----			3,451			223,436	
BALTIMORE HARBOR AND CHANNELS, MD./ DELAWARE RIVER/ PENNSYLVANIA AND DELAWARE SIDE-----						15	
MISPELLION RIVER, DEL.-----							7,001
NANTICOKE RIVER, DEL. AND MD.-----							7,533
BALTIMORE HARBOR AND CHANNELS, MD.-----			190,433				2,988
HAMPTON ROADS, VA.-----							
TOTAL, SHIPPING AREA-----			190,433			15	17,522
JAMES RIVER, VA./ NANTICOKE RIVER, DEL. AND MD.-----							12,344
BALTIMORE HARBOR AND CHANNELS, MD.-----							6,150
HAMPTON ROADS, VA.-----							330,955
INTRACOASTAL WATERWAY, CALOOSAHATCHEE RIVER TO ANCLOTE RIVER, FLA.-----							9,500
TOTAL, SHIPPING AREA-----							358,949
HAMPTON ROADS, VA./ DELAWARE RIVER/ PENNSYLVANIA AND DELAWARE SIDE-----							12,177
MISPELLION RIVER, DEL.-----							15,637
CHESAPEAKE BAY-----							1,211
NANTICOKE RIVER, DEL. AND MD.-----							12,930
BALTIMORE HARBOR AND CHANNELS, MD.-----							4,329
YORK RIVER, VA.-----							2,402
JAMES RIVER, VA.-----							2,199
HAMPTON ROADS, VA.-----							5,314
NEUSE RIVER, N.C.-----							16,279
TOTAL, SHIPPING AREA-----							72,478
ROANOKE RIVER, N.C./ SAVANNAH RIVER, GA.-----							5,200
PAMLICO AND TAR RIVERS, N.C./ NANTICOKE RIVER, DEL. AND MD.-----							8,716
BALTIMORE HARBOR AND CHANNELS, MD.-----							2,926
ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, WILMINGTON-----						429,600	1,740,700
TOTAL, SHIPPING AREA-----						429,600	1,760,342
CAPE FEAR RIVER, N.C./ ROANOKE RIVER, N.C.-----							11,185
NEUSE RIVER, N.C.-----							7,772
CAPE FEAR RIVER, N.C.-----					100		47,959
NORTHEAST (CAPE FEAR) RIVER, N.C.-----				42,051		229,714	
TOTAL, SHIPPING AREA-----				42,051	100	229,714	66,916
SAVANNAH RIVER, GA./ DELAWARE RIVER/ PENNSYLVANIA AND DELAWARE SIDE-----						16,350	1,222
BALTIMORE HARBOR AND CHANNELS, MD.-----							2,000
HAMPTON ROADS, VA.-----							4,954
ROANOKE RIVER, N.C.-----							17,919
NEUSE RIVER, N.C.-----							19,442
CAPE FEAR RIVER, N.C.-----							3,700

DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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TABLE 6--DOMESTIC INLAND MOVEMENTS OF CHEMICALS AND RELATED PRODUCTS--CONTINUED
SHIPPING AREA BY RECEIVING AREACALENDAR YEAR 1989
(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)
SAVANNAH RIVER, GA.					66,428		
TOTAL, SHIPPING AREA					66,428	16,350	49,645
ATLANTIC INTRACOASTAL WATERWAY: ENGINEER DISTRICT, SAVANNAH /							
ST. JOHNS RIVER, FLA.					1,400		
ST. JOHNS RIVER, FLA. /							
ATLANTIC INTRACOASTAL WATERWAY: ENGINEER DISTRICT, SAVANNAH					56,102		
INTRACOASTAL WATERWAY, CALOOSAHATCHEE RIVER TO ANCLOTE RIVER, FLA. /							
BALTIMORE HARBOR AND CHANNELS, MD.							5,403
APALACHICOLA, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA. /							
NOLF RIVER, TENN.							2,989
GULF OF MEXICO /							
GULF OF MEXICO			6			16,283	
GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.						1,118	
CALCASIEU RIVER AND PASS, LA.						500	
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES			9			55	
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.				1,373		1,408	
TOTAL, SHIPPING AREA			15	1,373		19,224	
WARRIOR RIVER SYSTEM /							
GULF INTRACOASTAL WATERWAY: APALACHEE BAY, FLA., TO MOBILE BAY, ALA.					12,600	1,322	
APALACHICOLA, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA.							2,512
WARRIOR RIVER SYSTEM					38,820	2,850	
GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.						1,899	
MERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.							1,437
CALCASIEU RIVER AND PASS, LA.					8,700		
GALVESTON BAY, TEXAS						42,413	
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES						2,220	
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.					29,231	43,596	1,452
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER						350	
ARKANSAS RIVER, ARK.					690	3,421	
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE						1,398	4,395
TENNESSEE RIVER, TENN., ALA. AND KY.					7,100	36,219	
CUMBERLAND RIVER, TENN. AND KY.						1,487	1,512
KANAWHA RIVER, W.VA.					4,800	422	
MISSOURI RIVER						1,163	
ILLINOIS RIVER, ILL.							1,660
PORT OF CHICAGO, ILL.						1,389	
TOTAL, SHIPPING AREA					101,941	140,149	12,966
GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA. /							
APALACHICOLA, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA.						13,929	7,975
WARRIOR RIVER SYSTEM							2,850
GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.						19,997	
GULF INTRACOASTAL WATERWAY: PLAQUEMINE TO MORGAN CITY ROUTE, LA.							4,481
MERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.							5,999
SABINE-NECHES WATERWAY, TEXAS		6,280				3,000	
GALVESTON BAY, TEXAS		12,342				35,570	20,075
GULF INTRACOASTAL WATERWAY: GALVESTON TO CORPUS CHRISTI, TEXAS						11,376	
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES						1,248	5,801
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		1,720	119,920				44,713
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.						13,930	26,059
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER						9,575	25,976
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER						6,578	80,808
YAZOO RIVER AND MOUTH, MISS.							2,549
ARKANSAS RIVER, ARK.							48,134
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE						24,929	33,726
OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON						1,485	

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

CALENDAR YEAR 1989

(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)
OHIO RIVER ENGINEER DISTRICT, PITTSBURGH-----							14,893
TENNESSEE RIVER, TENN., ALA. AND KY.-----						968	1,271
CUMBERLAND RIVER, TENN. AND KY.-----	2,792					44,768	
MISSOURI RIVER-----							13,248
ILLINOIS RIVER, ILL.-----						12,800	39,825
MINNESOTA RIVER, MINN.-----							11,798
LAKE MICHIGAN-----							2,972
PORT OF CHICAGO, ILL.-----					1,361		
TOTAL, SHIPPING AREA-----	2,792	20,342	119,920		1,361	200,161	402,243
WATERWAY FROM EMPIRE, LA., TO GULF OF MEXICO/ GULF OF MEXICO-----						19	
GULF INTRACOASTAL WATERWAY MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX./							
GULF OF MEXICO-----				26		79,210	
GULF INTRACOASTAL WATERWAY MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.-----						1,643	
GULF INTRACOASTAL WATERWAY PLAQUEMINE TO MORGAN CITY ROUTE, LA.-----						209	
ATCHAFALAYA RIVER, LA.-----						150	
BAYOU VERMILION, LA.-----						194	
CALCASIEU RIVER AND PASS, LA.-----						2,800	
MISSISSIPPI RIVER MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.-----							1,610
MISSISSIPPI RIVER MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----							4,516
ILLINOIS RIVER, ILL.-----							1,675
TOTAL, SHIPPING AREA-----				26		84,206	7,601
GULF INTRACOASTAL WATERWAY PLAQUEMINE TO MORGAN CITY ROUTE, LA./							
GULF INTRACOASTAL WATERWAY GALVESTON TO CORPUS CHRISTI, TEXAS-----						97,970	
ATCHAFALAYA RIVER, LA./							
GULF INTRACOASTAL WATERWAY MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.-----						69	
MISSISSIPPI RIVER MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.-----						1,965	
ILLINOIS RIVER, ILL.-----						2,000	
TOTAL, SHIPPING AREA-----						4,054	
OUCHITA AND BLACK RIVERS, ARK. AND LA./							
GULF INTRACOASTAL WATERWAY MOBILE BAY, ALA., TO NEW ORLEANS, LA.-----						7,500	
GALVESTON BAY, TEXAS-----						5,000	
GULF INTRACOASTAL WATERWAY GALVESTON TO CORPUS CHRISTI, TEXAS-----						12,500	
MISSISSIPPI RIVER BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----						25,701	
MISSISSIPPI RIVER MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----						10,000	
MISSISSIPPI RIVER MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----						10,000	
TOTAL, SHIPPING AREA-----						70,701	
BAYOU VERMILION, LA./							
GULF INTRACOASTAL WATERWAY MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.-----						181	
VERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA./							
WARRIOR RIVER SYSTEM-----				1,306			
MISSISSIPPI RIVER NEW ORLEANS, LA., TO MOUTH OF PASSES-----				7,045			
MISSISSIPPI RIVER MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.-----				1,384			
MISSISSIPPI RIVER MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----				2,710			
TOTAL, SHIPPING AREA-----				12,445			
CALCASIEU RIVER AND PASS, LA./							
APALACHICOLA, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA.-----							2,803
GULF OF MEXICO-----						100	
WARRIOR RIVER SYSTEM-----					18,445	14,230	
GULF INTRACOASTAL WATERWAY MOBILE BAY, ALA., TO NEW ORLEANS, LA.-----			1,382				3,161
OUCHITA AND BLACK RIVERS, ARK. AND LA.-----					36,815	1,764	
VERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.-----							1,481
CALCASIEU RIVER AND PASS, LA.-----				2,926	49,878	6,126	
SABINE-NECHES WATERWAY, TEXAS-----				2,800	15,254	4,683	
GALVESTON BAY, TEXAS-----		1,400	14,939	1,307	249,838	205,005	4,373

DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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TABLE 6--DOMESTIC INLAND MOVEMENTS OF CHEMICALS AND RELATED PRODUCTS--CONTINUED
SHIPPING AREA BY RECEIVING AREACALENDAR YEAR 1989
(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)
GULF INTRACOASTAL WATERWAY: GALVESTON TO CORPUS CHRISTI, TEXAS	1,400				93,626	114,944	1,351
GULF INTRACOASTAL WATERWAY: CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER	1,400				28,370	18,103	
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.			13,659		73,307	20,551	24,614
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.					13,491		6,054
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER					73,372		1,378
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER					15,786	5,000	
ARKANSAS RIVER, ARK.							10,534
WOLF RIVER, TENN.				1,400	21,592	5,000	1,440
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE				3,259	55,575		11,499
OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON				3,343			
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH				11,200			
TENNESSEE RIVER, TENN., ALA. AND KY.					7,665	58,923	
KANAWHA RIVER, W.VA.				9,885	600	2,440	
MISSOURI RIVER					7,996		
ILLINOIS RIVER, ILL.							4,474
PORT OF CHICAGO, ILL.					89,040	35,370	
TOTAL, SHIPPING AREA	2,800	1,400	29,980	36,120	850,650	492,239	74,856
SABINE-NECHES WATERWAY, TEXAS/ GULF INTRACOASTAL WATERWAY: APALACHEE BAY, FLA., TO MOBILE BAY, ALA.	454	992		12,364		1,418	
ESCAMBIA AND CONECH RIVERS, FLA. AND ALA.						72,536	
WARRIOR RIVER SYSTEM				2,930		1,360	
GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.	29,025	14,024					
ATCHAFALAYA RIVER, LA.						3,141	
CALCASIEU RIVER AND PASS, LA.			4,400	18,491		9,437	
SABINE-NECHES WATERWAY, TEXAS	39,873	182,875		10,255		116,004	
GULF INTRACOASTAL WATERWAY: SABINE RIVER TO GALVESTON, TEXAS		1,652				1,400	
GALVESTON BAY, TEXAS	60,316	394,271	24,162	299,545		194,023	
GULF INTRACOASTAL WATERWAY: GALVESTON TO CORPUS CHRISTI, TEXAS		60,287	15,400	5,688	37,570	256,178	
GULF INTRACOASTAL WATERWAY: CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER	5,452	14,992		10,147		9,349	
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASS	5,780					8,625	
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		143,161	2,340	13,916		3,094	
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.				8,380			
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER		5,600		5,564			
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER		38,313		2,743			
ARKANSAS RIVER, ARK.				6,911			
WOLF RIVER, TENN.	1,429			5,587			
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE				38,228		3,113	1,400
OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON				56,753		115,102	
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH				2,800			
CUMBERLAND RIVER, TENN. AND KY.				3,756			
KANAWHA RIVER, W.VA.				133,317			
ALLEGHENY RIVER, PA.				29,973			
PORT OF CHICAGO, ILL.	5,328			24,489			
TOTAL, SHIPPING AREA	147,657	856,167	46,302	691,837	37,570	794,780	1,400
GULF INTRACOASTAL WATERWAY: SABINE RIVER TO GALVESTON, TEXAS		1,652					
GALVESTON BAY, TEXAS	3,011					2,724	
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.				1,400			
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	1,814						
OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON						1,400	
ILLINOIS RIVER, ILL.	7,000					1,400	
TOTAL, SHIPPING AREA	11,825	1,652		1,400		5,524	
GALVESTON BAY, TEXAS/ GULF INTRACOASTAL WATERWAY: APALACHEE BAY, FLA., TO MOBILE BAY, ALA.		2,449		4,301		983	
APALACHEE, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA.						7,775	
WARRIOR RIVER SYSTEM				1,493	7,650		
GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.	1,524	82,059				1,552	4,906
GULF INTRACOASTAL WATERWAY: FLAQUEMINE TO MORGAN CITY ROUTE, LA.							9,088
MERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.							5,371
CALCASIEU RIVER AND PASS, LA.		2,756	16,213	7,171	63,328	74,932	

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

CALENDAR YEAR 1989

(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)
SABINE-NECHES WATERWAY, TEXAS-----		309,558	1,600	32,652	4,216	300,360	-----
GALVESTON BAY, TEXAS-----	214,378	978,991	219,757	955,298	69,372	1,407,600	1,488
GULF INTRACOASTAL WATERWAY GALVESTON TO CORPUS CHRISTI, TEXAS-----	4,200	222,371	510,150	59,432	45,910	555,988	10,000
GULF INTRACOASTAL WATERWAY CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER-----	10,174	75,244	-----	290,095	5,638	53,193	-----
MISSISSIPPI RIVER NEW ORLEANS, LA., TO MOUTH OF PASSES-----	-----	8,804	-----	5,768	1,400	9,507	-----
MISSISSIPPI RIVER BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----	4,700	112,020	63,332	66,546	16,455	584,110	6,220
MISSISSIPPI RIVER MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.-----	-----	-----	-----	5,463	-----	7,407	13,145
MISSISSIPPI RIVER MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----	2,414	2,569	-----	8,096	-----	-----	1,491
MISSISSIPPI RIVER MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----	14,022	39,662	-----	-----	-----	39,081	2,975
YAZOO RIVER AND MOUTH, MISS.-----	-----	-----	-----	-----	-----	-----	4,385
ARKANSAS RIVER, ARK.-----	-----	5,405	-----	5,308	8,031	-----	11,887
WHITE RIVER, ARK.-----	-----	-----	-----	-----	-----	-----	2,734
HOLF RIVER, TENN.-----	-----	-----	-----	2,800	1,414	16,648	4,660
OHIO RIVER ENGINEER DISTRICT, LOUISVILLE-----	-----	9,715	-----	25,650	-----	398,983	65,939
OHIO RIVER ENGINEER DISTRICT, HUNTINGTON-----	-----	-----	-----	-----	-----	151,269	2,991
OHIO RIVER ENGINEER DISTRICT, PITTSBURGH-----	-----	5,612	-----	45,147	-----	283,276	-----
TENNESSEE RIVER, TENN., ALA. AND KY.-----	58,455	-----	-----	-----	1,442	220,871	7,474
CUMBERLAND RIVER, TENN. AND KY.-----	-----	-----	-----	-----	-----	120,516	-----
BIG SANDY RIVER, KY. AND N.VA.-----	1,630	-----	-----	-----	-----	-----	-----
KANAWHA RIVER, N.VA.-----	-----	-----	-----	165,981	-----	215,293	-----
MONONGAHELA RIVER, PA. AND N.VA.-----	-----	-----	-----	-----	-----	30,168	-----
ALLEGHENY RIVER, PA.-----	-----	-----	-----	19,462	-----	6,786	1,590
MISSOURI RIVER-----	-----	-----	-----	3,865	-----	1,307	-----
ILLINOIS RIVER, ILL.-----	38,042	-----	-----	2,438	-----	327,053	12,874
MINNESOTA RIVER, MINN.-----	-----	-----	-----	-----	-----	-----	2,842
LAKE MICHIGAN-----	-----	-----	-----	-----	-----	24,398	-----
PORT OF CHICAGO, ILL.-----	1,272	7,200	-----	64,515	-----	118,341	-----
TOTAL, SHIPPING AREA-----	350,811	1,864,415	811,052	1,791,481	225,056	4,957,397	172,060
GULF INTRACOASTAL WATERWAY GALVESTON TO CORPUS CHRISTI, TEXAS-----	-----	-----	-----	-----	-----	-----	-----
ESCAMBIA AND CONECH RIVERS, FLA. AND ALA.-----	-----	-----	-----	-----	-----	69,489	-----
HARRIOR RIVER SYSTEM-----	-----	-----	-----	-----	-----	20,403	-----
GULF INTRACOASTAL WATERWAY MOBILE BAY, ALA., TO NEW ORLEANS, LA.-----	-----	-----	-----	-----	-----	4,573	-----
PEARL RIVER, MISS. AND LA.-----	-----	-----	-----	-----	-----	14,930	-----
CALCASIEU RIVER AND PASS, LA.-----	-----	-----	-----	-----	24,000	-----	-----
SABINE-NECHES WATERWAY, TEXAS-----	-----	1,288	-----	-----	42,827	138,880	-----
GALVESTON BAY, TEXAS-----	50,301	152,866	1,510	89,806	26,296	966,374	-----
GULF INTRACOASTAL WATERWAY GALVESTON TO CORPUS CHRISTI, TEXAS-----	35,346	27,202	-----	-----	91,188	342,900	-----
GULF INTRACOASTAL WATERWAY CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER-----	-----	36,059	-----	-----	359,080	17,465	1,500
MISSISSIPPI RIVER NEW ORLEANS, LA., TO MOUTH OF PASSES-----	-----	-----	-----	-----	-----	686	-----
MISSISSIPPI RIVER BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----	-----	256,139	-----	4,105	74,748	385,708	-----
MISSISSIPPI RIVER MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.-----	-----	-----	-----	-----	-----	77,233	-----
OHIO RIVER ENGINEER DISTRICT, LOUISVILLE-----	-----	-----	-----	-----	-----	652,395	-----
OHIO RIVER ENGINEER DISTRICT, HUNTINGTON-----	-----	-----	-----	-----	-----	51,888	-----
TENNESSEE RIVER, TENN., ALA. AND KY.-----	-----	-----	-----	-----	-----	272,721	-----
CUMBERLAND RIVER, TENN. AND KY.-----	-----	-----	-----	-----	-----	2,170	-----
KANAWHA RIVER, N.VA.-----	-----	-----	-----	-----	-----	8,257	-----
ILLINOIS RIVER, ILL.-----	-----	1,458	-----	-----	-----	114,476	-----
PORT OF CHICAGO, ILL.-----	-----	-----	-----	-----	-----	1,999	-----
TOTAL, SHIPPING AREA-----	85,647	474,632	1,510	93,911	618,139	3,192,327	1,500
GULF INTRACOASTAL WATERWAY CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER-----	-----	-----	-----	-----	-----	-----	-----
ESCAMBIA AND CONECH RIVERS, FLA. AND ALA.-----	-----	-----	-----	-----	-----	34,668	-----
HARRIOR RIVER SYSTEM-----	-----	-----	-----	-----	2,985	-----	-----
CALCASIEU RIVER AND PASS, LA.-----	-----	-----	-----	-----	-----	1,160	-----
SABINE-NECHES WATERWAY, TEXAS-----	-----	33,293	-----	-----	3,972	6,231	-----
GALVESTON BAY, TEXAS-----	42,324	444,055	-----	170,840	13,904	153,428	-----
GULF INTRACOASTAL WATERWAY GALVESTON TO CORPUS CHRISTI, TEXAS-----	-----	118,982	-----	-----	14,876	137,078	-----
GULF INTRACOASTAL WATERWAY CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER-----	46,497	193,386	-----	27,321	-----	1,236	2,704
MISSISSIPPI RIVER NEW ORLEANS, LA., TO MOUTH OF PASSES-----	7,589	1,400	-----	-----	-----	4,212	-----
MISSISSIPPI RIVER BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----	-----	14,109	-----	-----	-----	112,400	-----
MISSISSIPPI RIVER MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.-----	-----	-----	-----	-----	-----	129,280	-----
MISSISSIPPI RIVER MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----	-----	1,125	-----	-----	-----	2,965	-----
MISSISSIPPI RIVER MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----	27,087	-----	-----	-----	-----	1,400	-----
ARKANSAS RIVER, ARK.-----	-----	-----	-----	-----	-----	10,136	-----
OHIO RIVER ENGINEER DISTRICT, LOUISVILLE-----	-----	1,348	-----	-----	1,482	292,640	-----

DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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

CALENDAR YEAR 1989

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	COAL TAR (CODE 2811)	BENZENE AND TOLUENE (CODE 2817)	SULPHURIC ACID (CODE 2816)	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: NEW ORLEANS, LA., TO MOUTH OF PASSES-----							35,566
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----	2,749				2,655		
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.-----						12,314	26,277
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----					23,923	3,616	14,470
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----					3,950	6,982	
YAZOO RIVER AND MOUTH, MISS.-----							2,975
ARKANSAS RIVER, ARK.-----					2,606		
WHITE RIVER, ARK.-----					7,199		1,435
WOLF RIVER, TENN.-----					13,652	5,498	34,849
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE-----							4,423
OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON-----							1,614
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH-----					22,865		17,780
TENNESSEE RIVER, TENN., ALA. AND KY.-----							3,199
CUMBERLAND RIVER, TENN. AND KY.-----					7,904		
KANAWHA RIVER, W.VA.-----					3,890		1,407
MONONGAMELA RIVER, PA. AND W.VA.-----					2,365		
ALLEGHENY RIVER, PA.-----					42,242	20,861	
MISSOURI RIVER-----							
PORT OF CHICAGO, ILL.-----							
TOTAL, SHIPPING AREA-----	15,375				137,456	55,675	145,991
CUMBERLAND RIVER, TENN. AND KY. / GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.-----						8,340	
GALVESTON BAY, TEXAS-----				1,634			
KANAWHA RIVER, W.VA.-----				7,597			
TOTAL, SHIPPING AREA-----				9,231		8,340	
BIG SANDY RIVER, KY. AND W.VA. / GALVESTON BAY, TEXAS-----		14,030					
GULF INTRACOASTAL WATERWAY: GALVESTON TO CORPUS CHRISTI, TEXAS-----		2,811					
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----		4,298					
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----	3,403						
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE-----	8,897	12,709					
OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON-----						158,853	
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH-----	13,246	8,972					
PORT OF CHICAGO, ILL.-----	10,361						
TOTAL, SHIPPING AREA-----	35,897	42,620				158,853	
KANAWHA RIVER, W.VA. / HARRIS RIVER SYSTEM-----						20,105	
GALVESTON BAY, TEXAS-----				1,718		43,897	
GULF INTRACOASTAL WATERWAY: GALVESTON TO CORPUS CHRISTI, TEXAS-----						325	
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----						5,451	
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE-----						6,882	
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH-----						5,439	
KANAWHA RIVER, W.VA.-----						7,074	
PORT OF CHICAGO, ILL.-----						19,190	
TOTAL, SHIPPING AREA-----				1,718		108,363	
MONONGAMELA RIVER, PA. AND W.VA. / MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----	1,400						16,291
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----	9,748						
WOLF RIVER, TENN.-----	5,507						
OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON-----	4,200					2,788	
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH-----	94,577						
TENNESSEE RIVER, TENN., ALA. AND KY.-----	2,209						
MONONGAMELA RIVER, PA. AND W.VA.-----	1,372						
TOTAL, SHIPPING AREA-----	119,113					2,788	16,291
MISSOURI RIVER / MISSOURI RIVER-----							50,242
ILLINOIS RIVER, ILL. / GULF INTRACOASTAL WATERWAY: APALACHEE BAY, FLA., TO MOBILE BAY, ALA.-----				16,552			
GULF OF MEXICO-----				1,400			
HARRIS RIVER SYSTEM-----				12,288			
MENTA RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.-----				10,792			
GALVESTON BAY, TEXAS-----				82,968			

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

CALENDAR YEAR 1989

(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)
OHIO RIVER ENGINEER DISTRICT, HUNTINGTON						118,478	
OHIO RIVER ENGINEER DISTRICT, PITTSBURGH		2,862				5,639	
TENNESSEE RIVER, TENN., ALA. AND KY.	11,998						
GREEN AND BARREN RIVERS, KY.						12,468	
ILLINOIS RIVER, ILL.						30,764	
PORT OF CHICAGO, ILL.		2,790				2,884	
TOTAL, SHIPPING AREA	135,495	813,350		198,161	57,219	1,057,081	2,704
MISSISSIPPI RIVER NEW ORLEANS, LA., TO MOUTH OF PASSES/ GULF INTRACOASTAL WATERWAY APALACHEE BAY, FLA., TO MOBILE BAY, ALA.	1,534					1,105	1,500
GULF OF MEXICO						1,751	
GULF INTRACOASTAL WATERWAY MOBILE BAY, ALA., TO NEW ORLEANS, LA.	21,092	27,858					4,224
GULF INTRACOASTAL WATERWAY MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.						551	
GULF INTRACOASTAL WATERWAY PLAQUEMINE TO MORGAN CITY ROUTE, LA.							1,651
ATCHAFALAYA RIVER, LA.		4,093					
MERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.							
GALVESTON BAY, TEXAS	84,965	29,286		7,171		39,674	11,912
GULF INTRACOASTAL WATERWAY GALVESTON TO CORPUS CHRISTI, TEXAS		1,464					1,600
GULF INTRACOASTAL WATERWAY CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER				5,648		1,839	
MISSISSIPPI RIVER NEW ORLEANS, LA., TO MOUTH OF PASSES	3,372			83			4,542
MISSISSIPPI RIVER BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	2,656	238,182		2,368	5,596	39,365	19,212
MISSISSIPPI RIVER MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.				12,246		6,719	24,549
MISSISSIPPI RIVER MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER						1,640	48,801
MISSISSIPPI RIVER MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER				1,319			307,377
YAZOO RIVER AND MOUTH, MISS.							9,263
ARKANSAS RIVER, ARK.						4,154	54,968
WHITE RIVER, ARK.							2,783
WOLF RIVER, TENN.				4,378			2,934
OHIO RIVER ENGINEER DISTRICT, LOUISVILLE		2,696				6,949	85,618
OHIO RIVER ENGINEER DISTRICT, HUNTINGTON						18,554	2,316
OHIO RIVER ENGINEER DISTRICT, PITTSBURGH		4,537		1,400		1,724	4,277
TENNESSEE RIVER, TENN., ALA. AND KY.	86,916					6,678	1,114
CUMBERLAND RIVER, TENN. AND KY.						770	3,800
KANAWHA RIVER, W.VA.				1,153		2,305	
ALLEGHENY RIVER, PA.							1,400
MISSOURI RIVER							64,481
ILLINOIS RIVER, ILL.				5,939		17,329	9,972
MINNESOTA RIVER, MINN.							53,690
PORT OF CHICAGO, ILL.		2,735		45,198			
TOTAL, SHIPPING AREA	200,535	310,851		86,903	5,598	151,107	828,617
MISSISSIPPI RIVER BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA./ GULF INTRACOASTAL WATERWAY APALACHEE BAY, FLA., TO MOBILE BAY, ALA.				7,298	24,531		1,458
APALACHICOLA, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA.							23,015
GULF OF MEXICO						1,829	
HARRIOR RIVER SYSTEM				4,259	265,259	2,643	19,282
ALABAMA-COOSA RIVERS, ALA. AND GA.				2,791			
GULF INTRACOASTAL WATERWAY MOBILE BAY, ALA., TO NEW ORLEANS, LA.		7,187	118,253		53,267	57,992	15,744
PEARL RIVER, MISS. AND LA.						19,161	
GULF INTRACOASTAL WATERWAY MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.						3,571	
GULF INTRACOASTAL WATERWAY PLAQUEMINE TO MORGAN CITY ROUTE, LA.			1,400				11,501
ATCHAFALAYA RIVER, LA.		3,725				844	14,000
JUCHITA AND BLACK RIVERS, ARK. AND LA.					123,274		11,650
MERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.							47,143
CALCASIEU RIVER AND PASS, LA.			33,872	28,821	35,012	5,901	
SABINE-NECHES WATERWAY, TEXAS	2,792	32,071	9,800	4,348	16,894	93,294	
GALVESTON BAY, TEXAS	4,885	18,786	136,908	331,233	84,774	555,835	278,166
GULF INTRACOASTAL WATERWAY GALVESTON TO CORPUS CHRISTI, TEXAS		168,424		43,070	42,195	583,675	113,807
GULF INTRACOASTAL WATERWAY CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER				82,259	2,138	13,260	90,350
MISSISSIPPI RIVER NEW ORLEANS, LA., TO MOUTH OF PASSES		2,442	9,208	4,388	31,625	29,037	15,361
MISSISSIPPI RIVER BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		543,012	139,938	130,652	368,775	1,516,005	131,345
MISSISSIPPI RIVER MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.			1,319	65,225	4,006	341,490	534,852

DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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

CALENDAR YEAR 1989

(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' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----		1,400		21,812	92,821	145,607	356,971
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----			12,302	44,907	120,427	164,153	915,667
YAZOO RIVER AND MOUTH, MISS-----							27,312
ARKANSAS RIVER, ARK-----		9,562		6,859	176,507	1,420	547,413
WHITE RIVER, ARK-----							14,150
WOLF RIVER, TENN-----				4,189	62,760	11,900	37,062
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE-----				156,234	160,905	497,079	965,828
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON-----				6,143	1,732	635,220	25,067
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH-----		3,964		67,968	59,139	555,575	121,126
TENNESSEE RIVER, TENN., ALA. AND KY-----			15,092		107,395	188,635	90,663
CUMBERLAND RIVER, TENN. AND KY-----				17,151		30,759	36,929
GREEN AND BARREN RIVERS, KY-----						363,262	
KANAWHA RIVER, W.VA-----				22,689	6,770	60,196	
MONONGAHELA RIVER, PA. AND W.VA-----					17,054	12,500	
ALLEGHENY RIVER, PA-----				51,556		1,364	42,550
MISSOURI RIVER-----				12,185	1,240		194,926
ILLINOIS RIVER, ILL-----				51,723	11,420	572,120	571,818
BLACK RIVER, WIS-----					9,818		
ST. CROIX RIVER, WIS. AND MINN-----							18,100
MINNESOTA RIVER, MINN-----							90,041
LAKE MICHIGAN-----						3,054	55,011
PORT OF CHICAGO, ILL-----	8,221			68,439	201,122	126,047	56,577
TOTAL, SHIPPING AREA-----	19,862	786,609	478,092	1,236,177	2,080,460	6,393,427	5,474,725
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA./							
MERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA-----							1,528
GALVESTON BAY, TEXAS-----						3,977	4,542
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES-----						1,381	
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA-----							34,575
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA-----							28,323
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----						19,344	26,682
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----			1,319			13,100	38,429
ARKANSAS RIVER, ARK-----							30,007
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE-----						25,815	92,364
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH-----							19,809
TENNESSEE RIVER, TENN., ALA. AND KY-----							19,638
CUMBERLAND RIVER, TENN. AND KY-----						1,374	3,009
MONONGAHELA RIVER, PA. AND W.VA-----						5,000	
ALLEGHENY RIVER, PA-----							3,000
MISSOURI RIVER-----							23,053
ILLINOIS RIVER, ILL-----						84,008	20,474
MINNESOTA RIVER, MINN-----							15,287
LAKE MICHIGAN-----							2,763
PORT OF CHICAGO, ILL-----	1,246			1,025		1,400	1,600
TOTAL, SHIPPING AREA-----	1,246		1,319	1,025		155,399	365,083
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER/							
WARRIOR RIVER SYSTEM-----							1,510
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA-----		1,158	8,403		1,607		
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA-----							7,201
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----				1,400			8,915
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----						755	9,414
YAZOO RIVER AND MOUTH, MISS-----							11,649
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE-----							16,274
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON-----							5,991
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH-----		10,035					
TENNESSEE RIVER, TENN., ALA. AND KY-----							34,451
CUMBERLAND RIVER, TENN. AND KY-----							4,391
MISSOURI RIVER-----				1,047	1,191	1,671	1,453
ILLINOIS RIVER, ILL-----							26,026
MINNESOTA RIVER, MINN-----							1,752
PORT OF CHICAGO, ILL-----	2,831				1,358	3,747	1,399
TOTAL, SHIPPING AREA-----		14,024	8,403	2,407	4,156	6,173	130,426
MISSISSIPPI RIVER' MINNEAPOLIS, MINN.; TO MOUTH OF MISSOURI RIVER/							
GULF INTRACOASTAL WATERWAY' APALACHEE BAY, FLA., TO MOBILE BAY, ALA-----				31,218			
WARRIOR RIVER SYSTEM-----				6,670			3,209
MERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA-----				10,532			
CALCASTEU RIVER AND PASS, LA-----				1,367			
GALVESTON BAY, TEXAS-----		44,820		51,958		16,211	

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

CALENDAR YEAR 1989

(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: NEW ORLEANS, LA., TO MOUTH OF PASSES-----				1,497			
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,-----	3,400	33,340	17,769	16,836	1,402	33,025	
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,-----				3,590			29,599
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----		25,200					33,658
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----			1,446	1,327		55,135	241,765
YAZOO RIVER AND MOUTH, MISS.,-----				1,363			9,225
WOLF RIVER, TENN.,-----				23,609			
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE-----				46,687		16,587	93,281
OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON-----							1,407
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH-----		12,927					
TENNESSEE RIVER, TENN., ALA. AND KY.,-----							12,296
CUMBERLAND RIVER, TENN. AND KY.,-----							1,496
SIS SANDY RIVER, KY. AND W. VA.,-----							34,855
MISSOURI RIVER-----							5,908
ILLINOIS RIVER, ILL.,-----						30,056	88,523
PORT OF CHICAGO, ILL.,-----				1,398			
TOTAL, SHIPPING AREA-----	3,400	116,287	19,215	198,252	1,402	151,014	555,282
YAZOO RIVER AND MOUTH, MISS., / APALACHICOLA, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA.,-----							57,856
GALVESTON BAY, TEXAS,-----							4,791
GULF INTRACOASTAL WATERWAY: GALVESTON TO CORPUS CHRISTI, TEXAS,-----							18,138
GULF INTRACOASTAL WATERWAY: CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER-----							8,375
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES-----							11,712
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,-----							93,742
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,-----							65,745
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----							9,091
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----							2,792
YAZOO RIVER AND MOUTH, MISS.,-----							7,040
ARKANSAS RIVER, ARK.,-----							3,008
WHITE RIVER, ARK.,-----							4,998
WOLF RIVER, TENN.,-----							2,988
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE-----							9,906
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH-----							1,422
TENNESSEE RIVER, TENN., ALA. AND KY.,-----							14,001
CUMBERLAND RIVER, TENN. AND KY.,-----							2,896
ILLINOIS RIVER, ILL.,-----							8,853
LAKE MICHIGAN-----							6,309
TOTAL, SHIPPING AREA-----							333,613
ARKANSAS RIVER, ARK., / HARRIOR RIVER SYSTEM-----						4,154	
GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.,-----						1,448	
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES-----						4,201	
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,-----							158,527
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,-----							41,059
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----						24,346	6,285
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----						5,000	1,636
YAZOO RIVER AND MOUTH, MISS.,-----							2,910
WOLF RIVER, TENN.,-----							3,284
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE-----						24,554	197,628
OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON-----							5,710
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH-----							3,500
MISSOURI RIVER-----							19,516
ILLINOIS RIVER, ILL.,-----						48,924	102,234
LAKE MICHIGAN-----							57,335
TOTAL, SHIPPING AREA-----						112,627	559,626
WOLF RIVER, TENN., / GALVESTON BAY, TEXAS,-----				1,661			
GULF INTRACOASTAL WATERWAY: GALVESTON TO CORPUS CHRISTI, TEXAS,-----						3,000	
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES-----						4,975	1,593
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,-----							5,468
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE-----							4,749
ALLEGHENY RIVER, PA.,-----				1,405			

DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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

CALENDAR YEAR 1989

(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)
MISSOURI RIVER-----							1,367
ILLINOIS RIVER, ILL.-----							1,400
TOTAL, SHIPPING AREA-----				3,086		7,975	14,577
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE/ GALVESTON BAY, TEXAS-----						2,865	
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----	1,152	8,702				3,023	
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.-----						43,890	3,000
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----		2,800			700		
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----							2,902
WHITE RIVER, ARK.-----							1,400
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE-----						286,800	56,705
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON-----	30,968						
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH-----		1,400				2,835	
TENNESSEE RIVER, TENN., ALA. AND KY.-----	1,513		2,670				18,303
CUMBERLAND RIVER, TENN. AND KY.-----							1,499
ILLINOIS RIVER, ILL.-----						2,479	18,302
PORT OF CHICAGO, ILL.-----						3,345	
TOTAL, SHIPPING AREA-----	33,613	12,902	2,670		700	345,237	100,111
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON/ GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.-----	2,521						
RED RIVER BELOW FULTON, ARK.-----	3,600						
SABINE-NECHES WATERWAY, TEXAS-----						11,407	
GULF INTRACOASTAL WATERWAY' SABINE RIVER TO GALVESTON, TEXAS-----							4,124
GALVESTON BAY, TEXAS-----	8,098	1,211				38,824	
GULF INTRACOASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER-----							1,337
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES-----				14,861			
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----	5,619	1,372				20,932	
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.-----						26,876	
WOLF RIVER, TENN.-----				2,750			
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE-----				24,404		1,400	
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON-----	47,417					7,379	1,624
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH-----	514	1,447		60,095		11,848	
CUMBERLAND RIVER, TENN. AND KY.-----				2,700			
BIG SANDY RIVER, KY. AND N.VA.-----		1,400					
KANAWHA RIVER, N.VA.-----	6,730					24,637	
MONONGAHELA RIVER, PA. AND N.VA.-----	2,800					2,824	
PORT OF CHICAGO, ILL.-----	1,382					1,400	
TOTAL, SHIPPING AREA-----	78,681	5,430		104,810		153,186	1,624
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH/ GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.-----	16,861						
GALVESTON BAY, TEXAS-----	20,860	11,688				19,640	
GULF INTRACOASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER-----	63,122						
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES-----	2,943						
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----		3,445	1,400				12,902
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.-----					1,400		
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----	1,384				2,680		
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----						2,800	
ARKANSAS RIVER, ARK.-----		4,659					
WOLF RIVER, TENN.-----					1,400		
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE-----		2,237			62,705	7,883	2,922
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON-----	1,400				1,400		
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH-----	1,259	18,760			2,800		
TENNESSEE RIVER, TENN., ALA. AND KY.-----	4,781				1,310		4,444
BIG SANDY RIVER, KY. AND N.VA.-----	466	466					
KANAWHA RIVER, N.VA.-----					25,998	600	
MONONGAHELA RIVER, PA. AND N.VA.-----	16,488				25,078		
ALLEGHENY RIVER, PA.-----				1,397			
PORT OF CHICAGO, ILL.-----	1,400				7,063	4,142	
TOTAL, SHIPPING AREA-----	130,944	41,255	1,400	1,397	131,835	35,065	20,268
TENNESSEE RIVER, TENN., ALA. AND KY./ GALVESTON BAY, TEXAS-----	1,400				4,205	6,404	
GULF INTRACOASTAL WATERWAY' GALVESTON TO CORPUS CHRISTI, TEXAS-----	11,226						

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

CALENDAR YEAR 1989

(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: NEW ORLEANS, LA., TO MOUTH OF PASSES-----				5,488			
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,-----				65,109			
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,-----				10,936			
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----				11,181			
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----				2,784			
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE-----				15,472			
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE-----				84,607		7,500	
TENNESSEE RIVER, TENN., ALA. AND KY.,-----				22,352			1,474
CUMBERLAND RIVER, TENN., AND KY.,-----				9,663			
ALLEGHENY RIVER, PA.,-----				4,292			
ILLINOIS RIVER, ILL.,-----				9,472		1,400	24,819
LAKE MICHIGAN-----							43,476
PORT OF CHICAGO, ILL.,-----	1,400			138,495			
TOTAL, SHIPPING AREA-----	1,400			503,771		8,900	69,769
MINNESOTA RIVER, MINN.,/ ILLINOIS RIVER, ILL.,-----							1,397
LAKE ONTARIO/ UPPER HUDSON RIVER, N.Y.,-----						5,354	
LAKE MICHIGAN/ SABINE-NECHES WATERWAY, TEXAS-----						1,418	
GALVESTON BAY, TEXAS-----	1,400						
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----	2,800						
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----	1,400						
OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON-----	1,400						
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH-----						703	
TENNESSEE RIVER, TENN., ALA. AND KY.,-----							1,360
TOTAL, SHIPPING AREA-----	7,000					2,121	1,360
PORT OF CHICAGO, ILL.,/ SABINE-NECHES WATERWAY, TEXAS-----		1,195					
GALVESTON BAY, TEXAS-----	9,800	5,377		897		1,400	
GULF INTRACASTAL WATERWAY: GALVESTON TO CORPUS CHRISTI, TEXAS-----	36,376						
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES-----						7,000	
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,-----	22,281	34,965				7,602	
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,-----						892	1,143
OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON-----						1,396	
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH-----	20,612	11,194				1,368	
TENNESSEE RIVER, TENN., ALA. AND KY.,-----							2,597
KANAWHA RIVER, W.VA.,-----						4,678	
MISSOURI RIVER-----						2,506	
ILLINOIS RIVER, ILL.,-----	5,600					14,425	1,400
PORT OF CHICAGO, ILL.,-----	58,787	46,369		6,649		125,645	
TOTAL, SHIPPING AREA-----	153,456	99,120		7,546		166,932	5,140
SAN FRANCISCO BAY AREA/ SAN FRANCISCO BAY AREA-----						9,183	
SAN JOAQUIN RIVER, CALIF./ SAN FRANCISCO BAY AREA-----					6,651		
COLUMBIA RIVER: VANCOUVER, WASH., TO THE MOUTH/ COLUMBIA RIVER: VANCOUVER, WASH., TO THE MOUTH OREG.,-----					1,601		22,362
COLUMBIA RIVER: ABOVE CELILO FALLS TO KENNEWICK, WASH.,-----					9,590		9,045
WILLAMETTE AND YAMHILL RIVERS, OREG.,-----							12,873
SNAKE RIVER, OREG., WASH. AND IDAHO-----						1,015	5,260
TOTAL, SHIPPING AREA-----					6,101	1,015	49,562
COLUMBIA RIVER: VANCOUVER, WASH., TO THE DALLAS, OREG.,/ COLUMBIA RIVER: VANCOUVER, WASH., TO THE MOUTH WASH.,-----							2,924
COLUMBIA RIVER: ABOVE CELILO FALLS TO KENNEWICK, WASH.,-----							6,900
SNAKE RIVER, OREG., WASH. AND IDAHO-----						988	
TOTAL, SHIPPING AREA-----						988	8,928
COLUMBIA RIVER: ABOVE CELILO FALLS TO KENNEWICK, WASH.,/ COLUMBIA RIVER: VANCOUVER, WASH., TO THE MOUTH-----							3,996

DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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

CALENDAR YEAR 1989

(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)
COLUMBIA RIVER/ VANCOUVER, WASH., TO THE DALLES, OREG.							3,593
COLUMBIA RIVER/ ABOVE CELILO FALLS TO KENNEWICK, WASH.							17,975
WILLAMETTE AND YAMHILL RIVERS, OREG.							1,005
SNAKE RIVER, OREG., WASH. AND IDAHO							3,615
TOTAL, SHIPPING AREA							30,182
WILLAMETTE AND YAMHILL RIVERS, OREG. / COLUMBIA RIVER/ VANCOUVER, WASH., TO THE DALLES, OREG.							2,032
COLUMBIA RIVER/ ABOVE CELILO FALLS TO KENNEWICK, WASH.						89,340	2,013
TOTAL, SHIPPING AREA						89,340	4,045
PUGET SOUND AND TRIBUTARY WATERS/ PUGET SOUND AND TRIBUTARY WATERS					64,627		
LOWER & UPPER SOUTHEAST ALASKA/ LOWER & UPPER SOUTHEAST ALASKA						694	734
PRINCE WILLIAM & COOK INLET, ALASKA AREA/ PRINCE WILLIAM & COOK INLET, ALASKA AREA						267	

SECTION 3

WATER CARRIAGE TON-MILES

WATER CARRIAGE TON-MILES

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TABLE 1--TOTAL COMMERCE: TON-MILES AND TONS BY TYPE OF TRAFFIC AND AVERAGE HAUL

CALENDAR YEARS 1979-1989

(IN THOUSANDS)

	TOTAL, FOREIGN AND DOMESTIC	FOREIGN			DOMESTIC				
		TOTAL	GREAT LAKES PORTS	COASTAL POINTS	TOTAL	COASTWISE	LAKEWISE	INTERNAL	LOCAL
TON-MILES*									
1989-----	911,232,222	95,682,287	27,116,908	68,565,379	815,549,935	485,885,605	58,307,596	272,157,415	1,196,319
1988-----	970,685,086	80,656,648	24,446,417	56,208,231	890,028,388	561,594,865	58,159,458	269,035,703	1,238,372
1987-----	968,403,732	72,988,231	22,003,252	50,984,979	895,415,501	566,818,384	50,076,733	257,336,402	1,183,939
1986-----	944,910,475	71,509,435	24,235,272	47,274,163	873,401,040	500,888,675	43,198,187	248,116,902	1,197,276
1985-----	964,911,185	71,941,211	27,171,821	44,769,390	892,969,974	610,974,503	48,183,952	232,707,523	1,101,996
1984-----	966,476,243	76,758,224	32,244,380	44,508,844	887,720,019	593,923,081	49,784,434	242,655,408	1,157,096
1983-----	987,161,626	69,596,038	24,304,364	45,286,674	919,565,588	609,749,453	43,088,156	225,628,298	1,099,681
1982-----	964,899,925	79,626,221	27,165,490	51,262,731	886,468,704	632,707,073	35,623,253	217,026,688	1,111,648
1981-----	1,023,616,494	96,223,138	35,293,982	58,929,156	929,413,350	634,765,277	62,148,300	231,184,111	1,315,588
1980-----	1,016,085,181	94,249,417	33,679,592	60,569,825	921,835,764	631,149,247	61,747,114	227,382,991	1,596,412
1979-----	931,846,381	103,066,591	43,146,432	59,940,459	828,759,490	532,290,272	77,966,769	217,690,226	1,410,223
TONS*									
1989-----	2,135,237	1,037,910	54,839	983,071	1,097,327	302,027	109,066	606,006	80,208
1988-----	2,087,993	976,221	52,492	923,729	1,111,772	325,177	109,666	588,119	83,689
1987-----	1,962,761	890,979	43,925	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	91,487	534,658	74,293
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	887,102	63,210	823,892	1,051,326	321,990	115,418	529,668	93,250
1980-----	1,995,300	921,404	69,592	850,812	1,073,898	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
AVERAGE HAUL* (MILES PER TON)	426.8	92.3	494.5	62.7	743.2	1,602.1	534.5	449.1	14.9
1989-----	464.9	92.6	465.8	60.8	804.3	1,727.0	530.3	457.5	14.8
1988-----	493.3	81.9	479.1	60.3	835.4	1,813.9	519.0	451.6	14.4
1987-----	505.2	85.4	528.8	59.7	845.3	1,885.9	494.5	442.7	15.5
1986-----	540.5	92.9	529.5	61.9	863.5	1,972.2	523.8	435.2	14.8
1985-----	527.4	98.4	548.7	62.5	862.5	1,930.5	508.0	446.0	14.3
1984-----	560.3	92.7	502.1	64.4	964.6	2,098.4	516.4	463.2	15.0
1983-----	543.9	95.7	539.1	66.6	929.0	2,034.0	494.2	438.0	14.7
1982-----	528.1	106.2	558.4	71.5	884.9	1,971.4	538.5	444.0	14.1
1981-----	509.2	102.3	555.6	70.4	858.4	1,914.8	536.4	405.0	16.9
1980-----	450.2	103.8	585.0	65.2	770.0	1,747.1	543.1	405.8	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: 1989, 5,205 THOUSAND TONS;
 1988, 5,123 THOUSAND TONS; 1987, 4,898 THOUSAND TONS; 1986, 3,959 THOUSAND TONS; 1985, 3,401 THOUSAND TONS;
 1984, 3,406 THOUSAND TONS; 1983, 3,160 THOUSAND TONS; 1982, 2,911 THOUSAND TONS; 1981, 3,130 THOUSAND TONS;
 1980, 3,588 THOUSAND TONS;

TABLE 2--DOMESTIC TON-MILES TYPE OF TRAFFIC BY SERVICE

CALENDAR YEAR 1989

(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-----	485,886,605	59.4	100.0	11,510,111	30.6	2.4	326,523,618	53.8	67.5	145,854,876	86.6	30.1
LAKEWISE-----	58,307,596	7.1	100.0	137,803	0.4	0.2	55,031,220	9.0	94.4	3,138,573	1.9	5.4
INTERNAL-----	272,157,415	33.4	100.0	25,899,118	68.9	9.5	227,287,320	37.3	83.5	18,970,977	11.3	7.0
LOCAL-----	1,196,319	0.1	100.0	19,978	0.1	1.7	864,568	0.1	72.3	311,773	0.2	26.0
TOTAL DOMESTIC--	815,549,935	100.0	100.0	37,567,910	100.0	4.6	609,706,726	100.0	74.8	168,276,199	100.0	20.6

WATER CARRIAGE TON-MILES

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TABLE 1--TOTAL COMMERCE¹ TON-MILES AND TONS BY TYPE OF TRAFFIC AND AVERAGE HAUL

CALENDAR YEARS 1979-1989

(IN THOUSANDS)

	TOTAL, FOREIGN AND DOMESTIC	FOREIGN			DOMESTIC				
		TOTAL	GREAT LAKES PORTS	COASTAL PORTS	TOTAL	COASTWISE	LAKEWISE	INTERNAL	LOCAL
TON-MILES ¹									
1989-----	908,232,222	88,682,267	* 27,118,908	** 68,563,379	815,549,935	483,888,605	58,307,596	272,157,415	1,196,319
1988-----	970,685,046	80,656,648	* 24,448,417	** 56,208,231	890,028,398	561,594,865	58,159,458	269,055,703	1,238,372
1987-----	968,403,732	72,988,231	* 22,005,252	** 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	248,116,902	1,197,276
1985-----	964,911,185	71,941,211	* 27,171,821	** 44,769,390	892,969,974	610,976,503	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	225,028,298	1,099,681
1982-----	964,896,925	73,428,221	* 27,165,490	** 51,262,731	886,468,704	632,707,073	35,623,255	217,026,688	1,111,688
1981-----	1,023,636,494	94,223,138	* 35,293,982	** 58,929,156	929,413,356	634,765,277	62,148,380	231,184,111	1,315,588
1980-----	1,016,085,181	94,249,417	* 33,679,592	** 60,569,825	921,835,764	631,149,247	61,747,114	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
TONS ¹									
1989-----	# 2,135,237	1,037,910	54,839	983,071	1,097,327	302,027	109,086	606,006	80,208
1988-----	# 2,087,993	976,221	52,492	923,729	1,111,772	323,177	109,868	588,119	83,689
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	309,025	87,353	560,499	77,358
1985-----	# 1,785,035	774,323	51,320	723,003	1,010,710	309,802	91,987	534,658	74,283
1984-----	# 1,632,614	683,332	58,774	744,564	1,029,276	307,652	86,010	502,503	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	887,102	63,210	823,892	1,051,326	321,990	115,418	520,668	93,250
1980-----	# 1,995,300	921,404	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
AVERAGE HAUL ¹ (MILES PER TON)									
1989-----	423.4	85.4	494.5	62.6	743.2	1,002.1	534.5	449.1	14.9
1988-----	464.9	82.6	465.8	60.8	804.3	1,727.0	530.3	457.5	14.8
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	1,772.2	523.8	435.2	14.8
1984-----	527.4	96.4	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	515.4	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-----	526.1	106.2	556.4	71.5	864.0	1,971.4	538.5	444.0	14.1
1980-----	508.2	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

* 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; 1989, 5,205 THOUSAND TONS;
 1988, 5,123 THOUSAND TONS; 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;

TABLE 2--DOMESTIC TON-MILES TYPE OF TRAFFIC BY SERVICE

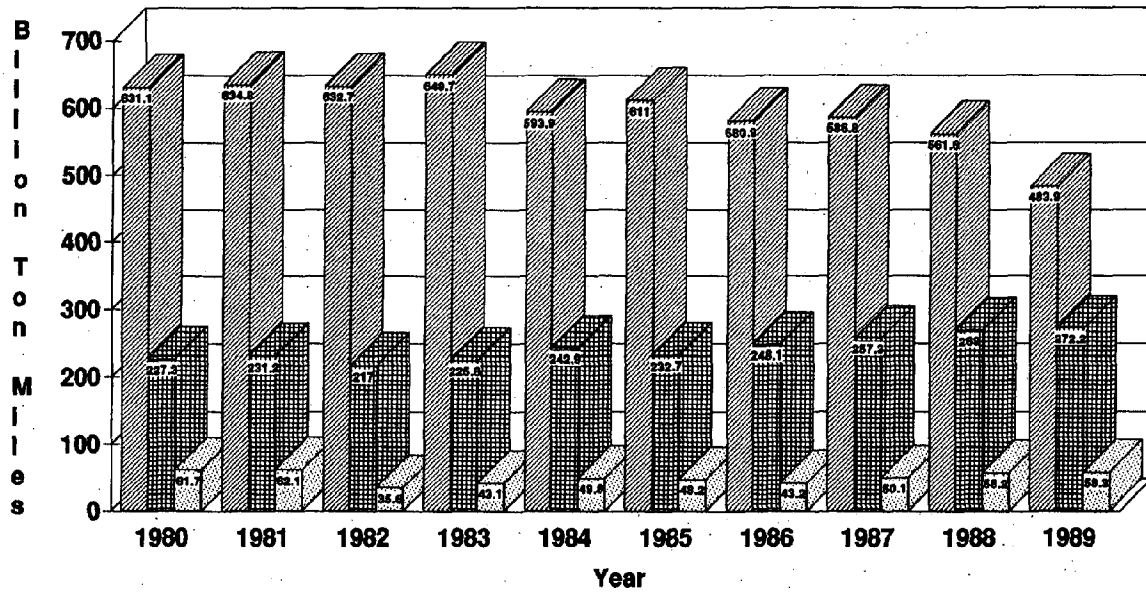
CALENDAR YEAR 1989

(IN THOUSANDS)

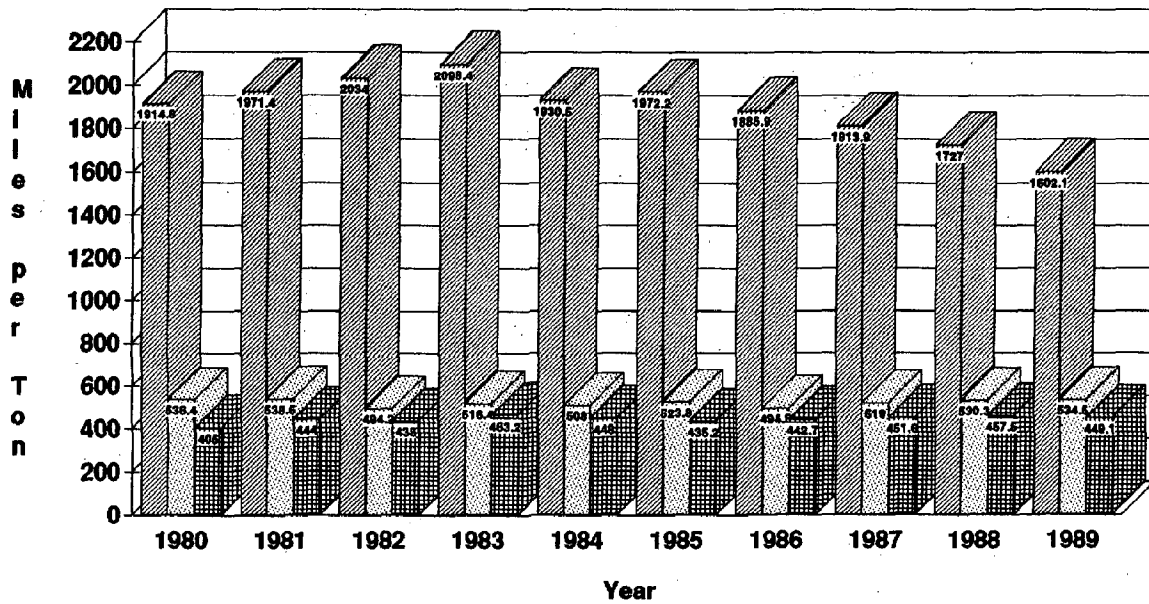
TYPE OF TRAFFIC	TOTAL			REGULATED			EXEMPT, FOR HIRE			PRIVATE		
	TON-MILES	PERCENT OF		TON-MILES	PERCENT OF		TON-MILES	PERCENT OF		TON-MILES	PERCENT OF	
		TOTAL, DOMESTIC	TRAFFIC		TOTAL, DOMESTIC	TRAFFIC		TOTAL, DOMESTIC	TRAFFIC		TOTAL, DOMESTIC	TRAFFIC
COASTWISE-----	483,888,605	59.4	100.0	11,510,111	30.6	2.4	326,523,618	53.6	67.5	145,854,876	86.6	30.1
LAKEWISE-----	58,307,596	7.1	100.0	137,803	0.4	0.2	55,031,220	9.0	94.4	3,138,573	1.9	5.4
INTERNAL-----	272,157,415	33.4	100.0	25,899,118	68.9	9.5	227,287,320	37.3	83.5	18,970,977	11.3	7.0
LOCAL-----	1,196,319	0.1	100.0	19,978	0.1	1.7	864,568	0.1	72.3	311,773	0.2	26.0
TOTAL DOMESTIC--	815,549,935	100.0	100.0	37,567,010	100.0	4.6	609,706,726	100.0	74.8	168,276,199	100.0	20.6

Ton-Miles Domestic Commerce 1980-1989

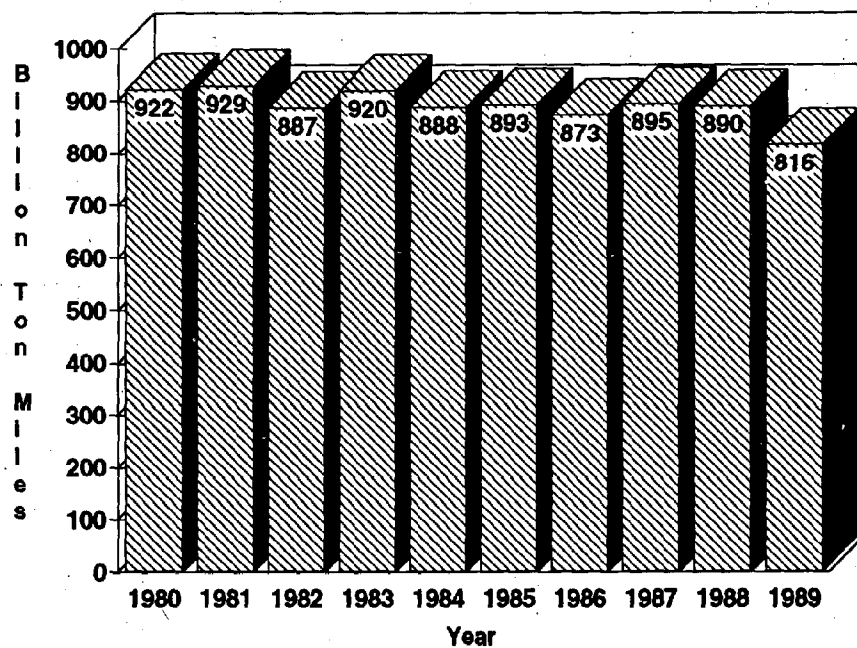
Legend
 Coastwise
 Lakewise
 Internal



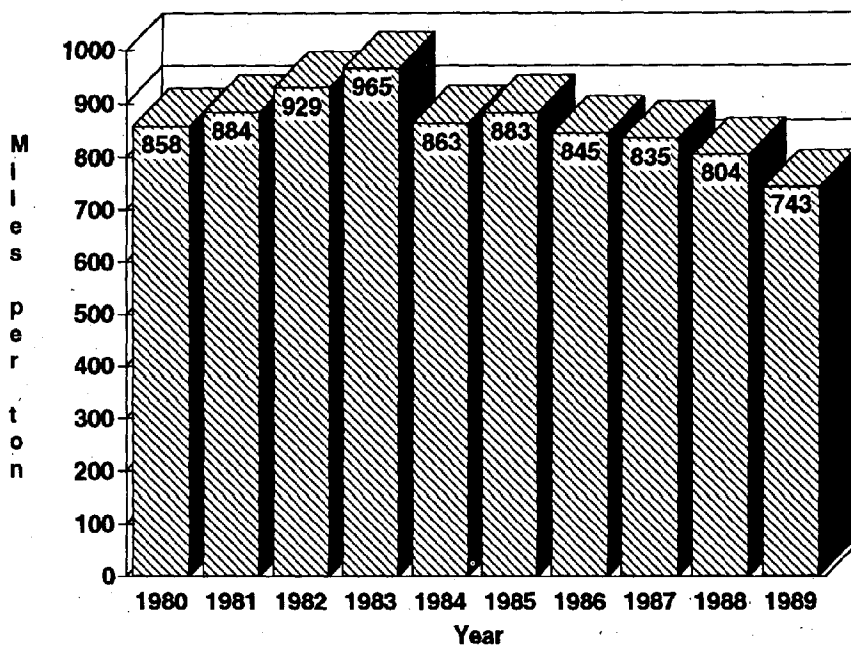
Average Haul Domestic Commerce 1980-1989



Total Ton-Miles Domestic Commerce 1980-1989



Total Average Haul Domestic Commerce 1980-1989



Water Carriage Ton-Miles

Chart 2 - Domestic Ton-Miles by Type of Service, 1989

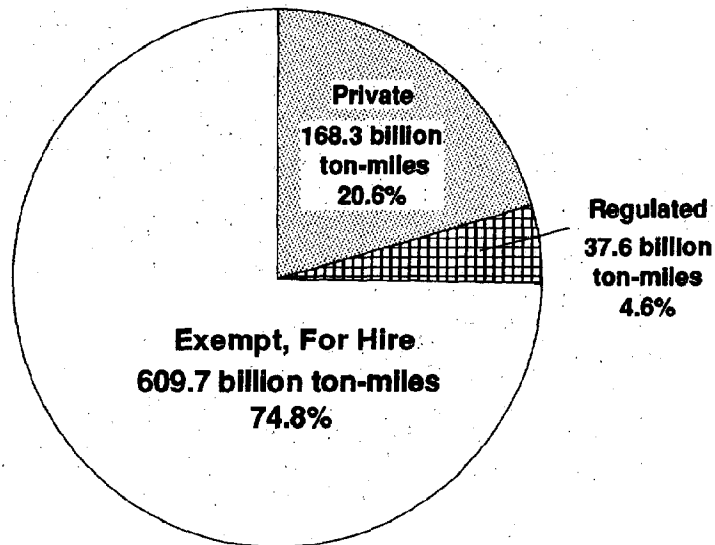
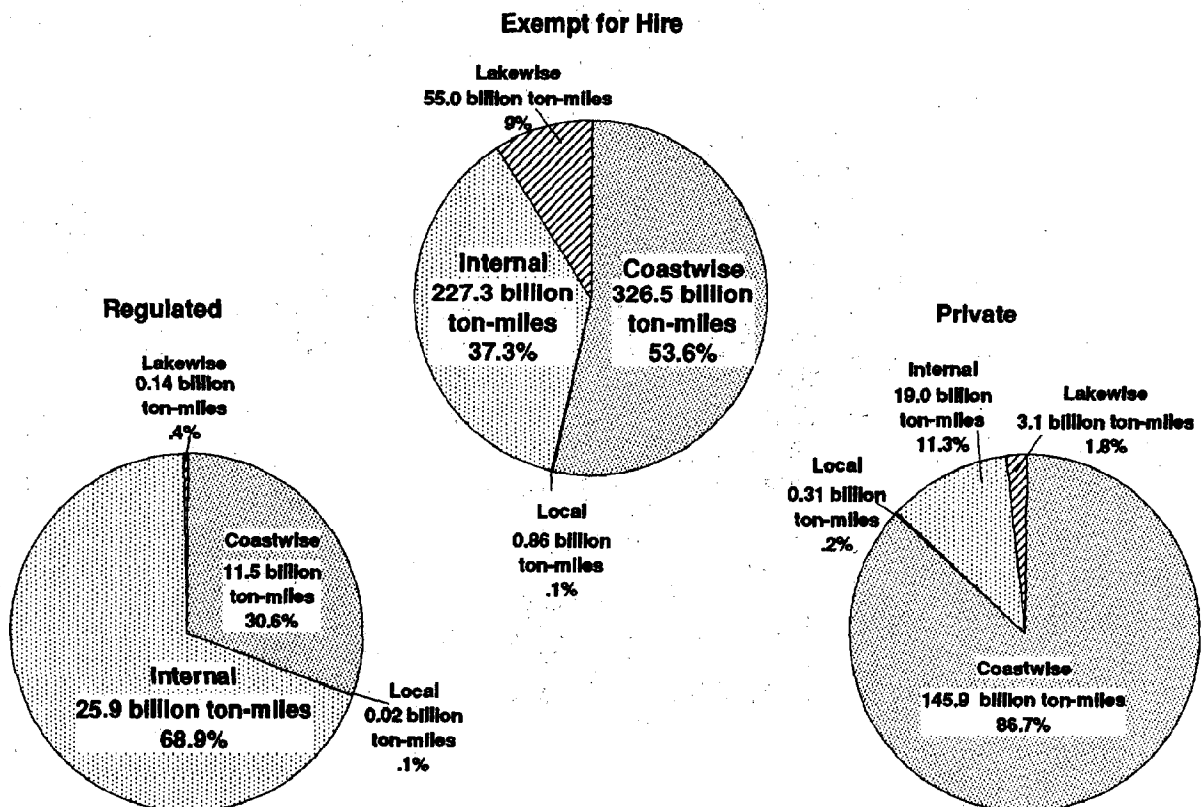


Chart 3 - Domestic Ton-Miles by Type of Service by Type of Traffic, 1989



WATER CARRIAGE TON-MILES

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TABLE 3--DOMESTIC TRAFFIC TONS AND TON-MILES OF PRINCIPAL COMMODITY GROUPS BY TYPE OF TRAFFIC AND SERVICE CALENDAR YEAR 1969 #

TYPE OF TRAFFIC AND COMMODITY GROUP	(IN THOUSANDS)										EXEMPT, FOR HIRE				PRIVATE				
	TOTAL					REGULATED					AVERAGE HAUL (MILES PER TON)				AVERAGE HAUL (MILES PER TON)				
	TON-MILES	TONS	AVERAGE HAUL (MILES PER TON)	TON-MILES	TONS	TON-MILES	TONS	AVERAGE HAUL (MILES PER TON)	TON-MILES	TONS	TON-MILES	TONS	AVERAGE HAUL (MILES PER TON)	TON-MILES	TONS	AVERAGE HAUL (MILES PER TON)	TON-MILES	TONS	
COASTWISE, TOTAL-----	483,688,605	302,027	1,602.1	11,510,111	9,304	1,237.2	326,523,618	195,304	1,671.9	145,854,876	97,419	1,497.2	1,671.9	145,854,876	97,419	1,497.2	1,671.9	145,854,876	
PETROLEUM AND PRODUCTS-----	424,939,674	265,144	1,733.4	1,352,506	2,159	626.5	281,405,652	150,795	1,866.6	142,141,316	92,191	1,541.8	1,866.6	142,141,316	92,191	1,541.8	1,866.6	142,141,316	
COAL AND COKE-----	6,907,729	12,969	532.6	365,112	498	728.8	6,524,362	12,437	526.6	18,235	34	540.0	526.6	18,235	34	540.0	526.6	18,235	
IRON ORE AND IRON AND STEEL-----	496,055	347	1,430.6	127,717	79	1,610.1	369,269	210	1,731.5	4,039	17	268.1	1,731.5	4,039	17	268.1	1,731.5	4,039	
SAND, GRAVEL, AND STONE-----	446,046	3,142	142.9	37,553	22	1,675.5	403,864	302	1,846.5	7,389	16	464.3	1,846.5	7,389	16	464.3	1,846.5	7,389	
GRAINS-----	601,405	1,494	1,623.2	284,021	192	1,272.0	315,684	136	1,826.5	12,582	1,836	1,197.5	1,826.5	12,582	1,836	1,197.5	1,826.5	12,582	
LOGS AND LUMBER-----	2,511,071	1,681	1,512.1	1,168,542	936	1,250.5	1,342,529	750	1,664.8	2,222,029	1,836	1,197.5	1,664.8	2,222,029	1,836	1,197.5	1,664.8	2,222,029	
CHEMICALS AND RELATED PRODUCTS-----	20,539,745	15,411	1,332.7	1,476,787	1,013	1,526.4	18,637,468	12,582	1,836	1,197.5	1,836	1,197.5	1,836	1,197.5	1,836	1,197.5	1,836	1,197.5	
SHELLS-----	27,386,520	22,636	1,199.2	6,755,780	4,403	1,536.0	19,175,601	15,186	1,268.7	1,457,279	3,249	446.5	1,268.7	1,457,279	3,249	446.5	1,268.7	1,457,279	
ALL OTHERS-----	58,307,596	109,086	534.5	137,803	522	263.9	55,031,220	99,424	552.4	3,136,573	8,980	351.1	552.4	3,136,573	8,980	351.1	552.4	3,136,573	
LAKEWISE, TOTAL-----	556,297	2,382	233.6	37	37	25.8	550,067	2,345	232.8	6,103	17	357.1	232.8	6,103	17	357.1	232.8	6,103	
PETROLEUM AND PRODUCTS-----	10,698,126	19,375	552.2	955	22	43.4	10,651,868	19,199	565.6	65,503	117.9	117.9	565.6	65,503	117.9	117.9	565.6	65,503	
COAL AND COKE-----	36,337,099	56,511	603.0	110,897	216	507.6	36,501,330	51,732	668.9	1,724,682	4,561	378.2	668.9	1,724,682	4,561	378.2	668.9	1,724,682	
IRON ORE AND IRON AND STEEL-----	7,654,000	23,543	325.1	11,337	39	294.2	6,612,616	20,796	318.0	1,039,837	2,768	380.3	318.0	1,039,837	2,768	380.3	318.0	1,039,837	
SAND, GRAVEL, AND STONE-----	1,073,937	1,099	977.0	1,073,937	1,099	977.0	1,073,937	1,099	977.0	1,099	977.0	1,099	977.0	1,099	977.0	1,099	977.0	1,099	
GRAINS-----	1,674	28	60.8	1,674	28	60.8	1,674	28	60.8	1,674	28	60.8	60.8	1,674	28	60.8	1,674	28	
LOGS AND LUMBER-----	95,540	356	268.3	1,255	21	61.0	94,275	335	261.1	335	335	335	261.1	335	335	261.1	335	335	
CHEMICALS AND RELATED PRODUCTS-----	1,899,918	5,793	326.4	11,636	194	60.1	1,566,928	4,500	348.2	312,358	1,009	284.1	348.2	312,358	1,009	284.1	348.2	312,358	
SHELLS-----	272,157,415	206,006	409.1	25,499,118	31,530	821.4	227,287,320	477,759	875.7	18,970,977	9,676	186.2	875.7	18,970,977	9,676	186.2	875.7	18,970,977	
ALL OTHERS-----	19,949,073	141,266	297.7	7,451,059	5,046	580.4	19,949,073	141,266	580.4	20,000	20,000	20,000	580.4	20,000	20,000	580.4	20,000	20,000	
INTERNAL, TOTAL-----	77,215,946	12,259	406.5	7,650,959	9,070	843.5	69,359,884	162,270	821.1	256,103	1,581	148.9	821.1	256,103	1,581	148.9	821.1	256,103	
PETROLEUM AND PRODUCTS-----	11,867,045	16,720	150.8	5,359,466	5,405	991.5	5,552,709	6,742	961.7	0,650	52.8	52.8	961.7	0,650	52.8	961.7	0,650	52.8	
COAL AND COKE-----	9,128,176	56,720	150.8	1,629,522	1,231	1,292.6	5,203,084	51,996	1,086.9	1,513,572	30,891	77.9	1,086.9	1,513,572	30,891	77.9	1,086.9	1,513,572	
IRON ORE AND IRON AND STEEL-----	59,245,842	55,400	1,069.4	1,529,206	1,231	1,292.6	56,203,084	51,996	1,086.9	659,104	5,687	115.9	1,086.9	659,104	5,687	115.9	1,086.9	659,104	
SAND, GRAVEL, AND STONE-----	1,759,926	16,981	103.6	47,558	393	121.0	1,653,264	10,960	718.9	4,659,665	11,072	420.8	718.9	4,659,665	11,072	420.8	718.9	4,659,665	
GRAINS-----	30,705,754	46,291	663.3	3,659,150	4,080	886.8	22,386,939	31,139	169.8	275,152	2,738	100.5	169.8	275,152	2,738	100.5	169.8	275,152	
LOGS AND LUMBER-----	335,437	3,093	108.5	3,659,150	4,080	886.8	50,285	355	548.4	2,663,954	11,490	231.8	548.4	2,663,954	11,490	231.8	548.4	2,663,954	
CHEMICALS AND RELATED PRODUCTS-----	41,956,216	81,065	517.6	3,039,158	3,467	876.3	36,254,104	66,106	18.7	311,773	20,459	15.2	18.7	311,773	20,459	15.2	18.7	311,773	
SHELLS-----	1,196,319	80,208	14.9	19,978	1,024	19.5	884,568	58,725	18.7	311,773	20,459	15.2	18.7	311,773	20,459	15.2	18.7	311,773	
ALL OTHERS-----	649,141	49,604	13.9	6,311	364	10.6	559,460	41,894	13.4	94,370	7,577	11.1	13.4	94,370	7,577	11.1	13.4	94,370	
LOCAL, TOTAL-----	91,023	51,202	15.3	1,436	82	34.3	82,248	5,627	22.7	8,623	44	4.4	22.7	8,623	44	4.4	22.7	8,623	
PETROLEUM AND PRODUCTS-----	137,063	7,092	18.8	1,436	82	34.3	137,063	7,092	22.7	8,623	44	4.4	22.7	8,623	44	4.4	22.7	8,623	
COAL AND COKE-----	14,922	59	254.1	1,436	82	34.3	13,486	59	254.1	1,436	82	4.4	254.1	1,436	82	4.4	254.1	1,436	
IRON ORE AND IRON AND STEEL-----	35,982	2,512	14.3	8,097	366	22.1	35,982	2,512	14.3	8,097	366	22.1	14.3	8,097	366	22.1	14.3	8,097	
SAND, GRAVEL, AND STONE-----	1,723	5,640	26.3	8,097	366	22.1	1,723	5,640	26.3	8,097	366	22.1	26.3	8,097	366	22.1	26.3	8,097	
GRAINS-----	186,445	8,956	20.8	3,982	21	185.7	82,272	4,803	17.1	100,191	4,132	24.2	17.1	100,191	4,132	24.2	17.1	100,191	
LOGS AND LUMBER-----	77,959	66	66	8,097	366	22.1	77,959	66	66	8,097	366	22.1	66	8,097	366	22.1	66	8,097	
CHEMICALS AND RELATED PRODUCTS-----	1,723	5,640	26.3	8,097	366	22.1	1,723	5,640	26.3	8,097	366	22.1	26.3	8,097	366	22.1	26.3	8,097	
SHELLS-----	186,445	8,956	20.8	3,982	21	185.7	82,272	4,803	17.1	100,191	4,132	24.2	17.1	100,191	4,132	24.2	17.1	100,191	
ALL OTHERS-----	815,549,935	1,097,527	743.2	37,567,010	48,380	884.4	609,706,726	631,413	733.3	168,276,199	223,535	752.8	733.3	168,276,199	223,535	752.8	733.3	168,276,199	
DOMESTIC, TOTAL-----	466,094,165	458,597	1,016.3	6,809,693	8,690	553.5	312,515,962	319,413	979.3	148,765,130	130,766	1,137.6	979.3	148,765,130	130,766	1,137.6	979.3	148,765,130	
PETROLEUM AND PRODUCTS-----	94,915,824	210,853	450.1	6,017,218	9,601	855.0	86,597,342	197,133	435.0	349,264	4,119	84.6	435.0	349,264	4,119	84.6	435.0	349,264	
COAL AND COKE-----	46,707,850	69,709	698.7	5,599,556	5,745	974.7	41,372,595	59,097	700.1	1,755,681	4,866	356.7	700.1	1,755,681	4,866	356.7	700.1	1,755,681	
IRON ORE AND IRON AND STEEL-----	17,553,715	90,406	192.0	1,212,462	1,998	606.8	12,604,171	49,481	1,086.2	3,537,082	39,036	69.6	1,086.2	3,537,082	39,036	69.6	1,086.2	3,537,082	
SAND, GRAVEL, AND STONE-----	6,139,586	27,203	1,074.6	1,939,257	1,423	1,283.5	5,194,327	3,456	1,846.5	1,513,572	2,173	69.7	1,846.5	1,513,572	2,173	69.7	1,846.5	1,513,572	
GRAINS-----	3,413,343	47,696	759.5	1,939,257	1,423	1,283.5	3,413,343	47,696	759.5	1,939,257	1,423	69.7	759.5	3,413,343	47,696	759.5	1,939,257	1,423	69.7
LOGS AND LUMBER-----	51,411,343	37,696	107.4	1,939,257	1,423	1,283.5	51,411,343	37,696	107.4	1,939,257	1,423	69.7	107.4	51,411,343	37,696	107.4	1,939,257	1,423	69.7
CHEMICALS AND RELATED PRODUCTS-----	339,405	3,160	107.4	1,939,257	1,423	1,283.5	339,405	3,160	107.4	1,939,257	1,423	69.7	107.4	339,405	3,160	107.4	1,939,257	1,423	69.7
SHELLS-----	71,426,099	118,652	601.9	9,807,556	8,065	1,213.1	57,079,741	90,597	630.0	4,513,782	19,971	227.0	630.0	4,513,782	19,971	227.0	630.0	4,513,782	
ALL OTHERS-----	1,137,611	1,137,611	1,137.6	1,137,611	1,137,611	1,137.6	1,137,611	1,137,611	1,137.6	1,137,611	1,137,611	1,137.6	1,137.6	1,137,611	1,137,611	1,137.6	1,137.6	1,137,611	

LESS THAN 500 TON-MILES.

Excludes Intraterrestrial Traffic

TABLE 4--DOMESTIC TON-MILES COMMODITY BY SERVICE, CALENDAR YEAR 1989
(IN THOUSANDS)

COMMODITY	TOTAL	REGULATED	EXEMPT, FOR HIRE	PRIVATE
TOTAL-----	815,549,935	37,567,010	609,706,726	168,276,199
FARM PRODUCTS				
0101 COTTON, RAW-----	1,003	911	92	-----
0102 BARLEY AND RYE-----	166,157	1,848	159,960	8,349
0103 CORN-----	44,637,724	1,310,232	42,814,874	512,618
0104 OATS-----	341,910	304	335,630	5,976
0105 RICE-----	902,376	86,341	813,779	2,256
0106 SORGHUM GRAINS-----	1,882,759	21,294	1,599,661	261,824
0107 WHEAT-----	13,204,980	353,208	12,125,223	726,549
0111 SOYBEANS-----	12,251,881	184,655	11,381,269	685,977
0119 DULSEEDS, NEC-----	30,208	27,687	10,521	-----
0121 TOBACCO, LEAF-----	1,550	1,427	123	-----
0122 HAY AND FODDER-----	48,244	29,019	19,225	-----
0129 FIELD CROPS, NEC-----	93,985	52,033	41,952	-----
0131 FRESH FRUITS-----	338,028	69,769	268,239	-----
0132 BANANAS AND PLANTAINS-----	25,335	12,853	12,452	-----
0133 COFFEE-----	49,164	39,573	9,591	-----
0134 COCOA BEANS-----	14,787	14,787	-----	-----
0141 FRESH AND FROZEN VEGETABLES-----	520,884	124,211	396,669	4
0151 LIVE ANIMALS-----	15,885	125	15,760	-----
0161 ANIMALS AND PRODUCTS, NEC-----	34,522	11,634	22,688	-----
0191 MISCELLANEOUS FARM PRODUCTS-----	80,938	3,746	77,192	-----
FOREST PRODUCTS				
0841 CRUDE RUBBER AND ALLIED GUMS-----	1,419	50	1,369	-----
0861 FOREST PRODUCTS, NEC-----	33,784	6,032	27,752	-----
FRESH FISH & OTHER MARINE PRODUCTS				
0911 FRESH FISH, EXCEPT SHELLFISH-----	54,152	35,493	14,995	3,664
0912 SHELLFISH, EXCEPT PREPARED-----	61,739	36,401	19,967	8,371
0931 MARINE SMELLS, UNMANUFACTURED-----	330,405	2,197	60,333	276,875
METALLIC ORES				
1011 IRON ORE AND CONCENTRATES-----	39,804,312	2,456,947	35,621,964	1,725,401
1021 COPPER ORE AND CONCENTRATES-----	68,908	-----	68,908	-----
1051 ALUMINUM ORES, CONCENTRATES-----	517,038	115,376	401,662	-----
1061 MANGANESE ORES, CONCENTRATES-----	713,344	503,349	209,995	-----
1091 NONFERROUS ORES, CONCENT, NEC-----	751,325	209,724	541,601	-----
COAL				
1121 COAL AND LIGNITE-----	89,705,823	6,422,450	82,960,890	322,483
CRUDE PETROLEUM				
1311 CRUDE PETROLEUM-----	312,195,902	60,859	215,251,246	96,883,797
NONMETALLIC MINERALS, EXCEPT FUELS				
1411 LIMESTONE-----	11,934,665	1,069,331	8,857,040	2,008,294
1412 BUILDING STONE, UNWORKED-----	14,583	13,195	1,388	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	5,382,830	117,785	3,736,257	1,528,788
1451 CLAY-----	206,570	14,590	173,392	18,588
1471 PHOSPHATE ROCK-----	4,001,700	-----	4,001,700	-----
1479 NATURAL FERTILIZER MATS, NEC-----	3,142	37	3,105	-----
1491 SALT-----	5,486,657	107,441	5,213,482	165,734
1492 SULPHUR, DRY-----	18,893	10	18,883	-----
1493 SULPHUR, LIQUID-----	3,281,166	-----	2,363,976	897,190
1494 GYPSUM, CRUDE AND PLASTER-----	384,500	-----	384,500	-----
1499 NONMETALLIC MINERALS, NEC-----	398,654	101,474	289,966	7,214
ORDNANCE & ACCESSORIES				
1911 ORDNANCE AND ACCESSORIES-----	595	574	21	-----
FOOD & KINDRED PRODUCTS				
2011 MEAT, FRESH, CHILLED, FROZEN-----	590,278	171,200	419,042	36
2012 MEAT AND PRODUCTS, NEC-----	129,572	63,870	65,792	-----
2014 TALLOW, ANIMAL FATS AND OILS-----	139,703	1,758	137,945	-----
2015 ANIMAL BY-PRODUCTS, NEC-----	7,195	3,533	3,862	-----
2021 DAIRY PRODUCTS, NEC-----	104,747	27,290	77,457	-----
2022 DRIED MILK AND CREAM-----	46,012	37,969	8,003	-----
2031 FISH AND SHELLFISH, PREPARED-----	544,012	266,166	249,590	28,256
2034 VEGETABLES AND PREP, NEC-----	454,230	133,582	320,648	-----
2039 PREP FRUIT AND VEG JUICE, NEC-----	761,959	87,104	674,801	54
2041 WHEAT FLOUR AND SEMOLINA-----	41,406	15,039	26,317	-----
2042 ANIMAL FEEDS-----	9,709,559	561,431	8,779,318	368,760
2049 GRAIN MILL PRODUCTS, NEC-----	3,240,205	61,042	2,879,611	307,552
2061 SUGAR-----	3,063,968	444,803	2,618,094	1,071
2062 MOLASSES-----	743,183	-----	732,124	11,059
2081 ALCOHOLIC BEVERAGES-----	751,505	351,731	399,774	-----
2091 VEGETABLE OILS, MARG, SHORT-----	994,761	23,676	831,588	139,537
2092 ANIMAL OILS AND FATS, NEC-----	732	391	134	207
2094 GROCERIES-----	848,798	65,995	782,801	2
2095 ICE-----	2,230	162	2,025	43
2099 MISCELLANEOUS FOOD PRODUCTS-----	1,511,559	275,084	1,231,416	5,059
TOBACCO PRODUCTS				
2111 TOBACCO MANUFACTURES-----	40,030	9,258	30,772	-----

WATER CARRIAGE TON-MILES

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TABLE 4--DOMESTIC TON-MILES COMMODITY BY SERVICE, CALENDAR YEAR 1989--CONTINUED

(IN THOUSANDS)				
COMMODITY	TOTAL	REGULATED	EXEMPT, FOR HIRE	PRIVATE
BASIC TEXTILES				
2211 BASIC TEXTILE PRODUCTS-----	121,383	81,184	40,199	-----
2212 TEXTILE FIBERS, NEC-----	34,371	245	30,287	3,839
APPAREL & OTHER FINISHED TEXTILE PRODUCTS, INCLUDING KNIT				
2311 APPAREL-----	757,470	537,323	220,147	-----
LUMBER & WOOD PRODS., EXC. FURNITURE				
2411 LOGS-----	165,637	34,188	84,011	47,438
2412 RAFTED LOGS-----	523,498	4,301	503,990	15,207
2413 FUEL WOOD, CHARCOAL, WASTES-----	47,084	421	40,062	6,601
2414 TIMBER, POSTS, POLES, PILING-----	37,436	-----	37,140	296
2415 PULPMOOD, LOG-----	400,781	1,069	35,247	364,465
2416 WOOD CHIPS, STAVES, MOLDINGS-----	627,990	1,565	307,588	228,837
2421 LUMBER-----	1,817,919	1,091,472	723,267	3,180
2431 VENEER, PLYWOOD, WORKED WOOD-----	197,740	47,940	149,800	-----
2491 WOOD MANUFACTURES, NEC-----	316,710	10,788	305,462	869
FURNITURE & FIXTURES				
2511 FURNITURE AND FIXTURES-----	406,347	71,877	334,206	264
PULP, PAPER & ALLIED PRODUCTS				
2611 PULP-----	101,955	23,622	78,333	-----
2621 STANDARD NEWSPRINT PAPER-----	109,035	47,827	61,208	-----
2631 PAPER AND PAPERBOARD-----	527,569	267,649	259,920	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	746,082	242,154	503,858	70
PRINTED MATTER				
2711 PRINTED MATTER-----	35,598	4,295	31,303	-----
CHEMICALS & ALLIED PRODUCTS				
2810 SODIUM HYDROXIDE-----	4,670,335	439,997	2,915,227	1,315,111
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	1,015,440	318,329	589,242	107,869
2812 DYES, PIGMENT, TANNING MATS-----	651	-----	177	-----
2815 ALCOHOLS-----	4,723,538	871,668	3,142,051	709,819
2816 RADIOACTIVE MATERIALS, WASTES-----	1,163	231	932	-----
2817 BENZENE AND TOLUENE-----	2,169,870	236,729	1,404,904	528,237
2818 SULPHURIC ACID-----	346,570	72,801	44,278	229,491
2819 BASIC CHEMICALS AND PROD. NEC-----	20,918,336	2,030,145	16,563,333	2,324,858
2821 PLASTIC MATERIALS-----	213,665	119,390	94,275	-----
2822 SYNTHETIC RUBBER-----	26,707	15,366	11,341	-----
2823 SYNTHETIC (MAN-MADE) FIBERS-----	1,326	282	1,064	-----
2831 DRUGS-----	104,341	16,167	86,174	-----
2841 SOAP-----	252,551	141,891	110,660	-----
2851 PAINTS-----	86,201	19,215	68,986	-----
2861 GUM AND WOOD CHEMICALS-----	532,507	4,585	527,667	255
2871 NITROGENOUS CHEM FERTILIZERS-----	5,031,570	199,735	4,807,206	24,629
2872 POTASSIUM CHEM FERTILIZERS-----	1,047,993	143,133	904,960	-----
2873 PHOSPHATIC CHEM FERTILIZERS-----	545,006	32,525	442,258	70,225
2876 INSECTICIDES, DISINFECTANTS-----	15,175	3,934	11,241	-----
2879 FERTILIZER AND MATERIALS, NEC-----	4,953,398	457,350	3,477,332	1,018,708
2891 MISCELLANEOUS CHEMICAL PROD-----	762,231	36,781	175,532	549,919
PETROLEUM & COAL PRODUCTS				
2911 GASOLINE-----	50,770,675	1,069,264	32,460,249	17,241,162
2912 JET FUEL-----	10,816,565	153,945	6,080,304	4,582,316
2913 KEROSENE-----	836,067	60,486	424,187	351,414
2914 DISTILLATE FUEL OIL-----	31,237,602	762,855	19,526,639	10,948,108
2915 RESIDUAL FUEL OIL-----	40,474,512	1,287,377	27,520,370	11,666,765
2916 LUBRICATING OILS AND GREASES-----	8,400,244	510,347	3,302,651	4,586,246
2917 NAPHTHA, PETROLEUM SOLVENTS-----	4,407,665	162,428	2,575,094	1,670,143
2918 ASPHALT, TAR, AND PITCHES-----	4,905,726	461,258	4,110,273	334,195
2920 COKE, PETROLEUM COKE-----	5,206,961	1,594,768	3,586,412	25,781
2921 LIQUEFIED GASES-----	512,660	1,331	84,806	426,523
2951 ASPHALT BUILDING MATERIALS-----	84,579	31,141	53,438	-----
2991 PETROLEUM AND COAL PROD. NEC-----	1,437,567	279,763	1,093,143	64,661
RUBBER & MISC. PLASTIC PRODUCTS				
3011 RUBBER AND MISC PLASTIC PROD-----	230,777	75,842	154,304	631
LEATHER & LEATHER PRODUCTS				
3111 LEATHER AND LEATHER PRODUCTS-----	61,263	28,764	32,499	-----
STONE, CLAY, GLASS, & CONCRETE PROD.				
3211 GLASS AND GLASS PRODUCTS-----	71,461	31,469	39,992	-----
3241 BUILDING CEMENT-----	4,044,906	33,852	2,741,602	1,269,452
3251 STRUCTURAL CLAY PRODUCTS-----	84,366	45,348	39,014	4
3271 LIME-----	850,212	1,369	644,537	204,306
3281 CUT STONE AND STONE PRODUCTS-----	21,637	12,131	9,486	-----
3291 MISC NONMETALLIC MINERAL PROD-----	410,216	19,745	379,066	11,405
PRIMARY METAL PRODUCTS				
3311 PIG IRON-----	519,941	240,927	297,990	1,024
3312 SLAB-----	835,009	239,112	474,191	121,706
3313 COKE, PET ASPHALTS, SOLVENTS-----	40	-----	40	-----
3314 IRON AND STEEL PRIMARY FORMS-----	2,210,042	1,264,012	946,030	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	1,744,890	273,155	1,470,100	1,635

TABLE 4--DOMESTIC TON-MILES COMMODITY BY SERVICE, CALENDAR YEAR 1989--CONTINUED

(IN THOUSANDS)				
COMMODITY	TOTAL	REGULATED	EXEMPT, FOR HIRE	PRIVATE
PRIMARY METAL PRODUCTS (CONTINUED)				
3316 IRON AND STEEL PLATES, SHEETS-----	482,911	176,312	306,593	6
3317 IRON AND STEEL PIPE AND TUBE-----	512,592	138,782	370,306	3,500
3318 FERROALLOYS-----	1,309,257	642,802	666,455	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	801,650	708,564	133,086	-----
3321 NONFERROUS METALS, NEC-----	46,013	37,958	8,055	-----
3322 COPPER ALLOYS, UNWORKED-----	31,580	22,028	9,552	-----
3323 LEAD AND ZINC, UNWORKED-----	24,925	14,607	10,278	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	55,499	18,726	36,773	-----
FABRICATED METAL PRODUCTS, EXCEPT ORDNANCE, MACHINERY, & TRANS. EQUIP.				
3411 FABRICATED METAL PRODUCTS-----	1,479,887	320,043	1,156,827	3,017
MACHINERY, EXCEPT ELECTRICAL				
3511 MACHINERY, EXCEPT ELECTRICAL-----	497,861	159,701	332,575	5,585
ELECTRICAL MACHINERY, EQUIPMENT & SUPPLIES				
3611 ELECTRICAL MACH AND EQUIP-----	217,371	52,842	164,525	4
TRANSPORTATION EQUIPMENT				
3711 MOTOR VEHICLES, PARTS, EQUIP-----	830,679	192,860	636,992	827
3721 AIRCRAFT AND PARTS-----	1,342	1,045	347	-----
3731 SHIPS AND BOATS-----	13,932	2,080	11,779	73
3791 MISC TRANSPORTATION EQUIPMENT-----	52,979	2,889	50,262	28
INSTRUMENTS, PHOTOGRAPHIC & OPTICAL GOODS, WATCHES & CLOCKS				
3811 INSTR. TIME, PHOTO, OPT GOODS-----	61,431	24,085	37,346	-----
MISC. PRODUCTS OF MANUFACTURING				
3911 MISC MANUFACTURED PRODUCTS-----	320,466	43,317	273,182	3,967
WASTE & SCRAP MATERIALS				
4011 IRON AND STEEL SCRAP-----	2,571,492	300,857	2,226,524	4,111
4012 NONFERROUS METAL SCRAP-----	36,869	8,186	28,672	11
4022 TEXTILE WASTE, SCRAP, SWEEP-----	13,142	5,646	7,496	-----
4024 PAPER WASTE AND SCRAP-----	41,841	41,598	243	-----
4029 WASTE AND SCRAP, NEC-----	1,077,970	62,202	797,630	218,138
SPECIAL ITEMS				
4111 WATER-----	36,264	192	26,102	9,970
4112 COMMODITIES, NEC-----	6,556,961	2,056,337	4,468,517	32,107

WATER CARRIAGE TON-MILES

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TABLE 5--DOMESTIC TON-MILES COMMODITY BY TYPE OF TRAFFIC, CALENDAR YEAR 1989
(IN THOUSANDS)

COMMODITY	TOTAL	COASTWISE	LAKEWISE	INTERNAL	LOCAL
TOTAL	815,549,935	483,888,605	58,307,596	272,157,415	1,196,319
FARM PRODUCTS					
0101 COTTON, RAW	1,003	1,003			
0102 BARLEY AND RYE	166,157	112		166,045	
0103 CORN	44,637,724	296,355		44,335,259	6,110
0104 OATS	341,910	7,309		334,514	87
0105 RICE	902,376	278,878		623,498	
0106 SORGHUM GRAINS	1,882,759	10,742		1,871,981	36
0107 WHEAT	13,204,980	207,809	1,073,937	11,914,545	8,689
0111 SOYBEANS	12,251,881	4,379		12,241,537	6,465
0119 OILSEEDS, NEC	36,208	7,651		30,557	
0121 TOBACCO, LEAF	1,550	1,550			
0122 HAY AND FODDER	48,244	36,108		12,136	
0129 FIELD CROPS, NEC	93,985	34,318		59,666	601
0131 FRESH FRUITS	338,028	338,011	17		
0132 BANANAS AND PLANTAINS	25,335	25,335			
0133 COFFEE	49,164	49,164			
0134 COCOA BEANS	14,787	14,787			
0141 FRESH AND FROZEN VEGETABLES	520,884	513,194	125	7,565	
0151 LIVE ANIMALS	15,885	15,881		4	
0161 ANIMALS AND PRODUCTS, NEC	34,522	34,421		101	
0191 MISCELLANEOUS FARM PRODUCTS	60,938	78,644		2,294	
FOREST PRODUCTS					
0801 CRUDE RUBBER AND ALLIED GUMS	1,419	1,416		3	
0861 FOREST PRODUCTS, NEC	33,784	30,124		3,660	
FRESH FISH & OTHER MARINE PRODUCTS					
0911 FRESH FISH, EXCEPT SHELLFISH	54,152	48,675	1	5,472	4
0912 SHELLFISH, EXCEPT PREPARED	61,739	50,116		11,590	33
0931 MARINE SHELLS, UNMANUFACTURED	339,405	2,245		335,437	1,723
METALLIC ORES					
1011 IRON ORE AND CONCENTRATES	39,804,312		36,335,031	3,469,241	40
1021 COPPER ORE AND CONCENTRATES	68,908			68,908	
1051 ALUMINUM ORES, CONCENTRATES	517,038			517,038	
1061 MANGANESE ORES, CONCENTRATES	713,344			711,020	2,324
1091 NONFERROUS ORES, CONCENT, NEC	751,325	11,026		740,220	79
COAL					
1121 COAL AND LIGNITE	89,705,823	6,743,147	10,630,769	72,274,744	57,163
CRUDE PETROLEUM					
1311 CRUDE PETROLEUM	312,195,902	306,985,185		5,140,659	70,058
NONMETALLIC MINERALS, EXCEPT FUELS					
1411 LIMESTONE	11,934,665	7,572	7,423,529	4,502,178	1,386
1412 BUILDING STONE, UNWORKED	14,583	13,195		1,388	
1442 SAND, GRAVEL, CRUSHED ROCK	5,382,830	403,642	230,471	4,618,610	130,107
1451 CLAY	206,570	10,480	1,036	192,415	2,639
1471 PHOSPHATE ROCK	4,001,700	4,001,700			
1479 NATURAL FERTILIZER MATS, NEC	3,142	1,719		1,423	
1491 SALT	5,486,657	239,648	344,667	4,902,099	243
1492 SULPHUR, DRY	18,893	18,893			
1493 SULPHUR, LIQUID	3,261,166	2,946,064		311,766	3,336
1494 GYPSUM, CRUDE AND PLASTERS	384,590	33,697	298,601	52,332	
1499 NONMETALLIC MINERALS, NEC	398,650	15,715	1	379,479	3,459
ORDNANCE & ACCESSORIES					
1911 ORDNANCE AND ACCESSORIES	595	595			
FOOD & KINDRED PRODUCTS					
2011 MEAT, FRESH, CHILLED, FROZEN	590,278	590,211	63	4	
2012 MEAT AND PRODUCTS, NEC	129,572	129,565		7	
2014 TALLOW, ANIMAL FATS AND OILS	139,703	18,564		120,575	264
2015 ANIMAL BY-PRODUCTS, NEC	7,195	3,956		3,239	
2021 DAIRY PRODUCTS, NEC	104,747	104,746	1		
2022 DRIED MILK AND CREAM	46,012	46,012			
2031 FISH AND SHELLFISH, PREPARED	504,012	539,112		4,900	
2034 VEGETABLES AND PREP, NEC	454,230	447,425	54	6,751	
2039 PREP FRUIT AND VEG JUICE, NEC	761,959	761,948		11	
2041 WHEAT FLOUR AND SEMOLINA	41,406	39,668		1,738	
2042 ANIMAL FEEDS	9,709,559	417,440	1,032	9,281,046	9,239
2049 GRAIN MILL PRODUCTS, NEC	3,248,205	92,784		3,153,976	1,445
2061 SUGAR	3,063,968	2,790,452		272,831	685
2062 MOLASSES	743,183	348,153		394,826	204
2081 ALCOHOLIC BEVERAGES	751,505	751,253	1	251	
2091 VEGETABLE OILS, MARG, SHORT	994,761	160,301		833,703	757
2092 ANIMAL OILS AND FATS, NEC	732	525			207
2094 GROCERIES	648,798	847,477	6	1,315	
2095 ICE	2,230	159	3	2,063	5
2099 MISCELLANEOUS FOOD PRODUCTS	1,511,559	1,496,732	41	14,786	
TOBACCO PRODUCTS					
2111 TOBACCO MANUFACTURES	40,030	40,030			

TABLE 5--DOMESTIC TON-MILES COMMODITY BY TYPE OF TRAFFIC, CALENDAR YEAR 1989--CONTINUED
(IN THOUSANDS)

COMMODITY	TOTAL	COASTWISE	LAKEWISE	INTERNAL	LOCAL
BASIC TEXTILES					
2211 BASIC TEXTILE PRODUCTS-----	121,383	90,273		31,110	
2212 TEXTILE FIBERS, NEC-----	34,371	32,928		1,443	
APPAREL & OTHER FINISHED TEXTILE PRODUCTS, INCLUDING KNIT					
2311 APPAREL-----	757,470	757,454		16	
LUMBER & WOOD PRODS., EXC. FURNITURE					
2411 LOGS-----	165,637	20,294		145,343	
2412 RAFTED LOGS-----	923,498	21,133		466,625	35,740
2413 FUEL WOOD, CHARCOAL, WASTES-----	47,084	30,164		15,920	
2414 TIMBER, POSTS, POLES, PILING-----	37,436	17,451		19,985	
2415 PULPWOOD, LOG-----	400,781	5,515		395,265	
2416 WOOD CHIPS, STAVES, MOLDINGS-----	627,990	564		627,426	242
2421 LUMBER-----	1,817,919	1,756,274	1,429	50,216	
2431 VENEER, PLYWOOD, WORKED WOOD-----	197,740	173,169	217	24,354	
2491 WOOD MANUFACTURES, NEC-----	316,719	316,312	33	374	
FURNITURE & FIXTURES					
2511 FURNITURE AND FIXTURES-----	406,347	405,918	237	192	
PULP, PAPER & ALLIED PRODUCTS					
2611 PULP-----	101,955	52,159	28	49,560	208
2621 STANDARD NEWSPRINT PAPER-----	109,035	52,421	4,679	51,935	
2631 PAPER AND PAPERBOARD-----	527,569	306,410	3,023	218,136	
2691 PULP AND PAPER PRODUCTS, NEC-----	746,082	658,829		87,253	15
PRINTED MATTER					
2711 PRINTED MATTER-----	35,598	35,598			
CHEMICALS & ALLIED PRODUCTS					
2810 SODIUM HYDROXIDE-----	4,670,335	2,452,155		2,218,170	5,010
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	1,015,440	90,748	10,127	911,737	2,828
2812 DYES, PIGMENT, TANNING MATS-----	651	651			
2813 ALCOHOLS-----	4,723,538	1,520,983		3,195,409	7,147
2816 RADIOACTIVE MATERIALS, WASTES-----	1,163	1,163			
2817 BENZENE AND TOLUENE-----	2,169,870	1,007,600		1,135,443	26,827
2818 SULPHURIC ACID-----	346,570	46,155		296,535	3,880
2819 BASIC CHEMICALS AND PROD., NEC-----	20,918,336	7,238,986	81,922	13,577,421	20,007
2821 PLASTIC MATERIALS-----	213,665	201,812	5	11,848	
2822 SYNTHETIC RUBBER-----	26,707	15,366		11,341	
2823 SYNTHETIC (MAN-MADE) FIBERS-----	1,326	1,325			
2831 DRUGS-----	104,341	98,075		6,266	
2841 SOAP-----	252,551	252,158		396	5
2851 PAINTS-----	88,204	85,189		12	
2861 GUM AND WOOD CHEMICALS-----	532,507	455,890	151	75,336	1,129
2871 NITROGENOUS CHEM. FERTILIZERS-----	5,031,570	1,308,945	3,236	3,718,488	881
2872 POTASSIUM CHEM. FERTILIZERS-----	1,047,993	127,911	1	919,145	1,036
2873 PHOSPHATIC CHEM. FERTILIZERS-----	545,006	137,996		405,394	1,616
2876 INSECTICIDES, DISINFECTANTS-----	15,175	14,572		603	
2879 FERTILIZER AND MATERIALS, NEC-----	4,953,398	900,114	98	4,045,662	7,524
2891 MISCELLANEOUS CHEMICAL PROD-----	782,231	590,686		191,473	70
PETROLEUM & COAL PRODUCTS					
2911 GASOLINE-----	50,779,675	39,847,294	207,312	10,579,151	136,918
2912 JET FUEL-----	10,816,565	8,995,458	17,180	1,799,574	7,353
2913 KEROSENE-----	836,087	586,985	605	243,882	4,695
2914 DISTILLATE FUEL OIL-----	31,237,602	25,516,517	89,400	5,632,709	166,176
2915 RESIDUAL FUEL OIL-----	40,874,512	31,372,316	70,501	8,811,961	219,734
2916 LUBRICATING OILS AND GREASES-----	8,499,244	6,487,552	1,257	1,999,971	14,464
2917 NAPHTHA, PETROLEUM SOLVENTS-----	4,407,665	2,510,271		1,882,899	14,495
2918 ASPHALT, TAR, AND BITUMENS-----	4,905,726	1,554,056	170,977	3,170,013	10,680
2920 COKE, PETROLEUM COKE-----	5,206,941	164,542	67,357	4,941,202	33,860
2921 LIQUEFIED GASES-----	512,660	164,470	32	348,106	52
2951 ASPHALT BUILDING MATERIALS-----	84,579	84,564		15	
2991 PETROLEUM AND COAL PROD., NEC-----	1,437,567	925,870	33	507,148	4,516
RUBBER & MISC. PLASTIC PRODUCTS					
3011 RUBBER AND MISC. PLASTIC PROD-----	230,777	225,415	882	4,480	
LEATHER & LEATHER PRODUCTS					
3111 LEATHER AND LEATHER PRODUCTS-----	61,263	61,263			
STONE, CLAY, GLASS, & CONCRETE PROD.					
3211 GLASS AND GLASS PRODUCTS-----	71,461	70,570		891	
3241 BUILDING CEMENT-----	4,044,946	571,577	1,004,222	2,459,630	9,517
3251 STRUCTURAL CLAY PRODUCTS-----	84,366	72,893		11,473	
3271 LIME-----	850,212	384		849,828	
3281 CUT STONE AND STONE PRODUCTS-----	21,637	21,637			
3291 MISC. NONMETALLIC MINERAL PROD-----	410,216	338,658	28	71,530	
PRIMARY METAL PRODUCTS					
3311 PIG IRON-----	539,941	84		539,095	762
3312 SLAG-----	835,009	26,115	226,629	582,265	
3313 COKE, PET ASPHALTS, SOLVENTS-----	90	80			
3314 IRON AND STEEL PRIMARY FORMS-----	2,210,042	18,729	569	2,190,681	63
3315 IRON, STEEL SHAPES, EXC. SHEET-----	1,744,890	110,923	3	1,633,911	53

TABLE 5--DOMESTIC TON-MILES COMMODITY BY TYPE OF TRAFFIC, CALENDAR YEAR 1989--CONTINUED
(IN THOUSANDS)

COMMODITY	TOTAL	COASTWISE	LAKEWISE	INTERNAL	LOCAL
PRIMARY METAL PRODUCTS (CONTINUED)					
3316 IRON AND STEEL PLATES, SHEETS-----	482,911	115,574	88	366,918	231
3317 IRON AND STEEL PIPE AND TUBE-----	512,592	106,196	28	405,962	408
3318 FERROALLOYS-----	1,309,257	12,800	-----	1,296,567	90
3319 IRON AND STEEL PRODUCTS, NEC-----	841,650	56,698	1,163	783,783	6
3321 NONFERROUS METALS, NEC-----	46,013	3,213	-----	42,800	-----
3322 COPPER ALLOYS, UNWORKED-----	31,580	10,092	-----	21,486	2
3323 LEAD AND ZINC, UNWORKED-----	24,925	2,495	-----	21,372	1,148
3324 ALUMINUM AND ALLOYS, UNWORKED-----	55,499	41,364	-----	14,135	-----
FABRICATED METAL PRODUCTS, EXCEPT ORDNANCE, MACHINERY, & TRANS. EQUIP.					
3411 FABRICATED METAL PRODUCTS-----	1,479,887	808,132	4	671,728	23
MACHINERY, EXCEPT ELECTRICAL					
3511 MACHINERY, EXCEPT ELECTRICAL-----	497,861	365,969	22	131,558	312
ELECTRICAL MACHINERY, EQUIPMENT & SUPPLIES					
3611 ELECTRICAL MACH AND EQUIP-----	217,371	210,902	3	6,465	-----
TRANSPORTATION EQUIPMENT					
3711 MOTOR VEHICLES, PARTS, EQUIP-----	830,679	826,043	-----	4,636	-----
3721 AIRCRAFT AND PARTS-----	1,392	1,309	-----	83	-----
3731 SHIPS AND BOATS-----	13,932	12,316	-----	1,516	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	52,979	52,463	-----	516	-----
INSTRUMENTS, PHOTOGRAPHIC & OPTICAL GOODS, WATCHES & CLOCKS					
3811 INSTR, TIME, PHOTO, OPT GOODS-----	61,431	61,429	-----	2	-----
MISC. PRODUCTS OF MANUFACTURING					
3911 MISC MANUFACTURED PRODUCTS-----	320,466	289,887	-----	30,579	-----
WASTE & SCRAP MATERIALS					
4011 IRON AND STEEL SCRAP-----	2,571,492	87,749	217	2,477,454	6,072
4012 NONFERROUS METAL SCRAP-----	36,869	17,254	5,131	14,484	-----
4022 TEXTILE WASTE, SCRAP, SWEEP-----	13,142	13,100	-----	2	-----
4024 PAPER WASTE AND SCRAP-----	41,841	41,841	-----	-----	-----
4029 WASTE AND SCRAP, NEC-----	1,077,970	72,303	10	863,069	142,588
SPECIAL ITEMS					
4111 WATER-----	36,264	1,302	-----	34,422	540
4112 COMMODITIES, NEC-----	6,556,961	6,524,792	371	31,785	13

TABLE 6--REGULATED TON-MILES COMMODITY BY TYPE OF TRAFFIC, CALENDAR YEAR 1989

COMMODITY		(IN THOUSANDS)				
		TOTAL	COASTWISE	LAKEWISE	INTERNAL	LOCAL
TOTAL-----		37,567,010	11,510,111	137,803	25,899,116	19,978
FARM PRODUCTS						
0101 COTTON, RAW-----		911	911			
0102 BARLEY AND RYE-----		1,848	112		1,736	
0103 CORN-----		1,310,232	71,317		1,238,915	
0104 OATS-----		304	304			
0105 RICE-----		86,341	85,804		537	
0106 SORGHUM GRAINS-----		21,294	10,742		10,552	
0107 WHEAT-----		353,208	75,742		277,466	
0111 SOYBEANS-----		184,655	1,573		183,082	
0119 OILSEEDS, NEC-----		27,687	5,368		22,319	
0121 TOBACCO, LEAF-----		1,427	1,427			
0122 HAY AND FODDER-----		29,019	29,019			
0129 FIELD CROPS, NEC-----		52,033	1,209		50,734	
0131 FRESH FRUITS-----		69,772	69,772	17		
0132 BANANAS AND PLANTAINS-----		12,883	12,883			
0133 COFFEE-----		39,573	39,573			
0134 COCOA BEANS-----		14,787	14,787			
0141 FRESH AND FROZEN VEGETABLES-----		124,211	124,066	125		
0151 LIVE ANIMALS-----		125	125			
0161 ANIMALS AND PRODUCTS, NEC-----		11,834	11,834			
0191 MISCELLANEOUS FARM PRODUCTS-----		3,746	3,746			
FOREST PRODUCTS						
0841 CRUDE RUBBER AND ALLIED GUMS-----		50	50			
0861 FOREST PRODUCTS, NEC-----		6,032	6,032			
FRESH FISH & OTHER MARINE PRODUCTS						
0911 FRESH FISH, EXCEPT SHELLFISH-----		35,493	35,493			
0912 SHELLFISH, EXCEPT PREPARED-----		38,401	38,401			
0931 MARINE SHELLS, UNMANUFACTURED-----		2,197	2,197			
METALLIC ORES						
1011 IRON ORE AND CONCENTRATES-----		2,456,947		109,136	2,347,803	8
1051 ALUMINUM ORES, CONCENTRATES-----		115,376			115,376	
1061 MANGANESE ORES, CONCENTRATES-----		503,349			501,052	2,297
1091 NONFERROUS ORES, CONCENT, NEC-----		209,720	356		209,368	
COAL						
1121 COAL AND LIGNITE-----		6,422,450	364,972		6,057,473	5
CRUDE PETROLEUM						
1311 CRUDE PETROLEUM-----		60,859	25		60,505	329
NONMETALLIC MINERALS, EXCEPT FUELS						
1411 LIMESTONE-----		1,069,331	1,557	11,103	1,056,671	
1412 BUILDING STONE, UNWORKED-----		13,195	13,195			
1442 SAND, GRAVEL, CRUSHED ROCK-----		117,785	10,690	244	106,851	
1451 CLAY-----		14,590	7,429	1,028	6,133	
1479 NATURAL FERTILIZER MATS, NEC-----		37	37			
1491 SALT-----		107,441	106,182	279	980	
1492 SULPHUR, DRY-----		10	10			
1499 NONMETALLIC MINERALS, NEC-----		101,474	5,236		96,238	
ORDNANCE & ACCESSORIES						
1911 ORDNANCE AND ACCESSORIES-----		574	574			
FOOD & KINDRED PRODUCTS						
2011 MEAT, FRESH, CHILLED, FROZEN-----		171,200	171,137	63		
2012 MEAT AND PRODUCTS, NEC-----		63,870	63,870			
2014 TALLOW, ANIMAL FATS AND OILS-----		1,758	1,758			
2015 ANIMAL BY-PRODUCTS, NEC-----		3,333	3,333			
2021 DAIRY PRODUCTS, NEC-----		27,290	27,290			
2022 DRIED MILK AND CREAM-----		37,969	37,969			
2031 FISH AND SHELLFISH, PREPARED-----		266,166	266,166			
2034 VEGETABLES AND PREP, NEC-----		133,582	133,528	54		
2039 PREP FRUIT AND VEG JUICE, NEC-----		87,104	87,104			
2041 WHEAT FLOUR AND SEMOLINA-----		15,089	15,089			
2042 ANIMAL FEEDS-----		561,481	207,348	1,032	353,101	
2049 GRAIN MILL PRODUCTS, NEC-----		61,042	52,754		8,288	
2061 SUGAR-----		444,803	386,880		57,923	
2081 ALCOHOLIC BEVERAGES-----		351,731	351,731			
2091 VEGETABLE OILS, MARG, SHORT-----		23,676	23,676			
2092 ANIMAL OILS AND FATS, NEC-----		391	391			
2094 GROCERIES-----		65,995	65,990	5		
2095 ICE-----		162	159	3		
2099 MISCELLANEOUS FOOD PRODUCTS-----		275,084	275,044	40		
TOBACCO PRODUCTS						
2111 TOBACCO MANUFACTURES-----		9,258	9,258			
BASIC TEXTILES						
2211 BASIC TEXTILE PRODUCTS-----		81,184	60,140		21,044	
2212 TEXTILE FIBERS, NEC-----		245	245			

WATER CARRIAGE TON-MILES

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TABLE 6--REGULATED TON-MILES COMMODITY BY TYPE OF TRAFFIC, CALENDAR YEAR 1989--CONTINUED
(IN THOUSANDS)

COMMODITY	TOTAL	COASTWISE	LAKEWISE	INTERNAL	LOCAL
APPAREL & OTHER FINISHED TEXTILE PRODUCTS, INCLUDING KNIT					
2311 APPAREL-----	537,323	537,323			
LUMBER & WOOD PRODS., EXCL. FURNITURE					
2411 LOGS-----	34,188	19,354		14,834	
2412 RAFTED LOGS-----	4,301			4,301	
2413 FUEL WOOD, CHARCOAL, WASTES-----	421	421			
2415 PULPWOOD, LOG-----	1,069	1,069			
2416 WOOD CHIPS, STAVES, HOLDINGS-----	1,565	518		1,047	
2421 LUMBER-----	1,091,472	1,062,669	1,427	27,376	
2431 VENEER, PLYWOOD, WORKED WOOD-----	47,940	47,723	217		
2491 WOOD MANUFACTURES, NEC-----	10,788	10,756	32		
FURNITURE & FIXTURES					
2511 FURNITURE AND FIXTURES-----	71,677	71,640	237		
PULP, PAPER & ALLIED PRODUCTS					
2611 PULP-----	23,622	2,517	28	20,869	208
2621 STANDARD NEWSPRINT PAPER-----	47,827	43,148	4,679		
2631 PAPER AND PAPERBOARD-----	267,649	163,574	3,023	101,052	
2691 PULP AND PAPER PRODUCTS, NEC-----	242,154	210,113		32,032	9
PRINTED MATTER					
2711 PRINTED MATTER-----	4,295	4,295			
CHEMICALS & ALLIED PRODUCTS					
2810 SODIUM HYDROXIDE-----	439,997	172,847		265,168	1,982
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	318,329	3,717		314,420	192
2812 DYES, PIGMENT, TANNING MATS-----	474	474			
2813 ALCOHOLS-----	871,668	34,656		836,985	129
2816 RADIOACTIVE MATERIALS, WASTES-----	231	231			
2817 BENZENE AND TOLUENE-----	236,729	18,519		215,084	3,126
2818 SULPHURIC ACID-----	72,801	161		71,504	1,136
2819 BASIC CHEMICALS AND PROD, NEC-----	2,030,145	589,823	1,010	1,437,991	1,321
2821 PLASTIC MATERIALS-----	119,390	115,786	5	3,597	
2822 SYNTHETIC RUBBER-----	15,366	15,366			
2823 SYNTHETIC (MAN-MADE) FIBERS-----	242	242			
2831 DRUGS-----	18,167	18,167			
2841 SOAP-----	141,891	141,891			
2851 PAINTS-----	19,215	19,215			
2861 GUM AND WOOD CHEMICALS-----	4,585	4,434	151		
2871 NITROGENOUS CHEM FERTILIZERS-----	190,735	141,920		57,815	
2872 POTASSIC CHEM FERTILIZERS-----	143,133	70,194	1	72,938	
2873 PHOSPHATIC CHEM FERTILIZERS-----	32,525	31,993		532	
2876 INSECTICIDES, DISINFECTANTS-----	3,934	3,934			
2879 FERTILIZER AND MATERIALS, NEC-----	457,358	91,991	98	365,058	211
2891 MISCELLANEOUS CHEMICAL PROD-----	36,781	18,621		18,160	
PETROLEUM & COAL PRODUCTS					
2911 GASOLINE-----	1,069,264	192,880	17	875,258	1,109
2912 JET FUEL-----	153,945	96,385		57,523	37
2913 KEROSENE-----	60,466	33		60,433	
2914 DISTILLATE FUEL OIL-----	762,655	178,202	12	584,641	
2915 RESIDUAL FUEL OIL-----	1,287,377	21,458		1,261,509	4,410
2916 LUBRICATING OILS AND GREASES-----	510,347	478,215		32,109	23
2917 NAPHTHA, PETROLEUM SOLVENTS-----	162,428	5,948		156,103	377
2918 ASPHALT, TAR, AND PITCHES-----	461,258	137,839	4	323,415	
2920 COKE, PETROLEUM COKE-----	1,594,768	140	955	1,593,526	147
2921 LIQUEFIED GASES-----	1,331	1,327	4		
2951 ASPHALT BUILDING MATERIALS-----	31,141	31,141			
2991 PETROLEUM AND COAL PROD, NEC-----	279,763	240,194		39,543	26
RUBBER & MISC. PLASTIC PRODUCTS					
3011 RUBBER AND MISC PLASTIC PROD-----	75,842	74,892	882	68	
LEATHER & LEATHER PRODUCTS					
3111 LEATHER AND LEATHER PRODUCTS-----	28,764	28,764			
STONE, CLAY, GLASS, & CONCRETE PROD.					
3211 GLASS AND GLASS PRODUCTS-----	31,469	31,469			
3241 BUILDING CEMENT-----	33,852	4,570	25	29,257	
3251 STRUCTURAL CLAY PRODUCTS-----	45,348	45,348			
3271 LIME-----	1,369			1,369	
3281 CUT STONE AND STONE PRODUCTS-----	12,151	12,151			
3291 MISC. NONMETALLIC MINERAL PROD-----	19,745	17,056	28	2,661	
PRIMARY METAL PRODUCTS					
3311 PIG IRON-----	240,927	84		240,081	762
3312 SLAG-----	239,112		3	239,109	
3314 IRON AND STEEL PRIMARY FORMS-----	1,264,012	17,992	518	1,245,453	49
3315 IRON, STEEL SHAPES, EXC SHEET-----	273,155	65,737	1	207,383	34
3316 IRON AND STEEL PLATES, SHEETS-----	176,312	3,892	62	172,135	223
3317 IRON AND STEEL PIPE AND TUBE-----	138,782	22,938	28	115,480	336
3318 FERROALLOYS-----	642,802	12,600		630,112	90
3319 IRON AND STEEL PRODUCTS, NEC-----	708,564	5,647	1,138	701,779	
3321 NONFERROUS METALS, NEC-----	37,958	1,342		36,615	
3322 COPPER ALLOYS, UNWORKED-----	22,028	8,209		13,817	2
3323 LEAD AND ZINC, UNWORKED-----	14,647	1,700		11,799	1,148

TABLE 5--REGULATED TON-MILES COMMODITY BY TYPE OF TRAFFIC, CALENDAR YEAR 1989--CONTINUED
(IN THOUSANDS)

COMMODITY	TOTAL	COASTWISE	LAKEWISE	INTERNAL	LOCAL
PRIMARY METAL PRODUCTS (CONTINUED)					
3324 ALUMINUM AND ALLOYS, UNWORKED-----	18,726	18,086	-----	640	-----
FABRICATED METAL PRODUCTS, EXCEPT ORDNANCE, MACHINERY, & TRANS. EQUIP.					
3411 FABRICATED METAL PRODUCTS-----	320,043	139,811	2	180,230	-----
MACHINERY, EXCEPT ELECTRICAL					
3511 MACHINERY, EXCEPT ELECTRICAL-----	159,701	115,374	11	44,088	228
ELECTRICAL MACHINERY, EQUIPMENT & SUPPLIES					
3611 ELECTRICAL MACH AND EQUIP-----	52,842	52,705	3	134	-----
TRANSPORTATION EQUIPMENT					
3711 MOTOR VEHICLES, PARTS, EQUIP-----	192,860	192,845	-----	15	-----
3721 AIRCRAFT AND PARTS-----	1,045	965	-----	80	-----
3731 SHIPS AND BOATS-----	2,080	841	-----	1,239	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	2,689	2,685	-----	4	-----
INSTRUMENTS, PHOTOGRAPHIC & OPTICAL GOODS, WATCHES & CLOCKS					
3811 INSTR, TIME, PHOTO, OPT GOODS-----	24,085	24,085	-----	-----	-----
MISC. PRODUCTS OF MANUFACTURING					
3911 MISC MANUFACTURED PRODUCTS-----	43,317	43,314	-----	3	-----
WASTE & SCRAP MATERIALS					
4011 IRON AND STEEL SCRAP-----	340,857	11,457	4	329,372	24
4012 NONFERROUS METAL SCRAP-----	8,186	6,476	-----	1,710	-----
4022 TEXTILE WASTE, SCRAP, SWEEP-----	5,646	5,646	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	41,598	41,598	-----	-----	-----
4029 WASTE AND SCRAP, NEC-----	62,202	565	10	61,627	-----
SPECIAL ITEMS					
4111 WATER-----	192	-----	-----	192	-----
4112 COMMODITIES, NEC-----	2,056,337	2,052,481	59	3,797	-----

WATER CARRIAGE TON-MILES

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TABLE 7--EXEMPT, FOR HIRE TON-MILES COMMODITY BY TYPE OF TRAFFIC, CALENDAR YEAR 1989

(IN THOUSANDS)

COMMODITY	TOTAL	COASTWISE	LAKEWISE	INTERNAL	LOCAL
TOTAL-----	609,706,726	326,523,616	55,031,220	227,287,320	864,566
FARM PRODUCTS					
0101 COTTON, RAW-----	92	92			
0102 BARLEY AND RYE-----	159,960			159,960	
0103 CORN-----	42,614,874	225,036		42,583,726	6,110
0104 OATS-----	335,630	7,005		328,538	87
0105 RICE-----	613,779	193,074		620,705	
0106 SORGHUM GRAINS-----	1,599,641			1,599,605	36
0107 WHEAT-----	12,125,223	132,067	1,073,937	10,910,530	8,689
0111 SOYBEANS-----	11,381,249	2,806		11,371,978	6,465
0119 OILSEEDS, NEC-----	10,521	2,283		8,238	
0121 TOBACCO, LEAF-----	123	123			
0122 HAY AND FODDER-----	19,225	7,089		12,136	
0129 FIELD CROPS, NEC-----	41,952	33,019		8,332	601
0131 FRESH FRUITS-----	268,239	268,239			
0132 BANANAS AND PLANTAINS-----	12,452	12,452			
0133 COFFEE-----	9,591	9,591			
0141 FRESH AND FROZEN VEGETABLES-----	396,669	389,108		7,561	
0151 LIVE ANIMALS-----	15,760	15,756		4	
0161 ANIMALS AND PRODUCTS, NEC-----	22,688	22,587		101	
0191 MISCELLANEOUS FARM PRODUCTS-----	77,192	74,896		2,294	
FOREST PRODUCTS					
0841 CRUDE RUBBER AND ALLIED GUMS-----	1,369	1,366			3
0861 FOREST PRODUCTS, NEC-----	27,752	24,092		3,660	
FRESH FISH & OTHER MARINE PRODUCTS					
0911 FRESH FISH, EXCEPT SHELLFISH-----	14,895	13,180	1	1,814	
0912 SHELLFISH, EXCEPT PREPARED-----	14,967	11,715		3,252	
0931 MARINE SHELLS, UNMANUFACTURED-----	60,333	48		60,285	
METALLIC ORES					
1011 IRON ORE AND CONCENTRATES-----	35,621,960		34,501,013	1,120,920	31
1021 COPPER ORE AND CONCENTRATES-----	68,908			68,908	
1051 ALUMINUM ORES, CONCENTRATES-----	401,662			401,662	
1061 MANGANESE ORES, CONCENTRATES-----	209,995			209,995	27
1091 NONFERROUS ORES, CONCENT, NEC-----	541,601	10,670		530,952	79
COAL					
1121 COAL AND LIGNITE-----	62,960,890	6,359,940	10,565,466	65,986,949	48,535
CRUDE PETROLEUM					
1311 CRUDE PETROLEUM-----	215,251,246	210,685,366		4,507,605	58,273
NONMETALLIC MINERALS, EXCEPT FUELS					
1411 LIMESTONE-----	8,857,040	1,772	6,382,589	2,472,502	177
1412 BUILDING STONE, UNWORKED-----	1,368			1,368	
1442 SAND, GRAVEL, CRUSHED ROCK-----	3,736,257	392,606	250,227	3,079,656	33,786
1451 CLAY-----	173,392	3,025	8	168,413	1,946
1471 PHOSPHATE ROCK-----	4,001,700	4,001,700			
1479 NATURAL FERTILIZER MATS, NEC-----	3,105	1,682		1,423	
1491 SALT-----	5,213,402	132,773	344,388	4,736,076	243
1492 SULPHUR, DRY-----	18,863	18,863			
1493 SULPHUR, LIQUID-----	2,363,974	2,102,797		258,529	2,650
1494 GYPSUM, CRUDE AND PLASTERS-----	384,590	33,657	296,601	52,332	
1499 NONMETALLIC MINERALS, NEC-----	289,966	10,451	1	277,877	1,637
ORDNANCE & ACCESSORIES					
1911 ORDNANCE AND ACCESSORIES-----	21	21			
FOOD & KINDRED PRODUCTS					
2011 MEAT, FRESH, CHILLED, FROZEN-----	419,042	419,036		4	
2012 MEAT AND PRODUCTS, NEC-----	65,702	65,695		7	
2014 TALLOW, ANIMAL FATS AND OILS-----	137,945	17,106		120,575	264
2015 ANIMAL BY-PRODUCTS, NEC-----	3,862	623		3,239	
2021 DAIRY PRODUCTS, NEC-----	77,457	77,456	1		
2022 DRIED MILK AND CREAM-----	8,043	8,043			
2031 FISH AND SHELLFISH, PREPARED-----	249,590	244,690		4,900	
2034 VEGETABLES AND PREP, NEC-----	320,648	313,397		6,751	
2039 PREP FRUIT AND VEG JUICE, NEC-----	674,801	674,790		11	
2041 WHEAT FLOUR AND SEMOLINA-----	26,317	24,579		1,738	
2042 ANIMAL FEEDS-----	8,779,318	210,092		8,559,968	9,238
2049 GRAIN MILL PRODUCTS, NEC-----	2,879,611	40,030		2,838,136	1,445
2061 SUGAR-----	2,618,094	2,403,572		213,837	685
2062 MOLASSES-----	732,124	348,153		383,767	204
2081 ALCOHOLIC BEVERAGES-----	399,774	399,522	1	251	
2091 VEGETABLE OILS, MARG, SHORT-----	631,548	136,625		694,166	757
2092 ANIMAL OILS AND FATS, NEC-----	134	134			
2094 GROCERIES-----	782,801	781,485	1	1,315	
2095 ICE-----	2,025			2,020	5
2099 MISCELLANEOUS FOOD PRODUCTS-----	1,231,416	1,221,271	1	10,144	
TOBACCO PRODUCTS					
2111 TOBACCO MANUFACTURES-----	30,772	30,772			

TABLE 7--EXEMPT, FOR HIRE TON-MILES COMMODITY BY TYPE OF TRAFFIC, CALENDAR YEAR 1989--CONTINUED

COMMODITY		(IN THOUSANDS)				
COMMODITY		TOTAL	COASTWISE	LAKEWISE	INTERNAL	LOCAL
BASIC TEXTILES						
2211 BASIC TEXTILE PRODUCTS-----	40,199	30,133	-----	10,066	-----	-----
2212 TEXTILE FIBERS, NEC-----	30,287	28,804	-----	1,483	-----	-----
APPAREL & OTHER FINISHED TEXTILE PRODUCTS, INCLUDING KNIT						
2311 APPAREL-----	220,147	220,131	-----	16	-----	-----
LUMBER & WOOD PRODS., EXC. FURNITURE						
2411 LOGS-----	84,011	900	-----	83,071	-----	-----
2412 RAFTED LOGS-----	503,990	21,133	-----	482,857	-----	35,740
2413 FUEL WOOD, CHARCOAL, WASTES-----	40,062	29,743	-----	10,319	-----	-----
2414 TIMBER, POSTS, POLES, PILING-----	37,140	17,451	-----	19,689	-----	-----
2415 PULPWOOD, LOG-----	35,247	666	-----	34,581	-----	-----
2416 WOOD CHIPS, STAVES, MOLDINGS-----	397,588	66	-----	397,522	-----	242
2421 LUMBER-----	723,267	690,450	-----	32,815	-----	-----
2431 VENEER, PLYWOOD, WORKED WOOD-----	149,800	125,446	-----	24,354	-----	-----
2491 WOOD MANUFACTURES, NEC-----	305,462	305,123	-----	339	-----	-----
FURNITURE & FIXTURES						
2511 FURNITURE AND FIXTURES-----	334,206	334,014	-----	192	-----	-----
PULP, PAPER & ALLIED PRODUCTS						
2611 PULP-----	79,333	49,642	-----	29,691	-----	-----
2621 STANDARD NEWSPRINT PAPER-----	61,208	9,273	-----	51,935	-----	-----
2631 PAPER AND PAPERBOARD-----	259,920	142,836	-----	117,084	-----	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	503,858	448,646	-----	55,206	-----	6
PRINTED MATTER						
2711 PRINTED MATTER-----	31,303	31,303	-----	-----	-----	-----
CHEMICALS & ALLIED PRODUCTS						
2810 SODIUM HYDROXIDE-----	2,915,227	2,242,523	-----	670,741	-----	1,963
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	589,242	37,918	10,127	558,666	-----	2,531
2812 DYES, PIGMENT, TANNING MATS-----	177	177	-----	-----	-----	-----
2813 ALCOHOLS-----	3,142,051	1,279,755	-----	1,867,019	-----	5,277
2816 RADIOACTIVE MATERIALS, WASTES-----	932	932	-----	-----	-----	-----
2817 BENZENE AND TOLUENE-----	1,404,904	621,215	-----	787,479	-----	16,210
2818 SULPHURIC ACID-----	44,278	20,683	-----	23,024	-----	571
2819 BASIC CHEMICALS AND PROD, NEC-----	16,563,333	6,218,133	80,912	10,250,361	-----	13,927
2821 PLASTIC MATERIALS-----	94,275	86,024	-----	8,251	-----	-----
2822 SYNTHETIC RUBBER-----	11,341	-----	-----	11,341	-----	-----
2823 SYNTHETIC (MAN-MADE) FIBERS-----	1,088	1,083	-----	5	-----	-----
2831 DRUGS-----	86,174	79,908	-----	6,266	-----	-----
2841 SOAP-----	110,660	110,267	-----	393	-----	-----
2851 PAINTS-----	68,986	68,974	-----	12	-----	5
2861 GUM AND WOOD CHEMICALS-----	527,667	451,456	-----	75,083	-----	1,120
2871 NITROGENOUS CHEM FERTILIZERS-----	4,407,206	1,167,045	3,236	3,636,044	-----	881
2872 POTASSIC CHEM FERTILIZERS-----	904,860	57,617	-----	806,207	-----	1,036
2873 PHOSPHATIC CHEM FERTILIZERS-----	442,256	35,778	-----	406,462	-----	1,616
2876 INSECTICIDES, DISINFECTANTS-----	11,241	10,638	-----	603	-----	-----
2879 FERTILIZER AND MATERIALS, NEC-----	3,477,332	266,509	-----	3,203,602	-----	7,221
2891 MISCELLANEOUS CHEMICAL PROD-----	175,532	78,554	-----	96,908	-----	70
PETROLEUM & COAL PRODUCTS						
2911 GASOLINE-----	32,460,249	24,353,770	203,570	7,794,256	-----	106,653
2912 JET FUEL-----	6,080,304	4,625,820	17,180	1,430,178	-----	7,126
2913 KEROSENE-----	424,187	268,228	605	151,325	-----	4,029
2914 DISTILLATE FUEL OIL-----	19,526,639	15,689,619	85,920	3,811,598	-----	139,502
2915 RESIDUAL FUEL OIL-----	27,520,370	20,710,808	70,501	6,537,841	-----	201,220
2916 LUBRICATING OILS AND GREASES-----	3,392,651	1,672,397	1,257	1,504,845	-----	14,152
2917 NAPHTHA, PETROLEUM SOLVENTS-----	2,575,094	1,171,978	-----	1,392,510	-----	10,606
2918 ASPHALT, TAR, AND PITCHES-----	4,110,273	1,416,217	170,973	2,512,539	-----	10,544
2920 COKE, PETROLEUM COKE-----	3,586,412	164,402	66,402	3,321,895	-----	33,713
2921 LIQUEFIED GASES-----	84,806	5,326	28	79,432	-----	20
2931 ASPHALT BUILDING MATERIALS-----	53,438	53,423	-----	15	-----	-----
2991 PETROLEUM AND COAL PROD, NEC-----	1,093,143	646,321	33	442,454	-----	4,339
RUBBER & MISC. PLASTIC PRODUCTS						
3011 RUBBER AND MISC PLASTIC PROD-----	154,304	149,892	-----	4,412	-----	-----
LEATHER & LEATHER PRODUCTS						
3111 LEATHER AND LEATHER PRODUCTS-----	32,499	32,499	-----	-----	-----	-----
STONE, CLAY, GLASS, & CONCRETE PROD.						
3211 GLASS AND GLASS PRODUCTS-----	39,992	39,101	-----	891	-----	-----
3241 BUILDING CEMENT-----	2,741,642	50,243	769,922	1,912,565	-----	8,912
3251 STRUCTURAL CLAY PRODUCTS-----	39,014	27,545	-----	11,469	-----	-----
3271 LIME-----	644,537	384	-----	644,153	-----	-----
3281 CUT STONE AND STONE PRODUCTS-----	9,486	9,486	-----	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	379,066	320,628	-----	58,438	-----	-----
PRIMARY METAL PRODUCTS						
3311 PIG IRON-----	297,990	-----	-----	297,990	-----	-----
3312 SLAG-----	474,191	19,834	146,543	305,814	-----	-----
3313 COKE, PET. ASPHALTS, SOLVENTS-----	8	40	-----	-----	-----	-----
3314 IRON AND STEEL PRIMARY FORMS-----	946,030	737	51	945,228	-----	14
3315 IRON, STEEL SHAPES, EXC SHEET-----	1,470,109	43,606	2	1,426,475	-----	17

WATER CARRIAGE TON-MILES

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TABLE 7--EXEMPT, FOR HIRE TON-MILES COMMODITY BY TYPE OF TRAFFIC, CALENDAR YEAR 1989--CONTINUED
(IN THOUSANDS)

COMMODITY	TOTAL	COASTWISE	LAKEWISE	INTERNAL	LOCAL
PRIMARY METAL PRODUCTS (CONTINUED)					
3316 IRON AND STEEL PLATES, SHEETS-----	306,593	111,762	26	194,779	6
3317 IRON AND STEEL PIPE AND TUBE-----	370,306	82,925	-----	287,313	68
3318 FERROALLOYS-----	666,455	-----	-----	666,455	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	133,086	51,051	25	82,004	6
3321 NONFERROUS METALS, NEC-----	8,055	1,871	-----	6,184	-----
3322 COPPER ALLOYS, UNWORKED-----	9,552	1,883	-----	7,669	-----
3323 LEAD AND ZINC, UNWORKED-----	10,278	705	-----	9,573	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	36,773	23,278	-----	13,495	-----
FABRICATED METAL PRODUCTS, EXCEPT ORDNANCE, MACHINERY, & TRAYS, EQUIP.					
3411 FABRICATED METAL PRODUCTS-----	1,156,827	666,259	2	490,555	11
MACHINERY, EXCEPT ELECTRICAL					
3511 MACHINERY, EXCEPT ELECTRICAL-----	332,575	249,326	11	83,159	84
ELECTRICAL MACHINERY, EQUIPMENT & SUPPLIES					
3611 ELECTRICAL MACH AND EQUIP-----	164,525	156,197	-----	6,328	-----
TRANSPORTATION EQUIPMENT					
3711 MOTOR VEHICLES, PARTS, EQUIP-----	636,992	632,378	-----	4,614	-----
3721 AIRCRAFT AND PARTS-----	347	344	-----	3	-----
3731 SHIPS AND BOATS-----	11,779	11,575	-----	204	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	50,262	49,778	-----	484	-----
INSTRUMENTS, PHOTOGRAPHIC & OPTICAL GOODS, WATCHES & CLOCKS					
3811 INSTR, TIME, PHOTO, OPT GOODS-----	37,346	37,344	-----	2	-----
MISC. PRODUCTS OF MANUFACTURING					
3911 MISC MANUFACTURED PRODUCTS-----	273,162	245,258	-----	27,924	-----
WASTE & SCRAP MATERIALS					
4011 IRON AND STEEL SCRAP-----	2,226,524	74,168	213	2,148,000	4,143
4012 NONFERROUS METAL SCRAP-----	28,672	10,778	5,131	12,763	-----
4022 TEXTILE WASTE, SCRAP, SWEEP-----	7,496	7,494	-----	2	-----
4024 PAPER WASTE AND SCRAP-----	243	243	-----	-----	-----
4029 WASTE AND SCRAP, NEC-----	797,630	53,485	-----	697,329	46,816
SPECIAL ITEMS					
4111 WATER-----	26,102	1,302	-----	24,607	193
4112 COMMODITIES, NEC-----	4,460,517	4,440,355	312	27,846	4

TABLE 8--PRIVATE CARRIAGE TON-MILES COMMODITY BY TYPE OF TRAFFIC, CALENDAR YEAR 1989

(IN THOUSANDS)					
COMMODITY	TOTAL	COASTWISE	LAKEWISE	INTERNAL	LOCAL
TOTAL	168,276,199	145,854,876	3,138,573	18,970,977	311,773
FARM PRODUCTS					
0102 BARLEY AND RYE	4,349			4,349	
0103 CORN	512,618			512,618	
0104 OATS	5,976			5,976	
0105 RICE	2,256			2,256	
0106 SORGHUM GRAINS	261,824			261,824	
0107 WHEAT	726,549			726,549	
0111 SOYBEANS	685,977			685,977	
0141 FRESH AND FROZEN VEGETABLES	4			4	
FRESH FISH & OTHER MARINE PRODUCTS					
0911 FRESH FISH, EXCEPT SHELLFISH	3,664	2		3,658	4
0912 SHELLFISH, EXCEPT PREPARED	8,371			8,335	33
0931 MARINE SHELLS, UNMANUFACTURED	276,875			275,152	1,723
METALLIC DRES					
1011 IRON ORE AND CONCENTRATES	1,725,401		1,724,882	518	1
COAL					
1121 COAL AND LIGNITE	322,483	18,235	65,303	230,322	8,623
CRUDE PETROLEUM					
1311 CRUDE PETROLEUM	96,883,797	96,299,792		572,549	11,456
NONMETALLIC MINERALS, EXCEPT FUELS					
1411 LIMESTONE	2,008,294	4,243	1,029,837	973,005	1,209
1442 SAND, GRAVEL, CRUSHED ROCK	1,526,768	346		1,432,121	96,321
1451 CLAY	18,588	26		17,869	693
1491 SALT	165,734	693		165,041	
1493 SULPHUR, LIQUID	897,190	843,267		53,237	686
1499 NONMETALLIC MINERALS, NEC	7,214	28		5,364	1,622
FOOD & KINDRED PRODUCTS					
2011 MEAT, FRESH, CHILLED, FROZEN	36	36			
2031 FISH AND SHELLFISH, PREPARED	28,256	28,256			
2039 PREP FRUIT AND VEG JUICE, NEC	54	54			
2042 ANIMAL FEEDS	368,760			368,759	1
2049 GRAIN MILL PRODUCTS, NEC	307,552			307,552	
2061 SUGAR	1,071			1,071	
2062 MOLASSES	11,059			11,059	
2091 VEGETABLE OILS, MARG, SHORT	139,537			139,537	
2092 ANIMAL OILS AND FATS, NEC	207				207
2094 GROCERIES	2	2			
2095 ICE	43				43
2099 MISCELLANEOUS FOOD PRODUCTS	5,059	417		4,642	
BASIC TEXTILES					
2212 TEXTILE FIBERS, NEC	3,839	3,839			
LUMBER & WOOD PRODS., EXC. FURNITURE					
2411 LOGS	47,438			47,438	
2412 RAFTED LOGS	15,207			15,207	
2413 FUEL WOOD, CHARCOAL, WASTES	6,601			6,601	
2414 TIMBER, POSTS, POLES, PILING	296			296	
2415 PULPWOOD, LOGS	364,465	3,801		360,664	
2416 WOOD CHIPS, STAVES, MOLDINGS	228,837			228,837	
2421 LUMBER	3,180	3,155		25	
2491 WOOD MANUFACTURES, NEC	469	433		36	
FURNITURE & FIXTURES					
2511 FURNITURE AND FIXTURES	264	264			
PULP, PAPER & ALLIED PRODUCTS					
2691 PULP AND PAPER PRODUCTS, NEC	70	70			
CHEMICALS & ALLIED PRODUCTS					
2810 SODIUM HYDROXIDE	1,315,111	36,785		1,277,261	1,045
2811 CRUDE TAR, OIL, GAS PRODUCTS	107,869	49,113		58,651	105
2813 ALCOHOLS	709,819	206,572		501,506	1,741
2817 BENZENE AND TOLUENE	528,237	367,866		152,880	7,491
2818 SULPHURIC ACID	229,401	25,311		202,007	2,173
2819 BASIC CHEMICALS AND PROD, NEC	2,324,856	431,030		1,889,669	4,759
2861 GUM AND WOOD CHEMICALS	255			255	
2871 NITROGENOUS CHEM FERTILIZERS	28,629			28,629	
2873 PHOSPHATIC CHEM FERTILIZERS	70,225	70,225			
2879 FERTILIZER AND MATERIALS, NEC	1,018,708	541,610		477,002	92
2891 MISCELLANEOUS CHEMICAL PROD	569,918	493,513		76,405	
PETROLEUM & COAL PRODUCTS					
2911 GASOLINE	17,241,162	15,300,644	3,725	1,909,637	27,156
2912 JET FUEL	4,582,316	4,273,253		308,873	190
2913 KEROSENE	351,414	318,624		32,124	666
2914 DISTILLATE FUEL OIL	10,948,108	9,642,496	2,468	1,276,470	26,674
2915 RESIDUAL FUEL OIL	11,666,765	10,640,050		1,012,611	14,104

TABLE 8--PRIVATE CARRIAGE TON-MILES COMMODITY BY TYPE OF TRAFFIC, CALENDAR YEAR 1989--CONTINUED
(IN THOUSANDS)

COMMODITY	TOTAL	COASTWISE	LAKEWISE	INTERNAL	LOCAL
PETROLEUM & COAL PRODUCTS (CONTINUED)					
2916 LUBRICATING OILS AND GREASES-----	4,596,246	4,136,940	-----	459,017	289
2917 NAPHTHA, PETROLEUM SOLVENTS-----	1,670,143	1,332,345	-----	334,286	3,512
2918 ASPHALT, TAR, AND PITCHES-----	334,195	-----	-----	334,059	136
2920 COKE, PETROLEUM COKE-----	25,781	-----	-----	25,781	-----
2921 LIQUEFIED GASES-----	426,523	157,817	-----	268,674	32
2991 PETROLEUM AND COAL PROD, NEC-----	64,661	39,355	-----	25,151	155
RUBBER & MISC. PLASTIC PRODUCTS					
3011 RUBBER AND MISC PLASTIC PROD-----	631	631	-----	-----	-----
STONE, CLAY, GLASS, & CONCRETE PROD.					
3241 BUILDING CEMENT-----	1,269,452	516,764	234,275	517,808	605
3251 STRUCTURAL CLAY PRODUCTS-----	4	-----	-----	4	-----
3271 LIME-----	204,306	-----	-----	204,306	-----
3291 MISC NONMETALLIC MINERAL PROD-----	11,405	974	-----	10,431	-----
PRIMARY METAL PRODUCTS					
3311 PIG IRON-----	1,024	-----	-----	1,024	-----
3312 SLAG-----	121,706	6,281	78,043	37,342	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	1,635	1,540	-----	53	2
3316 IRON AND STEEL PLATES, SHEETS-----	6	-----	-----	4	2
3317 IRON AND STEEL PIPE AND TUBE-----	3,504	335	-----	3,169	-----
FABRICATED METAL PRODUCTS, EXCEPT ORDNANCE, MACHINERY, & TRANS. EQUIP.					
3411 FABRICATED METAL PRODUCTS-----	3,017	2,062	-----	943	12
MACHINERY, EXCEPT ELECTRICAL					
3511 MACHINERY, EXCEPT ELECTRICAL-----	5,585	1,269	-----	4,316	-----
ELECTRICAL MACHINERY, EQUIPMENT & SUPPLIES					
3611 ELECTRICAL MACH AND EQUIP-----	4	-----	-----	4	-----
TRANSPORTATION EQUIPMENT					
3711 MOTOR VEHICLES, PARTS, EQUIP-----	827	820	-----	7	-----
3731 SHIPS AND BOATS-----	73	-----	-----	73	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	28	-----	-----	28	-----
MISC. PRODUCTS OF MANUFACTURING					
3911 MISC MANUFACTURED PRODUCTS-----	3,967	1,315	-----	2,652	-----
WASTE & SCRAP MATERIALS					
4011 IRON AND STEEL SCRAP-----	4,111	2,124	-----	62	1,905
4012 NONFERROUS METAL SCRAP-----	11	-----	-----	11	-----
4029 WASTE AND SCRAP, NEC-----	218,138	18,253	-----	104,113	95,772
SPECIAL ITEMS					
4111 WATER-----	9,970	-----	-----	9,623	347
4112 COMMODITIES, NEC-----	32,107	31,956	-----	142	9

SECTION 4

WATERBORNE TONNAGE BY STATE

WATERBORNE TONNAGE BY STATE

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CY 1989 WATERBORNE TONNAGE BY STATE (In Units of 1000 Tons)
SORTED BY STATE

STATE	SHIPPING TO		RECEIVING FROM		INTRA	GRAND
	DOMESTIC	FOREIGN	DOMESTIC	FOREIGN	STATE	TOTALS
ALABAMA	7640	11838	22239	6623	16087	64427
ALASKA	94798	8816	2235	979	7810	114638
ARKANSAS	4647	0	4492	0	1666	10805
CALIFORNIA	8221	41002	58627	36965	41579	186394
CONNECTICUT	1448	357	11168	3905	888	17766
DELAWARE	15196	328	1573	12193	2213	31503
DIST. OF COL.	0	4	559	0	0	563
FLORIDA	11745	23295	51480	19242	3246	109008
GEORGIA	824	6016	2079	6190	370	15479
GUAM	9	0	142	0	0	151
HAWAII	1519	361	5855	4587	5890	18212
IDAHO	1001	0	97	0	461	1559
ILLINOIS	58992	1079	20344	3163	9484	93062
INDIANA	19104	687	39733	2474	5109	67107
IOWA	10997	0	5053	0	839	16889
KANSAS	286	0	50	0	0	336
KENTUCKY	50726	0	22334	0	10672	83732
LOUISIANA	80766	110159	133251	80887	34319	439382
MAINE	26	266	2928	7463	91	10774
MARYLAND	6089	14242	7554	16792	5195	49872
MASSACHUSETTS	622	572	11182	13878	1400	27654
MICHIGAN	26961	9231	24981	4190	13317	78680
MINNESOTA	37554	1176	4881	369	3023	47003
MISSISSIPPI	14429	3330	7831	16678	601	42869
MISSOURI	11654	0	8416	0	4543	24613
NEBRASKA	237	0	284	0	0	521
NEW HAMPSHIRE	19	315	1184	1952	6	3476
NEW JERSEY	34391	6504	27816	31130	5477	105318
NEW YORK	22400	2969	28161	39464	19870	112864
NORTH CAROLINA	565	3095	3133	2897	3634	13324
OHIO	32816	19226	53034	4948	11199	121223
OKLAHOMA	2498	0	1057	0	167	3722
OREGON	10421	20767	6101	3082	6957	47328
OTHER	6958	0	20136	38972	1271	67337
PACIFIC ISLANDS	6	0	48	0	0	54
PENNSYLVANIA	14400	3429	41535	38789	17853	116006
PUERTO RICO	4118	2291	5730	16177	4788	33104
RHODE ISLAND	782	481	3588	3671	238	8760
SOUTH CAROLINA	354	5639	2945	4279	130	13347
TENNESSEE	5721	0	20244	0	2682	28647
TEXAS	54705	44464	36573	127436	43132	306310
TRANS-SHIP	21467	0	18706	0	4620	44793
VERMONT	0	0	44	0	0	44
VIRGIN ISLANDS	14377	454	4029	13649	273	32782
VIRGINIA	8147	55528	4411	9749	9758	87593
WASHINGTON	8756	44927	26750	15522	17788	113743
WEST VIRGINIA	39818	0	10861	0	12152	62831
WISCONSIN	23500	5559	6255	1221	128	36663
TOTALS	771709	448406	771709	589504	330823	2140442
	INTERSTATE	EXPORTS	INTERSTATE	IMPORTS	INTRASTATE	TOTAL
						EXCLUDING DUPLICATION

CY 1989 WATERBORNE TONNAGE BY STATE (In Units of 1000 Tons)
SORTED BY TOTAL TONS

STATE	SHIPPING TO		RECEIVING FROM		INTRA STATE	GRAND TOTALS
	DOMESTIC	FOREIGN	DOMESTIC	FOREIGN		
LOUISIANA	80766	110159	133251	80887	34319	439382
TEXAS	54705	44464	36573	127436	43132	306310
CALIFORNIA	8221	41002	58627	36965	41579	186394
OHIO	32816	19226	53034	4948	11199	121223
PENNSYLVANIA	14400	3429	41535	38789	17853	116006
ALASKA	94798	8816	2235	979	7810	114638
WASHINGTON	8756	44927	26750	15522	17788	113743
NEW YORK	22400	2969	28161	39464	19870	112864
FLORIDA	11745	23295	51480	19242	3246	109008
NEW JERSEY	34391	6504	27816	31130	5477	105318
ILLINOIS	58992	1079	20344	3163	9484	93062
VIRGINIA	8147	55528	4411	9749	9758	87593
KENTUCKY	50726	0	22334	0	10672	83732
MICHIGAN	26961	9231	24981	4190	13317	78680
OTHER	6958	0	20136	38972	1271	67337
INDIANA	19104	687	39733	2474	5109	67107
ALABAMA	7640	11838	22239	6623	16087	64427
WEST VIRGINIA	39818	0	10861	0	12152	62831
MARYLAND	6089	14242	7554	16792	5195	49872
OREGON	10421	20767	6101	3082	6957	47328
MINNESOTA	37554	1176	4881	369	3023	47003
TRANS-SHIP	21467	0	18706	0	4620	44793
MISSISSIPPI	14429	3330	7831	16678	601	42869
WISCONSIN	23500	5559	6255	1221	128	36663
PUERTO RICO	4118	2291	5730	16177	4788	33104
VIRGIN ISLANDS	14377	454	4029	13649	273	32782
DELAWARE	15196	328	1573	12193	2213	31503
TENNESSEE	5721	0	20244	0	2682	28647
MASSACHUSETTS	622	572	11182	13878	1400	27654
MISSOURI	11654	0	8416	0	4543	24613
HAWAII	1519	361	5855	4587	5890	18212
CONNECTICUT	1448	357	11168	3905	888	17766
IOWA	10997	0	5053	0	839	16889
GEORGIA	824	6016	2079	6190	370	15479
SOUTH CAROLINA	354	5639	2945	4279	130	13347
NORTH CAROLINA	565	3095	3133	2897	3634	13324
ARKANSAS	4647	0	4492	0	1666	10805
MAINE	26	266	2928	7463	91	10774
RHODE ISLAND	782	481	3588	3671	238	8760
OKLAHOMA	2498	0	1057	0	167	3722
NEW HAMPSHIRE	19	315	1184	1952	6	3476
IDAHO	1001	0	97	0	461	1559
DIST. OF COL.	0	4	559	0	0	563
NEBRASKA	237	0	284	0	0	521
KANSAS	286	0	50	0	0	336
GUAM	9	0	142	0	0	151
PACIFIC ISLANDS	6	0	48	0	0	54
VERMONT	0	0	44	0	0	44
TOTALS	771709	448406	771709	589504	330823	2140442
INTERSTATE		EXPORTS	INTERSTATE	IMPORTS	INTRASTATE	TOTAL
						EXCLUDING DUPLICATION

