WATERBORNE COMMERCE OF THE UNITED STATES

Calendar Year 1989

PART 5
NATIONAL SUMMARIES

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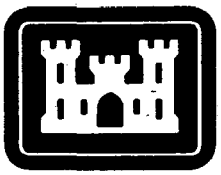

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Waterborne Commerce of the United States (WCUS), Part 5, Calendar Year 1989, is one of a series of five (5) publications containing statistics on the commercial movement of foreign and domestic cargo. WCUS, Part 5, presents a national summary of tons and ton-miles contained in the WCUS Publications 1-4.

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III

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
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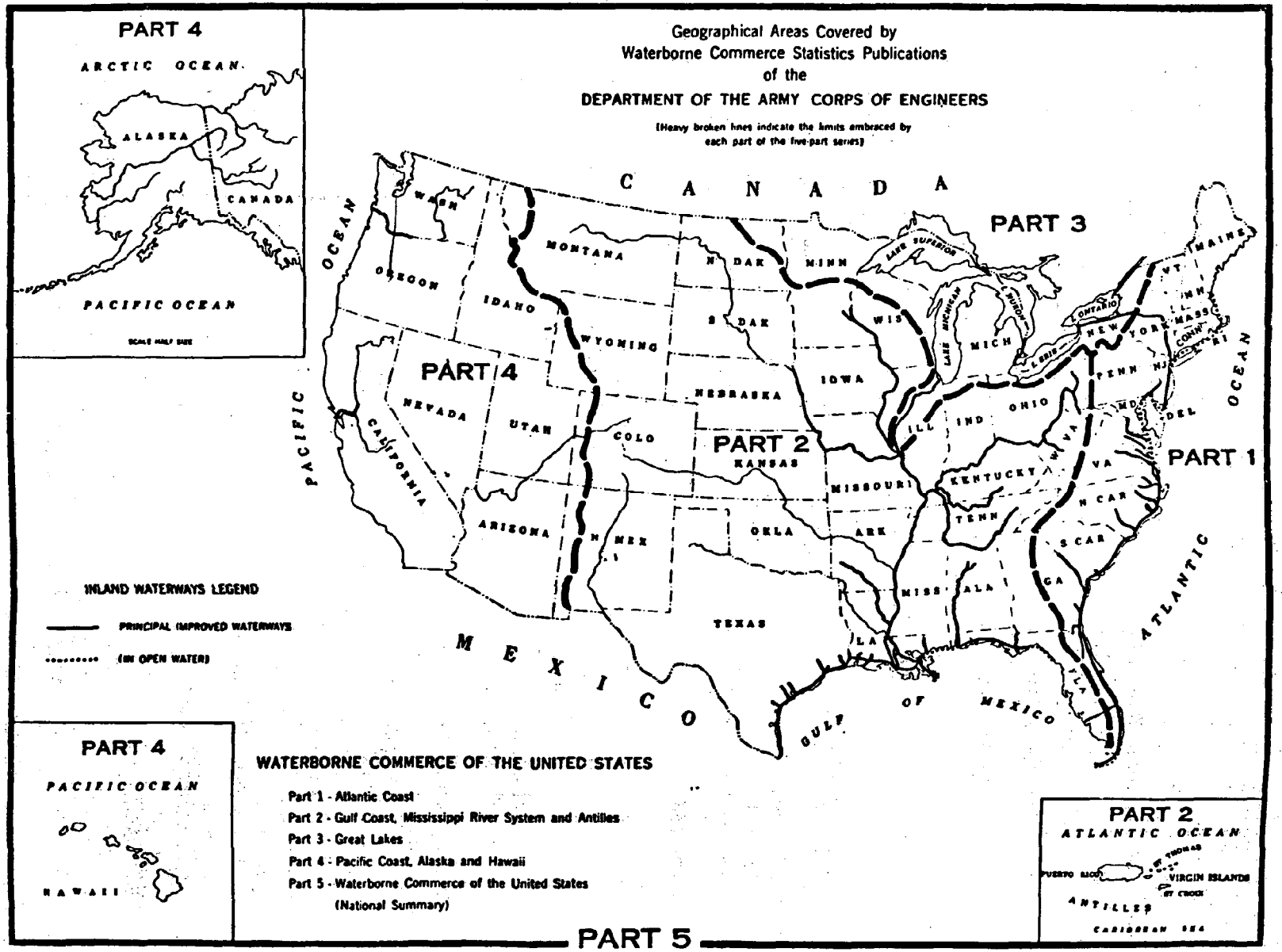

PART 4
ARCTIC OCEAN
ALASKA
CANADA
PACIFIC OCEAN
Geographical Areas Covered by
Waterborne Commerce Statistics Publications
of the
DEPARTMENT OF THE ARMY CORPS OF ENGINEERS
(Heavy broken lines indicate the limits embraced by each part of the five-part series)
C A N A D A
PART 3
PART 4
PART 2
PART 1
PACIFIC OCEAN
ATLANTIC OCEAN
MEXICO
GULF OF MEXICO
WASH
OREGON
IDAHO
MONTANA
WYOMING
N DAK
S DAK
MINN
WIS
MICH
IOWA
NEBRASKA
NEVADA
UTAH
COLO
CALIFORNIA
ARIZONA
N MEX
KANSAS
OKLA
TEXAS
MISSOURI
ARK
LA
ILL
IND
OHIO
KENTUCKY
TENN
MISS
ALA
GA
FLA
S CAR
N CAR
VA
W VA
PENN
NEW YORK
MD
DEL
N J
CONN
R I
MASS
VT
N H
MAINE
LAKE SUPERIOR
LAKE MICHIGAN
LAKE HURON
LAKE ERIE
ONTARIO
INLAND WATERWAYS LEGEND
PRINCIPAL IMPROVED WATERWAYS
(IN OPEN WATER)
PART 4
PACIFIC OCEAN
HAWAII
WATERBORNE COMMERCE OF THE UNITED STATES
Part 1 - Atlantic Coast
Part 2 - Gulf Coast, Mississippi River System and Antilles
Part 3 - Great Lakes
Part 4 - Pacific Coast, Alaska and Hawaii
Part 5 - Waterborne Commerce of the United States
(National Summary)
PART 2
ATLANTIC OCEAN
PUERTO RICO
ST THOMAS
ST CROIX
VIRGIN ISLANDS
ANTILLES
CARIBBEAN SEA
PART 5

CONTENTS

TABLE		PAGE
	Map of the United States showing geographical areas covered by each of the five Waterborne Commerce Statistics publications	IV
	Introduction	VII
	Terms for Kind of Traffic	VIII
	Commodity Classification for Domestic Waterborne Commerce	IX
	SECTION 1. NATIONAL SUMMARIES	1
	Summary	3
1	Net Total Waterborne Commerce of the United States, 1947 - 1989	5
1A	Foreign Commerce of the United States, 1947 - 1989	5
1B	Domestic Commerce of the United States, 1947 - 1989	6
2	Summary of Foreign and Domestic Waterborne Commerce, by Type of Traffic and Commodity	7
	Charts: Total Waterborne Commerce of the United States, 1980 - 1989	10-11
	Chart: Principal Commodities Carried by Water: Total Commerce	12
2A	Summary of Foreign Commerce at Coastal Ports, by Commodity	13
2B	Summary of Foreign Commerce at Great Lakes Ports, by Commodity	16
3	Commerce at Selected Ports Excluding Great Lakes Ports	19
3A	Commerce at Selected Areas	22
4	Commerce at Selected Ports on the Great Lakes	23
5	Commerce on Selected Waterways of the United States	24
6	Ton-mileage of Freight Carried on the Inland Waterways of the United States, by System	26
7	Ton-mileage of Freight Carried on the Great Lakes System	27
	Chart: Ton-miles of Freight Carried on the Waterways of the United States, 1980 - 1989	28
8	Comparative Statement of Traffic on the Mississippi River System, 1978-1989	29
9	Comparative Statement of Traffic on the Mississippi River from Minneapolis, Minn., to the Mouth of Passes, 1978 - 1989	29
10	Domestic Barge Traffic: Commodity by Type of Traffic	30
	SECTION 2. DOMESTIC INLAND TRAFFIC - AREAS OF ORIGIN AND DESTINATION OF PRINCIPAL COMMODITIES	33
	Note: The commodities reported in the following tables are identified by code numbers in each column heading; more complete descriptions of the commodities are given in Table 2 of Section 1.	
1	Domestic Inland Movements of Grains, Soybeans, Sugar and Molasses	35
2	Domestic Inland Movements of Logs and Lumber	41
3	Domestic Inland Movements of Bituminous Coal and Lignite	44
4	Domestic Inland Movements of Petroleum and Petroleum Products	47
5	Domestic Inland Movements of Iron and Steel	66
6	Domestic Inland Movements of Chemicals and Related Products	74
	SECTION 3. WATER CARRIAGE TON-MILES	87
1	Total Commerce: Ton-miles and Tons by Type of Traffic and Average Haul, 1979 - 1989	89
2	Domestic Ton-miles: Type of Traffic by Service	89
	Charts: Ton-miles and Average Haul by Type of Traffic, 1980 - 1989	90-91
	Chart 2: Domestic Ton-miles by Type of Service	92
	Chart 3: Domestic Ton-miles by Type of Service, by Type of Traffic	92
3	Domestic Traffic: Tons and Ton-miles of Principal Commodity Groups by Type of Traffic and Service	93
4	Domestic Ton-miles: Commodity by Service	94
5	Domestic Ton-miles: Commodity by Type of Traffic	97
6	Regulated Ton-miles: Commodity by Type of Traffic	100
7	Exempt, for Hire Ton-Miles: Commodity by Type of Traffic	103
8	Private Carriage Ton-miles: Commodity by Type of Traffic	106
	SECTION 4. WATERBORNE TONNAGE BY STATE CY-1989	109

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.)

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

TERMS FOR KIND OF TRAFFIC

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

Coastwise receipts and shipments. These terms apply to domestic traffic receiving a carriage over the ocean, or the Gulf of Mexico, e.g. New Orleans to Baltimore, New York to Puerto Rico, San Francisco to Hawaii, Puerto Rico to Hawaii. Traffic between Great Lakes ports and seacoast ports, when having a carriage over the ocean, is also termed "coastwise." The Chesapeake Bay and Puget Sound are considered internal bodies of water rather than arms of the ocean and therefore, traffic confined to these areas is "internal" rather than "coastwise."

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

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

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

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

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

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

SECTION 3 presents the performance of the water carrier industry in terms of ton-miles on a type of service basis and provides detailed data on types of traffic and commodities transported in the domestic trades, also in terms of ton-miles during 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.

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
	Group 01-Farm Products
0101	Cotton, raw
0102	Barley and rye
0103	Corn
0104	Oats
0105	Rice
0106	Sorghum Grains
0107	Wheat
0111	Soybeans
0112	Flaxseed
0119	Oilseeds, not elsewhere classified
0121	Tobacco, leaf
0122	Hay and Fodder
0129	Field crops, not elsewhere classified
0131	Fresh fruits
0132	Bananas and plantains
0133	Coffee, green and roasted (including instant)
0134	Cocoa beans
0141	Fresh and frozen vegetables
0151	Live animals (livestock) except zoo animals, cats, dogs, etc.
0161	Animals and animal products, not elsewhere classified
0191	Miscellaneous farm products
	Group 08-Forest Products
0841	Crude rubber and allied gums
0861	Forest products, not elsewhere classified
	Group 09-Fresh Fish and Other Marine Products
0911	Fresh fish, except shellfish
0912	Shellfish, except prepared or preserved
0913	Menhaden
0931	Marine shells, unmanufactured
	Group 10-Metallic Ores
1011	Iron ore and concentrates
1021	Copper ore and concentrates
1031	Bauxite and other aluminum ores and concentrates
1061	Manganese ores and concentrates
1091	Nonferrous metal ores and concentrates, not elsewhere classified
	Group 11-Coal
1121	Coal and lignite
	Group 13-Crude Petroleum
1311	Crude petroleum
	Group 14-Nonmetallic Minerals, Except Fuels
1411	Limestone flux and calcareous stone
1412	Building stone, unworked
1442	Sand, gravel and crushed rock
1451	Clay, ceramic and refractory materials
1471	Phosphate rock
1479	Natural fertilizer materials, not elsewhere classified
1491	Salt
1492	Sulphur, dry
1493	Sulphur, liquid
1494	Gypsum, crude and plasters
1499	Nonmetallic minerals, except fuels, not elsewhere classified
	Group 19-Ordnance and Accessories
1911	Ordnance and accessories
	Group 20-Food and Kindred Products
2011	Meat, fresh, chilled, or frozen
2012	Meat and meat products prepared or preserved, including canned meat products
2014	Tallow, animal fats and oils
2015	Animal by-products, not elsewhere classified
2021	Dairy products, except dried milk and cream
2022	Dried milk and cream
2031	Fish and fish products, including shellfish, prepared or preserved

Code No.	Item Name
	Group 20-Food and Kindred Products
2034	Vegetables and preparations, canned and otherwise prepared and preserved
2039	Fruits, and fruit and vegetable juices, canned and otherwise prepared or preserved
2041	Wheat flour and semolina
2042	Animal feeds
2049	Grain mill products, not elsewhere classified
2061	Sugar
2062	Molasses
2081	Alcoholic beverages
2091	Vegetable oils, all grades; margarine and shortening
2092	Animal oils and fats, not elsewhere classified, including marine
2094	Groceries
2095	Ice
2099	Miscellaneous food products
	Group 21-Tobacco Products
2111	Tobacco manufactures
	Group 22-Basic Textiles
2211	Basic textile products, except textile fibers
2212	Textile fibers not elsewhere classified
	Group 23-Apparel and Other Finished Textile Products Including Knit
2311	Apparel and other finished textile products, including knit
	Group 24-Lumber and Wood Products Except Furniture
2411	Logs
2412	Rafted logs
2413	Fuel wood, charcoal, and wastes
2414	Timber, posts, poles, piling, and other wood in the rough
2415	Pulpwood, log
2416	Wood chips, staves, moldings, and excelsior
2421	Lumber
2431	Veneer, plywood, and other worked wood
2491	Wood manufactures, not elsewhere classified
	Group 25-Furniture and Fixtures
2511	Furniture and fixtures
	Group 26-Pulp, Paper and Allied Products
2611	Pulp
2621	Standard newsprint paper
2631	Paper and paperboard
2691	Pulp, paper and paperboard products, not elsewhere classified
	Group 27-Printed Matter
2711	Printed matter
	Group 28-Chemicals and Allied Products
2810	Sodium hydroxide (caustic soda)
2811	Crude products from coal tar, petroleum, and natural gas, except benzene and toluene
2812	Dyes, organic pigment, dyeing and tanning materials
2813	Alcohols
2816	Radioactive and associated materials, including wastes
2817	Benzene and toluene, crude and commercially pure
2818	Sulphuric acid
2819	Basic chemicals and basic chemical products, not elsewhere classified
2821	Plastic materials, regenerated cellulose and synthetic resins, including film, sheeting, and laminates
2822	Synthetic rubber
2823	Synthetic (man-made) fiber
2831	Drugs (biological products, medicinal chemicals, botanical products and pharmaceutical preparations)
2841	Soap, detergents, and cleaning preparations; perfumes, cosmetics, and other toilet preparations
2851	Paints, varnishes, lacquers, enamels, and allied products
2861	Gum and wood chemicals
2871	Nitrogenous chemical fertilizers, except mixtures
2872	Potassic chemical fertilizers, except mixtures
2873	Phosphatic chemical fertilizers, except mixtures

Code No.	Item Name
	Group 28-Chemicals and Allied Products
2876	Insecticides, fungicides, pesticides, and disinfectants
2879	Fertilizers and fertilizer materials, not elsewhere classified
2891	Miscellaneous chemical products
	Group 29-Petroleum and Coal Products
2911	Gasoline, including natural gasoline
2912	Jet fuel
2913	Kerosene
2914	Distillate fuel oil
2915	Residual fuel oil
2916	Lubricating oils and greases
2917	Naphtha, mineral spirits, solvents, not elsewhere classified
2918	Asphalt, tar, and pitches
2920	Coke, including petroleum coke
2921	Liquefied petroleum gases, coal gases, natural gas, and natural gas liquids
2951	Asphalt building materials
2991	Petroleum and coal products, not elsewhere classified
	Group 30-Rubber and Miscellaneous Plastic Products
3011	Rubber and miscellaneous plastic products
	Group 31-Leather and Leather Products
3111	Leather and leather products
	Group 32-Stone, Clay, Glass and Concrete Products
3211	Glass and glass products
3241	Building cement
3251	Structural clay products, including refractories
3271	Lime
3281	Cut stone and stone products
3291	Miscellaneous nonmetallic mineral products
	Group 33-Primary Metal Products
3311	Pig iron
3312	Slag
3313	Coke (coal and petroleum), petroleum pitches and asphalts, and naphtha and solvents
3314	Iron and steel ingots, and other primary forms, including blanks for tube and pipe, and sponge iron
3315	Iron and steel bars, rods, angles, shapes and sections, including sheet piling
3316	Iron and steel plates and sheets
3317	Iron and steel pipe and tube
3318	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

Code No.	Item Name
	Group 34-Fabricated Metal Products, Except Ordnance, Machinery and Transportation Equipment
3411	Fabricated metal products, except ordnance, machinery, and transportation equipment
	Group 35-Machinery, Except Electrical
3511	Machinery, except electrical
	Group 36-Electrical Machinery, Equipment and Supplies
3611	Electrical machinery equipment and supplies
	Group 37-Transportation Equipment
3711	Motor vehicles, parts and equipment
3721	Aircraft and parts
3731	Ships and boats
3791	Miscellaneous transportation equipment
	Group 38-Instruments, Photographic and Optical Goods, Watches and Clocks
3811	Instruments, photographic and optical goods, watches and clocks
	Group 39-Miscellaneous Products of Manufacturing
3911	Miscellaneous products of manufacturing
	Group 40-Waste and Scrap Materials
4011	Iron and steel scrap
4012	Nonferrous metal scrap
4022	Textile waste, scrap, and sweepings
4024	Paper waste and scrap
4029	Waste and scrap, not elsewhere classified
	Group 41-Special Items
4111	Water
4112	Miscellaneous shipments not identifiable by commodity
4113	LCL freight
4118	Materials used in waterway improvement, Government materials
4119	Empty containers
9999*	Department of Defense controlled cargo and special category items

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

SECTION 1

NATIONAL SUMMARIES

TOTAL UNITED STATES WATERBORNE TRAFFIC
Millions of Tons

CATEGORY	1988	1989	% Change*
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

TRAFFIC	1988	1989	% Change*
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

4 SUMMARY

PRINCIPAL COMMODITIES IN WATERBORNE COMMERCE
Millions of Tons

	Total Commerce Foreign & Domestic		Foreign Commerce		Domestic Commerce	
	1989	% Change*	1989	% Change*	1989	% Change*
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.

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	793,200,465	162,971,591	630,228,874
1949	740,720,971	165,358,281	575,362,690
1950	820,583,571	169,224,695	651,358,876
1951	924,128,411	232,055,832	692,072,579
1952	887,721,984	227,326,277	660,395,707
1953	923,547,693	217,396,489	706,151,204
1954	867,640,207	213,844,290	653,795,917
1955	1,016,135,785	271,102,932	745,032,853
1956	1,092,912,924	326,689,789	766,223,135
1957	1,131,401,438	358,539,550	772,861,888
1958	1,004,515,776	308,850,796	695,664,978
1959	1,052,402,102	325,669,939	726,732,163
1960	1,099,850,431	339,277,275	760,573,156
1961	1,062,155,182	329,329,818	732,825,364
1962	1,129,404,375	358,599,030	770,805,345
1963	1,173,766,964	385,658,999	788,107,965
1964	1,238,093,573	421,925,133	816,168,440
1965	1,272,896,243	443,726,809	829,169,434
1966	1,334,116,078	471,391,083	862,724,995
1967	1,336,606,078	465,972,238	870,633,840
1968	1,395,859,450	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	1,512,563,690	565,985,584	946,598,106
1972	1,616,792,605	629,980,844	986,811,761
1973	1,761,552,010	767,393,903	994,158,107
1974	1,746,788,544	764,088,905	982,699,639
1975	1,695,034,366	748,707,407	946,326,959
1976	1,835,006,819	855,963,909	979,042,910
1977	1,908,223,619	935,256,813	972,966,806
1978	2,021,349,754	946,057,889	1,075,291,865
1979	2,073,757,628	993,444,963	1,080,312,665
1980	1,998,887,402	921,404,000	1,077,483,402
1981	1,941,558,947	887,102,150	1,054,456,797
1982	1,776,740,579	819,730,983	957,009,596
1983	1,707,661,011	751,140,194	956,520,817
1984	1,836,020,619	803,338,133	1,032,682,486
1985	1,788,434,822	774,323,283	1,014,111,539
1986	1,874,416,280	837,223,503	1,037,192,777
1987	1,967,458,261	890,980,045	1,076,478,216
1988	2,087,933,484	976,220,985	1,111,772,499
1989	2,140,442,372	1,037,910,213	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		OTHER*
			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	43,406	--------
1949	81,992,016	77,153,266	4,774,784	63,966	83,366,265	65,739,775	17,552,872	73,618	--------
1950	101,981,918	96,299,288	5,555,427	127,203	67,242,777	43,640,100	23,498,355	84,874	19,448
1951	108,747,297	101,812,789	6,827,294	107,234	123,308,535	97,602,937	25,575,516	103,667	28,413
1952	115,961,025	108,674,301	7,152,087	134,637	111,365,252	85,072,313	26,129,081	114,679	49,179
1953	127,981,407	120,594,892	7,056,629	329,886	89,415,082	63,780,288	25,415,354	160,663	58,777
1954	129,423,809	123,503,218	5,748,884	171,707	84,420,481	65,243,997	18,928,696	209,587	38,201
1955	152,956,947	144,276,212	8,434,125	246,610	118,145,985	95,404,261	22,399,779	286,371	55,574
1956	174,214,360	163,348,893	10,572,643	292,824	152,475,429	126,448,189	25,710,863	281,334	35,043
1957	186,351,843	176,235,956	9,885,526	230,361	172,187,707	146,889,757	24,983,574	268,273	26,123
1958	189,484,551	181,480,343	7,656,590	347,618	119,366,247	101,554,806	17,429,825	360,159	21,457
1959	213,485,323	198,607,603	13,794,435	1,083,285	112,184,616	91,629,487	17,700,427	2,833,118	21,584
1960	211,316,497	198,465,746	11,973,635	877,116	127,960,778	104,810,455	19,168,514	3,981,809	--------
1961	200,165,652	188,179,228	11,007,197	979,227	129,164,166	105,959,031	18,801,857	4,403,278	--------
1962	222,689,981	207,040,920	14,487,847	1,161,174	135,909,089	110,492,248	20,484,581	4,932,260	--------
1963	227,375,071	209,369,531	16,495,342	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	24,866,892	5,598,074	--------
1965	269,834,819	244,874,087	21,059,701	3,901,031	173,891,990	142,121,011	25,692,770	6,078,209	--------
1966	283,847,300	257,173,478	22,585,271	4,088,551	187,545,785	155,759,571	24,905,662	6,876,750	--------
1967	275,965,191	248,245,275	23,269,404	4,450,512	190,007,047	162,443,124	21,896,595	5,667,328	--------
1968	310,936,331	278,826,933	25,658,847	6,450,551	197,013,671	166,579,691	24,444,154	5,989,826	--------
1969	320,295,084	295,647,991	19,770,247	4,874,846	201,019,278	168,944,254	25,235,730	6,839,294	--------
1970	339,319,772	312,933,583	21,820,193	4,585,996	241,629,361	205,697,712	29,146,465	6,785,184	--------
1971	359,745,840	333,776,713	19,104,708	6,864,419	206,239,744	172,758,807	24,757,317	8,723,620	--------
1972	397,565,612	372,417,770	18,861,084	6,286,758	232,415,232	197,430,445	25,352,496	9,632,291	--------
1973	490,088,015	461,828,145	22,968,904	5,270,966	277,305,888	238,807,467	28,435,708	10,062,713	--------
1974	497,282,811	473,940,012	19,027,376	4,315,423	266,806,094	238,686,754	23,342,970	4,776,370	--------
1975	476,572,516	455,117,218	18,121,866	3,333,432	272,134,891	236,707,996	28,707,321	6,719,574	--------
1976	570,316,893	539,674,048	25,845,506	4,799,339	285,645,016	250,632,668	28,050,680	6,961,668	--------
1977	658,136,893	625,308,679	25,416,264	7,411,950	277,119,920	240,784,157	27,741,857	8,593,906	--------
1978	643,186,865	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	19,450,918	5,646,213	360,449,306	311,786,293	37,964,841	10,698,172	--------
1980	517,521,121	502,005,866	13,414,205	2,101,050	403,882,879	358,805,981	37,216,588	7,860,310	--------
1981	477,191,504	457,467,479	16,794,705	2,929,320	409,910,646	366,424,418	36,976,771	6,509,457	--------
1982	416,621,434	402,511,218	11,541,473	2,568,743	403,109,549	366,825,117	29,701,691	6,582,741	--------
1983	387,847,325	371,773,135	13,080,460	2,993,730	365,292,859	330,955,677	26,794,890	5,542,302	--------
1984	427,139,571	409,295,162	12,922,699	4,921,710	376,198,582	335,269,229	32,286,050	8,643,283	--------
1985	412,687,350	395,577,007	11,916,969	5,193,374	361,835,935	327,425,824	27,727,141	6,682,968	--------
1986	486,073,464	472,230,980	9,597,544	4,244,940	351,150,039	319,163,161	25,248,144	6,738,734	--------
1987	507,704,274	493,826,182	10,040,313	3,835,779	383,275,771	351,226,492	26,766,116	5,283,163	--------
1988	549,897,111	534,043,106	11,720,685	4,133,320	426,325,874	389,686,249	31,651,401	4,986,224	--------
1989	569,504,121	571,732,624	13,535,132	4,236,365	448,406,092	411,338,444	31,936,141	5,131,507	--------

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

TABLE 18--DOMESTIC COMMERCE OF THE UNITED STATES, CALENDAR YEAR 1947-1989

(IN TONS OF 2,000 POUNDS)

YEAR	TOTAL	COASTWISE	LAKEWISE	INTERNAL	INTRAPORT	LOCAL	INTRATERRITORY
1947	578,560,615	153,098,204	163,180,337	149,614,401	57,410,575	55,257,098	*
1948	630,228,874	174,080,850	172,490,721	169,697,866	58,944,696	55,014,741	*
1949	575,362,690	161,430,662	145,591,636	165,702,829	48,323,356	54,314,207	*
1950	651,358,876	182,543,761	169,880,810	190,788,910	51,703,580	56,202,362	1,239,473
1951	692,072,579	186,759,124	178,463,212	213,404,964	50,952,725	61,075,892	1,416,662
1952	660,395,707	184,207,006	154,112,031	216,644,384	49,162,383	54,790,101	1,479,832
1953	706,151,204	188,757,641	188,621,385	226,957,448	47,902,038	54,654,693	1,252,999
1954	653,795,917	187,239,830	145,364,389	217,061,457	48,040,411	54,678,958	1,410,952
1955	745,032,853	195,717,548	184,808,588	249,693,298	52,900,516	59,962,096	1,950,807
1956	766,223,135	205,910,228	173,990,656	269,734,055	53,064,701	61,298,859	2,224,636
1957	772,861,884	196,416,553	162,150,309	281,065,531	50,188,261	60,636,183	2,403,047
1958	695,664,978	194,050,174	132,288,549	261,068,849	48,882,176	56,542,798	2,832,432
1959	726,732,163	205,509,011	131,220,380	282,268,792	49,683,204	57,063,392	**987,384
1960	760,573,158	209,196,823	155,109,257	291,056,655	49,471,054	54,722,392	1,016,995
1961	732,825,364	206,899,377	136,841,146	294,052,123	43,197,871	50,731,149	1,103,648
1962	770,805,345	215,460,882	135,743,781	316,061,877	47,918,437	54,358,792	1,261,576
1963	788,107,965	213,855,295	141,741,152	331,902,484	45,575,094	53,405,530	1,630,412
1964	816,168,440	205,687,985	151,404,618	357,916,216	43,007,165	56,572,257	1,580,199
1965	829,169,434	201,508,107	153,695,242	369,515,461	***	102,865,622	1,485,602
1966	862,724,995	208,374,966	164,036,995	389,851,631	***	99,214,579	1,246,824
1967	870,633,840	214,646,527	153,596,684	398,592,679	***	102,320,054	1,477,896
1968	887,889,448	214,250,535	151,115,936	430,174,303	***	90,730,336	1,618,338
1969	927,399,179	216,707,773	160,843,835	460,944,875	***	87,536,483	1,366,213
1970	950,727,374	238,440,385	157,058,867	472,123,417	***	81,474,805	1,629,900
1971	946,598,106	242,916,056	140,954,956	479,217,765	***	81,252,652	2,256,677
1972	986,811,761	242,660,087	145,013,420	506,989,242	***	90,266,095	1,882,917
1973	994,158,107	236,794,880	156,620,831	505,236,890	***	93,222,623	4,283,103
1974	982,699,639	233,358,124	146,067,270	511,021,978	***	88,197,576	4,054,691
1975	946,326,959	231,932,437	129,331,161	503,932,258	***	78,279,224	2,851,879
1976	979,042,910	236,278,624	132,112,775	523,972,573	***	83,731,092	2,947,846
1977	972,966,806	248,083,336	109,079,945	528,704,658	***	83,444,472	3,654,395
1978	1,075,291,865	305,342,824	142,662,552	534,508,943	***	89,506,584	3,270,962
1979	1,080,312,665	304,665,522	143,563,644	534,969,167	***	93,113,665	4,000,667
1980	1,077,483,402	329,606,613	115,124,231	534,979,027	***	94,183,696	3,587,835
1981	1,054,456,797	321,989,988	115,418,165	520,668,720	***	93,249,873	3,130,051
1982	957,009,596	311,058,264	72,080,986	495,453,486	***	75,601,691	2,811,169
1983	956,520,817	309,636,759	83,446,847	487,132,248	***	73,144,961	3,160,002
1984	1,032,682,486	307,652,127	98,010,499	542,502,695	***	81,110,880	3,406,285
1985	1,014,111,539	309,801,605	91,987,003	534,658,233	***	74,263,246	3,401,452
1986	1,037,192,777	308,024,669	87,352,525	560,499,024	***	77,357,617	3,958,942
1987	1,076,478,216	323,518,318	96,483,652	569,826,970	***	81,951,080	4,698,196
1988	1,111,772,499	325,176,859	109,664,111	588,118,666	***	83,689,494	5,123,369
1989	1,102,532,159	302,026,859	109,086,425	606,005,956	***	80,207,745	5,205,174

* 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.

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	INTRA-TERRITORY
TOTAL, ALL COMMODITIES	2,140,482,372	589,504,121	448,406,092	1,102,532,159	302,026,859	109,086,425	606,005,956	80,207,745	5,205,174
FARM PRODUCTS									
0101 COTTON, RAW	1,795,109	21,732	1,774,354	2,023	2,023	----------	----------	----------	----------
0102 BARLEY AND RYE	2,409,051	92,054	1,830,142	486,855	45	----------	486,810	----------	----------
0103 CORN	96,394,440	54,830	60,514,225	35,825,385	155,752	----------	35,657,851	11,782	----------
0104 OATS	1,187,063	805,881	6,131	375,051	4,024	----------	369,466	1,561	----------
0105 RICE	4,622,791	148,644	3,069,586	1,403,561	136,475	----------	1,271,892	----------	194
0106 SORGHUM GRAINS*	9,779,498	----------	7,360,531	2,418,967	6,554	----------	2,409,613	2,800	----------
0107 WHEAT	55,788,073	190,666	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	18,344	----------
0112 FLAXSEED	32,209	12,388	19,821	----------	----------	----------	----------	----------	----------
0117 OILSEEDS, NEC	574,108	64,056	472,014	38,038	7,725	----------	30,307	----------	6
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	----------	67,364	----------	----------
0129 FIELD CROPS, NEC	471,142	19,179	250,823	197,140	21,559	----------	173,949	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	1,349,260	1,183,437	116,920	48,903	48,874	----------	----------	----------	29
0134 COCOA BEANS	529,334	508,496	8,795	12,043	12,043	----------	----------	----------	----------
0141 FRESH AND FROZEN VEGETABLES	1,499,787	444,882	720,655	328,050	299,993	2,056	26,098	----------	3
0151 LIVE ANIMALS	77,424	2,961	3,695	70,768	70,708	----------	60	----------	----------
0161 ANIMALS AND PRODUCTS, NEC	1,252,236	242,243	987,396	22,597	22,007	----------	448	----------	142
0191 MISCELLANEOUS FARM PRODUCTS	128,070	50,313	33,596	44,161	42,443	6	1,710	----------	2
FOREST PRODUCTS									
0841 CRUDE RUBBER AND ALLIED GUMS	1,091,964	1,068,230	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	320,614	83,494	888,316	31,776	----------	835,165	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	8,143	1,043,743	72,548	----------	----------	72,548	----------	----------
1051 ALUMINUM ORES, CONCENTRATES	19,733,150	17,950,602	1,349,228	433,320	----------	----------	433,320	----------	----------
1061 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	810,816	5,079	----------	803,144	2,593	----------
COAL									
1121 COAL AND LIGNITE	304,828,959	2,350,604	98,671,394	203,806,961	12,833,882	19,195,777	166,760,148	5,017,154	----------
CRUDE PETROLEUM									
1311 CRUDE PETROLEUM	480,800,834	298,835,831	130,939	181,833,864	132,182,630	----------	45,893,444	3,757,790	----------
NONMETALLIC MINERALS, EXCEPT FUELS									
1411 LIMESTONE	41,261,627	2,278,857	3,506,363	35,476,407	21,661	22,915,018	12,490,495	49,174	59
1412 BUILDING STONE, UNWORKED	536,316	423,528	103,682	9,106	7,730	----------	1,376	----------	----------
1442 SAND, GRAVEL, CRUSHED ROCK	58,833,707	2,068,719	1,857,420	54,907,568	3,099,901	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	83,189	260
1471 PHOSPHATE ROCK	15,790,764	773,545	8,963,115	6,049,104	6,049,104	----------	----------	----------	----------
1479 NATURAL FERTILIZER MATS, NEC	17,475	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	----------	----------	6,815,652	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	4,666,693	84,074	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	78,586	----------	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	215,830	45,015	143,326	27,489	27,489	----------	----------	----------	----------
2031 FISH AND SHELLFISH, PREPARED	929,356	369,350	150,125	409,881	380,435	----------	29,432	----------	14
2034 VEGETABLES AND PREP, NEC	1,793,095	850,306	644,539	298,250	278,601	593	18,756	----------	----------
2037 PREP FRUIT AND VEG JUICE, NEC	2,368,477	1,485,142	434,822	448,513	448,410	----------	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	8,304,160	408,619	4,549,121	3,426,420	48,785	----------	3,371,638	5,945	72
2061 SUGAR	4,154,631	1,814,185	393,152	1,947,294	1,427,603	----------	515,211	4,480	----------
2062 MOLASSES	1,675,339	846,432	189,162	639,745	175,681	----------	361,993	102,091	----------
2081 ALCOHOLIC BEVERAGES	3,005,381	2,211,811	400,120	393,850	392,206	12	1,429	----------	203
2091 VEGETABLE OILS, MARG, SHORT	3,662,827	997,956	1,389,607	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	----------	----------	5,926	----------
2094 GROCERIES	498,586	----------	----------	498,586	488,330	184	8,886	----------	1,186
2095 ICE	99,133	----------	----------	99,133	97	96	98,258	682	----------
2099 MISCELLANEOUS FOOD PRODUCTS	2,951,974	785,361	848,195	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)

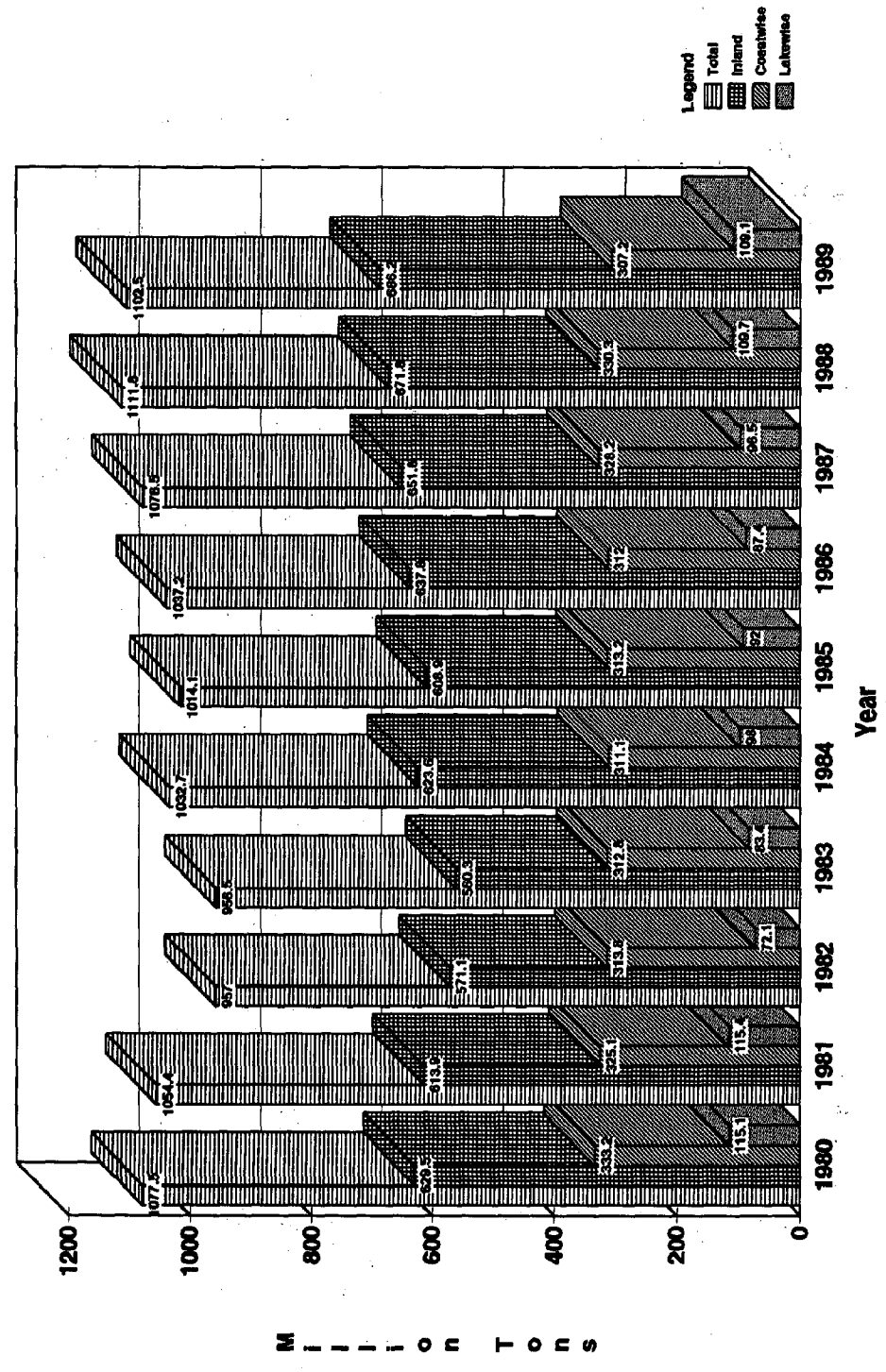
COMMODITY	TOTAL	FOREIGN		DOMESTIC					
		IMPORTS	EXPORTS	TOTAL	COASTWISE	LAKEWISE	INTERNAL	LOCAL	INTRA-TERRITORY
TOBACCO PRODUCTS									
2111 TOBACCO MANUFACTURES	308,106	7,104	273,836	27,166	27,166	----------	----------	----------	----------
BASIC TEXTILES									
2211 BASIC TEXTILE PRODUCTS	1,660,031	1,067,946	510,117	81,968	53,639	----------	27,968	----------	361
2212 TEXTILE FIBERS, NEC	94,500	57,842	6,918	29,740	20,716	----------	3,612	----------	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 PRODS., EXC. FURNITURE									
2411 LOGS	462,899	----------	----------	462,899	8,427	----------	454,470	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	126,976	23,644	184,726	26,229	----------	158,497	----------	----------
2414 TIMBER, POSTS, POLES, PILING	17,984,738	231,944	17,709,311	43,483	7,651	----------	35,205	627	----------
2415 PULPWOOD, LOG	3,902,525	----------	----------	3,902,525	12,918	----------	3,889,607	----------	----------
2416 WOOD CHIPS, STAVES, MOLDINGS	11,935,509	684,037	7,656,062	3,595,410	238	----------	3,588,766	6,406	----------
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	2,637,068	1,243,237	1,280,623	113,208	80,612	3,564	29,032	----------	----------
2491 WOOD MANUFACTURES, NEC	668,443	276,746	192,995	198,702	195,291	576	2,802	7	26
FURNITURE & FIXTURES									
2511 FURNITURE AND FIXTURES	1,364,984	1,239,871	100,432	224,681	218,506	3,892	1,319	----------	964
PULP, PAPER & ALLIED PRODUCTS									
2611 PULP	7,001,992	909,050	5,606,145	486,797	54,482	456	428,849	3,010	----------
2621 STANDARD NEWSPRINT PAPER	3,015,728	2,089,460	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	1,673,985	150,093	215,293	1,308,599	390,705	----------	907,391	6,355	4,148
PRINTED MATTER									
2711 PRINTED MATTER	316,499	202,849	94,819	18,831	18,828	----------	3	----------	----------
CHEMICALS & ALLIED PRODUCTS									
2810 SODIUM HYDROXIDE	9,383,340	540,234	3,080,767	5,763,339	1,297,248	----------	4,131,326	333,765	----------
2811 CRUDE TAR, OIL, GAS PRODUCTS	7,582,132	1,561,025	4,357,349	1,663,758	45,546	32,274	1,319,591	222,243	44,104
2812 DYES, PIGMENT, TANNING MATS	101,154	62,112	38,683	359	359	----------	----------	----------	----------
2813 ALCOHOLS	9,306,974	2,389,372	1,536,438	5,681,164	654,209	----------	4,253,946	773,009	----------
2816 RADIOACTIVE MATERIALS, WASTES	33,173	21,534	11,127	512	512	----------	----------	----------	----------
2817 BENZENE AND TOLUENE	7,099,845	522,110	634,189	5,943,546	443,924	----------	3,849,696	1,640,682	14,244
2818 SULPHURIC ACID	2,693,171	569,204	107,066	2,015,901	110,455	----------	1,504,468	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	4,302,711	140,158	128,755	80	8,579	----------	2,744
2822 SYNTHETIC RUBBER	559,664	245,384	521,274	95,006	9,465	----------	85,541	----------	----------
2823 SYNTHETIC (MAN-MADE) FIBERS	751,933	209,497	541,513	923	918	----------	5	----------	----------
2831 DRUGS	249,420	76,534	104,285	68,601	61,710	----------	6,744	----------	147
2841 SOAP	581,709	140,868	300,908	140,733	135,184	----------	3,166	1,212	1,171
2851 PAINTS	927,273	175,543	706,038	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	2,566,914	5,622,083	674,603	22,320	4,890,030	33,130	----------
2872 POTASSIC CHEM FERTILIZERS	4,369,724	2,017,048	1,010,236	1,342,440	144,930	24	1,189,886	7,602	----------
2873 PHOSPHATIC CHEM FERTILIZERS	1,630,172	53,198	987,049	589,925	183,944	----------	404,571	1,410	----------
2876 INSECTICIDES, DISINFECTANTS	221,928	32,721	179,021	9,286	7,938	----------	1,348	----------	----------
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	617,824	298,508	----------	308,878	10,451	187
PETROLEUM & COAL PRODUCTS									
2911 GASOLINE	107,902,530	19,769,708	1,902,803	86,230,019	43,734,227	626,841	32,033,869	8,916,618	1,018,464
2912 JET FUEL	13,268,177	6,008	----------	13,062,169	7,053,015	97,363	4,658,316	769,396	484,079
2913 KEROSENE	6,568,041	3,521,985	1,343,960	1,702,096	577,272	5,038	799,265	318,238	2,283
2914 DISTILLATE FUEL OIL	75,164,446	12,890,134	4,221,919	58,052,393	24,256,526	424,528	21,470,628	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	38,795,379	22,054,026	1,902,399
2916 LUBRICATING OILS AND GREASES	20,331,304	11,675,177	2,714,210	5,941,917	3,054,508	16,157	2,492,498	378,754	----------
2917 NAPHTHA, PETROLEUM SOLVENTS	22,021,994	11,902,131	1,584,788	8,535,075	1,529,579	----------	5,124,463	1,694,903	186,130
2918 ASPHALT, TAR, AND PITCHES	10,304,303	98,688	57,489	10,148,126	2,944,530	782,045	5,827,874	593,677	----------
2920 COKE, PETROLEUM COKE	27,636,683	3,128,615	17,461,648	7,046,420	134,939	178,903	6,171,449	561,129	----------
2921 LIQUEFIED GASES	6,059,269	3,134,146	1,405,559	1,519,564	313,490	12,810	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	5,298,494	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	----------	3,412	----------	198
3241 BUILDING CEMENT	23,803,542	12,383,076	185,020	11,235,446	1,465,683	3,022,675	6,434,375	312,713	----------
3251 STRUCTURAL CLAY PRODUCTS	1,249,110	1,336,279	156,378	56,053	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	468,348	25,092	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

TABLE 2--SUMMARY OF FOREIGN AND DOMESTIC WATERBORNE COMMERCE, BY TYPE OF TRAFFIC AND COMMODITY, CALENDAR YEAR 1969--CONTINUED

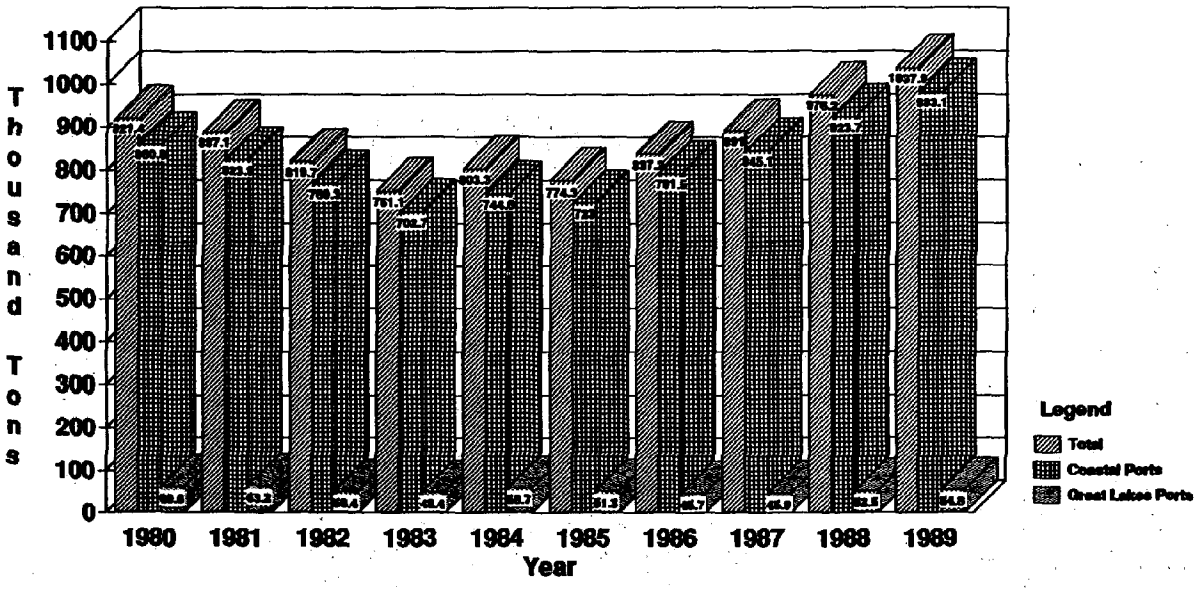
(NET TRAFFIC IN TONS OF 2,000 POUNDS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC					
		IMPORTS	EXPORTS	TOTAL	COASTWISE	LAKEWISE	INTERNAL	LOCAL	INTRA-TERRITORY
PRIMARY METAL PRODUCTS									
3311 PIG IRON	1,179,018	687,432	23,215	468,371	38	----------	463,817	4,516	----------
3312 SLAG	1,783,003	325,976	6,436	1,448,567	18,481	629,980	800,126	----------	----------
3313 COKE, PET ASPHALTS, SOLVENTS	25	----------	----------	25	25	----------	----------	----------	----------
3314 IRON AND STEEL PRIMARY FORMS	4,613,791	2,051,460	343,185	2,219,146	7,466	26,690	2,169,115	15,963	2
3315 IRON, STEEL SHAPES, 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	6,806,629	2,612,664	398,234	57,159	4,260	328,236	8,887	92
3317 IRON AND STEEL PIPE AND TUBE	3,459,306	2,582,771	455,044	921,491	61,037	1,006	848,086	10,954	8
3318 FERROALLOYS	2,262,529	1,326,932	51,526	884,069	9,248	----------	873,421	1,400	----------
3319 IRON AND STEEL PRODUCTS, NEC	1,133,579	411,062	18,408	704,109	30,350	49,670	617,798	1,914	391
3321 NONFERROUS METALS, NEC	348,370	155,361	162,217	26,792	1,917	----------	24,875	----------	----------
3322 COPPER ALLOYS, UNWORKED	756,569	482,673	233,360	40,536	9,044	----------	31,090	330	72
3323 LEAD AND ZINC, UNWORKED	348,532	249,765	72,696	22,071	1,065	----------	19,161	1,845	----------
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. EQUI									
3411 FABRICATED METAL PRODUCTS	5,485,691	2,793,634	420,657	2,271,000	1,590,435	513	672,483	2,455	5,314
MACHINERY, EXCEPT ELECTRICAL									
3511 MACHINERY, EXCEPT ELECTRICAL	7,857,987	4,489,619	2,345,844	1,022,524	256,740	640	744,639	18,722	3,503
ELECTRICAL MACHINERY, EQUIPMENT & SUPPLIES									
3611 ELECTRICAL MACH AND EQUIP	4,498,371	3,353,268	1,002,687	142,416	132,667	44	7,533	----------	2,232
TRANSPORTATION EQUIPMENT									
3711 MOTOR VEHICLES, PARTS, EQUIP	9,568,995	6,938,230	1,626,899	1,003,866	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	309,850	91,430	154,983	152,809	----------	2,174	----------	----------
INSTRUMENTS, PHOTOGRAPHIC & OPTICAL GOODS, WATCHES & CLOCKS									
3811 INSTR, TIME, PHOTO, OPT GOODS	568,447	331,609	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	181,947	----------	1,348,188	----------	1,419
WASTE & SCRAP MATERIALS									
4011 IRON AND STEEL SCRAP	14,426,222	187,365	10,407,165	3,831,728	102,948	17,438	3,194,378	517,821	39
4012 NONFERROUS METAL SCRAP	1,670,537	527,950	1,060,656	81,931	13,025	49,112	19,715	----------	79
4022 TEXTILE WASTE, SCRAP, SHEEP	276,277	21,961	247,588	8,728	8,708	----------	20	----------	----------
4026 PAPER WASTE AND SCRAP	4,726,001	12,496	4,687,121	26,384	26,384	----------	----------	----------	----------
4029 WASTE AND SCRAP, NEC	33,559,957	184,620	10,188	33,365,349	397,441	333	24,975,459	7,992,046	50
SPECIAL ITEMS									
4111 WATER	1,699,860	294,000	10,877	1,395,183	2,372	----------	1,338,513	50,297	1
4112 COMMODITIES, NEC	6,177,366	640,319	429,724	5,107,330	4,794,167	43,633	183,196	4,576	131,736
4119 EMPTY CONTAINERS	81,081	----------	----------	81,021	58,296	8	22,663	----------	54
9999 DEPARTMENT OF DEFENSE AND SCI	6,128	69	6,059	----------	----------	----------	----------	----------	----------

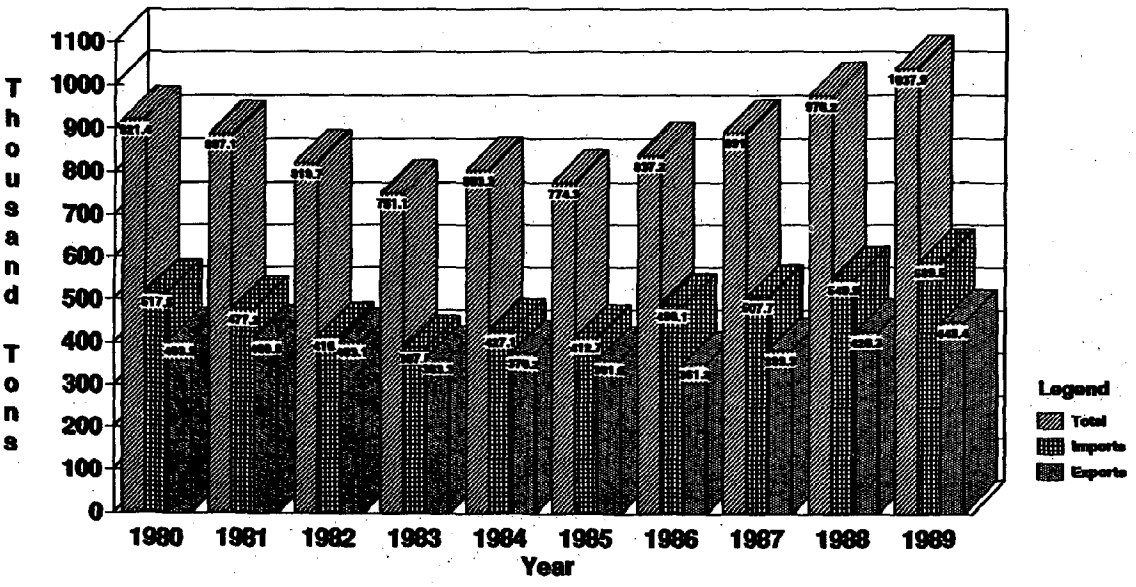
Domestic Waterborne Commerce of the U.S.
by Type of Traffic 1980-1989



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

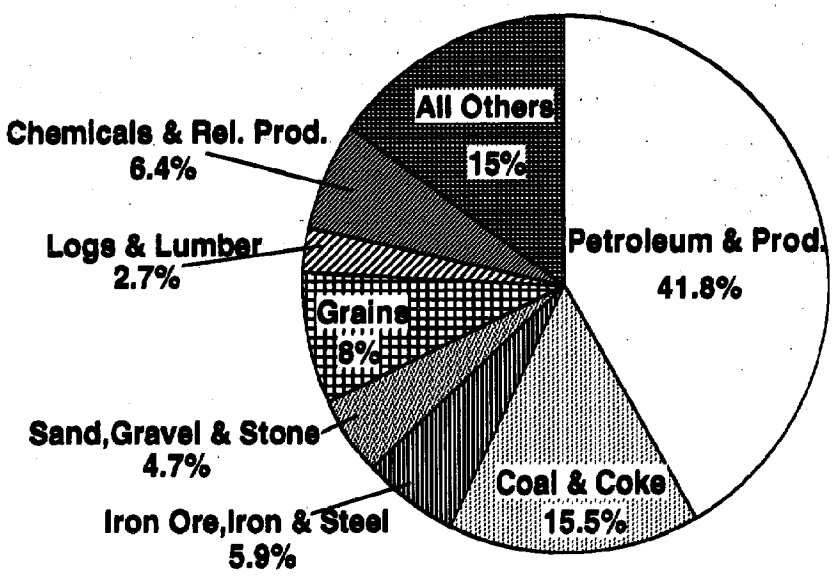


Foreign Waterborne Imports and Exports
1980-1989

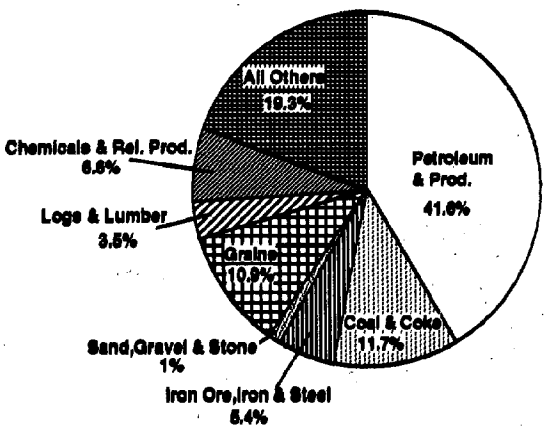


National Summaries
Principal Commodities Carried by Water
Calendar Year 1989

Total Commerce



Foreign Commerce



Domestic Commerce

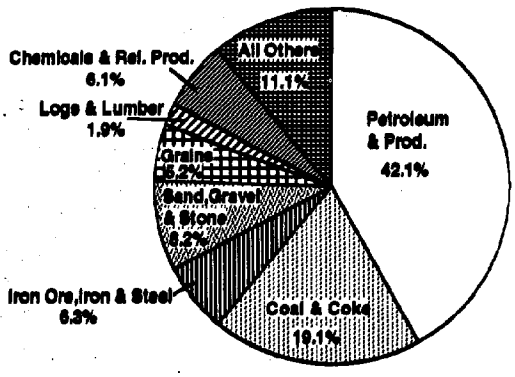


TABLE 2A--SUMMARY OF FOREIGN COMMERCE AT COASTAL PORTS, BY COMMODITY, CALENDAR YEAR 1989

(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	15,235,095	3,063	15,232,032
0112 FLAXSEED	20,075	254	19,821
0119 OILSEEDS, NEC	523,697	51,685	472,014
0121 TOBACCO, LEAF	476,811	204,666	272,145
0122 HAY AND FODDER	2,237,842	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	184,709	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	84,494,138	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	423,229	103,119
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	8,774,138	8,715,240	58,898
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	519,468	369,346	150,122
2034 VEGETABLES AND PREP, NEC	1,494,443	850,073	644,370
2037 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	846,432	188,731
2081 ALCOHOLIC BEVERAGES	2,609,102	2,209,085	400,017
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, INCUDING 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	2,682,289	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	4,496,267	11,606,183
2821 PLASTIC MATERIALS	5,306,548	1,006,060	4,300,588
2822 SYNTHETIC RUBBER	750,117	228,884	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	385,943	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	3,088	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	16,853,833	12,631,914	4,221,919
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, TAR, 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	423,852	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	14,356	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 SLAG	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

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	1,520,184	470,597	1,049,587
4022 TEXTILE WASTE, SCRAP, SWEEP	269,364	21,894	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 28--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	724,595	284,641
0103 CORN	2,475,263				2,475,263	2,057,262	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	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	190,241	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	15,078				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, INCUDING 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	724		724
2491 WOOD MANUFACTURES, NEC	2,713	2,576	2,253	323	137	129	8

TABLE 28--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
FURNITURE & FIXTURES							
2511 FURNITURE AND FIXTURES	493	437	169	268	56	28	28
PULP, PAPER & ALLIED PRODUCTS							
2611 PULP	163,794	154,666	96,582	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				
2911 CRUDE TAR, OIL, GAS PRODUCTS	183,948	158,909	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, WASTES	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	396	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 POTASSIC CHEM FERTILIZERS	836,853	836,853	836,853				
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	13,182	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 PITCHES	6,630				6,630	6,630	
2920 COKE, PETROLEUM COKE	1,530,036	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	5,287				5,287	5,287	
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							
3341 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 SHAPES, EXC SHEET	388,594	387,913	3,765	384,148	681		681
3316 IRON AND STEEL PLATES, SHEETS	2,315,352	1,525,473	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	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	5,523	4,399	1,124
MACHINERY, EXCEPT ELECTRICAL							
3511 MACHINERY, EXCEPT ELECTRICAL	80,383	41,874	21,833	20,041	38,509	8,230	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	843	509	----	509	334	----	334
WASTE & SCRAP MATERIALS							
4011 IRON AND STEEL SCRAP	871,962	12,828	7,536	5,292	859,154	39,869	819,285
4012 NONFERROUS METAL SCRAP	68,422	57,353	76	57,277	11,069	----	11,069
4022 TEXTILE WASTE, SCRAP, SHEEP	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

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

(IN TONS OF 2,000 POUNDS)

PORT	TOTAL	FOREIGN		DOMESTIC				
				COASTWISE		INTERNAL		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
ALABAMA								
GUNTERSVILLE	1,858,005	----------	----------	----------	----------	1,291,077	565,384	1,544
MOBILE HARBOR	39,980,202	6,623,013	11,830,592	1,148,953	1,088,955	12,116,851	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	155,004	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	13,492,140	11,261,409	11,471,021	4,344,625	1,066,909	3,003,829	2,612,123
MOSS LANDING HARBOR	278,407	----------	----------	220,427	----------	3,380	54,600	----------
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	38,405	31,069	2,178	----------
REDWOOD CITY HARBOR	944,682	143,163	287,245	80,386	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	320,176
SACRAMENTO	1,298,744	141,054	799,825	346,023	7,795	47	----------	----------
SAN DIEGO	1,741,166	729,056	208,449	336,627	52,780	152,936	----------	281,318
SAN FRANCISCO HARBOR	3,359,280	1,008,913	826,102	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	1,249,857	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	27,145
DISTRICT OF COLUMBIA								
WASHINGTON HARBOR	558,685	----------	----------	----------	----------	558,685	----------	----------
FLORIDA								
CANAVERAL HARBOR	2,316,535	1,019,364	285,973	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	2,938,807	5,081,026	1,623,934	116,628	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	804,979	558,879	261,161	866,256	703	27,048	----------
PANAMA CITY HARBOR	2,495,507	54,105	507,451	----------	----------	1,884,412	49,339	----------
PENSACOLA HARBOR	1,656,897	17,989	330,417	10,667	31,557	820,028	446,239	----------
PORT EVERGLADES HARBOR	14,604,674	3,917,978	911,760	9,487,707	280,487	71,726	15,016	----------
TAMPA HARBOR	49,280,790	5,655,572	15,461,397	20,840,772	7,259,165	38,912	8,045	16,927
WEEDON ISLAND	769,609	----------	----------	----------	----------	----------	----------	----------
GEORGIA								
BRUNSWICK HARBOR	2,029,882	1,196,873	616,072	----------	4,933	189,690	19,830	2,484
SAVANNAH HARBOR	12,830,333	4,992,710	5,399,510	1,413,817	361,355	83,254	215,888	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	10,380,134	815,645	192,764	4,561,160	4,622,791	----------	53,479	114,295
KAHULUI HARBOR, MAUI	2,278,516	12,888	10,514	1,649,487	605,627	----------	----------	----------
KAWAIHAE HARBOR, HAWAII	732,392	10,788	1,419	445,587	274,598	----------	----------	----------
NAWILIWILI 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		DOMESTIC				
				COASTWISE		INTERNAL		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
KENTUCKY								
LOUISVILLE	7,660,322	----------	----------	----------	----------	5,942,615	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	18,802,458	4,914,906	946,351	3,613,693	5,846,108	6,044,726	644,883
LAKE PROVIDENCE	618,060	----------	----------	----------	----------	455,546	162,514	----------
NEW ORLEANS	177,522,833	19,023,530	50,496,692	2,384,490	15,654,416	58,327,002	17,956,416	3,770,287
MAINE								
BUCKSPORT HARBOR	1,091,702	720,864	26,399	321,292	----------	----------	23,147	----------
PORTLAND HARBOR	8,161,682	6,036,676	66,056	1,961,142	45,072	20,357	----------	32,379
SEARSPORT HARBOR	1,083,166	606,096	40,018	428,734	8,318	----------	----------	----------
MARYLAND								
BALTIMORE HARBOR AND CHANNELS	44,883,667	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	18,989,416	11,585,226	569,192	5,414,001	808,599	47,399	----------	574,999
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	----------	----------	----------	----------	3,480,751	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	----------	----------	113,019	56,076	----------
NATCHEZ	465,079	----------	----------	----------	----------	272,348	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	514,727	1,104,107	18,990	----------	----------	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	2,338,721	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	29,532,439
TARRYTOWN HARBOR	397,189	----------	----------	16,399	----------	380,790	----------	----------
NORTH CAROLINA								
MOREHEAD 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	54,353
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	462,818
OREGON SLOUGH (NORTH PORTLAND HARBOR)	2,284,496	340,916	1,295,328	12,599	94,470	195,282	137,401	----------
PORT OF ASTORIA	1,128,303	4,440	944,150	----------	4,007	154,580	17,126	----------
PORT OF PORTLAND	30,029,747	3,074,417	14,970,832	2,429,834	519,857	5,014,605	2,918,298	1,101,904
YAQUINA BAY AND HARBOR	384,705	----------	179,816	----------	183,228	21,661	----------	----------

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

(IN TONS OF 2,000 POUNDS)

PORT	TOTAL	FOREIGN		DOMESTIC				
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		LOCAL
				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 MANOR AND VICINITY	3,645,099	3,202,512	98,086	12,030	----------	259,045	73,426	----------
PHILADELPHIA HARBOR	36,050,212	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 (WINYAH BAY)	876,604	786,843	31,025	5,521	----------	15,753	37,662	----------
TENNESSEE								
CHATTANOOGA	2,262,827	----------	----------	----------	----------	2,208,927	53,900	----------
KNOXVILLE	252,660	----------	----------	----------	----------	188,262	64,398	----------
MEMPHIS	11,843,550	276	----------	----------	----------	8,466,052	3,079,547	297,675
PORT OF NASHVILLE	3,348,754	----------	----------	----------	----------	3,152,089	195,852	813
TEXAS								
BEAUMONT	31,668,257	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	5,576,422	1,327,776	3,175,626	497,360	2,575,033	2,326,872	96,909
GALVESTON (GALVESTON CHANNEL)	11,837,611	2,131,671	5,541,054	278,337	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	23,763,308	4,041,459	9,557,842	22,538,025	16,073,629	9,848,808
MATAGORDA 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	898,189	2,480,953	1,996,147	5,933,384	180,311
PORT ISABEL	283,335	----------	----------	----------	----------	112,246	151,089	----------
SABINE PASS HARBOR	726,141	901	----------	----------	----------	306,944	418,236	----------
TEXAS CITY (TEXAS CITY CHANNEL)	41,272,401	20,170,819	1,932,922	2,958,100	3,966,389	4,901,675	7,085,313	257,183
VICTORIA	3,142,614	----------	----------	----------	----------	1,348,475	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	1,368,751	22,291	406,156	1,700	134,972	386,183	357,449	----------
PORT OF NEWPORT NEWS	21,851,818	709,238	18,574,341	70,908	682,986	537,593	1,273,721	3,031
PORT OF RICHMOND	2,295,162	189,527	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	338,903	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 CHEHALIS RIVER	5,348,920	44,603	3,035,932	67,099	99,312	----------	----------	2,101,974
HAMMERSLEY INLET	419,526	----------	----------	----------	----------	28,889	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	586,165	----------	----------	----------	109,081	294,086	162,998	----------
PORT OF KALAMA	7,012,855	47,739	6,192,693	----------	228,480	542,286	1,657	----------
PORT OF LONGVIEW	8,023,541	864,069	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	985,682	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 HBR AND NASELLE RIVER	285,204	----------	----------	----------	----------	283,104	----------	2,100
WEST VIRGINIA								
HUNTINGTON	15,707,397	----------	----------	----------	----------	303,072	15,404,325	----------
PUERTO RICO						INTRATERRITORY		
FAJARDO HARBOR	252,090	----------	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	----------	267,506	8,486	----------

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.	----------	748,193	309,253	417	3,897	----------	434,126	500
CAMDEN-GLOUCESTER, N. J.	----------	7,629,759	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	----------	29,905,912	14,713,661	133,077	4,809,397	----------	9,866,936	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	----------	5,278,045	287,029
PENN MANOR, PA., AND VICINITY	----------	3,645,099	3,202,512	98,088	12,030	----------	332,471	----------
PENNSGROVE-CARNEY POINT, N. J.	----------	264,165	90,631	72,304	13,481	----------	87,749	----------
PHILADELPHIA HARBOR, PA.	----------	36,060,212	19,988,993	2,915,912	3,171,663	----------	8,813,443	1,170,181
THOMPSON 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.	----------	5,738,484	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	36,122,462	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	1,837,770
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	1,837,770
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.	----------	25,105,335	2,529,195	5,781,847	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	----------	3,783,547	1,244,552	1,648,264	282,051	----------	608,680	----------
SAN PABLO BAY AND MARE ISLAND STRAIT, CALIF.	----------	9,130,924	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	----------	14,841,928	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	2,590,887

TABLE 4--COMMERCE AT SELECTED PORTS ON THE GREAT LAKES, CALENDAR YEAR 1989

(IN TONS OF 2,000 POUNDS)

PORT	TOTAL	FOREIGN				DOMESTIC				INTERNAL	LOCAL
		IMPORTS		EXPORTS		LAKEWISE		COASTWISE			
		CANADIAN	OVERSEAS	CANADIAN	OVERSEAS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS		
ILLINOIS											
PORT OF CHICAGO	25,845,821	1,807,418	1,355,300	742,504	336,226	2,949,057	1,348,988	----------	5,002	12,388,466	2,513,060
WAUKEGAN HARBOR	470,047	----------	----------	----------	----------	470,047	----------	----------	----------	----------	----------
INDIANA											
BUFFINGTON HARBOR	998,695	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
BURNS WATERWAY HARBOR	3,695,318	1,653,518	165,662	95,529	404,868	5,567,782	88,439	----------	----------	718,585	----------
GARY HARBOR	3,305,159	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
INDIANA HARBOR	15,054,899	315,326	306,236	29,125	19,165	11,874,425	1,827,749	----------	----------	605,071	77,807
MICHIGAN											
ALABASTER	892,923	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
ALPENA HARBOR	2,397,197	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	8,767,196	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
GRAND HAVEN HARBOR AND GRAND RIVER	1,333,198	96,645	----------	240,527	13,200	670,192	312,826	----------	----------	----------	----------
HOLLAND HARBOR	361,220	24,030	----------	----------	10,697	326,493	----------	----------	----------	----------	----------
LUDINGTON HARBOR	1,179,200	----------	----------	----------	2,204	671,239	505,757	----------	----------	----------	----------
MANISTEE HARBOR	324,696	30	----------	----------	----------	324,668	----------	----------	----------	----------	----------
MARINE CITY	327,503	----------	----------	----------	----------	327,503	----------	----------	----------	----------	----------
MARQUETTE HARBOR	770,414	----------	20	----------	----------	770,394	----------	----------	----------	----------	----------
MARYSVILLE	356,896	115,947	----------	120,391	24	317,825	6,709	----------	----------	----------	----------
MONROE HARBOR	1,489,864	77,140	----------	9,978	----------	1,402,745	----------	----------	----------	----------	----------
MUSKEGON HARBOR	1,876,836	6,830	----------	----------	25,375	1,844,384	247	----------	----------	----------	----------
PORT DOLOMITE	5,535,510	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
PORT GYPSUM	857,102	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
PORT HURON	1,036,952	577,404	4,165	267,092	28,353	387,038	----------	----------	----------	----------	----------
PORT INLAND	3,958,287	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
PORT OF DETROIT	20,700,867	1,558,497	1,070,428	338,856	843,938	16,365,248	517,360	----------	----------	----------	14,548
PRESQUE ISLE HARBOR	12,155,757	34	----------	3,572,550	398	1,554,480	7,028,515	----------	----------	----------	----------
ST. CLAIR	5,756,198	----------	----------	----------	----------	5,756,198	----------	----------	----------	----------	----------
ST. JOSEPH HARBOR	385,508	----------	----------	----------	----------	385,508	----------	----------	----------	----------	----------
STONEPORT	8,887,829	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
MINNESOTA											
DULUTH - SUPERIOR HARBOR	40,802,541	817,306	39,558	3,948,512	2,233,300	2,727,823	30,756,498	----------	----------	----------	279,544
TACONITE HARBOR	8,991,682	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
TWO HARBORS (AGATE BAY)	10,535,909	----------	----------	----------	----------	6,814	10,529,095	----------	----------	----------	----------
NEW YORK											
OSWEGO HARBOR	785,842	610,642	6,512	----------	1,032	32,950	----------	----------	----------	98,706	----------
PORT OF BUFFALO	2,145,188	378,856	139	29,133	5,485	1,700,637	32,938	----------	----------	----------	----------
OHIO											
ASHTABULA HARBOR	10,322,453	250,100	222,522	3,753,217	147,041	5,053,677	916,898	----------	----------	----------	----------
CLEVELAND HARBOR	14,687,619	2,772,647	342,109	461,310	215,081	10,171,120	524,462	349	----------	----------	2,421
CONNEAUT HARBOR	8,869,518	69,868	----------	5,137,066	----------	2,425,057	1,257,387	----------	----------	----------	----------
FAIRPORT HARBOR	2,634,271	12,877	----------	393,820	----------	1,681,206	373,362	----------	----------	----------	113,006
HURON HARBOR	590,603	52,834	----------	47,362	----------	489,809	----------	----------	----------	----------	----------
LORAIN HARBOR	14,588,173	5,506	----------	----------	9,387	8,603,856	5,989,428	----------	----------	----------	----------
MARBLEHEAD	912,141	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
SANDUSKY HARBOR	8,485,328	9,918	----------	3,557,213	13,570	269,620	634,471	----------	----------	----------	532
TOLEDO HARBOR	14,805,633	883,804	286,516	4,893,667	557,432	8,059,061	4,252,482	----------	----------	----------	72,671
PENNSYLVANIA											
ERIE HARBOR	733,505	150,201	7,871	----------	67,556	328,797	----------	----------	----------	----------	179,081
WISCONSIN											
DULUTH - SUPERIOR HARBOR	40,802,541	817,306	39,558	3,948,512	2,233,300	2,727,823	30,756,498	----------	----------	----------	279,544
GREEN BAY HARBOR	1,548,870	58,841	58,403	----------	59,796	1,372,830	----------	----------	----------	----------	----------
MILWAUKEE	2,379,208	472,823	68,403	392,454	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	10,363	9
ATLANTIC INTRACOASTAL WATERWAY'			
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	152,844	4,460	29
U. S. ARMY ENGINEER DISTRICT, NORFOLK - VIA GREAT BRIDGE LOCK ROUTE	1,151,327	17,248	15
U. S. ARMY ENGINEER DISTRICT, WILMINGTON	3,464,489	281,441	81
U. S. ARMY ENGINEER DISTRICT, CHARLESTON	513,547	87,518	170
U. S. ARMY ENGINEER DISTRICT, SAVANNAH	748,335	47,672	64
U. S. ARMY ENGINEER DISTRICT, JACKSONVILLE	545,338	12,851	24
BAY RIDGE AND RED HOOK CHANNELS, N. Y.	2,945,329	7,852	3
BLACKWATER RIVER, VA.	387,755	5,041	13
BRETON BAY, MD.	920,820	5,501	6
BUTTERMILK CHANNEL, N. Y.	850,456	1,683	2
CAPE COD CANAL, MASS.	13,285,759	209,424	16
CAPE FEAR RIVER ABOVE WILMINGTON, N. C.	180,237	8,952	50
CHANNEL TO NEWPORT NEWS, VA.	27,974,813	137,874	5
CHELSEA RIVER, MASS.	7,888,946	21,276	3
CHOPTANK RIVER, MD.	392,379	5,837	15
CHOWAN RIVER, N. C.	387,856	18,937	49
CONEY ISLAND CHANNEL, N. Y.	1,566,267	1,566	1
CONNECTICUT RIVER BELOW HARTFORD, CONN.	1,435,259	53,327	37
DELAWARE RIVER'			
TRENTON, N. J., TO THE SEA (NET)	117,299,847	8,860,722	76
AT CAMDEN, N. J.	4,162,927	#	-----
BETWEEN PHILADELPHIA, PA., AND TRENTON, N. J.	11,252,432	203,640	18
PHILADELPHIA, PA., TO THE SEA	116,864,915	8,659,732	74
EAST CHESTER CREEK, N. Y.	1,612,944	7,435	5
EAST RIVER, N. Y.	38,157,740	520,648	14
EAST ROCKAWAY INLET, N. Y.	1,111,226	1,111	1
FLUSHING BAY AND CREEK, N. Y.	1,867,239	3,997	2
GOWANUS CANAL, N. Y.	544,500	818	2
GOWANUS CREEK CHANNEL, N. Y.	5,668,772	3,669	1
GRAVESEND BAY, N. Y.	1,987,871	2,249	1
HACKENSACK 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'			
DEEP WATER IN UPPER BAY, N. Y., TO WATERFORD, N. Y. (NET)	21,354,991	1,470,774	69
MOUTH OF SPUYTEN 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 CHESAPEAKE BAY, DEL. AND MD. - CHESAPEAKE AND DELAWARE CANAL	17,748,761	817,304	46
INTRACOASTAL WATERWAY'			
JACKSONVILLE TO MIAMI, FLA.	536,540	21,142	39
MIAMI TO KEY WEST, FLA.	393,546	31,871	81
JAMAICA BAY, N. Y.	1,614,291	18,068	12
JAMES RIVER, VA.	8,893,784	542,372	61
LITTLE RIVER (CREEK), VA.	307,289	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.	3,648,715	3,655	1
NANTICOKE RIVER (INCLUDING NORTHWEST FORK), DEL. AND MD.	809,154	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	1,019,819	10
NEWARK BAY, N. J.	26,538,736	94,613	4
NEWPORT NEWS CREEK, VA.	257,585	258	1
NEWTOWN CREEK, N. Y.	2,396,480	3,806	2
NORTHEAST (CAPE FEAR) RIVER, N. C.	404,040	2,024	5
OCCOQUAN CREEK, VA.	840,927	5,070	6
OYSTER BAY, N. Y.	873,584	826	1
PAMLICO AND TAR RIVERS, N. C.	2,855,362	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	13,084	4
POCOMOKE RIVER, MD. AND VA.	592,448	9,500	16
POTOMAC RIVER BELOW WASHINGTON, D. C.	4,295,010	250,908	58
RARITAN RIVER TO ARTHUR KILL CUT-OFF CHANNEL, N. J.	2,691,120	2,691	1
RARITAN RIVER, N. J.	3,424,475	7,557	2
ROANOKE RIVER, N. C.	243,867	8,101	33
SCHUYLKILL RIVER, PA.	7,693,534	23,493	3
SHIPYARD RIVER, S. C.	1,275,619	1,276	1
ST. JOHNS RIVER, FLA., JACKSONVILLE TO LAKE MARNEY	673,470	60,109	89
SUSQUEHANNA RIVER ABOVE AND BELOW HAVRE DE GRACE, MD.	898,546	7,178	8
THAMES RIVER, CONN.	567,072	2,842	5
UPPER BAY, NEW YORK HARBOR, N. Y. AND N. J.	131,132,644	435,796	3
WESTCHESTER CREEK, N. Y.	383,450	918	2
WEYMOUTH FORE RIVER, MASS.	1,456,804	11,512	8
WICOMICO RIVER (EASTERN SHORE), MD.	961,072	23,659	25
WILMINGTON HARBOR, N. C. (SEE PORT OF WILMINGTON, N.C., FOR PORT DATA)	6,781,891	170,760	25
WOODS HOLE CHANNEL, MASS.	318,088	318	1
YORK RIVER, VA.	7,031,350	52,871	8
GREAT LAKES			
CALUMET - SAG CHANNEL, ILL.	6,548,155	146,691	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.	2,219,769	9,183	4
CHICAGO SANITARY AND SHIP CANAL, ILL.	16,907,563	225,006	13

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

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.	560,793	3,670	6
ROUGE RIVER, MICH.	8,043,740	*	*****
SAGINAW RIVER, MICH.	4,673,985	*	*****
ST. CLAIR RIVER, MICH.	78,457,631	2,665,173	34
ST. MARYS FALL CANAL, MICHIGAN AND SAULT STE. MARIE, ONTARIO SHIP CANAL, CANADA	75,142,816	*	*****
ST. MARYS RIVER, MICH.	73,469,580	4,431,491	60
GULF COAST			
ALABAMA - COOSA RIVERS, ALA. AND GA.	2,038,298	181,909	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	104,362	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 CAILLOU, LA.	987,013	5,304	5
BAYOU TECHE AND VERMILION RIVER, LA.	943,567	11,862	13
BAYOU TECHE, LA.	1,147,593	43,113	38
BLACK WARRIOR AND TOMBIGBEE RIVERS, ALA.	19,570,336	4,862,584	248
BRAZOS ISLAND HARBOR, TEX. (WATERWAY)	1,624,299	8,537	5
CALCASIEU RIVER AND PASS, LA.	40,813,125	1,077,681	26
CEDAR BAYOU, TEX.	308,807	1,286	4
CHANNEL TO PALACIOS, TEX.	4,715,349	118,067	25
CHANNEL TO VICTORIA, TEX.	3,142,614	90,010	29
CHICKASAW CREEK, ALA.	5,749,654	11,883	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.	60,478,858	1,378,142	23
DICKINSON BAYOU, TEX.	475,275	4,343	9
EAST PEARL RIVER, MISS.	299,938	933	3
ESCAMBIA AND CONECUH RIVERS, FLA. AND ALA., ESCAMBIA BAY, FLA.	1,952,618	39,723	20
FRESHWATER BAYOU, LA.	542,467	9,502	18
GULF COUNTY CANAL, FLA.	3,142,103	15,809	5
GULF INTRACOASTAL WATERWAY:			
BETWEEN APALACHEE BAY, FLA., AND THE MEXICAN BORDER	112,739,177	20,786,364	184
MORGAN CITY - PORT ALLEN ROUTE	27,264,185	1,654,458	61
HOUMA NAVIGATION CANAL, LA.	1,105,709	26,263	24
INNERHARBOR NAVIGATION CANAL, LA.	7,389,668	19,256	3
INTRACOASTAL WATERWAY, CALOOSAHATCHEE RIVER TO ANCLOTE RIVER, FLA.	603,118	30,366	38
JOHNSONS BAYOU, LA.	765,454	3,038	4
LAKE PONTCHARTRAIN, LA.	1,404,739	29,500	21
MATAGORDA SHIP CHANNEL, TEX.	4,715,349	118,067	25
MERMENTAU RIVER, BAYOUS NEZPIQUE AND DES CANNES, LA.	1,303,650	43,622	33
MERMENTAU RIVER, LA.	945,614	24,159	26
OKEECHOBEE WATERWAY, FLA.	679,957	18,343	27
PETIT ANSE, TIGRE AND CARLIN BAYOUS, LA.	1,948,996	8,820	5
SABINE - NECHES WATERWAY, TEX.	96,563,829	2,400,473	25
SAN BERNARD RIVER, TEX.	529,648	13,771	26
ST. MARKS RIVER, FLA.	639,072	7,219	11
THREE MILE CREEK, ALA.	312,091	457	1
TRIBUTARY ARROYO 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	52,108	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	1,215,034	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
HIWASSEE RIVER, TENN.	857,857	15,728	18
ILLINOIS RIVER, ILL.	36,617,265	7,500,118	205
KANAWHA RIVER, W. VA.	18,905,241	1,269,365	67
KASKASKIA RIVER, ILL.	4,022,062	97,898	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.	7,289,210	443,664	61
MISSISSIPPI RIVER:			
MINNEAPOLIS, MINN., TO MOUTH OF PASSES (NET)	462,735,996	193,765,799	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.	351,655,147	22,552,815	64
NEW ORLEANS, LA., TO MOUTH OF PASSES	281,225,303	25,040,008	89
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, MONT., 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	189,464	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	1,525,674	40
MOUTH OF YAZOO RIVER, MISS.	1,649,881	8,023	5
OHIO RIVER, PITTSBURGH TO MOUTH	202,669,525	51,595,916	255
OUACHITA AND BLACK RIVERS, ARK. AND LA.	1,233,355	123,884	100
RED RIVER BELOW FULTON, ARK.	4,902,616	546,594	111
TENNESSEE RIVER, TENN., ALA. AND KY.	43,061,766	6,512,433	151
WHITE RIVER, ARK., BELOW BATESVILLE, ARK.	484,426	58,628	121
WOLF RIVER, TENN.	1,089,067	2,576	2
YAZOO RIVER, MISS.	441,196	31,397	71
PACIFIC COAST			
CARQUINEZ STRAIT, CALIF.	28,117,447	192,008	7
COEUR D'ALENE LAKE AND ST. JOE RIVER, IDAHO	461,187	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	670,040	95
COLUMBIA RIVER AND TRIBUTARIES ABOVE MCNARY LOCK AND DAM TO KENNEWICK, WASH.	6,072,974	234,592	39
BETWEEN WENATCHEE AND KETTLE FALLS, WASH.	62,957	630	10
COLUMBIA RIVER[1]			
COOS AND MILLICOMA RIVERS, OREG.	250,212	2,589	10
LAKE WASHINGTON SHIP CANAL, WASH.	1,365,733		-----
MOLTNOMAH CHANNEL, OREG.	1,397,256	14,249	9
PETALUMA RIVER, CALIF.	351,414	3,770	11
ROGUE RIVER, OREG.	561,448	561	1
SACRAMENTO RIVER DEEP WATER SHIP CHANNEL, CALIF.	1,286,902	52,753	41
SACRAMENTO RIVER, CALIF.	1,440,803	56,654	39
SAN JOAQUIN RIVER, CALIF.	3,818,847	95,882	25
SAN PABLO AND MARE ISLAND STRAIT, CALIF.	36,352,411	396,918	11
SERGIUS AND WHITESTONE NARROWS, ALASKA	673,653	*	-----
SKAGIT RIVER, WASH.	357,680	4,872	14
SKIPANON CHANNEL, OREG.	1,090,720	83	
SNAKE RIVER, OREG., WASH., AND IDAHO	5,930,264	532,904	90
SUISUN BAY CHANNEL, CALIF.	7,507,662	74,990	10
SWINOMISH CHANNEL, WASH.	1,723,988	4,252	2
UMPQUA RIVER, OREG.	519,069	5,589	11
WILLAMETTE RIVER ABOVE PORTLAND AND YAMHILL RIVER, OREG.	1,981,328	12,711	6
WRANGELL NARROWS, ALASKA	938,995	22,181	24
YUKON RIVER, ALASKA	44,043	10,562	240

* TON-MILES NOT REPORTED.
[1] 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	28,204,948
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	257,806,540	268,089,639
GREAT LAKES SYSTEM*	83,078,874	85,847,239
TOTAL	436,184,504	448,687,169

* DOES NOT INCLUDE TRAFFIC BETWEEN FOREIGN PORTS.

TABLE 7 - TON-MILEAGE OF UNITED STATES FREIGHT CARRIED ON THE GREAT LAKES BY AREA, CALENDAR YEAR 1989

(000 OMITTED)

AREA	AREA TOTALS	FOREIGN				DOMESTIC						
		OVERSEAS		CANADIAN		COASTWISE		LAKEWISE		INTERNAL		LOCAL
		RECEIPTS AND SHIPMENTS	THROUGH	RECEIPTS AND SHIPMENTS	THROUGH	RECEIPTS AND SHIPMENTS	THROUGH	RECEIPTS AND SHIPMENTS	THROUGH	RECEIPTS AND SHIPMENTS	THROUGH	RECEIPTS AND SHIPMENTS
LAKE SUPERIOR	24,426,341	871,538	----------	2,947,570	----------	----------	-------	20,606,726	----------	----------	-------	507
ST. MARYS RIVER	4,432,508	14	143,216	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)	15,148,139	958,596	----------	1,940,483	----------	112	-------	11,832,678	----------	258,949	93,279	64,042
LAKE HURON	18,346,965	13,954	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	3,668,649	1,628,761	56	-------	3,941,173	12,719	----------	-------	3,616
WELLAND CANAL	739,275	----------	252,518	----------	483,164	----------	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	85,847,239	2,255,503	6,252,804	9,624,261	8,986,340	168	58	39,751,346	18,556,256	259,044	93,279	68,180

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

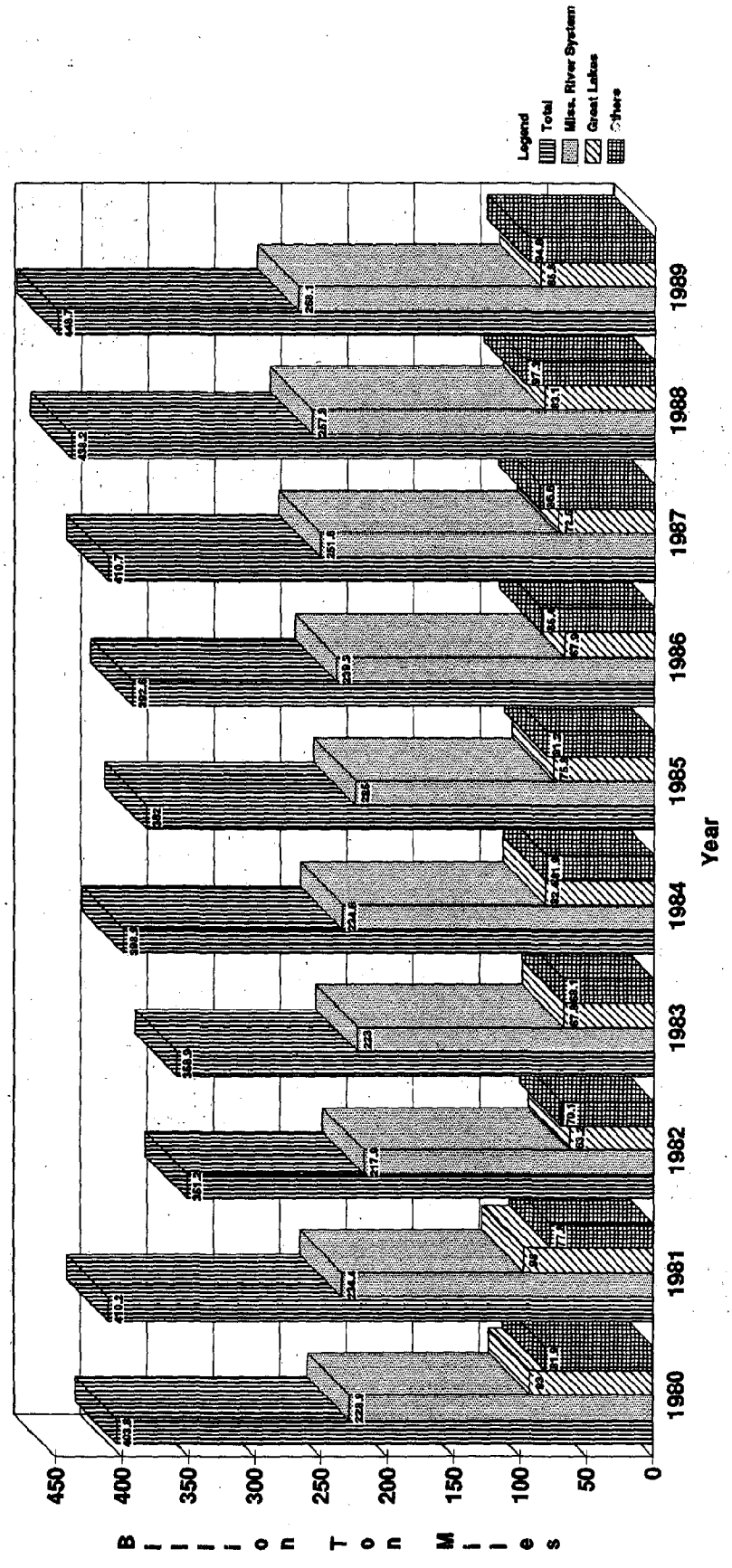


TABLE 8--COMPARATIVE STATEMENT OF TRAFFIC ON THE MISSISSIPPI RIVER SYSTEM,* CALENDAR YEARS 1978-1989

(NET TRAFFIC)

YEAR	FOREIGN AND COASTWISE TRAFFIC					INLAND TRAFFIC	GRAND TOTAL
	FOREIGN		COASTWISE		TOTAL		
	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	167,184,088	351,953,271	519,137,359
1984	34,074,866	85,856,052	19,944,201	16,798,329	156,956,777	386,568,087	543,524,864
1985	27,040,313	81,009,572	21,739,390	19,167,347	148,956,422	378,852,148	527,808,570
1986	35,138,022	81,084,796	19,318,377	18,056,372	153,597,567	402,801,874	556,399,441
1987	38,087,066	93,688,566	17,941,514	19,505,233	169,222,369	414,175,845	583,398,214
1988	45,325,616	97,464,079	13,914,113	21,896,066	178,599,874	423,025,453	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	12,965,425	3,550,956	3,786,062	35,438,232	193,492,234	228,930,466
1981	13,314,368	14,375,436	4,159,336	3,527,113	35,376,253	199,050,733	234,426,986
1982	8,803,571	15,130,210	2,955,205	3,211,367	30,100,353	187,890,327	217,990,680
1983	5,095,571	14,631,675	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	24,331,685	210,297,576	234,629,261
1985	4,113,990	12,551,382	3,857,611	2,606,492	23,129,475	201,584,645	224,714,120
1986	5,505,532	12,619,942	3,508,647	2,479,850	24,113,971	215,179,481	239,293,452
1987	5,940,488	14,197,880	3,566,664	2,414,511	26,119,543	225,452,436	251,571,979
1988	7,252,184	14,742,295	2,694,735	2,635,011	27,324,225	230,478,320	257,802,545
1989	10,400,230	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

(NET TRAFFIC)

YEAR	FOREIGN AND COASTWISE TRAFFIC					INLAND TRAFFIC	GRAND TOTAL
	FOREIGN		COASTWISE		TOTAL		
	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	167,184,088	224,951,345	392,135,433
1984	34,074,866	85,856,052	19,944,201	16,798,329	156,956,777	240,389,289	397,346,066
1985	27,040,313	81,009,372	21,739,390	19,167,347	148,956,422	235,007,687	383,964,109
1986	35,138,022	81,084,796	19,318,377	18,056,372	153,597,567	246,346,276	399,943,743
1987	38,087,066	93,688,566	17,941,514	19,505,233	169,222,369	255,782,149	425,004,518
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	118,165,016	150,489,029
1979	17,592,665	11,062,598	2,605,616	3,079,059	34,339,938	120,669,620	155,009,558
1980	15,135,789	12,965,425	3,550,956	3,786,082	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	138,972,272	174,348,525
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	24,331,685	146,188,708	170,520,393
1985	4,113,990	12,551,382	3,857,611	2,606,492	23,129,475	135,360,480	158,489,955
1986	5,505,532	12,619,942	3,508,647	2,479,850	24,113,971	141,944,845	166,058,816
1987	5,940,488	14,197,880	3,566,664	2,414,511	26,119,543	153,794,561	179,914,104
1988	7,252,184	14,742,295	2,694,735	2,635,011	27,324,225	157,137,141	184,461,366
1989	10,400,230	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					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 OILSEEDS, 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	44,161
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	59,628,163
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		95,907			102,094	9.5	1,077,933
1499 NONMETALLIC MINERALS, NEC	186,722		4,618,725	84,074		4,889,521	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		84,363	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		1,399,120	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.

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, INCUDING KNIT								
2311 APPAREL	103,888					103,888	25.3	410,041
LUMBER & WOOD PRODS.,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 PULPWOOD, LOG	11,960		3,889,607			3,901,567	99.9	3,902,525
2416 WOOD CHIPS, STAVES, MOLDINGS			3,583,766	6,406		3,595,172	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		2,598	7		170,206	85.7	198,702
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	99.3	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		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	5,681,184
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 SOAP	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	763,457
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	144,683		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	63,143,889	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	13,062,189
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	20,175,686	9,679,522	1,082,860	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	327,565	14,000	2,474,885	346,669		3,163,119	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 PITCHES	2,940,082	543,266	5,824,949	593,677		9,901,994	97.6	10,148,126
2920 COKE, PETROLEUM COKE	109,037	23,585	6,171,449	581,129		6,855,200	97.4	7,046,920
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	LAKEWISE	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
3281 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			463,583	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	1,538,755
3316 IRON AND STEEL PLATES, SHEETS	13,091	4,260	328,146	8,487		353,984	88.9	398,238
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	92.8	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	1,022,524
ELECTRICAL MACHINERY, EQUIPMENT & SUPPLIES								
3611 ELECTRICAL MACH AND EQUIP	41,189		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	29.8	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

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				1,442		
HAMPTON ROADS, VA.			2,578			
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 SOUNDS, 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.			31,045	19,779		
MISSISSIPPI RIVER' NEW ORLEANS,LA., TO MOUTH OF PASSES			1,110	2,967		
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	5,271		5,454	7,577		
TOTAL, SHIPPING AREA	5,271		37,609	30,323		
APALACHICOLA,CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA./						
WARRIOR RIVER SYSTEM			4,495	2,456		
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.	2,911					
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		1,076	16,397	4,094		
TOTAL, SHIPPING AREA	2,911	1,076	20,892	6,550		
WARRIOR RIVER SYSTEM/						
WARRIOR RIVER SYSTEM		1,400	9,308	18,443		
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.			8,898	1,468		
MISSISSIPPI RIVER' NEW ORLEANS,LA., TO MOUTH OF PASSES				16,532		800
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	4,244		92,453	15,701		
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER		1,304				
TENNESSEE RIVER, TENN., ALA. AND KY.				1,459		
TOTAL, SHIPPING AREA	4,244	2,704	110,659	53,583		800
ALABAMA-COOSA RIVERS, ALA. AND GA./						
WARRIOR RIVER SYSTEM	875		3,300			
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.			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.		2,975				
GALVESTON BAY, TEXAS		1,595				
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.				1,492		
TENNESSEE RIVER, TENN., ALA. AND KY.		1,497				
PORT OF CHICAGO, ILL.						1,447
TOTAL, SHIPPING AREA		6,067		1,492		1,447
INNERHARBOR NAVIGATION CANAL, LA./						
TENNESSEE RIVER, TENN., ALA. AND KY.				2,800		
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX./						
GALVESTON BAY, TEXAS					61,066	25,482
MISSISSIPPI RIVER' NEW ORLEANS,LA., TO MOUTH OF PASSES					108,345	
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.				1,827	107,295	
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER					9,912	
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER						9,711
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE						1,355
ILLINOIS RIVER, ILL.						15,767
TOTAL, SHIPPING AREA				1,827	286,618	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	----------	----------
BUCHITA AND BLACK RIVERS, ARK. AND LA./						
MERMENTAU 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	----------	----------
MERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA./						
MERMENTAU 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	29,438	----------	----------
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	8,792	31,063	25,487	172,615	----------	----------
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	----------	4,457	----------	----------	----------	----------
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-NECHES 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/						
MERMENTAU 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
TENNESSEE RIVER, TENN., ALA. AND KY.	----------	4,720	----------	1,400	----------	----------
MISSOURI RIVER	----------	----------	----------	----------	----------	7,529

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.	----------	1,457	----------	----------	----------	1,500
PORT OF CHICAGO, ILL.	----------	----------	----------	----------	47,310	13,958
TOTAL, SHIPPING AREA	16,672	94,127	8,952	14,044	47,310	68,473
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA./						
WARRIOR RIVER SYSTEM	6,115	1,550	----------	----------	----------	----------
WERMENTAU 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 INTRACOASTAL 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	----------	30,285	----------	----------	----------	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
WOLF 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	----------	----------	----------	----------	----------	5,768
TENNESSEE RIVER, TENN., ALA. AND KY.	1,330	13,763	----------	1,400	----------	----------
CUMBERLAND RIVER, TENN. AND KY.	----------	----------	----------	----------	7,136	----------
MONONGAHELA RIVER, PA. AND W.VA.	----------	----------	----------	----------	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.	----------	30,081	----------	----------	17,181	16,383
TOTAL, SHIPPING AREA	36,636	297,523	11,410	26,017	48,466	219,996
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA./						
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.	2,948	9,585	1,475	13,987	----------	----------
WERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.	----------	10,591	----------	----------	----------	----------
CALCASIEU RIVER AND PASS, LA.	----------	8,228	----------	----------	----------	----------
GALVESTON BAY, TEXAS	----------	9,530	6,033	----------	----------	----------
GULF INTRACOASTAL WATERWAY' GALVESTON TO CORPUS CHRISTI, TEXAS	----------	69,950	----------	----------	----------	----------
GULF INTRACOASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER	1,392	1,554	----------	----------	----------	----------
MISSISSIPPI RIVER' NEW ORLEANS,LA., TO MOUTH OF PASSES	197,758	150,447	341,537	312,216	----------	----------
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	515,802	1,600,208	1,043,893	1,539,120	----------	----------
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	----------	2,859	----------	----------	----------	----------
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	1,414	----------	----------	2,705	----------	----------
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	----------	17,573	----------	----------	----------	----------
YAZOO RIVER AND MOUTH, MISS.	2,884	----------	899	26,167	----------	----------
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	1,888,259	1,393,857	2,095,691	----------	----------
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER/						
GULF INTRACOASTAL WATERWAY' APALACHEE BAY, FLA., TO MOBILE BAY, ALA.	1,815	----------	----------	----------	----------	----------
WARRIOR RIVER SYSTEM	----------	----------	3,162	----------	----------	----------
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.	14,455	1,414	6,008	----------	----------	----------
WERMENTAU 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	1,109,248	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	1,591	1,242	----------	----------	----------	----------
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	----------	----------	10,454	----------	----------	----------
ARKANSAS RIVER, ARK.	----------	----------	----------	18,914	----------	----------
WOLF RIVER, TENN.	4,281	----------	----------	----------	----------	----------
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE	----------	1,221	----------	13,250	----------	----------
TENNESSEE RIVER, TENN., ALA. AND KY.	57,895	----------	23,934	37,648	----------	----------
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/						
WARRIOR RIVER SYSTEM	2,764	----------	----------	----------	----------	----------
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.	10,644	----------	1,851	4,599	----------	----------
GULF INTRACOASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER	1,459	----------	----------	----------	----------	----------
MISSISSIPPI RIVER' NEW ORLEANS,LA., TO MOUTH OF PASSES	2,666,444	----------	201,799	439,526	----------	----------
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	10,788,314	54,497	938,951	1,850,617	----------	----------
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	4,824	----------	----------	47,314	----------	----------
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	4,455	12,830	----------	1,628	----------	----------
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	16,056	----------	20,550	----------	----------	----------

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	----------	----------	4,249	----------	----------
ARKANSAS RIVER, ARK.	----------	----------	----------	2,716	----------	----------
WOLF RIVER, TENN.	89,988	----------	----------	----------	----------	----------
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE	3,060	3,010	25,536	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 INTRACOASTAL 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	96,412	----------	----------
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 INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.	----------	----------	2,789	4,173	----------	----------
GULF INTRACOASTAL WATERWAY' PLAQUEMINE TO MORGAN CITY ROUTE, LA.	----------	----------	1,392	----------	----------	----------
GALVESTON BAY, TEXAS	----------	----------	1,365	----------	----------	----------
GULF INTRACOASTAL 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	----------	----------	32,683	----------	----------	----------
TENNESSEE RIVER, TENN., ALA. AND KY.	----------	----------	41,173	----------	----------	----------
TOTAL, SHIPPING AREA	26,048	219,708	1,063,188	282,487	----------	----------
WHITE RIVER, ARK./						
GULF INTRACOASTAL 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 INTRACOASTAL 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 INTRACOASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER	31,665	----------	----------	----------	----------	----------
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES	804,955	11,988	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	----------

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.	----	----	1,305	----	----	----
GULF INTRACOASTAL WATERWAY, CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER	5,893	----	----	----	----	----
MISSISSIPPI RIVER, NEW ORLEANS, LA., TO MOUTH OF PASSES	25,711	3,100	33,771	3,001	----	----
MISSISSIPPI RIVER, BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	19,439	11,602	127,848	17,140	----	----
OHIO RIVER, ENGINEER DISTRICT, LOUISVILLE	----	----	1,794	----	----	----
TENNESSEE RIVER, TENN., ALA. AND KY.	243,229	1,295	14,450	104,893	----	----
TOTAL, SHIPPING AREA	294,272	15,997	179,168	125,034	----	----
CUMBERLAND RIVER, TENN. AND KY./						
GULF INTRACOASTAL WATERWAY, MOBILE BAY, ALA., TO NEW ORLEANS, LA.	----	----	1,548	----	----	----
MISSISSIPPI RIVER, NEW ORLEANS, LA., TO MOUTH OF PASSES	10,431	----	18,042	11,641	----	----
MISSISSIPPI RIVER, BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	27,135	1,328	106,993	49,803	----	----
MISSISSIPPI RIVER, MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	----	----	----	1,400	----	----
TENNESSEE RIVER, TENN., ALA. AND KY.	13,442	----	----	2,811	----	----
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	7,544	----	----	1,400	----	----
MISSISSIPPI RIVER, BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	50,543	----	6,492	14,842	----	----
OHIO RIVER, ENGINEER DISTRICT, LOUISVILLE	----	----	----	1,517	----	----
TENNESSEE RIVER, TENN., ALA. AND KY.	----	----	----	1,717	----	----
TOTAL, SHIPPING AREA	58,087	----	6,492	19,476	----	----
MISSOURI RIVER/						
GULF INTRACOASTAL WATERWAY, MOBILE BAY, ALA., TO NEW ORLEANS, LA.	1,295	----	----	----	----	----
MISSISSIPPI RIVER, NEW ORLEANS, LA., TO MOUTH OF PASSES	34,582	3,848	42,741	26,242	----	----
MISSISSIPPI RIVER, BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	118,956	199,785	161,444	28,253	----	----
MISSISSIPPI RIVER, MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	----	----	1,288	----	----	----
OHIO RIVER, ENGINEER DISTRICT, LOUISVILLE	----	----	32,320	5,267	----	----
TENNESSEE RIVER, TENN., ALA. AND KY.	----	----	105,988	----	----	----
TOTAL, SHIPPING AREA	151,833	203,633	343,781	59,762	----	----
ILLINOIS RIVER, ILL./						
WARRIOR RIVER SYSTEM	1,601	----	9,367	----	----	----
GULF INTRACOASTAL WATERWAY, MOBILE BAY, ALA., TO NEW ORLEANS, LA.	36,223	----	----	11,681	----	----
MISSISSIPPI RIVER, NEW ORLEANS, LA., TO MOUTH OF PASSES	1,614,089	----	211,780	235,447	----	----
MISSISSIPPI RIVER, BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	8,045,663	16,154	481,956	1,576,089	----	----
MISSISSIPPI RIVER, MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	1,500	----	----	152,146	----	----
MISSISSIPPI RIVER, MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	5,852	----	----	----	----	----
MISSISSIPPI RIVER, MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	9,348	----	1,599	----	----	----
WOLF RIVER, TENN.	101,332	----	----	----	----	----
OHIO RIVER, ENGINEER DISTRICT, LOUISVILLE	----	----	----	17,435	----	----
TENNESSEE RIVER, TENN., ALA. AND KY.	128,825	----	15,277	98,418	----	----
ILLINOIS RIVER, ILL.	16,743	----	----	----	----	----
PORT OF CHICAGO, ILL.	----	----	----	5,725	----	----
TOTAL, SHIPPING AREA	9,961,176	16,154	719,979	2,096,941	----	----
BLACK RIVER, WIS./						
MISSISSIPPI RIVER, BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	1,459	----	----	1,475	----	----
MINNESOTA RIVER, MINN./						
GULF INTRACOASTAL WATERWAY, MOBILE BAY, ALA., TO NEW ORLEANS, LA.	10,414	----	2,876	----	----	----
GALVESTON BAY, TEXAS	----	----	1,578	----	----	----
GULF INTRACOASTAL WATERWAY, CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER	1,342	----	----	----	----	----
MISSISSIPPI RIVER, NEW ORLEANS, LA., TO MOUTH OF PASSES	351,735	----	62,734	117,445	----	----
MISSISSIPPI RIVER, BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	2,081,055	----	473,298	361,130	----	----
MISSISSIPPI RIVER, MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	8,280	----	----	----	----	----
MISSISSIPPI RIVER, MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	2,809	----	----	----	----	----
MISSISSIPPI RIVER, MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	1,472	----	14,756	----	----	----
YAZOO RIVER AND MOUTH, MISS.	2,734	----	----	----	----	----
WOLF RIVER, TENN.	63,213	----	----	----	----	----
OHIO RIVER, ENGINEER DISTRICT, LOUISVILLE	----	----	12,866	74,618	----	----
TENNESSEE RIVER, TENN., ALA. AND KY.	196,342	----	116,156	20,432	----	----
TOTAL, SHIPPING AREA	2,715,396	----	684,264	573,625	----	----
LAKE MICHIGAN/						
GULF INTRACOASTAL WATERWAY, MOBILE BAY, ALA., TO NEW ORLEANS, LA.	2,808	----	----	----	----	----
MISSISSIPPI RIVER, NEW ORLEANS, LA., TO MOUTH OF PASSES	7,098	----	4,162	4,509	----	----
MISSISSIPPI RIVER, BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	38,973	----	22,150	16,020	----	----

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)
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	127,448	1,563	101,767	85,326		
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		7,771	22,249		
ILLINOIS RIVER, ILL.	3,244		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 KENNEWICK, 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 KENNEWICK, 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 KENNEWICK, 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

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

CALENDAR YEAR 1969

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	LOGS, POSTS, POLES, AND PILING (CODES 2411, 2412, 2414)	FOREST PRODUCTS, 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.		8			
CHESAPEAKE BAY/					
YORK RIVER, VA.		195,145			13,734
RAPPAHANNOCK RIVER, VA./					
YORK RIVER, VA.					5,487
HAMPTON ROADS, VA./					
YORK RIVER, VA.		1,058			
HAMPTON ROADS, VA.	150				
TOTAL, SHIPPING AREA	150	1,058			
ATLANTIC INTRACOASTAL WATERWAY, ENGINEER DISTRICT, NORFOLK/					
HAMPTON ROADS, VA.					110,126
ALBEMARLE SOUND, N.C./					
YORK RIVER, VA.		21,566			
HAMPTON ROADS, VA.					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.					1,120
HAMPTON ROADS, VA.					153,274
TOTAL, SHIPPING AREA					154,394
APALACHICOLA, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA./					
WARRIOR RIVER SYSTEM	15,903				1,492
GULF OF MEXICO/					
GULF OF MEXICO	70				
MISSISSIPPI RIVER, NEW ORLEANS, LA., TO MOUTH OF PASSES	200				
TOTAL, SHIPPING AREA	270				
WARRIOR RIVER SYSTEM/					
WARRIOR RIVER SYSTEM	74,016	620,481			2,567,497
ALABAMA-COOSA RIVERS, ALA. AND GA.					875
GULF INTRACOASTAL WATERWAY, MOBILE BAY, ALA., TO NEW ORLEANS, LA.		199,627			
MISSISSIPPI RIVER, MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	6,077		1,198		
OHIO RIVER, ENGINEER DISTRICT, PITTSBURGH			1,345	1,264	
TOTAL, SHIPPING AREA	80,093	820,108	2,543	1,264	2,568,372
ALABAMA-COOSA RIVERS, ALA. AND GA./					
WARRIOR RIVER SYSTEM					811,947
GULF INTRACOASTAL WATERWAY, CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER	1,221				
MISSISSIPPI RIVER, MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	1,272				
TOTAL, SHIPPING AREA	2,493				811,947
GULF INTRACOASTAL WATERWAY, MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX./					
GULF OF MEXICO	12		220		
GULF INTRACOASTAL WATERWAY, MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.			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				2,708	
MISSISSIPPI RIVER, MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER				1,234	
YAZOO RIVER AND MOUTH, MISS.	135,756				
OHIO RIVER, ENGINEER DISTRICT, LOUISVILLE			4,843		
OHIO RIVER, ENGINEER DISTRICT, PITTSBURGH			14,217	2,417	
MONONGAHELA RIVER, PA. AND W.VA.			5,244	3,772	
ILLINOIS RIVER, ILL.			7,245		
PORT OF CHICAGO, ILL.			4,153		
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 PRODUCTS, NEC (CODES 0861, 2413, 2416)	LUMBER (CODE 2421)	WORKED WOOD (CODE 2431)	PULPWOOD (CODE 2415)
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./					
WARRIOR 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	----	----	----	----
SIUSLAW RIVER, OREG./					
SIUSLAW 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.	----	78,135	4,300	----	----
TOTAL, SHIPPING AREA	119,759	197,758	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.	464,123	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 BOUNDRY/					
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 BOUNDRY	174,628	----	----	----	----
COEUR D'ALENE LAKE	228,534	----	----	----	----
TOTAL, SHIPPING AREA	403,162	----	----	----	----

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 PRODUCTS, NEC (CODES 0861, 2413, 2416)	LUMBER (CODE 2421)	WORKED WOOD (CODE 2431)	PULPWOOD (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	218,492	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 INTRACOASTAL WATERWAY' APALACHEE BAY, FLA., TO MOBILE BAY, ALA./	
WARRIOR RIVER SYSTEM	1,855
WARRIOR RIVER SYSTEM/	
ESCAMBIA AND CONECUH RIVERS, FLA. AND ALA.	13,500
WARRIOR 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 INTRACOASTAL 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.	1,463
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 N.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	2,808,765
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 INTRACOASTAL 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 INTRACOASTAL WATERWAY' APALACHEE BAY, FLA., TO MOBILE BAY, ALA.	3,456,367
ESCAMBIA AND CONECUH RIVERS, FLA. AND ALA.	1,135,762
WARRIOR RIVER SYSTEM	283,811
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.	1,503,730
PEARL RIVER, MISS. AND LA.	22,777
LAKE PONTCHARTRAIN, LA.	15,880
GALVESTON 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.	641,712
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

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

CALENDAR YEAR 1969

(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/	
WARRIOR RIVER SYSTEM	115,070
INNERHARBOR NAVIGATION CANAL, LA.	4,807
GULF INTRACOASTAL WATERWAY, PLAQUEMINE TO MORGAN CITY ROUTE, LA.	6,552
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.	768,398
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	646,665
MISSISSIPPI RIVER, MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	250,393
ARKANSAS RIVER, ARK.	5,026
WOLF RIVER, TENN.	5,253
OHIO RIVER, ENGINEER DISTRICT, LOUISVILLE	2,690,602
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.	5,547,672
ALLEGHENY RIVER, PA.	1,450
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	6,957,485
TENNESSEE RIVER, TENN., ALA. AND KY.	2,344,371
BIG SANDY RIVER, KY. AND W.VA.	8,568
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 CONECUH RIVERS, FLA. AND ALA.	456,362
WARRIOR RIVER SYSTEM	244,179
GULF INTRACOASTAL WATERWAY, MOBILE BAY, ALA., TO NEW ORLEANS, LA.	72,392
LAKE PONTCHARTRAIN, LA.	17,903
MISSISSIPPI RIVER, NEW ORLEANS, LA., TO MOUTH OF PASSES	225,454
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.	525,693
OHIO RIVER, ENGINEER DISTRICT, LOUISVILLE	5,700
OHIO RIVER, ENGINEER DISTRICT, PITTSBURGH	10,881
TENNESSEE RIVER, TENN., ALA. AND KY.	7,823,047
CUMBERLAND RIVER, TENN. AND KY.	298,336
GREEN AND BARREN RIVERS, KY.	1,540
ILLINOIS RIVER, ILL.	28,548
LAKE MICHIGAN	2,768
TOTAL, SHIPPING AREA	10,482,279
CUMBERLAND RIVER, TENN. AND KY./	
ESCAMBIA AND CONECUH 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.	5,107
MISSISSIPPI RIVER, MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO 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	151,487
WOLF RIVER, TENN.	604,657
OHIO RIVER, ENGINEER DISTRICT, LOUISVILLE	5,758,312
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 W.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
WOLF 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 W.VA.	1,588
KANAWHA RIVER, W.VA.	5,852
MONONGAHELA RIVER, PA. AND W.VA.	9,084
ALLEGHENY RIVER, PA.	9,183
ILLINOIS RIVER, ILL.	26,243
BLACK RIVER, WIS.	2,945
PORT OF CHICAGO, ILL.	99,563
TOTAL, SHIPPING AREA	13,608,501
KANAWHA RIVER, W.VA./	
WARRIOR RIVER SYSTEM	12,654
MISSISSIPPI RIVER' NEW ORLEANS,LA., TO MOUTH OF PASSES	1,835,919
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	944,818
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	64,562
ARKANSAS RIVER, ARK.	38,036
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE	1,918,200
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON	5,694,333
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH	3,131,720
TENNESSEE RIVER, TENN., ALA. AND KY.	20,516
BIG SANDY RIVER, KY. AND W.VA.	27,377
KANAWHA RIVER, W.VA.	174,049
MONONGAHELA RIVER, PA. AND W.VA.	557,716
ALLEGHENY RIVER, PA.	19,233
ILLINOIS RIVER, ILL.	70,703
PORT OF CHICAGO, ILL.	4,569
TOTAL, SHIPPING AREA	14,548,468
MONONGAHELA RIVER, PA. AND W.VA./	
ESCAMBIA AND CONECUH 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	4,065,768
TENNESSEE RIVER, TENN., ALA. AND KY.	172,966
CUMBERLAND RIVER, TENN. AND KY.	18,374
BIG SANDY RIVER, KY. AND W.VA.	9,967
KANAWHA RIVER, W.VA.	9,788
MONONGAHELA RIVER, PA. AND W.VA.	19,726,764
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.	1,353,846
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

TABLE 4--DOMESTIC INLAND MOVEMENTS OF PETROLEUM AND PETROLEUM PRODUCTS
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)	LUBRICATING 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		69,265						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	159,127	120,912	5,405		15,748	520,889	37,403		19,309
DELAWARE RIVER' PENNSYLVANIA AND DELAWARE SIDE	45,479	136,803			2,078	883,276	8,156		
CHRISTINA RIVER, DEL.	1,297	26,975				122,798			
SCHUYLKILL RIVER, PA.	165,152	269,234		3,584	15,142	353,383	59,664	2,205	
CHESAPEAKE BAY	12,196	876			3,013				
NANTICOKE RIVER, DEL. AND MD.						58,536			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	2,136,155	105,223	2,205	317,179
DELAWARE RIVER' PENNSYLVANIA AND DELAWARE SIDE/									
DELAWARE RIVER' NEW JERSEY SIDE	149,002	345,375	1,767,540	226,693		530,060		1,226	
DELAWARE RIVER' PENNSYLVANIA AND DELAWARE SIDE	288,999	352,740	11,289,185	2,752	2,299	398,849	2,460	3,140	
MISPILLION RIVER, DEL.				177,979					
CHRISTINA RIVER, DEL.	3,205	92,453			1,443	349,357		322	
SCHUYLKILL RIVER, PA.	206,249	319,036	27,098		7,009	244,486	7,606	2,490	
CHESAPEAKE BAY	170,163	37,083			4,446				
NANTICOKE RIVER, DEL. AND MD.		7,852				16,143			
BALTIMORE HARBOR AND CHANNELS, MD.	442,401	28,872			35,684	265,635			36
POTOMAC RIVER AND TRIBUTARIES				129,745		57,201			
YORK RIVER, VA.				53,712					
HAMPTON ROADS, VA.	16,596	44,483		23,043		32,086		1,559	
TOTAL, SHIPPING AREA	1,276,615	1,227,894	13,083,823	613,924	50,881	1,893,817	10,066	8,737	36
CHRISTINA RIVER, DEL./									
DELAWARE RIVER' NEW JERSEY SIDE						28,736			
DELAWARE RIVER' PENNSYLVANIA AND DELAWARE SIDE	10,345	11,379				123,790	10,466		
CHRISTINA RIVER, DEL.		3,838				23,307			
SCHUYLKILL RIVER, PA.	6,256	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)	LUBRICATING 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	40,951	215,262	----------	23,156	5,812	248,561	18,081	----------	173,822
DELAWARE RIVER, PENNSYLVANIA 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	2,064	7,181	----------	----------	4,262	6,897	----------	----------	----------
SCHUYLKILL RIVER, PA.	14,189	3,534	----------	----------	----------	----------	----------	----------	----------
BALTIMORE HARBOR AND CHANNELS, MD.	6,178	71,696	----------	----------	----------	210,730	----------	----------	----------
POTOMAC RIVER AND TRIBUTARIES	----------	15,529	----------	----------	----------	6,823	----------	----------	----------
HAMPTON ROADS, VA.	----------	29,143	----------	879	----------	19,908	----------	----------	----------
TOTAL, SHIPPING AREA	22,431	127,083	----------	879	4,262	244,358	----------	----------	----------
BALTIMORE HARBOR AND CHANNELS, MD./									
DELAWARE RIVER, NEW JERSEY SIDE	2,860	11,660	----------	5,449	8,396	48,338	----------	----------	4,550
DELAWARE RIVER, PENNSYLVANIA AND DELAWARE SIDE	----------	----------	----------	----------	----------	42,616	----------	----------	----------
CHRISTINA RIVER, DEL.	----------	6,036	----------	----------	----------	6,640	----------	----------	----------
SCHUYLKILL RIVER, PA.	3,715	17,439	----------	----------	----------	3,478	----------	----------	----------
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	9,425	----------	----------	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	----------	----------	----------	15,316	----------	7,270	----------	----------	----------
DELAWARE RIVER, PENNSYLVANIA 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	----------	----------	----------	----------	----------	6,554	----------	----------	----------
SCHUYLKILL RIVER, PA.	293,293	102,939	----------	----------	----------	----------	----------	----------	----------
CHESAPEAKE BAY	48,879	26,784	----------	----------	----------	5,434	----------	----------	----------
BALTIMORE HARBOR AND CHANNELS, MD.	609,167	110,020	----------	----------	----------	----------	----------	----------	----------
POTOMAC RIVER AND TRIBUTARIES	----------	----------	----------	----------	----------	548,128	----------	----------	----------
HAMPTON ROADS, VA.	180,092	137,724	----------	119,213	----------	24,986	----------	----------	----------
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	----------	----------	----------	11,554	----------	----------	----------	----------	7,360
DELAWARE RIVER, PENNSYLVANIA AND DELAWARE SIDE	----------	3,139	----------	----------	----------	8,135	----------	----------	----------
CHRISTINA RIVER, DEL.	----------	7,754	----------	----------	----------	----------	----------	----------	----------
SCHUYLKILL RIVER, PA.	----------	6,381	----------	----------	----------	7,861	----------	----------	----------

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)	LUBRICATING 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 LOCK 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	1,366,843	---	5,948	7,360
ATLANTIC INTRACOASTAL WATERWAY' ENGINEER DISTRICT, WILMINGTON/									
ATLANTIC INTRACOASTAL WATERWAY'									
ENGINEER DISTRICT, WILMINGTON	---	---	---	---	---	8,912	---	---	---
PAMLICO AND TAR RIVERS, N.C.	---	---	---	---	---	5,486	---	---	---
ATLANTIC INTRACOASTAL WATERWAY'									
ENGINEER DISTRICT, CHARLESTON	---	---	---	1,270	---	---	---	---	---
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	---	---	---	39,845	---	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	---	44,869	---	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)	NAPHTHA (CODE 2917)	LUBRICATING OILS AND GREASES (CODE 2916)	OTHER PETROLEUM PRODUCTS (CODES 2918, 2921, 2991)
GULF INTRACOASTAL WATERWAY' APALACHEE BAY, FLA., TO MOBILE BAY, ALA./									
GULF INTRACOASTAL WATERWAY' APALACHEE BAY, FLA., TO MOBILE BAY, ALA.	----------	10,487	----------	9,954	----------	----------	----------	----------	----------
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.	----------	----------	----------	19,545	----------	----------	----------	----------	----------
GALVESTON BAY, TEXAS	----------	3,656	----------	----------	----------	7,452	----------	1,068	----------
MONONGAHELA RIVER, PA. AND W.VA.	----------	----------	----------	----------	----------	1,225	----------	----------	----------
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 INTRACOASTAL 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 INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.	----------	80,753	357,797	----------	----------	----------	----------	----------	----------
GULF INTRACOASTAL WATERWAY' PLAQUEMINE TO MORGAN CITY ROUTE, LA.	----------	----------	18,734	----------	----------	----------	----------	----------	----------
ATCHAFALAYA RIVER, LA.	----------	408	11,048	----------	----------	----------	----------	----------	----------
BAYOU VERMILION, LA.	----------	130	----------	----------	----------	----------	----------	----------	----------
CALCASIEU RIVER AND PASS, LA.	----------	10,330	674,469	217	----------	----------	----------	----------	----------
SABINE-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 INTRACOASTAL 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 INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.	99,065	54,409	62,761	----------	----------	5,646	----------	----------	30,270
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE 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	----------	----------
SABINE-NECHES WATERWAY, TEXAS	6,485	59,185	423,802	----------	----------	21,904	148,341	----------	----------
GALVESTON BAY, TEXAS	6,259	151,497	251,837	----------	----------	260,825	44,586	----------	----------
GULF INTRACOASTAL WATERWAY' GALVESTON TO CORPUS CHRISTI, TEXAS	----------	----------	33,668	----------	----------	----------	----------	----------	----------
GULF INTRACOASTAL 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	341,065	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

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)	LUBRICATING 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' MOBILE BAY, ALA., TO NEW ORLEANS, LA./									
GULF INTRACOASTAL WATERWAY' APALACHEE BAY, FLA., TO MOBILE BAY, ALA.	405,212	148,355		1,990		26,407			137,920
APALACHICOLA, CHATTAHOOCHEE AND 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' MOBILE BAY, ALA., TO NEW ORLEANS, LA.	49,419	38,009	7,205						27,478
PASCAGOULA RIVER, MISS.		187							
WATERWAY FROM EMPIRE, LA., TO GULF OF MEXICO			12,938						
GULF INTRACOASTAL WATERWAY' 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' GALVESTON TO CORPUS CHRISTI, TEXAS	12,350								
GULF INTRACOASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER	5,680								
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES	22,504		68,431			20,073			20,174
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	326,123	60,120				82,273	7,505	26,542	3,010
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	8,836	1,242							5,682
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	103,008						10,605		
WOLF RIVER, TENN.	15,996	7,791							
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE	232,127	119,634		196,210					
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON	13,365								
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 PONTCHARTRAIN, LA./ GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.			2,684						
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES			613						
TOTAL, SHIPPING AREA			3,297						
LAKE MAUREPAS, LA./ GULF OF MEXICO									5,630
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.			3,680						
MISSISSIPPI RIVER' 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' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.			2,042						
GALVESTON BAY, TEXAS			6,032						
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES			22,955						
MISSISSIPPI RIVER' 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)	LUBRICATING 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		742							
WARRIOR RIVER SYSTEM							9,052		
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.			1,303				9,104		940
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)	LUBRICATING OILS AND GREASES (CODE 2916)	OTHER PETROLEUM PRODUCTS (CODES 2918, 2921, 2991)
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.	----------	2,206	142,770	----------	----------	----------	----------	----------	----------
GULF INTRACOASTAL WATERWAY' PLAQUEMINE TO MORGAN CITY ROUTE, LA.	----------	----------	36,366	----------	----------	----------	----------	----------	----------
ATCHAFALAYA RIVER, LA.	----------	615	3,524	----------	----------	3,190	----------	----------	----------
OUCHITA AND BLACK RIVERS, ARK. AND LA.	126,496	----------	----------	----------	----------	----------	----------	----------	----------
CALCASIEU RIVER AND PASS, LA.	6,096	306	5,172	----------	----------	----------	6,828	----------	----------
SABINE-NECHES WATERWAY, TEXAS	40,271	----------	----------	----------	----------	8,022	5,232	----------	----------
GALVESTON BAY, TEXAS	7,416	----------	----------	----------	----------	8,304	7,777	----------	----------
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES	----------	----------	80,042	----------	----------	20,422	20,436	----------	11,251
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	81,790	18,230	46,282	----------	----------	235,369	15,261	----------	----------
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	506,783	15,995	22,058	----------	----------	----------	----------	----------	----------
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	150,656	----------	----------	----------	----------	----------	----------	----------	----------
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	17,516	----------	----------	----------	----------	----------	----------	----------	----------
WOLF RIVER, TENN.	14,871	----------	----------	----------	----------	----------	----------	----------	----------
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE	219,699	----------	----------	----------	----------	----------	----------	----------	----------
TENNESSEE RIVER, TENN., ALA. AND KY.	114,812	----------	----------	----------	----------	10,368	----------	----------	----------
TOTAL, SHIPPING AREA	1,285,956	38,094	446,389	----------	----------	285,675	67,750	----------	12,197
OUCHITA AND BLACK RIVERS, ARK. AND LA./									
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	4,006	----------	----------	----------	----------	----------	----------	----------	----------
INLAND WATERWAY, FRANKLIN TO MERMENTAU RIVER, LA./									
WARRIOR RIVER SYSTEM	----------	----------	175,711	----------	----------	----------	----------	----------	----------
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.	----------	----------	205,882	----------	----------	----------	----------	----------	----------
INLAND WATERWAY, FRANKLIN TO MERMENTAU RIVER, LA.	598	----------	----------	----------	----------	----------	----------	----------	----------
CALCASIEU RIVER AND PASS, LA.	----------	----------	282,942	----------	----------	----------	----------	----------	----------
SABINE-NECHES WATERWAY, TEXAS	----------	----------	14,025	----------	----------	----------	----------	----------	----------
GALVESTON BAY, TEXAS	----------	----------	60,773	----------	----------	----------	----------	----------	----------
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES	----------	----------	47,253	----------	----------	----------	----------	----------	----------
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	----------	----------	27,399	----------	----------	----------	----------	----------	----------
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	----------	----------	72,048	----------	----------	6,520	----------	----------	----------
TOTAL, SHIPPING AREA	598	----------	886,033	----------	----------	6,520	----------	----------	----------
BAYOU VERMILION, LA./									
WARRIOR RIVER SYSTEM	----------	----------	160,417	----------	----------	----------	----------	----------	----------
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.	1	33,708	306	295	----------	----------	----------	2	----------
ATCHAFALAYA RIVER, LA.	----------	----------	115,448	----------	----------	----------	----------	----------	----------
CALCASIEU RIVER AND PASS, LA.	----------	----------	9,924	----------	----------	----------	----------	----------	----------
GALVESTON BAY, TEXAS	----------	----------	6,112	----------	----------	----------	----------	----------	----------
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES	----------	----------	306	----------	----------	----------	----------	----------	----------
TOTAL, SHIPPING AREA	1	33,708	292,513	295	----------	----------	----------	2	----------
MERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA./									
GULF OF MEXICO	----------	----------	----------	----------	----------	----------	----------	----------	9,072
WARRIOR RIVER SYSTEM	----------	----------	2,328	----------	----------	----------	----------	----------	----------
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.	----------	----------	----------	----------	----------	----------	----------	----------	15,708
ATCHAFALAYA RIVER, LA.	3,969	----------	80,501	----------	----------	----------	----------	----------	----------
CALCASIEU RIVER AND PASS, LA.	2,594	----------	35,693	----------	----------	----------	----------	----------	----------
SABINE-NECHES WATERWAY, TEXAS	81,635	5,908	118,430	----------	----------	----------	2,726	----------	----------
GALVESTON BAY, TEXAS	10,686	----------	87,694	----------	----------	----------	6,954	----------	----------
GULF INTRACOASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER	13,597	----------	----------	----------	----------	----------	----------	----------	----------

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)	LUBRICATING OILS AND GREASES (CODE 2916)	OTHER PETROLEUM PRODUCTS (CODES 2918, 2921, 2991)
MISSISSIPPI RIVER, NEW ORLEANS, LA., TO MOUTH OF PASSES	----------	----------	----------	----------	----------	1,393	----------	----------	91,330
MISSISSIPPI RIVER, BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	27,178	----------	28,016	----------	----------	1,789	----------	----------	2,398
MISSISSIPPI RIVER, MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	1,099	----------	30,334	----------	----------	----------	----------	----------	----------
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	5,906	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	----------	18,876	----------	751	----------	----------	----------	550	----------
WARRIOR RIVER SYSTEM	----------	----------	----------	----------	----------	13,836	----------	----------	----------
GULF INTRACOASTAL WATERWAY, MOBILE BAY, ALA., TO NEW ORLEANS, LA.	2,076	----------	----------	1,706	----------	----------	6,815	----------	----------
GULF INTRACOASTAL WATERWAY, MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.	----------	121,748	74,726	----------	----------	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	----------
GALVESTON BAY, TEXAS	69,207	154,401	1,128,270	64,203	3,128	180,738	81,602	48,223	86,458
GULF INTRACOASTAL WATERWAY, GALVESTON TO CORPUS CHRISTI, TEXAS	115,656	----------	6,104	----------	----------	1,831	----------	----------	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	5,188	4,726	6,524	----------	----------	56,339	15,479	1,770	1,338
MISSISSIPPI RIVER, BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	82,477	65,735	3,266	----------	----------	203,624	68,264	1,442	1,449
MISSISSIPPI RIVER, MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	10,175	----------	9,136	44,367	----------	----------	----------	23,244	----------
MISSISSIPPI RIVER, MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	40,926	----------	----------	8,533	----------	----------	1,272	52,547	----------
MISSISSIPPI RIVER, MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	50,496	9,600	----------	----------	----------	----------	----------	5,148	----------
ARKANSAS RIVER, ARK.	----------	----------	----------	34,128	----------	5,196	----------	1,298	----------
OHIO RIVER, ENGINEER DISTRICT, LOUISVILLE	30,456	----------	----------	----------	----------	----------	----------	1,589	----------
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	----------	----------	----------	----------	----------	----------	----------	----------
PORT OF CHICAGO, ILL.	----------	----------	----------	----------	----------	----------	7,968	67,575	----------
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 CONECUH 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	----------	23,066
WATERWAY FROM EMPIRE, LA., TO GULF OF MEXICO	----------	----------	4,540	----------	----------	----------	----------	----------	----------

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)	LUBRICATING 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	12,469	7,657	49,018	----	----	419,223	7,000	66,639	24,587
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	226,754	62,751	80,349	----	3,051	305,738	99,703	5,631	236,754
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	10,311	8,812	16,083	21,330	----	----	3,036	30,213	----
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	----	7,052	----	----	----	----	----	17,349	2,903
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	15,670	3,940	----	----	----	----	1,411	13,938	6,131
ARKANSAS RIVER, ARK.	----	----	----	18,486	----	----	----	3,974	----
WOLF RIVER, TENN.	2,708	----	----	----	----	----	5,657	----	29,933
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE	6,401	27,712	----	5,061	----	----	----	106,583	31,130
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH	----	----	----	----	----	22,676	----	88,649	----
TENNESSEE RIVER, TENN., ALA. AND KY.	5,928	4,715	----	----	----	----	----	----	----
BIG SANDY RIVER, KY. AND W.VA.	----	----	----	----	----	----	1,400	----	----
ILLINOIS RIVER, ILL.	----	----	----	----	----	13,031	----	----	3,182
LAKE MICHIGAN	----	----	----	----	----	----	----	4,339	----
PORT OF CHICAGO, ILL.	2,389	----	----	----	----	23,253	32,830	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	----	----	----	----	----	----	----	----
PORT OF CHICAGO, ILL.	----	----	----	----	----	----	2,800	----	----
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 CONECUH RIVERS, FLA. AND ALA.	----	----	----	----	----	----	----	----	47,598
WARRIOR RIVER SYSTEM	42,386	----	----	----	----	20,747	----	8,197	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	----	----
MERMENTAU 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	119,888	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)	LUBRICATING OILS AND GREASES (CODE 2916)	OTHER PETROLEUM PRODUCTS (CODES 2918, 2921, 2991)
SABINE-NECHES WATERWAY, TEXAS	265,048	172,489	37,148	----------	----------	121,751	430,352	37,722	73,078
GULF INTRACOASTAL WATERWAY' SABINE RIVER TO GALVESTON, TEXAS	----------	----------	----------	1,712	----------	4,451	----------	----------	----------
GALVESTON BAY, 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, TEXAS	172,314	76,203	1,127,620	----------	----------	153,368	30,725	85,255	183,851
GULF INTRACOASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER	98,217	50,863	41,798	3,000	----------	94,394	57,652	66,410	50,173
MISSISSIPPI RIVER' NEW ORLEANS,LA., TO MOUTH OF PASSES	70,954	19,101	9,936	2,798	----------	157,317	66,812	129,371	256,512
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	582,573	843,230	55,540	18,985	----------	1,433,384	423,767	162,357	71,410
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	108,436	33,750	----------	15,642	----------	----------	----------	3,974	----------
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	19,940	4,039	----------	----------	----------	----------	3,915	----------	----------
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	164,180	19,712	----------	----------	----------	----------	53,645	8,538	4,798
ARKANSAS RIVER, ARK.	----------	----------	----------	21,330	----------	----------	1,400	----------	----------
WOLF RIVER, TENN.	----------	856	----------	----------	----------	----------	21,668	----------	----------
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE	4,512	3,209	----------	----------	----------	----------	18,782	9,920	----------
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON	6,434	----------	----------	----------	----------	----------	5,180	1,321	----------
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH	5,429	----------	----------	----------	----------	52,279	8,461	50,662	9,707
TENNESSEE RIVER, TENN., ALA. AND KY.	----------	----------	----------	----------	----------	6,843	----------	1,413	----------
BIG SANDY RIVER, KY, AND W.VA.	54,765	1,191	----------	----------	----------	----------	3,195	----------	5,621
MONONGAHELA RIVER, PA. AND W.VA.	2,612	----------	----------	----------	----------	16,871	----------	----------	----------
ALLEGHENY RIVER, PA.	----------	48,963	----------	----------	----------	----------	1,725	63,873	----------
ILLINOIS RIVER, ILL.	2,373	100,683	----------	8,852	----------	10,508	6,482	----------	1,795
PORT OF CHICAGO, ILL.	10,578	14,706	----------	----------	----------	1,400	6,959	25,490	----------
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 BAY, ALA.	----------	----------	----------	13,514	----------	----------	----------	----------	----------
ESCAMBIA AND CONECUH RIVERS, FLA. AND ALA.	----------	----------	----------	----------	----------	----------	----------	----------	1,158
WARRIOR RIVER SYSTEM	----------	----------	4,762	----------	----------	50,274	----------	----------	----------
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.	----------	----------	----------	----------	----------	5,955	----------	----------	----------
CALCASIEU RIVER AND PASS, LA.	6,336	2,128	5,975	----------	----------	8,398	3,898	----------	50,784
SABINE-NECHES WATERWAY, TEXAS	----------	----------	43,818	----------	----------	4,446	----------	----------	19,368
GALVESTON BAY, TEXAS	342,342	16,513	61,681	----------	----------	359,700	33,540	1,689	100,032
GULF INTRACOASTAL WATERWAY' GALVESTON TO CORPUS CHRISTI, TEXAS	699	6,886	58,152	----------	----------	13,585	12,223	----------	----------
GULF INTRACOASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER	----------	----------	75,041	----------	----------	----------	13,718	----------	32,998
MISSISSIPPI RIVER' NEW ORLEANS,LA., TO MOUTH OF PASSES	----------	----------	----------	----------	----------	3,770	----------	----------	----------
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	22,014	3,042	19,793	----------	----------	163,551	9,642	----------	----------
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	----------	----------	----------	8,532	----------	----------	8,389	----------	----------
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	23,756	----------	----------	5,688	----------	----------	----------	----------	----------
ARKANSAS RIVER, ARK.	----------	----------	----------	9,243	----------	----------	----------	----------	----------
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON	----------	----------	----------	----------	11,396	----------	----------	----------	6,691
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH	----------	----------	----------	----------	----------	9,488	----------	----------	----------
TENNESSEE RIVER, TENN., ALA. AND KY.	1,361	----------	----------	----------	----------	----------	----------	----------	----------
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

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)	LUBRICATING 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	---	---	---
WARRIOR 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.	1,445	---	---	---	---	---	---	---	---
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
APALACHICOLA,CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA.	5,058	1,625	---	---	---	38,391	---	---	2,058
GULF OF MEXICO	---	49,976	---	---	---	164	---	---	1,619
WARRIOR RIVER SYSTEM	22,567	4,696	---	---	---	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	26,893	---	---
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)	LUBRICATING OILS AND GREASES (CODE 2916)	OTHER PETROLEUM PRODUCTS (CODES 2918, 2921, 2991)
MISSISSIPPI RIVER, MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	19,698						39,594		
ARKANSAS RIVER, ARK.	8,595								
WOLF RIVER, TENN.	31,048	36,774				2,641			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	199,978	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
APALACHICOLA, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA.	4,150	4,522				29,342			
GULF OF MEXICO									1,247
MARRIOR 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 VERMILION, 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	27,159		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	1,889,832	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	31,050	12,832	35,467		390,304	45,466		
YAZOO RIVER AND MOUTH, MISS.								14,192	18,870
ARKANSAS RIVER, ARK.	69,755	12,105		35,595					
WOLF RIVER, TENN.	146,850	33,171		134,659		12,911	768		151,433
OHIO RIVER, ENGINEER DISTRICT, LOUISVILLE	153,887	191,330		216,523	18,658	10,346		16,071	251,868
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	

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)	LUBRICATING OILS AND GREASES (CODE 2916)	OTHER PETROLEUM PRODUCTS (CODES 2918, 2921, 2991)
MISSOURI RIVER	----	----	----	----	----	----	----	----	20,972
ILLINOIS RIVER, ILL.	----	11,428	----	7,110	----	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	4,962,926	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./									
WARRIOR RIVER SYSTEM	----	----	----	----	----	----	----	----	11,760
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 INTRACOASTAL WATERWAY, 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	----	----	9,983
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/									
WARRIOR RIVER SYSTEM	----	----	----	----	----	12,178	----	----	----
GULF INTRACOASTAL WATERWAY, 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

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)	LUBRICATING OILS AND GREASES (CODE 2916)	OTHER PETROLEUM PRODUCTS (CODES 2918, 2921, 2991)
MISSISSIPPI RIVER, MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	13,019	10,577	----------	19,444	----------	----------	----------	----------	5,484
MISSISSIPPI RIVER, MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	16,542	94,520	----------	----------	----------	187,451	----------	----------	40,143
MISSISSIPPI RIVER, 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, BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	4,407	----------	----------	----------	----------	----------	----------	----------	----------
MISSISSIPPI RIVER, MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	----------	1,379	----------	----------	----------	----------	----------	----------	----------
MISSISSIPPI RIVER, MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	----------	----------	----------	----------	----------	9,276	----------	----------	----------
TOTAL, SHIPPING AREA	4,407	1,379	----------	----------	----------	9,276	3,902	----------	----------
ARKANSAS RIVER, ARK./									
GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.	----------	----------	----------	----------	----------	3,076	----------	----------	----------
CALCASIEU RIVER AND PASS, LA.	2,600	----------	----------	----------	----------	----------	----------	----------	----------
MISSISSIPPI RIVER, NEW ORLEANS, LA., TO MOUTH OF PASSES	----------	----------	----------	----------	----------	25,248	----------	----------	----------
MISSISSIPPI RIVER, BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	----------	----------	----------	----------	----------	222,497	----------	2,583	38,189
MISSISSIPPI RIVER, MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	----------	----------	----------	----------	----------	----------	----------	----------	5,630
ARKANSAS RIVER, ARK.	----------	----------	----------	----------	----------	17,368	----------	----------	----------
WOLF RIVER, TENN.	----------	----------	----------	----------	----------	----------	----------	----------	82,172
OHIO RIVER, ENGINEER DISTRICT, LOUISVILLE	----------	----------	----------	----------	----------	17,358	----------	----------	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./									
WARRIOR RIVER SYSTEM	----------	----------	----------	----------	----------	----------	----------	----------	11,540
GULF INTRACOASTAL WATERWAY: SABINE RIVER TO GALVESTON, TEXAS	----------	----------	----------	----------	----------	----------	1,400	----------	----------
GALVESTON BAY, TEXAS	4,288	----------	----------	----------	----------	----------	9,796	----------	----------
MISSISSIPPI RIVER, NEW ORLEANS, LA., TO MOUTH OF PASSES	----------	----------	----------	----------	----------	5,967	----------	----------	6,363
MISSISSIPPI RIVER, BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	----------	----------	----------	----------	----------	26,999	----------	----------	6,363
MISSISSIPPI RIVER, MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	10,041	24,029	----------	55,657	----------	----------	----------	----------	----------
MISSISSIPPI RIVER, MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	90,215	21,488	----------	----------	----------	----------	----------	----------	----------
MISSISSIPPI RIVER, MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	27,567	----------	----------	----------	12,845	----------	8,614	----------	----------
ARKANSAS RIVER, ARK.	----------	----------	----------	----------	----------	----------	----------	----------	8,288
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	----------	----------	----------

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)	LUBRICATING OILS AND GREASES (CODE 2916)	OTHER PETROLEUM PRODUCTS (CODES 2918, 2921, 2991)
TENNESSEE RIVER, TENN., ALA. AND KY.	61,599	28,687				5,456			
CUMBERLAND RIVER, TENN. AND KY.	260,648	39,913							5,555
ILLINOIS RIVER, ILL.	5,156								
PORT OF CHICAGO, ILL.		5,598				3,601			
TOTAL, SHIPPING AREA	612,686	216,134		58,265	12,845	55,771	19,810		38,109
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE/									
ATCHAFALAYA RIVER, LA.	2,205								
MISSISSIPPI RIVER' NEW ORLEANS,LA., TO MOUTH OF PASSES								2,667	
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	1,400					38,422			
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	12,957	4,516							
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	19,731	1,400				3,584			
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	8,230								
WOLF RIVER, TENN.	2,658								
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE	144,169	50,466		11,640		31,358			27,373
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON	69,986	80,573							44,566
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH	16,142					45,022		3,083	
TENNESSEE RIVER, TENN., ALA. AND KY.						5,580			2,824
CUMBERLAND RIVER, TENN. AND KY.									3,091
BIG SANDY RIVER, KY. AND W.VA.	22,771					7,670			
KANAWHA RIVER, W.VA.	1,400							2,880	
MONONGAHELA RIVER, PA. AND W.VA.					3,500	7,000			
PORT OF CHICAGO, ILL.						5,794			
TOTAL, SHIPPING AREA	301,649	136,955		11,640	3,500	144,430		8,630	77,854
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON/									
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.									1,305
SABINE-NECHES WATERWAY, TEXAS							1,400		
GALVESTON BAY, TEXAS								1,345	
MISSISSIPPI RIVER' NEW ORLEANS,LA., TO MOUTH OF PASSES						70,648			6,274
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.						24,036	2,880	1,293	53,807
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.		3,050							
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER				21,398					
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	19,792		9,358						
YAZOO RIVER AND MOUTH, MISS.							1,437	1,400	
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE	1,587,936	580,417	27,136	339,366	7,390			3,296	106,250
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON	457,476	531,748		1,510	18,844		1,280	6,731	12,842
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH	268,119	120,684	321,678	112,287	10,071		2,124		2,880
TENNESSEE RIVER, TENN., ALA. AND KY.						59,643			17,902
CUMBERLAND RIVER, TENN. AND KY.								1,549	18,695
BIG SANDY RIVER, KY. AND W.VA.	1,260		115,550				3,147		21,962
KANAWHA RIVER, W.VA.	514,637	295,467			19,957				
LITTLE KANAWHA RIVER, W.VA.	51,519								
MONONGAHELA RIVER, PA. AND W.VA.	319,851	159,835		1,420	13,963				27,137
ALLEGHENY RIVER, PA.		5,773			566				9,009
PORT OF CHICAGO, ILL.							5,094	1,400	
TOTAL, SHIPPING AREA	3,220,590	1,696,974	473,722	475,981	70,791	154,527	17,362	17,014	278,063
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH/									
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.									4,022

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)	LUBRICATING OILS AND GREASES (CODE 2916)	OTHER PETROLEUM PRODUCTS (CODES 2918, 2921, 2991)
INNERHARBOR NAVIGATION CANAL, LA.	----	----	----	----	----	----	----	----	3,094
SABINE-NECHES WATERWAY, TEXAS	----	----	----	----	----	----	1,247	----	----
GALVESTON BAY, TEXAS	----	----	----	----	----	----	6,221	----	5,598
GULF INTRACOASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER	----	----	----	----	----	----	----	28,701	----
MISSISSIPPI RIVER' NEW ORLEANS,LA., TO MOUTH OF PASSES	----	----	----	----	----	----	----	7,056	2,701
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	----	----	----	----	----	----	----	1,446	1,134
YAZOO RIVER AND MOUTH, MISS.	----	----	----	----	----	----	25,369	20,029	----
ARKANSAS RIVER, ARK.	2,953	----	----	----	----	----	----	----	----
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE	2,475	1,400	----	----	----	1,400	13,823	----	24,092
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON	69,520	26,315	----	----	1,600	42,667	----	----	3,018
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH	18,100	55,345	----	----	----	73,461	1,000	2,683	2,800
TENNESSEE RIVER, TENN., ALA, AND KY.	----	----	----	----	----	40,551	----	----	3,353
BIG SANDY RIVER, KY. AND W.VA.	----	57,347	----	----	----	2,176	----	----	----
KANAWHA RIVER, W.VA.	20,624	11,563	----	----	----	----	----	----	----
LITTLE KANAWHA RIVER, W.VA.	1,400	----	----	----	----	----	----	----	----
MONONGAHELA RIVER, PA. AND W.VA.	178,463	198,963	----	----	----	----	----	----	----
ALLEGHENY RIVER, PA.	----	8,264	----	----	----	----	----	----	----
ILLINOIS RIVER, ILL.	----	----	----	----	----	5,724	----	----	----
TOTAL, SHIPPING AREA	293,535	355,195	----	----	1,600	165,979	47,660	59,915	49,812
TENNESSEE RIVER, TENN., ALA, AND KY./									
SABINE-NECHES WATERWAY, TEXAS	----	----	----	----	----	----	----	----	14,926
GULF INTRACOASTAL WATERWAY' SABINE RIVER TO GALVESTON, TEXAS	1,400	2,800	----	----	----	----	----	----	----
GALVESTON BAY, TEXAS	----	5,254	----	----	----	----	143,450	----	2,471
GULF INTRACOASTAL WATERWAY' GALVESTON TO CORPUS CHRISTI, TEXAS	11,200	----	----	----	----	----	----	----	----
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	2,800	----	----	----	----	9,300	----	----	----
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	3,380	----	----	----	----	----	----	----	----
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE	----	----	----	1,749	----	----	----	----	----
TENNESSEE RIVER, TENN., ALA, AND KY.	----	----	----	----	----	13,375	----	----	----
TOTAL, SHIPPING AREA	18,780	8,054	----	1,749	----	22,675	143,450	----	17,397
CUMBERLAND RIVER, TENN, AND KY./									
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	----	----	----	----	----	----	----	----	5,602
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE	----	----	28,665	----	----	----	----	----	----
TOTAL, SHIPPING AREA	----	----	28,665	----	----	----	----	----	5,602
BIG SANDY RIVER, KY. AND W.VA./									
GALVESTON BAY, TEXAS	----	----	----	----	----	----	----	9,269	----
MISSISSIPPI RIVER' NEW ORLEANS,LA., TO MOUTH OF PASSES	----	----	----	----	----	----	----	5,685	----
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	----	----	----	----	----	171,729	----	1,189	8,053
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	----	----	----	----	----	----	1,350	16,081	----
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	----	----	----	----	----	----	----	12,764	----
YAZOO RIVER AND MOUTH, MISS.	----	----	----	----	----	----	----	9,252	----
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE	2,299	----	----	1,237	1,151	15,177	9,957	92,549	338,769
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON	1,316	2,865	----	----	----	25,931	7,309	9,333	33,932
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH	----	----	----	----	----	24,528	20,181	87,204	----
TENNESSEE RIVER, TENN., ALA, AND KY.	----	----	----	----	----	96,653	----	----	19,531
CUMBERLAND RIVER, TENN, AND KY.	----	2,233	----	----	----	1,200	----	----	56,906
KANAWHA RIVER, W.VA.	5,929	----	----	----	----	----	----	----	----
MONONGAHELA RIVER, PA. AND W.VA.	----	8,816	----	----	----	----	----	----	67,123
ALLEGHENY RIVER, PA.	----	----	----	----	----	----	----	----	46,213

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)	LUBRICATING 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								1,343	
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.								1,255	
YAZOO RIVER AND MOUTH, MISS.								2,348	
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE						2,800			
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON						21,490			51,169
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH	1,400					21,000			
TENNESSEE RIVER, TENN., ALA. AND KY.									4,044
BIG SANDY RIVER, KY. AND W.VA.		112,977							
MONONGAHELA RIVER, PA. AND W.VA.	2,906	3,840							
TOTAL, SHIPPING AREA	4,306	116,817				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									6,860
MISSISSIPPI RIVER' NEW ORLEANS,LA., TO MOUTH OF PASSES		25,287				11,452			
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	19,425	17,766				99,224			
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	79,503	56,911				7,407			
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER						9,904	5,723		2,947
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE		17,662							
TENNESSEE RIVER, TENN., ALA. AND KY.						12,615			
ILLINOIS RIVER, ILL.	74,371	28,278		1,405					24,145
BLACK RIVER, WIS.	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)	LUBRICATING 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./									
WARRIOR RIVER SYSTEM	----------	----------	----------	----------	----------	----------	---------	---------	8,365
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.	----------	----------	----------	----------	----------	32,286	---------	---------	----------
SABINE-NECHES WATERWAY, TEXAS	----------	----------	----------	----------	----------	----------	8,795	---------	----------
GALVESTON BAY, TEXAS	----------	9,723	----------	----------	----------	20,776	1,400	---------	38,885
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES	----------	14,656	----------	----------	----------	47,399	---------	5,856	----------
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	10,667	40,186	----------	----------	----------	89,744	---------	9,850	23,808
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	----------	----------	----------	----------	----------	16,780	1,284	---------	48,109
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.	3,967	15,444	----------	----------	----------	1,400	1,153	---------	----------
ILLINOIS RIVER, ILL.	13,838	----------	----------	----------	----------	25,893	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	106,668	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	106,668	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.	354,887	681,377	----------	10,989	----------	13,091	---------	---------	----------
WILLAMETTE AND YAMHILL RIVERS, OREG.	58,973	30,801	----------	3,734	----------	251,895	---------	92	----------

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)	LUBRICATING 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		1,486	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						14,833		

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
MANTUA 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		3,000			
DELAWARE RIVER' PENNSYLVANIA AND DELAWARE SIDE		18			
CHESAPEAKE BAY				200	
CHESTER RIVER, MD.				100	
BALTIMORE HARBOR AND CHANNELS, MD.				450	
ATLANTIC INTRACOASTAL WATERWAY' ENGINEER DISTRICT, CHARLESTON		2,360		2,690	
ST. JOHNS RIVER, FLA.				51,972	
TOTAL, SHIPPING AREA		5,378		55,412	
JAMES RIVER, VA./					
HAMPTON ROADS, VA.					1,220
ST. JOHNS RIVER, FLA.				1,446	
TOTAL, SHIPPING AREA				1,446	1,220
HAMPTON ROADS, VA./					
BALTIMORE HARBOR AND CHANNELS, MD.				135	
ATLANTIC INTRACOASTAL WATERWAY' ENGINEER DISTRICT, CHARLESTON		6,765			
TOTAL, SHIPPING AREA		6,765		135	
ATLANTIC INTRACOASTAL WATERWAY' ENGINEER DISTRICT, CHARLESTON/					
CHRISTINA RIVER, DEL.				1,522	
BALTIMORE HARBOR AND CHANNELS, MD.				5,978	
ST. JOHNS RIVER, FLA.				14,352	
TOTAL, SHIPPING AREA				21,852	
SAVANNAH RIVER, GA./					
CAPE FEAR RIVER, N.C.				768	
ATLANTIC INTRACOASTAL WATERWAY' ENGINEER DISTRICT, CHARLESTON				3,586	
ST. JOHNS RIVER, FLA.				4,047	
ATLANTIC INTRACOASTAL WATERWAY' ENGINEER DISTRICT, JACKSONVILLE				412	
TOTAL, SHIPPING AREA				8,813	
INTRACOASTAL WATERWAY, CALOOSAHATCHEE RIVER TO ANCLOTE RIVER, FLA./					
INTRACOASTAL WATERWAY, CALOOSAHATCHEE RIVER TO ANCLOTE RIVER, FLA.				10	
GULF INTRACOASTAL WATERWAY' APALACHEE BAY, FLA., TO MOBILE BAY, ALA./					
WARRIOR RIVER SYSTEM		5,900	1,500		
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.				815	2,666
GULF INTRACOASTAL WATERWAY' GALVESTON TO CORPUS CHRISTI, TEXAS					2,568
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES		1,133			
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		122,610			
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.		8,940			
TOTAL, SHIPPING AREA		138,583	1,500	815	5,234
GULF OF MEXICO/					
GULF OF MEXICO		28			14,462
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.	65	986			19,217
CALCASIEU RIVER AND PASS, LA.					1,607
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES					15
TOTAL, SHIPPING AREA	65	1,014			35,301
WARRIOR RIVER SYSTEM/					
GULF INTRACOASTAL WATERWAY' APALACHEE BAY, FLA., TO MOBILE BAY, ALA.					2,688
GULF OF MEXICO					152
WARRIOR RIVER SYSTEM	4,325	4,133	341,554	1,503	161,413
INNERHARBOR NAVIGATION CANAL, LA.		4,520			
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.					1,434
SABINE-NECHES WATERWAY, TEXAS		10,674			
GALVESTON BAY, TEXAS	1,310	1,400	52,363	3,930	
GULF INTRACOASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER			1,410	1,363	
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES		2,787			

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' 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	---	---	1,446	4,277	---
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	---	2,813	---	---	---
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	---	---	69,495	4,250	---
ALLEGHENY RIVER, PA.	---	1,609	---	---	---
PORT OF CHICAGO, ILL.	---	7,245	8,681	3,019	---
TOTAL, SHIPPING AREA	5,635	63,679	415,921	21,990	167,129
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA./					
GULF INTRACOASTAL WATERWAY' APALACHEE BAY, FLA., TO MOBILE BAY, ALA.	---	---	---	386	---
WARRIOR RIVER SYSTEM	---	---	---	2,247	---
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.	---	1,374	---	---	20
INNERHARBOR NAVIGATION CANAL, LA.	---	6,339	---	---	---
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.	---	1	---	---	1,485
SABINE-NECHES WATERWAY, TEXAS	---	10,804	---	---	---
GALVESTON BAY, TEXAS	1,555	---	---	2,969	3,744
MISSISSIPPI RIVER' NEW ORLEANS,LA., TO MOUTH OF PASSES	---	5,078	---	1,230	---
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	---	76,627	---	---	---
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	---	9,985	---	---	---
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	---	1,496	---	---	---
ARKANSAS RIVER, ARK.	1,422	---	1,400	1,357	---
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH	---	---	2,863	---	---
CUMBERLAND RIVER, TENN. AND KY.	---	---	---	1,152	---
ILLINOIS RIVER, ILL.	---	1,400	---	---	---
PORT OF CHICAGO, ILL.	1,348	---	5,582	---	---
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.	---	6,791	---	---	---
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	---	22,534	---	---	---
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	---	1,415	---	---	---
WOLF RIVER, TENN.	---	---	---	214	---
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE	---	---	---	538	---
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH	---	2,928	---	643	---
MONONGAHELA RIVER, PA. AND W.VA.	---	7,814	---	---	---
ILLINOIS RIVER, ILL.	---	---	---	2,580	---
PORT OF CHICAGO, ILL.	---	---	---	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.	---	96	---	---	28,803
BAYOU VERMILION, LA.	---	---	---	---	4,266
CALCASIEU RIVER AND PASS, LA.	---	---	---	---	100
SABINE-NECHES WATERWAY, TEXAS	---	21,570	---	---	---
GALVESTON BAY, TEXAS	---	---	---	---	150
GULF INTRACOASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER	---	1,640	---	---	---
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	---	68,983	---	---	---
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	---	4,259	---	---	---
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH	---	3,023	---	---	---
MONONGAHELA RIVER, PA. AND W.VA.	---	1,454	---	---	---
ILLINOIS RIVER, ILL.	---	1,517	---	---	---
PORT OF CHICAGO, ILL.	---	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.	---	5,703	---	---	---
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	---	4,323	---	---	---
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH	---	1,359	---	---	---
ALLEGHENY RIVER, PA.	---	1,038	---	---	---
ILLINOIS RIVER, ILL.	---	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	46,667	
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH				21,621	
TENNESSEE RIVER, TENN., ALA, AND KY.		2,596	15,006		
CUMBERLAND RIVER, TENN. AND KY.			2,680	25,362	
MONONGAHELA RIVER, PA. AND W.VA.				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			
GALVESTON BAY, TEXAS					4,782
GULF INTRACOASTAL WATERWAY' GALVESTON TO CORPUS CHRISTI, TEXAS					6
GULF INTRACOASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER	3,032				
MISSISSIPPI RIVER' NEW ORLEANS,LA., TO MOUTH OF PASSES		2,768		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				2,653	
TENNESSEE RIVER, TENN., ALA. AND KY.		1,428			
KANAWHA RIVER, W.VA.		1,400			
MONONGAHELA RIVER, PA. AND W.VA.		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	25,958

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	----------	----------	----------
GALVESTON BAY, TEXAS	----------	----------	----------	----------	24
GULF INTRACOASTAL WATERWAY' GALVESTON TO CORPUS CHRISTI, TEXAS	----------	----------	----------	----------	4,311
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.	----------	----------	418	28,778	----------
WARRIOR RIVER SYSTEM	8,212	----------	12,521	53,509	5,816
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.	----------	----------	----------	435	3,614
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.	----------	5	1,100	9,126	24,469
GALVESTON BAY, TEXAS	----------	----------	29,717	42,353	189,772
GULF INTRACOASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER	----------	----------	3,874	2,782	1,558
MISSISSIPPI RIVER' NEW ORLEANS,LA., TO MOUTH OF PASSES	----------	----------	14,309	12,383	4,426
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	----------	----------	5,366	37,704	689
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	----------	----------	35,501	37,655	12,307
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	----------	----------	----------	7,960	3,911
YAZOO RIVER AND MOUTH, MISS.	----------	----------	1,172	31,167	526
ARKANSAS RIVER, ARK.	----------	----------	16,852	75,224	16,647
WOLF RIVER, TENN.	----------	----------	14,458	19,406	----------
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE	----------	----------	69,060	151,869	5,470
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON	----------	----------	----------	4,987	----------
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH	2,934	----------	44,846	34,081	898
TENNESSEE RIVER, TENN., ALA. AND KY.	----------	----------	1,368	5,541	----------
CUMBERLAND RIVER, TENN. AND KY.	----------	----------	82,451	31,826	----------
MISSOURI RIVER	----------	----------	968	704	----------
ILLINOIS RIVER, ILL.	----------	----------	16,735	14,726	3,420
LAKE MICHIGAN	----------	----------	52,825	2,292	----------
PORT OF CHICAGO, ILL.	----------	----------	102,793	161,497	15,133
TOTAL, SHIPPING AREA	11,146	5	506,134	786,005	286,656
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA./					
WARRIOR 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	42,264	----------	----------	----------	----------
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	----------	59,514	----------	----------
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE	16,169	----------	384	5,602	----------
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON	1,416	----------	----------	----------	----------
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH	95,650	2,854	104,812	1,400	----------
TENNESSEE RIVER, TENN., ALA. AND KY.	15,109	----------	11,621	14,716	1,400
MONONGAHELA RIVER, PA. AND W.VA.	5,612	----------	----------	----------	----------
BLACK RIVER, MIS.	7,047	----------	----------	----------	----------
PORT OF CHICAGO, ILL.	104,112	668	----------	9,000	----------
TOTAL, SHIPPING AREA	394,501	49,113	187,482	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.	----------	58,798	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	----------
MONONGAHELA 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 INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.	---	---	2,812	---	---
SABINE-NECHES WATERWAY, TEXAS	---	5,600	---	---	---
GALVESTON BAY, TEXAS	---	---	55,916	52,262	---
GULF INTRACOASTAL 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	---	---	---	721	---
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	---	196,295	122,033	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.	---	---	11,535	---	---
PORT OF CHICAGO, ILL.	---	1,563	---	---	---
TOTAL, SHIPPING AREA	---	64,701	12,957	---	---
ARKANSAS RIVER, ARK./					
GULF INTRACOASTAL WATERWAY' PLAQUEMINE TO MORGAN CITY ROUTE, 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 W.VA.	---	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 INTRACOASTAL 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, W.VA.	---	---	---	---	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 INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.	1,104	---	---	---	---
SABINE-NECHES WATERWAY, TEXAS	---	4,283	---	---	---
GALVESTON BAY, TEXAS	---	---	1,433	54,379	393
GULF INTRACOASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER	---	---	---	5,839	---

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	----------	1,650	----------
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH	----------	----------	1,483	----------	----------
TENNESSEE RIVER, TENN., ALA. AND KY.	----------	----------	----------	1,050	----------
CUMBERLAND RIVER, TENN. AND KY.	----------	----------	61,098	2,966	----------
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.	----------	----------	----------	1,900	----------
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.	----------	----------	----------	383	----------
SABINE-NECHES WATERWAY, TEXAS	----------	6,931	----------	----------	----------
GALVESTON BAY, TEXAS	----------	----------	20,591	75,589	19,167
GULF INTRACOASTAL WATERWAY' GALVESTON TO CORPUS CHRISTI, TEXAS	----------	----------	1,600	----------	----------
GULF INTRACOASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER	----------	----------	899	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.	----------	----------	19,677	25,373	2,685
WOLF RIVER, TENN.	----------	----------	16,977	22,435	----------
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.	----------	----------	25,766	69,055	1,999
MONONGAHELA RIVER, PA. AND W.VA.	----------	----------	----------	500	----------
ALLEGHENY RIVER, PA.	----------	1,515	----------	----------	----------
ILLINOIS RIVER, ILL.	----------	4,344	----------	----------	----------
BLACK RIVER, MIS.	17,920	----------	----------	----------	----------
LAKE MICHIGAN	----------	2,814	----------	1,485	----------
PORT OF CHICAGO, ILL.	2,949	----------	19,404	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	43,318	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.	----------	55,089	----------	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	----------	1,483	----------	----------	----------
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 3315, 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			
MONONGAHELA 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 INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.				2,147	
SABINE-NECHES WATERWAY, TEXAS		10,408			
GALVESTON BAY, TEXAS			2,827	18,390	
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
MONONGAHELA 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 INTRACOASTAL WATERWAY' APALACHEE BAY, FLA., TO MOBILE BAY, ALA.				18,091	
MARRIOR RIVER SYSTEM			9,343	11,759	
GULF INTRACOASTAL WATERWAY' MOBILE BAY, ALA., TO NEW ORLEANS, LA.			8,400	12,845	
INNERHARBOR NAVIGATION CANAL, LA.			1,067	800	
GULF INTRACOASTAL WATERWAY' MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.		1,400	3,372	32,282	
SABINE-NECHES WATERWAY, TEXAS		43,074			
GALVESTON BAY, TEXAS		1,100	20,916	22,948	
GULF INTRACOASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER		1,196	1,316	1,220	
MISSISSIPPI RIVER' NEW ORLEANS, LA., TO MOUTH OF PASSES		11,933	1,400	13,018	
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		59,684	9,905	10,207	
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.		17,859	17,322	9,423	822
MISSISSIPPI RIVER' MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER		2,705		1,219	
YAZOO RIVER AND MOUTH, MISS.			1,142		
ARKANSAS RIVER, ARK.		3,984	12,512	19,699	
WOLF RIVER, TENN.		1,339	16,999	18,900	
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE				17,161	
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON		18,036	1,400		
TENNESSEE RIVER, TENN., ALA. AND KY.			4,841	6,841	
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./					
MARRIOR RIVER SYSTEM		171			

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	3,055	---
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	---	---	---
WOLF RIVER, TENN.	---	---	---	6,250	---
OHIO RIVER, ENGINEER DISTRICT, HUNTINGTON	---	5,018	---	---	---
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	5,026,955	4,485,091	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	----------
MISPILLION RIVER, DEL.	----------	----------	----------	----------	----------	----------	7,001
NANTICOKE RIVER, DEL. AND MD.	----------	----------	----------	----------	----------	----------	7,533
BALTIMORE HARBOR AND CHANNELS, MD.	----------	----------	190,433	----------	----------	----------	----------
HAMPTON ROADS, VA.	----------	----------	----------	----------	----------	----------	2,988
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
MISPILLION 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	1,748,700
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.	----------	----------	----------	----------	----------	----------	2,408
HAMPTON ROADS, VA.	----------	----------	----------	----------	----------	----------	4,954
ROANOKE RIVER, N.C.	----------	----------	----------	----------	----------	----------	17,919
NEUSE RIVER, N.C.	----------	----------	----------	----------	----------	----------	19,442
CAPE FEAR RIVER, N.C.	----------	----------	----------	----------	----------	----------	3,700

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)
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					36,102		
INTRACOASTAL WATERWAY, CALOOSAHATCHEE RIVER TO ANCLOTE RIVER, FLA./							
BALTIMORE HARBOR AND CHANNELS, MD.							5,403
APALACHICOLA,CHATTAHOOCHEE AND FLINT RIVERS, GA, AND FLA./							
WOLF 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.						360	
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	89,898
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.						12,808	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	7,801
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.						1,985	
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	
MERMENTAU 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.				1,386			
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	10,230	
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	
MERMENTAU 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

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 SPECIALITIES (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	----------	----------	----------	93,826	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	21,392	5,000	1,440
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE	----------	----------	----------	3,259	55,575	----------	11,499
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON	----------	----------	----------	3,343	----------	----------	1,694
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 CONECUH 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 PASSES	5,780	----------	----------	----------	----------	8,625	----------
MISSISSIPPI RIVER' BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	----------	143,161	2,380	13,916	----------	3,099	----------
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/							
SABINE-NECHES WATERWAY, 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	----------
APALACHICOLA,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.	1,529	82,059	----------	----------	----------	1,552	6,906
GULF INTRACOASTAL WATERWAY' PLAQUEMINE TO MORGAN CITY ROUTE, LA.	----------	----------	----------	----------	----------	----------	9,088
MERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.	----------	----------	----------	----------	----------	----------	6,371
CALCASIEU RIVER AND PASS, LA.	----------	2,756	16,215	7,171	65,328	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	86,546	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
WOLF 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 W.VA.	1,630	----------	----------	----------	----------	----------	----------
KANAWHA RIVER, W.VA.	----------	----------	----------	165,981	----------	215,293	----------
MONONGAHELA RIVER, PA. AND W.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 CONECUH RIVERS, FLA. AND ALA.	----------	----------	----------	----------	----------	69,489	----------
WARRIOR 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	152,486	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	----------	----------	----------	----------	----------	666	----------
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	----------	----------	----------	----------	----------	51,688	----------
TENNESSEE RIVER, TENN., ALA. AND KY.	----------	----------	----------	----------	----------	272,721	----------
CUMBERLAND RIVER, TENN. AND KY.	----------	----------	----------	----------	----------	2,170	----------
KANAWHA RIVER, W.VA.	----------	----------	----------	----------	----------	5,257	----------
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	3,142,327	1,500
GULF INTRACOASTAL WATERWAY' CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER/							
ESCAMBIA AND CONECUH RIVERS, FLA. AND ALA.	----------	----------	----------	----------	----------	34,668	----------
WARRIOR RIVER SYSTEM	----------	----------	----------	----------	2,985	----------	----------
CALCASIEU RIVER AND PASS, LA.	----------	----------	----------	----------	----------	1,160	----------
SABINE-NECHES WATERWAY, TEXAS	----------	33,293	----------	----------	3,972	6,251	----------
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	----------	----------	----------	2,985	----------
MISSISSIPPI RIVER' MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	27,087	----------	----------	----------	----------	1,400	----------
ARKANSAS RIVER, ARK.	----------	----------	----------	----------	----------	10,130	----------
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE	----------	1,348	----------	----------	1,482	292,640	----------

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.							1,435
WOLF RIVER, TENN.					7,199		
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE					13,652	5,498	34,849
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON							4,423
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH							1,610
TENNESSEE RIVER, TENN,, ALA, AND KY.					22,865		17,780
CUMBERLAND RIVER, TENN, AND KY.							3,199
KANAWHA RIVER, W.VA.					7,904		
MONONGAHELA RIVER, PA, AND W.VA.					5,890		
ALLEGHENY RIVER, PA.							1,407
MISSOURI RIVER					2,365		
PORT OF CHICAGO, ILL.					42,242	20,861	
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		2,611					
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	8,887	12,709				158,853	
OHIO RIVER' ENGINEER DISTRICT, HUNTINGTON							
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH	13,246	8,972					
PORT OF CHICAGO, ILL.	10,561						
TOTAL, SHIPPING AREA	35,897	42,620				158,853	
KANAWHA RIVER, W.VA./							
WARRIOR 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	
MONONGAHELA 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					2,768	
OHIO RIVER' ENGINEER DISTRICT, PITTSBURGH	94,677						
TENNESSEE RIVER, TENN,, ALA, AND KY.	2,209						
MONONGAHELA RIVER, PA, AND W.VA.	1,372						
TOTAL, SHIPPING AREA	119,113					2,768	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			
WARRIOR RIVER SYSTEM				12,248			
MERMENTAO 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	37,219	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.	----------	----------	----------	----------	----------	----------	11,912
GALVESTON BAY, TEXAS	84,965	29,286	----------	7,171	----------	39,674	18,663
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.	----------	----------	----------	----------	----------	----------	2,763
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	3,860
KANAWHA RIVER, W.VA.	----------	----------	----------	1,153	----------	2,305	----------
ALLEGHENY RIVER, PA.	----------	----------	----------	----------	----------	----------	1,400
MISSOURI RIVER	----------	----------	----------	----------	----------	----------	64,481
ILLINOIS RIVER, ILL.	----------	----------	----------	5,939	----------	17,329	97,972
MINNESOTA RIVER, MINN.	----------	----------	----------	----------	----------	----------	53,600
PORT OF CHICAGO, ILL.	----------	2,735	----------	45,198	----------	----------	----------
TOTAL, SHIPPING AREA	200,535	310,851	----------	86,903	5,596	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	----------
WARRIOR 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
OUCHITA 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	131,385
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	----------	----------	1,319	65,225	4,006	341,490	534,852

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 2812)	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	1,820	547,413
WHITE RIVER, ARK.	----------	----------	----------	----------	----------	----------	14,150
WOLF RIVER, TENN.	----------	----------	----------	4,189	62,760	11,900	37,062
OHIO RIVER' ENGINEER DISTRICT, LOUISVILLE	----------	----------	----------	156,230	160,905	497,078	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	----------	137,395	188,635	90,663
CUMBERLAND RIVER, TENN. AND KY.	----------	----------	----------	17,151	----------	30,759	36,929
GREEN AND BARREN RIVERS, KY.	----------	----------	----------	----------	----------	383,262	----------
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	----------	----------	----------	12,163	1,240	----------	194,926
ILLINOIS RIVER, ILL.	----------	----------	----------	51,723	11,420	372,120	571,618
BLACK RIVER, WIS.	----------	----------	----------	----------	9,418	----------	----------
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	----------	----------	68,039	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	2,447	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	----------	----------	----------
CALCASIEU 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 2816)	ALCOHOLS (CODE 2813)	SODIUM HYDROXIDE (CAUSTIC SODA) (CODE 2812)	CHEMICALS AND CHEMICAL SPECIALTIES (CODES 2818, 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.				1,383			9,225
WOLF RIVER, TENN.				23,809			
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
BIG SANDY RIVER, KY. AND W.VA.							34,655
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	555,222
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.							2,846
ILLINOIS RIVER, ILL.							8,853
LAKE MICHIGAN							6,309
TOTAL, SHIPPING AREA							333,613
ARKANSAS RIVER, ARK./							
WARRIOR 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	157,628
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			

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	----------	----------	----------	3,066	----------	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.	1,132	8,702	----------	----------	----------	3,023	----------
MISSISSIPPI RIVER' MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	----------	----------	----------	----------	----------	43,690	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.	1,515	----------	2,670	----------	----------	----------	16,303
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 W.VA.	----------	1,400	----------	----------	----------	----------	----------
KANAWHA RIVER, W.VA.	6,730	----------	----------	----------	----------	24,837	----------
MONONGAHELA RIVER, PA. AND W.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	----------	----------	62,706	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 W.VA.	466	466	----------	----------	----------	----------	----------
KANAWHA RIVER, W.VA.	----------	----------	----------	----------	25,998	600	----------
MONONGAHELA RIVER, PA. AND W.VA.	16,488	----------	----------	----------	25,078	----------	----------
ALLEGHENY RIVER, PA.	----------	----------	----------	1,397	----------	----------	----------
PORT OF CHICAGO, ILL.	1,400	----------	----------	----------	7,065	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 2812)	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				5,448			
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			
WOLF RIVER, TENN.				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 INTRACOASTAL 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	46,389		6,649		125,695	
TOTAL, SHIPPING AREA	153,456	99,120		7,546		166,952	5,140
SAN FRANCISCO BAY AREA/							
SAN FRANCISCO BAY AREA						9,183	
SAN JOAQUIN RIVER, CALIF./							
SAN FRANCISCO BAY AREA					6,851		
COLUMBIA RIVER' VANCOUVER, WASH., TO THE MOUTH/							
COLUMBIA RIVER' VANCOUVER, WASH., TO THE MOUTH					1,601		22,362
COLUMBIA RIVER' VANCOUVER, WASH., TO THE DALLES, OREG.					4,590		9,045
COLUMBIA RIVER' ABOVE CELILO FALLS TO KENNEWICK, WASH.							12,873
WILLAMETTE AND YAMHILL RIVERS, OREG.							5,264
SNAKE RIVER, OREG., WASH, AND IDAHO						1,015	18
TOTAL, SHIPPING AREA					6,101	1,015	49,562
COLUMBIA RIVER' VANCOUVER, WASH., TO THE DALLES, OREG./							
COLUMBIA RIVER' VANCOUVER, WASH., TO THE MOUTH							2,024
COLUMBIA RIVER' ABOVE CELILO FALLS TO KENNEWICK, WASH.							6,904
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							3,994

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, 2875)	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

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 PORTS	TOTAL	COASTWISE	LAKEWISE	INTERNAL	LOCAL
TON-MILES'									
1989	911,232,222	95,682,287	* 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	269,035,703	1,238,372
1987	968,403,732	72,988,231	* 22,003,252	** 50,984,979	895,415,501	586,818,384	50,076,733	257,336,485	1,183,939
1986	944,914,475	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	46,183,952	232,707,523	1,101,996
1984	966,476,283	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	609,749,453	43,088,156	225,628,298	1,099,681
1982	964,896,925	78,428,221	* 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	103,086,591	* 43,146,432	** 59,940,459	828,759,490	532,290,272	77,968,769	217,090,226	1,410,223
TONS'									
1989	# 2,135,237	1,037,910	54,839	983,071	1,097,327	502,027	109,086	606,006	80,208
1988	# 2,087,993	976,221	52,492	923,729	1,111,772	325,177	109,664	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	308,025	87,353	560,499	77,358
1985	# 1,785,033	774,323	51,320	723,003	1,010,710	309,802	91,987	534,658	74,263
1984	# 1,832,614	803,338	58,774	744,564	1,029,276	307,652	98,010	542,503	81,111
1983	# 1,704,501	751,140	48,411	702,729	953,361	309,637	83,447	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	145,564	534,969	93,114
AVERAGE HAUL' (MILES PER TON)									
1989	426.8	92.3		69.7					
1988	464.9	82.6	496.5	60.8	743.2	1,602.1	534.5	449.1	14.9
1987	493.3	81.9	465.8	60.3	804.3	1,727.0	530.3	457.5	14.8
1986	505.2	85.4	479.1	59.7	835.4	1,813.9	519.9	451.6	14.4
1985	540.5	92.9	528.8	61.9	845.3	1,885.9	494.5	442.7	15.5
1984	527.4	98.4	548.7	62.5	862.5	1,930.5	508.0	448.0	14.3
1983	580.3	92.7	502.1	64.4	964.6	2,098.4	516.4	463.2	15.0
1982	543.9	95.7	539.1	66.6	929.0	2,034.0	494.2	438.0	14.7
1981	528.1	106.2	556.4	71.5	884.9	1,971.4	538.5	444.0	14.1
1980	509.2	102.3	555.8	70.4	858.4	1,914.8	536.4	405.0	16.9
1979	450.2	103.8	585.0	65.2	770.0	1,747.1	543.1	405.8	15.1

* 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, 4,648 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	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

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 PORTS	TOTAL	COASTWISE	LAKEWISE	INTERNAL	LOCAL
TON-MILES'									
1989	904,232,222	88,682,287	* 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	269,035,703	1,238,372
1987	968,403,732	72,988,231	* 22,003,252	** 50,984,979	895,415,501	586,818,384	50,076,733	257,336,445	1,183,939
1986	944,910,475	71,509,435	* 24,235,272	** 47,274,163	873,401,040	580,888,675	43,198,187	248,116,902	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	225,628,298	1,099,681
1982	964,896,925	78,428,221	* 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'									
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	325,177	109,664	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	308,025	87,353	560,499	77,358
1985	#.1,785,033	714,323	51,320	723,003	1,010,710	309,802	91,987	534,658	74,263
1984	# 1,832,614	803,338	58,774	744,564	1,029,276	307,652	98,010	542,503	81,111
1983	# 1,704,501	751,140	48,411	702,729	953,361	309,637	53,447	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' (MILES PER TON)									
1989	423.4	85.4	494.5	62.6	743.2	1,602.1	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	1,972.2	523.8	435.2	14.8
1984	527.4	98.4	548.7	62.5	862.5	1,930.5	508.0	448.0	14.3
1983	580.3	92.7	502.1	64.4	964.6	2,098.4	516.4	463.2	15.0
1982	543.9	95.7	539.1	66.6	929.0	2,034.0	494.2	438.0	14.7
1981	528.1	106.2	558.4	71.5	884.9	1,971.4	538.5	444.0	14.1
1980	509.2	102.3	555.8	70.4	858.4	1,914.8	536.4	405.0	16.9
1979	450.2	103.8	585.0	65.2	770.0	1,747.1	543.1	405.8	15.1

* 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;

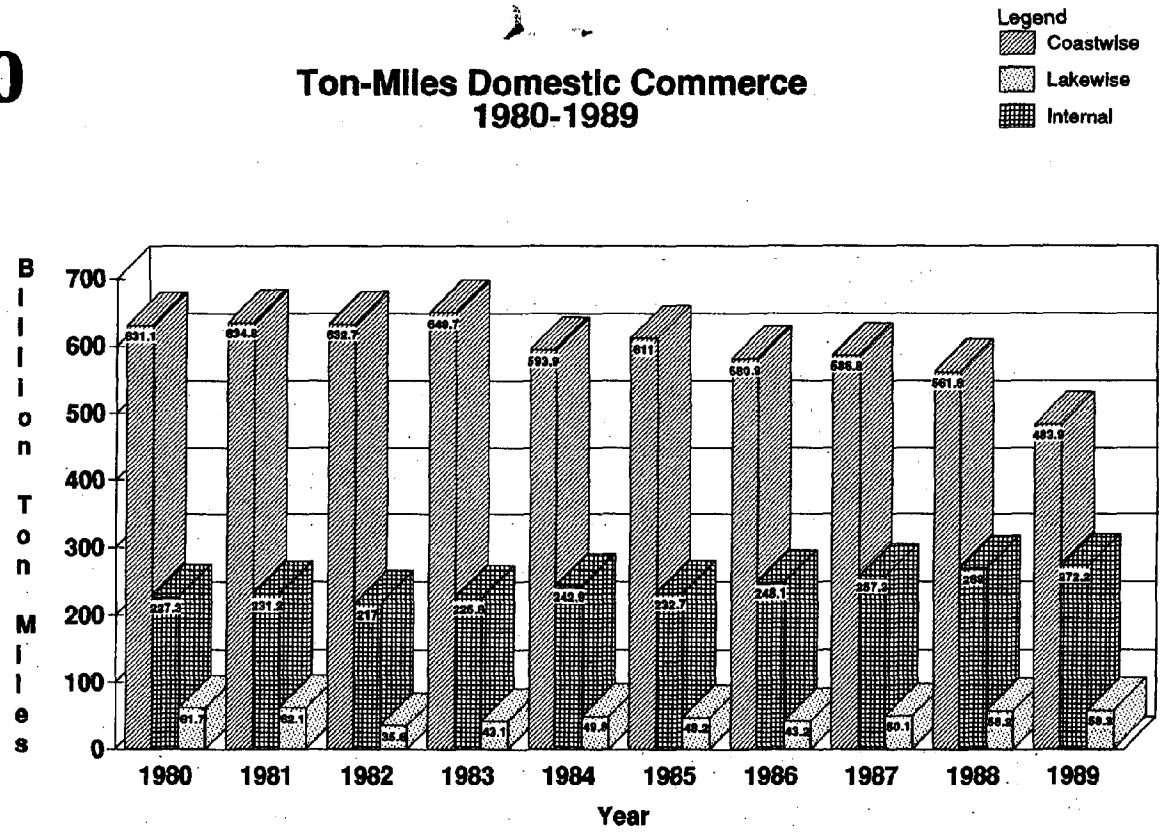
TABLE 2--DOMESTIC TON-MILES TYPE OF TRAFFIC BY SERVICE

CALENDAR YEAR 1989

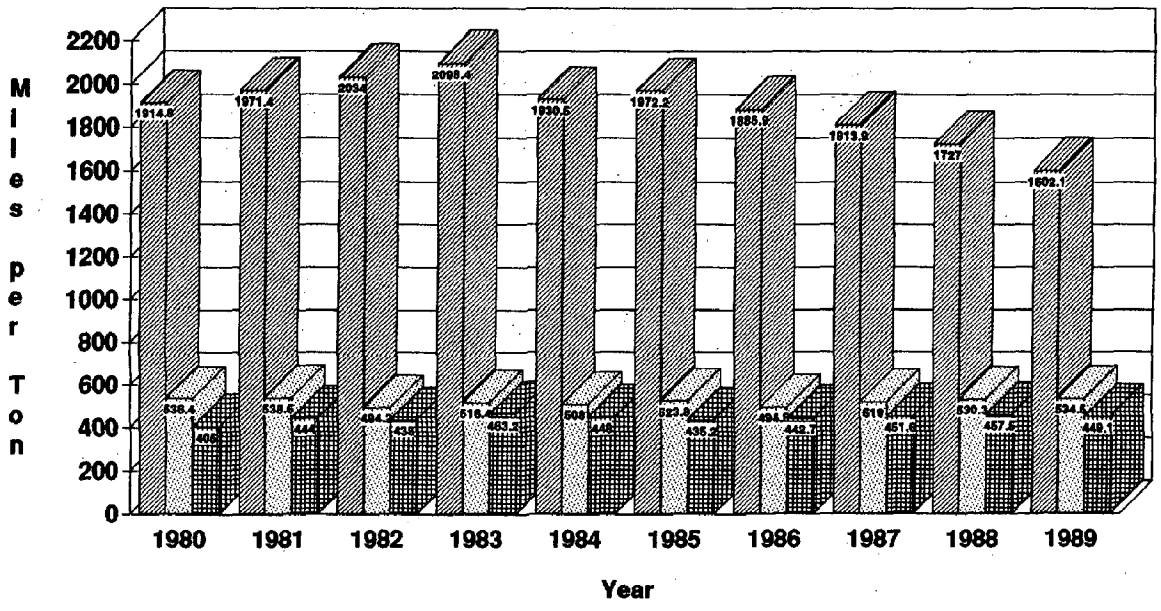
(IN THOUSANDS)

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

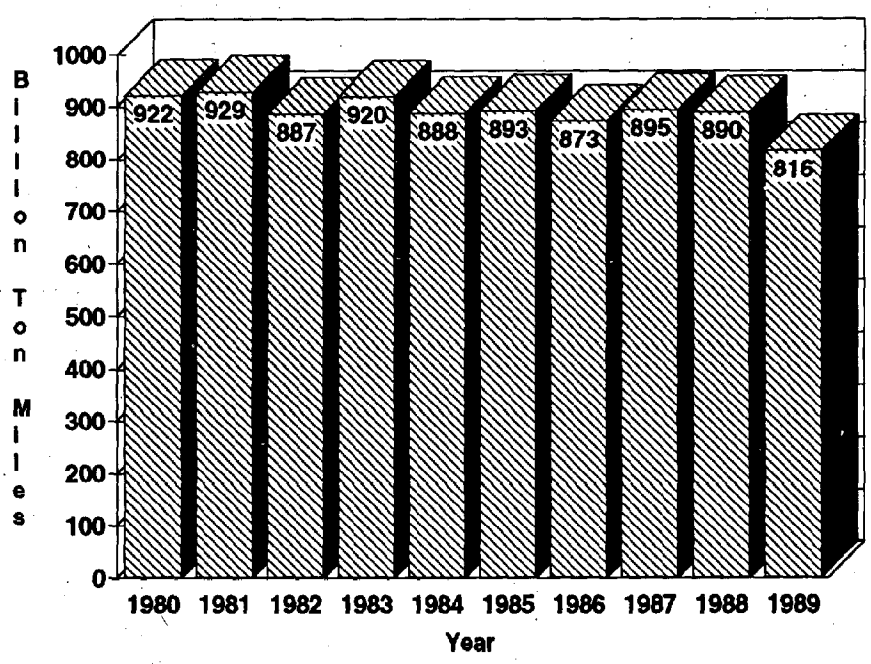
Ton-Miles Domestic Commerce 1980-1989



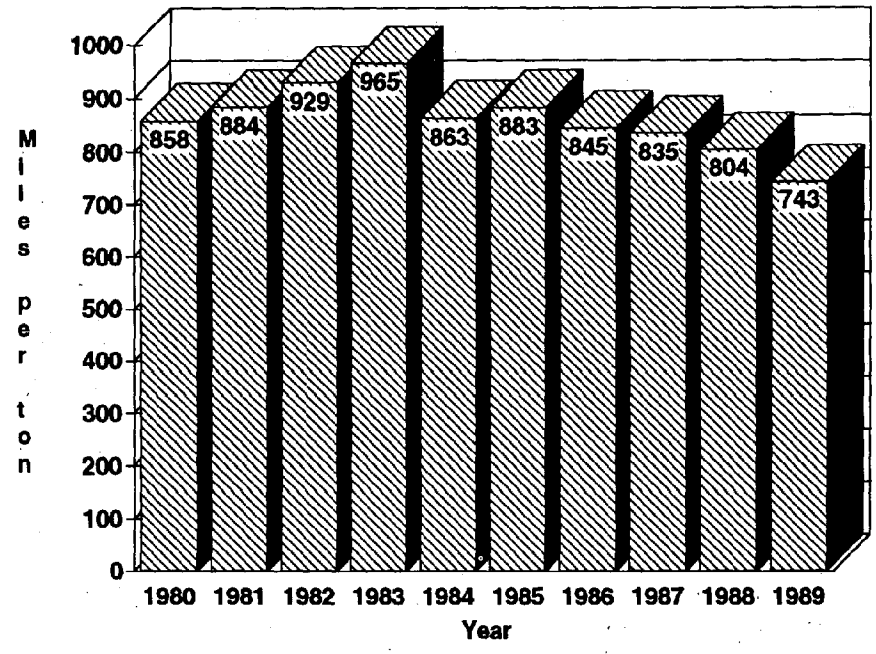
Average Haul Domestic Commerce 1980-1989



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

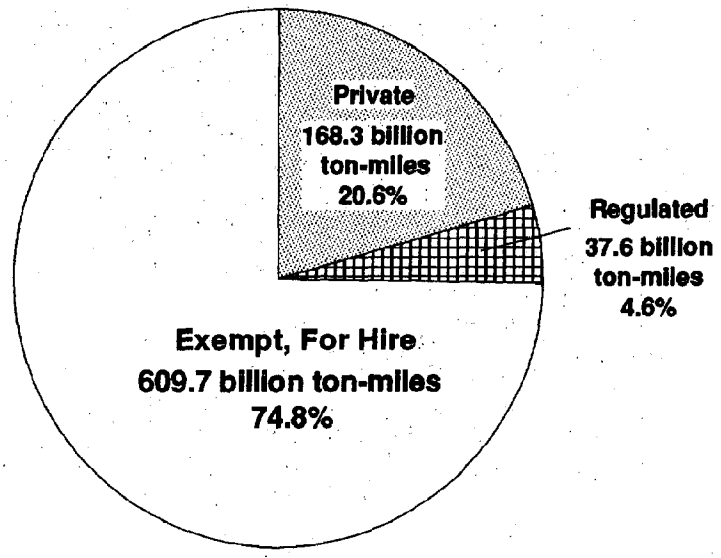


Chart 3 - Domestic Ton-Miles by Type of Service by Type of Traffic, 1989

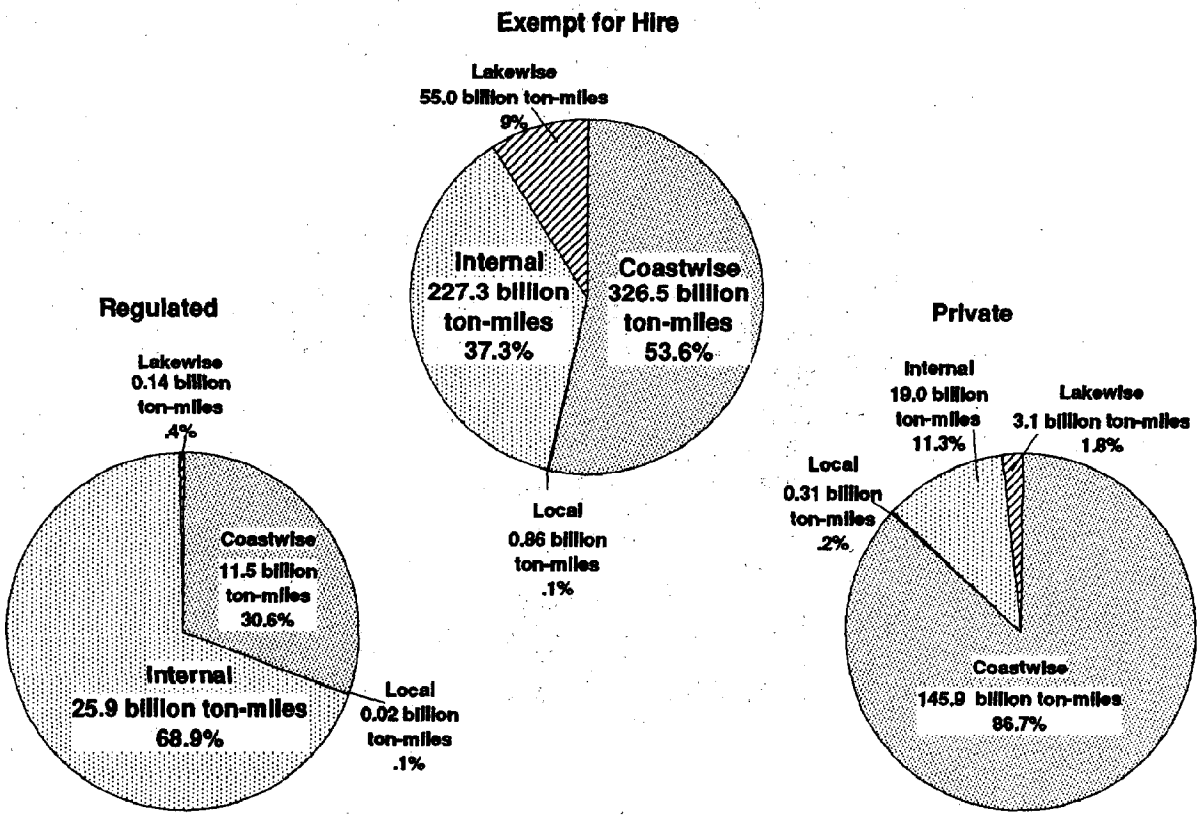


TABLE 3--DOMESTIC TRAFFIC TONS AND TON-MILES OF PRINCIPAL COMMODITY GROUPS BY TYPE OF TRAFFIC AND SERVICE CALENDAR YEAR 1989 #

(IN THOUSANDS)

TYPE OF TRAFFIC AND COMMODITY GROUP	TOTAL			REGULATED			EXEMPT, FOR HIRE			PRIVATE		
	TON-MILES	TONS	AVERAGE HAUL (MILES PER TON)	TON-MILES	TONS	AVERAGE HAUL (MILES PER TON)	TON-MILES	TONS	AVERAGE HAUL (MILES PER TON)	TON-MILES	TONS	AVERAGE HAUL (MILES PER TON)
COASTWISE, TOTAL	483,888,605	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
PETROLEUM AND PRODUCTS	424,939,674	245,144	1,733.4	1,352,506	2,159	626.5	281,445,852	150,795	1,866.4	142,141,316	92,191	1,541.8
COAL AND COKE	6,907,729	12,969	532.6	365,112	498	732.8	6,524,382	12,437	524.6	18,235	34	540.0
IRON ORE AND IRON AND STEEL	496,055	347	1,430.6	127,747	79	1,610.1	364,269	210	1,731.5	4,039	57	70.8
SAND, GRAVEL, AND STONE	446,046	3,142	142.0	37,593	22	1,675.5	403,864	3,102	130.2	4,589	17	268.1
GRAINS	801,205	494	1,623.2	244,021	192	1,272.0	557,184	302	1,846.5			
LOGS AND LUMBER	2,371,001	1,681	1,410.1	1,148,542	936	1,227.5	1,215,070	730	1,664.8	7,389	16	464.3
CHEMICALS AND RELATED PRODUCTS	20,538,130	15,411	1,332.7	1,478,613	1,013	1,459.4	16,837,488	12,542	1,342.5	2,222,029	1,856	1,197.5
SHELLS	2,245	1	1,572.1	2,197	1	1,560.4	48	*	2,400.0			
ALL OTHERS	27,386,520	22,838	1,199.2	6,753,780	4,403	1,534.0	19,175,461	15,186	1,262.7	1,457,279	3,249	448.5
LAKEWISE, TOTAL	58,307,596	109,086	534.5	137,803	522	263.9	55,031,220	99,624	552.4	3,138,573	8,940	351.1
PETROLEUM AND PRODUCTS	556,297	2,382	233.6	37	1	25.8	550,067	2,363	232.8	6,193	17	357.1
COAL AND COKE	10,698,126	19,375	552.2	955	22	43.4	10,631,868	18,799	565.6	65,303	554	117.9
IRON ORE AND IRON AND STEEL	36,337,099	56,511	643.0	110,887	218	507.6	34,501,330	51,732	666.9	1,724,882	4,561	378.2
SAND, GRAVEL, AND STONE	7,654,000	23,543	325.1	11,347	39	294.2	6,612,816	20,796	318.0	1,029,837	2,708	380.3
GRAINS	1,073,937	1,099	977.0				1,073,937	1,099	977.0			
LOGS AND LUMBER	1,679	28	60.8	1,676	28	60.7	3	*	83.3			
CHEMICALS AND RELATED PRODUCTS	95,540	356	268.3	1,265	21	61.0	94,275	335	281.1			
SHELLS												
ALL OTHERS	1,890,918	5,793	326.4	11,636	194	60.1	1,566,924	4,500	348.2	312,358	1,099	284.1
INTERNAL, TOTAL	272,157,415	606,006	449.1	25,899,118	31,530	821.4	227,287,320	477,759	475.7	18,970,977	96,716	196.2
PETROLEUM AND PRODUCTS	39,949,073	161,266	247.7	3,451,039	5,946	580.4	29,984,583	124,338	241.0	6,533,451	30,983	210.9
COAL AND COKE	77,215,946	172,932	446.5	7,650,999	9,070	843.5	69,308,844	162,270	427.1	256,103	1,591	160.9
IRON ORE AND IRON AND STEEL	11,867,045	12,259	968.0	5,359,486	5,405	991.5	6,502,709	6,762	961.7	4,850	92	52.8
SAND, GRAVEL, AND STONE	9,122,176	56,720	160.8	1,163,522	1,937	600.6	5,553,528	23,892	232.4	2,405,126	30,891	77.9
GRAINS	59,295,842	55,400	1,069.4	1,529,206	1,231	1,242.8	56,203,064	51,996	1,080.9	1,513,572	2,173	696.7
LOGS AND LUMBER	1,759,926	16,981	103.6	47,558	393	121.0	1,053,264	10,900	96.6	659,104	5,687	115.9
CHEMICALS AND RELATED PRODUCTS	30,705,754	46,291	663.3	3,659,150	4,080	896.8	22,386,939	31,139	718.9	4,659,665	11,072	420.8
SHELLS	335,437	3,093	108.5				60,285	355	169.8	275,152	2,738	100.5
ALL OTHERS	41,956,216	81,065	517.6	3,038,158	3,467	876.3	36,254,104	66,108	548.4	2,663,954	11,490	231.8
LOCAL, TOTAL	1,196,319	80,208	14.9	19,978	1,024	19.5	864,568	58,725	14.7	311,773	20,459	15.2
PETROLEUM AND PRODUCTS	649,141	49,804	13.0	6,311	584	10.8	558,460	41,644	13.4	84,370	7,577	11.1
COAL AND COKE	91,023	5,578	16.3	152	11	13.8	82,248	3,627	22.7	8,623	1,940	4.4
IRON ORE AND IRON AND STEEL	7,631	592	12.9	1,436	42	34.3	4,285	393	10.9	1,910	156	12.2
SAND, GRAVEL, AND STONE	*131,493*	*7,001*	*18.8*				33,963	1,591	21.3	97,530	5,410	18.0
GRAINS	14,922	59	254.1				14,922	59	254.1			
LOGS AND LUMBER	35,982	2,512	14.3				35,982	2,512	14.3	**	**	1.0
CHEMICALS AND RELATED PRODUCTS	77,959	5,640	13.8	8,097	366	22.1	52,436	4,096	12.8	17,426	1,178	14.8
SHELLS	1,723	66	26.3							1,723	66	26.3
ALL OTHERS	186,445	8,956	20.8	3,982	21	186.7	82,272	4,803	17.1	*100,191*	*4,132*	*24.2*
DOMESTIC, TOTAL	815,549,935	1,097,327	743.2	37,567,010	42,380	886.4	609,706,726	831,413	733.3	168,276,199	223,535	752.8
PETROLEUM AND PRODUCTS	466,094,185	458,597	1,016.3	4,809,893	8,690	553.5	312,518,962	319,139	979.3	148,765,330	130,768	1,137.6
COAL AND COKE	94,912,824	210,853	450.1	8,017,218	9,601	835.0	86,547,342	197,133	439.0	348,264	4,119	84.6
IRON ORE AND IRON AND STEEL	48,707,830	69,709	698.7	5,599,556	5,745	974.7	41,372,593	59,097	700.1	1,735,681	4,866	356.7
SAND, GRAVEL, AND STONE	17,353,715	90,406	192.0	1,212,462	1,998	606.8	12,604,171	49,381	255.2	3,537,082	39,026	90.6
GRAINS	61,135,906	57,051	1,071.6	1,773,227	1,423	1,246.5	57,849,107	53,456	1,082.2	1,513,572	2,173	696.7
LOGS AND LUMBER	4,168,588	21,202	196.6	1,197,776	1,356	883.1	2,304,319	14,142	162.9	666,493	5,703	116.9
CHEMICALS AND RELATED PRODUCTS	51,417,383	67,698	759.5	5,147,125	5,480	939.2	39,371,138	48,112	818.3	6,899,120	14,105	489.1
SHELLS	339,405	3,160	107.4	2,197	1	1,560.4	60,333	355	169.9	276,875	2,803	98.8
ALL OTHERS	71,420,099	118,652	601.9	9,807,556	8,085	1,213.1	57,078,761	90,597	630.0	4,533,782	19,971	227.0

** LESS THAN 500 TON-MILES.

Excludes Intraterritory 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	4,349
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	1,599,641	261,824
0107 WHEAT	13,204,980	353,208	12,125,223	726,549
0111 SOYBEANS	12,251,881	184,655	11,381,249	685,977
0119 OILSEEDS, NEC	38,208	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	69,789	268,239	----------
0132 BANANAS AND PLANTAINS	25,335	12,883	12,452	----------
0133 COFFEE	49,164	39,573	9,591	----------
0134 COCOA BEANS	18,787	18,787	----------	----------
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	38,401	14,967	8,371
0931 MARINE SHELLS, UNMANUFACTURED	339,405	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	3,261,166	----------	2,363,976	897,190
1494 GYPSUM, CRUDE AND PLASTERS	384,590	----------	384,590	----------
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	65,702	----------
2014 TALLOW, ANIMAL FATS AND OILS	139,703	1,758	137,945	----------
2015 ANIMAL BY-PRODUCTS, NEC	7,195	3,333	3,862	----------
2021 DAIRY PRODUCTS, NEC	104,747	27,290	77,457	----------
2022 DRIED MILK AND CREAM	46,012	37,969	8,043	----------
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	15,089	26,317	----------
2042 ANIMAL FEEDS	9,709,559	561,491	8,779,318	368,760
2049 GRAIN MILL PRODUCTS, NEC	3,248,205	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	831,548	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	----------

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, INCUDING 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 PULPWOOD, LOG	400,781	1,069	35,247	364,465
2416 WOOD CHIPS, STAVES, MOLDINGS	627,990	1,565	397,588	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	316,719	10,788	305,462	469
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	706,082	202,154	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	474	177	----------
2813 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	242	1,084	----------
2831 DRUGS	104,341	18,167	86,174	----------
2841 SOAP	252,551	141,891	110,660	----------
2851 PAINTS	88,201	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 POTASSIC CHEM FERTILIZERS	1,047,993	143,133	904,860	----------
2873 PHOSPHATIC CHEM FERTILIZERS	545,006	32,525	442,256	70,225
2876 INSECTICIDES, DISINFECTANTS	15,175	3,934	11,241	----------
2879 FERTILIZER AND MATERIALS, NEC	4,953,398	457,358	3,477,332	1,018,708
2891 MISCELLANEOUS CHEMICAL PROD	782,231	36,781	175,532	569,918
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	60,866	424,187	351,014
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	8,400,248	510,347	3,392,651	4,596,246
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	4,044,946	33,852	2,741,642	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	12,151	9,486	----------
3291 MISC NONMETALLIC MINERAL PROD	410,216	19,745	379,066	11,405
PRIMARY METAL PRODUCTS				
3311 PIG IRON	539,941	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	3,504
3318 FERROALLOYS	1,309,257	642,802	666,455	---
3319 IRON AND STEEL PRODUCTS, NEC	841,650	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	14,647	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	1,392	1,045	347	---
3731 SHIPS AND BOATS	13,932	2,080	11,779	73
3791 MISC TRANSPORTATION EQUIPMENT	52,979	2,689	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	340,857	2,226,524	4,111
4012 NONFERROUS METAL SCRAP	36,869	8,186	28,672	11
4022 TEXTILE WASTE, SCRAP, SWEEP	13,142	5,846	7,296	---
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

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	----------	12,241,037	6,465
0119 OILSEEDS, NEC	38,208	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	----------	59,066	601
0131 FRESH FRUITS	338,028	338,011	17	----------	----------
0132 BANANAS AND PLANTAINS	25,335	25,335	----------	----------	----------
0133 COFFEE	49,164	49,164	----------	----------	----------
0138 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	80,938	78,644	----------	2,294	----------
FOREST PRODUCTS					
0841 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	72,274,784	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	33,657	298,601	52,332	----------
1499 NONMETALLIC MINERALS, NEC	398,654	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	18,864	----------	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	544,012	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	9,281,846	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	848,798	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, INCUDING KNIT					
2311 APPAREL	757,470	757,454	----------	16	----------
LUMBER & WOOD PRODS.,EXC. FURNITURE					
2411 LOGS	165,637	20,294	----------	145,343	----------
2412 RAFTED LOGS	523,498	21,133	----------	466,625	35,740
2413 FUEL WOOD, CHARCOAL, WASTES	47,080	30,160	----------	16,920	----------
2414 TIMBER, POSTS, POLES, PILING	37,436	17,451	----------	19,985	----------
2415 PULPWOOD, LOG	400,781	5,516	----------	395,265	----------
2416 WOOD CHIPS, STAVES, MOLDINGS	627,990	564	----------	627,184	242
2421 LUMBER	1,817,919	1,756,274	1,429	60,216	----------
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	----------	87,238	15
PRINTED MATTER					
2711 PRINTED MATTER	35,598	35,598	----------	----------	----------
CHEMICALS & ALLIED PRODUCTS					
2810 SODIUM HYDROXIDE	4,670,335	2,452,155	----------	2,213,170	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	----------	3,195,408	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	----------	1	----------
2831 DRUGS	104,341	98,075	----------	6,266	----------
2841 SOAP	252,551	252,158	----------	388	5
2851 PAINTS	88,201	88,189	----------	12	----------
2861 GUM AND WOOD CHEMICALS	532,507	455,890	151	75,338	1,128
2871 NITROGENOUS CHEM FERTILIZERS	5,031,570	1,308,965	3,236	3,718,488	881
2872 POTASSIC CHEM FERTILIZERS	1,047,993	127,311	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	590,688	----------	191,473	70
PETROLEUM & COAL PRODUCTS					
2911 GASOLINE	50,770,675	39,847,294	207,312	10,579,151	136,918
2912 JET FUEL	10,816,565	8,995,458	17,180	1,796,574	7,353
2913 KEROSENE	836,067	586,885	605	203,882	4,695
2914 DISTILLATE FUEL OIL	31,237,602	25,510,317	88,400	5,472,709	166,176
2915 RESIDUAL FUEL OIL	40,474,512	31,372,316	70,501	8,811,961	219,734
2916 LUBRICATING OILS AND GREASES	8,499,244	6,487,552	1,257	1,995,971	14,464
2917 NAPHTHA, PETROLEUM SOLVENTS	4,407,665	2,510,271	----------	1,882,899	14,495
2918 ASPHALT, TAR, AND PITCHES	4,905,726	1,554,056	170,977	3,170,013	10,680
2920 COKE, PETROLEUM COKE	5,206,961	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	40	40	----------	----------	----------
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	115,674	88	366,918	231
3317 IRON AND STEEL PIPE AND TUBE	512,592	106,198	28	405,962	404
3318 FERROALLOYS	1,309,257	12,600	----------	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	2,405	----------	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	6,466	----------
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	12,416	----------	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

(IN THOUSANDS)

COMMODITY	TOTAL	COASTWISE	LAKEWISE	INTERNAL	LOCAL
TOTAL	37,567,010	11,510,111	137,803	25,899,118	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	1,027	1,027			
0122 HAY AND FODDER	29,019	29,019			
0129 FIELD CROPS, NEC	52,033	1,299		50,734	
0131 FRESH FRUITS	69,789	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	124,086	125		
0151 LIVE ANIMALS	125	125			
0161 ANIMALS AND PRODUCTS, NEC	11,634	11,634			
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	209,724	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			

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, INCUDING KNIT					
2311 APPAREL	537,323	537,323	----	----	----
LUMBER & WOOD PRODS.,EXC. 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, MOLDINGS	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	71,877	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	----	836,883	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	199,735	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	762,855	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	708,560	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	365	10	61,827	----------
SPECIAL ITEMS					
4111 WATER	192	----------	----------	192	----------
4112 COMMODITIES, NEC	2,056,337	2,052,481	59	3,797	----------

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	326,523,618	55,031,220	227,287,320	864,568
FARM PRODUCTS					
0101 COTTON, RAW	92	92			
0102 BARLEY AND RYE	159,960			159,960	
0103 CORN	42,614,874	225,038		42,383,726	6,110
0104 OATS	335,630	7,005		328,538	87
0105 RICE	813,779	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	74,898		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	14,995	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	35,621,964		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			209,968	27
1091 NONFERROUS ORES, CONCENT, NEC	541,601	10,670		530,852	79
COAL					
1121 COAL AND LIGNITE	82,960,890	6,359,940	10,565,466	65,986,949	48,535
CRUDE PETROLEUM					
1311 CRUDE PETROLEUM	215,251,246	210,685,368		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	1,388			1,388	
1442 SAND, GRAVEL, CRUSHED ROCK	3,736,257	392,606	230,227	3,079,638	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	5,213,482	132,773	344,388	4,736,078	243
1492 SULPHUR, DRY	18,883	18,883			
1493 SULPHUR, LIQUID	2,363,976	2,102,797		258,529	2,650
1494 GYPSUM, CRUDE AND PLASTERS	384,590	33,657	298,601	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	419,038		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	313,897		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		8,559,988	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	831,548	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

(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	28,844	----------	1,443	----------
APPAREL & OTHER FINISHED TEXTILE PRODUCTS, INCUDING KNIT					
2311 APPAREL	220,147	220,131	----------	16	----------
LUMBER & WOOD PRODS.,EXC. FURNITURE					
2411 LOGS	84,011	940	----------	83,071	----------
2412 RAFTED LOGS	503,990	21,133	----------	447,117	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	646	----------	34,601	----------
2416 WOOD CHIPS, STAVES, MOLDINGS	397,588	46	----------	397,300	242
2421 LUMBER	723,267	690,450	2	32,815	----------
2431 VENEER, PLYWOOD, WORKED WOOD	149,800	125,446	----------	24,354	----------
2491 WOOD MANUFACTURES, NEC	305,462	305,123	1	338	----------
FURNITURE & FIXTURES					
2511 FURNITURE AND FIXTURES	334,206	334,014	----------	192	----------
PULP, PAPER & ALLIED PRODUCTS					
2611 PULP	78,333	49,642	----------	28,691	----------
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	538,666	2,531
2812 DYES, PIGMENT, TANNING MATS	177	177	----------	----------	----------
2813 ALCOHOLS	3,142,051	1,279,755	----------	1,857,019	5,277
2816 RADIOACTIVE MATERIALS, WASTES	932	932	----------	----------	----------
2817 BENZENE AND TOLUENE	1,404,904	621,215	----------	767,479	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	1,084	1,083	----------	1	----------
2831 DRUGS	86,174	79,908	----------	6,266	----------
2841 SOAP	110,660	110,267	----------	388	5
2851 PAINTS	68,986	68,974	----------	12	----------
2861 GUM AND WOOD CHEMICALS	527,667	451,456	----------	75,083	1,128
2871 NITROGENOUS CHEM FERTILIZERS	4,807,206	1,167,045	3,236	3,636,044	881
2872 POTASSIC CHEM FERTILIZERS	904,860	57,617	----------	846,207	1,036
2873 PHOSPHATIC CHEM FERTILIZERS	442,256	35,778	----------	404,862	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	108,653
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	3,611,598	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	1,872,397	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
2951 ASPHALT BUILDING MATERIALS	53,438	53,423	----------	15	----------
2991 PETROLEUM AND COAL PROD, NEC	1,093,143	646,321	33	442,454	4,335
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	50,283	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	148,543	305,814	----------
3313 COKE, PET. ASPHALTS, SOLVENTS	40	40	----------	----------	----------
3314 IRON AND STEEL PRIMARY FORMS	946,039	737	51	945,228	14
3315 IRON, STEEL SHAPES, EXC SHEET	1,470,100	43,606	2	1,426,475	17

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,& TRANS. 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	83,154	84
ELECTRICAL MACHINERY, EQUIPMENT &SUPPLIES					
3611 ELECTRICAL MACH AND EQUIP	164,525	158,197	----------	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	273,182	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	4,468,517	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	----------	----------	8,338	33
0931 MARINE SHELLS, UNMANUFACTURED	276,875	----------	----------	275,152	1,723
METALLIC ORES					
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	1,528,786	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	1,822
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, LOG	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	1,065
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	229,491	25,311	----------	202,007	2,173
2819 BASIC CHEMICALS AND PROD, NEC	2,324,858	431,030	----------	1,889,069	4,759
2861 GUM AND WOOD CHEMICALS	255	----------	----------	255	----------
2871 NITROGENOUS CHEM FERTILIZERS	24,629	----------	----------	24,629	----------
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	78,083	37,342	----------
3315 IRON, STEEL SHAPES, EXC SHEET	1,635	1,580	----------	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	----------	82	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

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 ISLNDS	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	GRAND
	DOMESTIC	FOREIGN	DOMESTIC	FOREIGN	STATE	TOTALS
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 ISLNDS	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

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