
WATERBORNE TRANSPORTATION LINES OF THE UNITED STATES

Calendar Year 2002

Volume 1 –
National Summaries



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the Institute for Water Resources
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Contents

	Table	Figure	Page
Introduction			ii
Terminology			iii
Summary of the United States Flag Passenger and Cargo Vessels Operating or Available for Operation on December 31, 2002 by Region	1		3
Summary of the United States Vessel Inventory by Region for 2002		1-1	4
Summary of the United States Vessel Inventory by Type of Vessel for 2002		1-2	5
Summary of the United States Flag Passenger and Cargo Vessels Operating or Available for Operation by Year	2		6
Summary of the United States Vessel Inventory by Year		2	7
Summary of the United States Fleet Construction by Vessel Type for Years 1993-2002	3		8
Summary of the United States Fleet Construction by Vessel Type for Years 1993-2002		3	9
Summary of the United States Flag Vessels by Vessel Type and Age for 2002	4		10
Summary of the United States Flag Vessels by Vessel Type and Age for 2002		4	11
Summary of the United States Towboat Fleet by Horsepower for 2002	5	5	12
Summary of the United States Tank Barge Fleet by Barge Type and Size for 2002	6	6	13
Summary of the United States Shallow Draft Tank Barge Fleet by Barge Type and Size for 2002	7	7	14
Summary of the United States Deep Draft Tank Barge Fleet by Barge Type and Size for 2002	8	8	15
Summary of the United States Dry Cargo Barge Fleet by Barge Type and Size for 2002	9		16
Summary of the United States Dry Cargo Barge Fleet by Barge Type and Size for 2002		9	17
Summary of the United States Shallow Draft Dry Cargo Barge Fleet by Barge Type and Size for 2002	10		18
Summary of the United States Shallow Draft Dry Cargo Barge Fleet by Barge Type and Size for 2002		10	19
Summary of the United States Deep Draft Dry Cargo Barge Fleet by Barge Type and Size for 2002	11		20
Summary of the United States Deep Draft Dry Cargo Barge Fleet by Barge Type and Size for 2002		11	21
Summary of the United States Shallow and Deep Draft Vessels by Vessel Type for 2002	12	12	22
Summary of the United States Flag Vessels: Available Versus Operating by Vessel Type for 2002	13	13	23
Summary of the United States Ferry Fleet 2002 by State	14	14	24
Ordering Guide for the Navigation Data Center Reports Waterborne Commerce, Vessel and Locks Statistics			
Ordering Guide for Port Series Reports			

Introduction

The annual revision of the *Waterborne Transportation Lines of the United States (WTLUS)* contains summary information of the vessel companies and their American flag vessels operating or available for operation on 31 December 2002 including updates through 30 September 2003 in the transportation of freight and passengers. Ferry¹ operators and their ferry characteristics are included. Floating equipment used in construction work, such as dredges, piledrivers, and flats; fishing vessels; and recreational craft are not included. The **WTLUS** is prepared under authority contained in the Rivers and Harbors Appropriations Act approved 22 September 1922, (42 Stat. 1043), as amended, and codified in 33 U.S.C. 555.

The **National Summaries, Volume 1**, is one of three publications for the annual revision of the **WTLUS**, which provides a condensation of the vessel data detailed in the **WTLUS**. Summarized vessel characteristics are represented in both tabular and graphic format.

The **Vessel Company Summary, Volume 2**, provides a summary of the vessel companies detailed in the **WTLUS**, **Vessel Characteristics, Volume 3**. The names of the vessel companies are listed alphabetically with their business address and telephone number, the Engineer District number, the TSOoperator (vessel company) number (for usage in querying computer data), principal commodities carried, the points or localities and waterways between which or on which operated and the number of vessels reported by vessel type.

The **Vessel Characteristics, Volume 3**, lists the vessel companies in alphabetical sequence and describes each vessel surveyed by indicating its name and number, Coast Guard number, net tonnage, type by VTCC code (Vessel Type, Construction and Characteristics) and ICST code (International Classification of Ships by Type; see Terminology for VTCC and ICST), register and overall length and breadth, loaded and light draft, horsepower, carrying capacity in short tons or units of cargo and number of passengers, height of fixed superstructures, cargo handling equipment, operating headquarters, and year built or rebuilt. Detail vessel characteristics may not be available for all vessels included in the total **WTLUS** vessel inventory.

The detail vessel data is available upon request on diskettes or CD-ROM. Ordering information is available from the Waterborne Commerce Statistics Center, P.O. Box 61280, New Orleans, LA 70161-1280. (Telephone 504/862-1424 or FAX 504/862-1423).

The **WTLUS** publication is a by-product of the Waterborne Commerce Statistics Center (WCSC) Master Vessel File. The annual survey would be done even if there were no **WTLUS** publication because the survey is a necessary and integral part of the WCSC enforcement and collection program. Tracking vessel owners and operators is the primary means of identifying non-reporting carriers and new vessel operating companies.

1. A ferry is a vessel that conveys passengers and/or vehicles (driven on and off the vessel) across a narrow body of water (river, strait, inlet, etc.).

Terminology

TOperator: (Vessel Company) a Transportation Lines vessel company surveyed and assigned a seven digit code by the Waterborne Commerce Statistics Center (WCSC). The vessel inventory for each TOperator is reported annually to WCSC and is contained in the Master Vessel File. The first two digits of the TOperator code denotes the Engineer Division / District code with the last five digits forming a unique number assigned to a particular TOperator. There are 2,551 TOperators listed in the WTLUS publication for calendar year 2002.

Engineer Division / District: (ENGR DIST) WCSC two digit code for the U.S. Army Corps of Engineer Division / District. Its usage in the TOperator code is to identify where the vessel company is domiciled.

01	New England	29	St. Louis, MO
03	New York, NY	30	Memphis, TN
07	Philadelphia, PA	31	Vicksburg, MS
09	Baltimore, MD	32	New Orleans, LA
11	Norfolk, VA	33	Galveston, TX
12	Wilmington, NC	34	Little Rock, AR
13	Charleston, SC	35	Kansas City, MO
14	Savannah, GA	36	Seattle, WA
15	Jacksonville, FL	37	Portland, OR
16	Mobile, AL	38	Alaska
17	Nashville, TN	39	San Francisco, CA
18	Louisville, KY	40	Sacramento, CA
20	Huntington, WV	41	Los Angeles, CA
21	Pittsburgh, PA	42	Honolulu, HI
22	Buffalo, NY	43	Omaha, NE
23	Detroit, MI	44	Walla Walla, WA
26	Chicago, IL	45	Tulsa, OK
27	St. Paul, MN	46	Fort Worth, TX
28	Rock Island, IL	47	Albuquerque, NM

Coast Guard Number: the official number assigned to a particular vessel by the U.S. Coast Guard at the time of registration. This number is normally retained by a vessel throughout the life of the vessel.

Net Tonnage: the volume of space available for the accommodation of passengers and the stowage of cargo, expressed in units of 100 cubic feet for each net ton. The net tonnage is recorded on the vessel's registration papers or it can be determined as the difference between gross tonnage and the volume of space used for the accommodation of the vessel master, officers, crew, navigation and propelling machinery expressed in units of 100 cubic feet per ton. The net tonnage should not be confused with a tonnage capacity because it simply expresses a volume capacity for passengers and cargo. Depending on the type of cargo being transported the tonnage that can be stowed in the volume of 100 cubic feet will vary, although generally speaking, the total tonnage capacity should not exceed three times the net tonnage of the vessel.

VTCC Code: Vessel Type, Construction and Characteristics code, which describes in general terms the vessel type, construction and characteristics of the marine structure; e.g. 2A22 represents the code for a self-propelled, liquid bulk tanker constructed of steel. See the "Explanation of Vessel Type, Construction and Characteristics" listing for descriptions of the VTCC codes on page vi.

ICST Code: International Classification of Ships by Type was developed by an ad hoc international advisory group on Maritime Statistics and completed in 1994. The classification is based on the construction characteristics of the marine structure and not upon its particular use or cargo carried at a point in time. The ICST codes and descriptions and the cross reference list between the VTCC and ICST codes are provided on pages v and vii, respectively.

Length

Register: (LENGTH REG.) the length of the vessel measured on the top of the tonnage deck from the forepart of the outer planking or plating at the bow to the afterpart of the sternpost of screw steamers and to the afterpart of the rudder post of other vessels. The register length is reported in units of feet to the nearest tenth.

Overall: the extreme length of the vessel which would include any structure which extends beyond the outer planking or plating on the bow or any structure that extends beyond the sternpost on screw steamers and to the afterpart of the rudder post of other vessels. The overall length is reported in units of feet to the nearest tenth.

Breadth

Register: (BRDTH REG.) the breadth of the vessel at its widest part measured from the outside of the planking or plating on one side to the corresponding point on the opposite side, reported in units of feet to the nearest tenth.

Overall: the extreme breadth or maximum breadth of the vessel to the outside of the vessel's structure, reported in units of feet to the nearest tenth. Includes the paddle boxes in paddle ships.

Draft

Loaded: the draft of the vessel when fully loaded, reported in units of feet to the nearest tenth.

Light: the draft of the vessel when it is empty, reported in units of feet to the nearest tenth.

Horsepower: horsepower rating when the vessel was new or when the present engine was installed.

Capacity Tons: (cargo capacity) the full load capacity of the vessel in short tons (2,000 lbs.).

Passengers: the passenger capacity of the vessel in units.

Capacity Reference: designates a type of cargo carried by that particular vessel as defined:

Character	Type of Cargo
Blank	General Bulk Cargo
+	Railroad Cars
#	Autos, Vehicles, Trailers
%	Cargo Capacity Railroad Cars
@	Vans
&	Container

Highest Fixed Point: the height of the highest fixed point on the vessel in units of feet to the nearest tenth. The height represents the distance between the waterline of the vessel (when light) and the highest fixed point on the vessel, such as a pilot house, mast, etc. If the highest point of a vessel is a hinged stack or retractable pilot house, the distance is given to the hinge or top of pilot house in lowered position.

Cargo Handling Equipment: permanent fixtures on the vessel, such as cranes, derricks, hoists, pumps, etc. and handling capacity and type of power used to operate the equipment, such as steam, electric, diesel, etc. LINE-1 and LINE-2 break up the descriptive data to print in a two line format.

State Code: the U.S. Postal code for state abbreviation for the operating headquarters of the vessel.

Vessel Operating Base: the city or locality of the operating headquarters of the vessel. LINE-1 and LINE-2 break up the descriptive data to print in a two line format.

Year Built: the calendar year the vessel was built or rebuilt.

Rebuilt: An asterisk specifies that the year given will be the year the vessel was rebuilt rather than the year built. Rebuilt status is a vessel modification or significant improvement that extends the working life of the vessel. This status is left to the discretion of the vessel company surveyed.

Vessel Category Cross Reference List

Vessel Categories	VTCC Characteristics Code	ICST Code
Self-Propelled		
Dry Bulk Carrier	06	229
Containership	07	310
General Cargo Carrier	03, 04, 05, 08, 09 and 12	333, 334, 335 and 336
Specialized Carrier	10, 13, 14 and 15	321, 325 and 329
Tanker	20, 21, 22, 23 and 24	114, 120, 139 and 199
Pushboat	35	432
Tugboat	36	431
Passenger	11 and 16	351 and 359
Offshore Support Vessel	02	422
Non-Self-Propelled		
Dry Covered Barge	41 and 48	345
Dry Open Barge	40 and 47	344
Deck Barge	43	341
Lash / Seabee Barge	52	343
Other Dry Barge	42, 44, 49, 50, 90, and 99	349
Single Hull Tank Barge	70	141
Double Hull Tank Barge	71	142
Other Tank Barge	72, 73 and 74	143, 144 and 149

Explanation of the International Classification of Ships by Type (ICST Codes)

114	Liquid Oil Tanker (Oil / Chemical)	333	General Cargo RO-RO / Container
120	Liquid Chemical Tanker	334	Other RO-RO Cargo (General Cargo)
139	Liquid Gas Carrier (Other)	335	General Cargo / Passenger
141	Liquid Tank Barge (Single Hull)	336	General Cargo / Container
142	Liquid Tank Barge (Double Hull)	341	Dry Cargo Deck Barge
143	Liquid Tank Barge (Double Sided Only)	343	Dry Cargo Lash / Seabee Barge
144	Liquid Tank Barge (Double Bottom Only)	344	Open Dry Cargo Barge
149	Liquid Tank Barge (Other)	345	Dry Cargo Covered Barge
199	Liquid Other Tanker	349	Dry Cargo Other Barge
229	Dry Bulk (Other) Carrier	351	Passenger (Cruise)
310	Containership (Specialized)	359	Passenger (Other)
321	Barge Carrier (Specialized)	422	Offshore Support Vessel
325	Vehicle Carrier (Specialized)	431	Tugboat
329	Other Carriers (Specialized)	432	Pushboat

Explanation of Vessel Type, Construction and Characteristics (VTCC Code)

Construction:

- | | |
|------------|--------------|
| A Steel | D Fiberglass |
| B Wood | E Other |
| C Aluminum | F Unknown |

Type: 1 Self-Propelled, Dry Cargo

Characteristics:

- | | |
|--|------------------------------------|
| 02 Crewboat / Supply / Utility Vessel | 10 Vehicle Carrier |
| 03 General Cargo Freighter | 11 Passenger Carrier |
| 04 Break Bulk / RO-RO Carrier | 12 Combination Passenger and Cargo |
| 05 RO-RO Vessel | 13 Ferry |
| 06 Bulk Carrier | 14 Railroad Car Ferry |
| 07 Containership | 15 Lash Vessel |
| 08 Partial Containership | 16 Excursion / Sightseeing Vessel |
| 09 Container / Vehicle / Trailer (RO-RO) Carrier | |

Type: 2 Self-Propelled, Tanker

Characteristics:

- | | |
|---------------------------------|-----------------------|
| 20 Petroleum / Chemical Carrier | 23 Liquid Gas Carrier |
| 21 Chemical Carrier | 24 Other Tanker |
| 22 Liquid Bulk Tanker | |

Type: 3 Towboat

Characteristics:

- | | |
|-------------|------------|
| 35 Pushboat | 36 Tugboat |
|-------------|------------|

Type: 4 Non-Self-Propelled, Dry Cargo

Characteristics:

- | | |
|----------------------------------|----------------------------|
| 40 Open Hopper Barge | 48 Covered Dry Cargo Barge |
| 41 Covered Hopper Barge | 49 RO-RO Barge |
| 42 Carfloat (Railroad Car Barge) | 50 Container Barge |
| 43 Flat / Deck Barge | 52 Lash / Seabee Barge |
| 44 Pontoon Barge | 90 Convertible Barge |
| 47 Open Dry Cargo Barge | 99 Other |

Type: 5 Non-Self-Propelled, Tanker

Characteristics:

- | | |
|---|--|
| 70 Liquid Cargo Barge (Single Hull) | 73 Liquid Cargo Barge (Double Bottom Only) |
| 71 Liquid Cargo Barge (Double Hull) | 74 Other Liquid Cargo Barge, Not |
| 72 Liquid Cargo Barge (Double Sided Only) | Elsewhere Included |

Type: 6 Other

Characteristics:

- | |
|--------------|
| 01 Undefined |
|--------------|

Vessel Category Cross Reference List

International Classification of Ships by Type (ICST)	Vessel Type, Construction and Characteristics (VTCC)
114 Liquid Oil Tanker (Oil / Chemical)	20 Petroleum / Chemical Carrier
120 Liquid Chemical Tanker	21 Chemical Carrier
139 Liquid Gas Carrier (Other)	23 Liquid Gas Carrier
141 Liquid Tank Barge (Single Hull)	70 Liquid Cargo Barge (Single Hull)
142 Liquid Tank Barge (Double Hull)	71 Liquid Cargo Barge (Double Hull)
143 Liquid Tank Barge (Double Sided Only)	72 Liquid Cargo Barge (Double Sided Only)
144 Liquid Tank Barge (Double Bottom Only)	73 Liquid Cargo Barge (Double Bottom Only)
149 Liquid Tank Barge (Other)	74 Liquid Cargo Barge, Not Elsewhere Included
199 Liquid Other Tanker	22 Liquid Bulk Tanker
	24 Other Tanker
229 Dry Bulk (Other) Carrier	06 Bulk Carrier
310 Containership (Specialized)	07 Containership
321 Barge Carrier (Specialized)	15 Lash Vessel
325 Vehicle Carrier (Specialized)	10 Vehicle Carrier
329 Other Carriers (Specialized)	13 Ferry
	14 Railroad Car Ferry
333 General Cargo RO-RO / Container	09 Container / Vehicle / Trailer (RO-RO) Carrier
334 Other RO-RO Cargo (General Cargo)	04 Break Bulk / RO-RO Carrier
	05 RO-RO Vessel
335 General Cargo / Passenger	03 General Cargo Freighter
	12 Combination Passenger and Cargo
336 General Cargo / Container	08 Partial Containership
341 Dry Cargo Deck Barge	43 Flat / Deck Barge
343 Dry Cargo Lash / Seabee Barge	52 Lash / Seabee Barge
344 Open Dry Cargo Barge	40 Open Hopper Barge
	47 Open Dry Cargo Barge
345 Dry Cargo Covered Barge	41 Covered Hopper Barge
	48 Covered Dry Cargo Barge
349 Dry Cargo Other Barge	42 Carfloat (Railroad Car Barge)
	44 Pontoon Barge
	49 RO-RO Barge
	50 Container Barge
	90 Convertible Barge
	99 Other
351 Passenger (Cruise)	11 Passenger Carrier
359 Passenger (Other)	16 Excursion / Sightseeing Vessel
422 Offshore Support Vessel	02 Crewboat / Supply / Utility Vessel
431 Tugboat	36 Tugboat
432 Pushboat	35 Pushboat

Selected Inland Commercial Vessels

These vessels are commonly used in the transport of commodities on the inland waterway system. This is not intended to be a complete description of all merchant vessels using the inland waterway system

Self-Propelled

Tugboat: Self-propelled vessel with a V - shaped bow designed for the towing (and pushing) of ships or other floating structures such as barges in ports/harbors.

Towboat/Push Boat: Self-propelled vessel designed to tow/push barges and pontoons. The hull is usually rectangular in plan and has little freeboard. A pair of knees of ample strength and height engage barges of various depths to maneuver the tow.

Non-Self-Propelled

Barge: A category of vessel designed as non-self-propelled units for the carriage of cargo on the weather deck or in holds or in tanks. The units are towed/pushed by another ship (tug or pusher vessel).

Dry Cargo Barge: Non-self-propelled vessel, usually flat bottomed and rectangular in structure with cargo space below deck. The cargo space may be covered or uncovered. Usually used to transport bulk commodities on rivers and canals. The industry commonly refers to these barges as open/covered hopper barges¹.

Deck Barge: Non-self-propelled vessel, usually flat bottomed and rectangular in structure, having an intact deck for the carriage of bulk materials. Commonly referred to as a scow, lighter or hoy.

Lash/Seabee Barge: A barge, usually flat-bottomed and rectangular in structure to be lightered aboard a mother ship.

Tank Barge: Non-self-propelled vessel constructed and arranged for the carriage of liquid cargoes in tanks integral to the hull or independent of the hull. Pumping arrangements may be provided on board or left to shore equipment. Typical cargoes would include petroleum and other liquids.

Single Hull Tank Barge: A tank barge with the sides and the bottom being single hull.

Double Hull Tank Barge: A tank barge with the sides and the bottom being double hull.

Double Sided Tank Barge: A tank barge with the sides being double hull and the bottom being single hull.

Double Bottom Tank Barge: A tank barge with the sides being single hull and the bottom being double hull.

1. Most companies responding to the Transportation Annual Survey do not classify vessels according to the textbook definition of a hopper barge, which describes a barge designed for the carriage of dredged material or other waste material in hoppers for subsequent discharge elsewhere through the bottom of the barge by means of doors/valves or by means of a split hull separation.

Volume 1

National Summaries

TABLE 1: SUMMARY OF THE UNITED STATES FLAG PASSENGER AND CARGO VESSELS OPERATING OR AVAILABLE FOR OPERATION ON DECEMBER 31, 2002* BY REGION

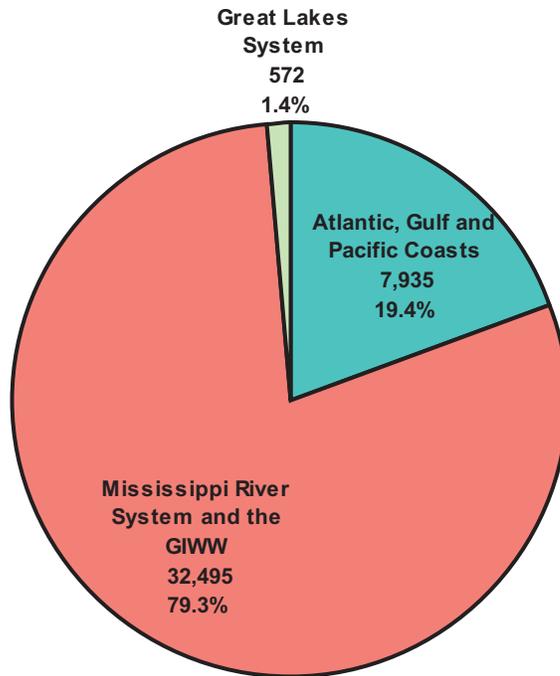
Type of Vessels	Total 2002	Atlantic, Gulf and Pacific Coasts	Mississippi River System and the Gulf Intracoastal Waterway	Great Lakes System
Self-Propelled				
Dry Cargo and/or Passenger, Offshore Support				
Number of Vessels	2,738	1,392	1,186	160
Horsepower	7,929,775	5,560,063	1,871,841	497,871
Cargo Capacity (short tons)	6,452,715	4,280,318	251,749	1,920,648
Number of Passengers (capacity)	230,307	136,905	71,617	21,785
Vehicular Ferries and Railroad Cars				
Number of Vessels	595	452	74	69
Horsepower	948,744	824,324	40,395	84,025
Number of Passengers (capacity)	188,178	162,134	12,218	13,826
Tankers				
Number of Vessels	108	101	3	4
Horsepower	1,328,269	1,315,319	4,150	8,800
Cargo Capacity (short tons)	5,641,097	5,617,553	3,610	19,934
Towboats				
Number of Vessels	5,180	1,763	3,286	131
Horsepower	10,088,372	3,821,052	6,097,847	169,473
Total Self-Propelled				
Number of Vessels	8,621	3,708	4,549	364
Horsepower	20,295,160	11,520,758	8,014,233	760,169
Cargo Capacity (short tons)	12,093,812	9,897,871	255,359	1,940,582
Number of Passengers (capacity)	418,485	299,039	83,835	35,611
Non-Self-Propelled				
Barges, Dry Cargo				
Number of Vessels	28,281	3,553	24,530	198
Cargo Capacity (short tons)	44,688,157	6,437,881	37,836,568	413,708
Number of Passengers (capacity)	5,144	130	5,014	0
Barges, Tanker				
Number of Vessels	4,068	644	3,416	8
Cargo Capacity (short tons)	11,925,863	4,048,330	7,854,351	23,182
Railroad Car Floats				
Number of Vessels	32	30	0	2
Cargo Capacity (short tons)	107,796	107,796	0	0
Total Non-Self-Propelled				
Number of Vessels	32,381	4,227	27,946	208
Cargo Capacity (short tons)	56,721,816	10,594,007	45,690,919	436,890
Number of Passengers (capacity)	5,144	130	5,014	0
Grand Total Self and Non-Self-Propelled				
Number of Vessels	41,002	7,935	32,495	572
Horsepower	20,295,160	11,520,758	8,014,233	760,169
Cargo Capacity (short tons)	68,815,628	20,491,878	45,946,278	2,377,472
Number of Passengers (capacity)	423,629	299,169	88,849	35,611

Exclusive of fishing vessels, dredges, and derricks, etc., used in construction work.

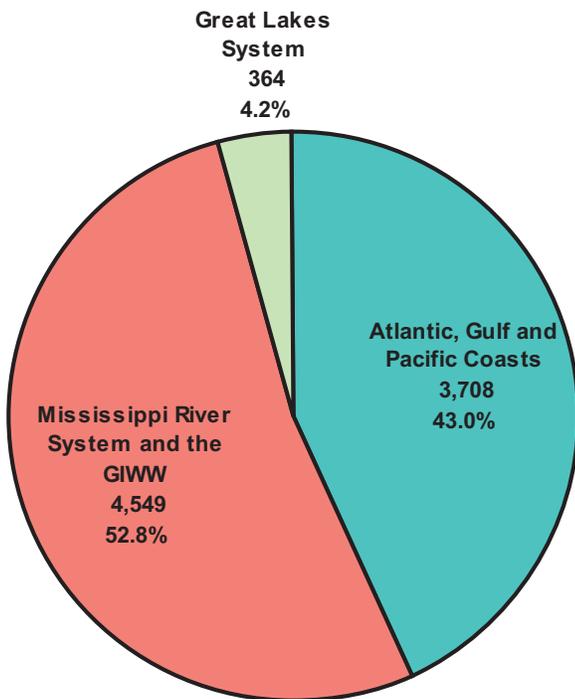
* Includes updates thru September 2003.

FIGURE 1-1: SUMMARY OF THE UNITED STATES VESSEL INVENTORY
BY REGION FOR 2002

All Vessels



Self-Propelled Vessels



Non-Self-Propelled Vessels

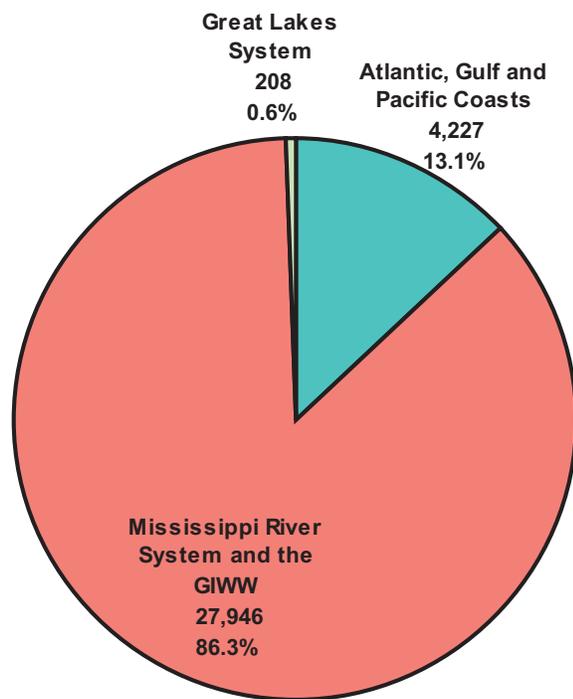
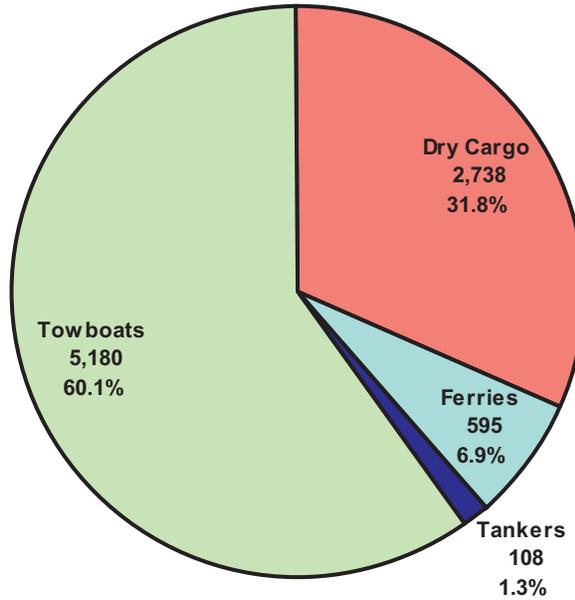


FIGURE 1-2: SUMMARY OF THE UNITED STATES VESSEL INVENTORY BY TYPE OF VESSEL FOR 2002

Self-Propelled Vessels



Non-Self-Propelled Vessels

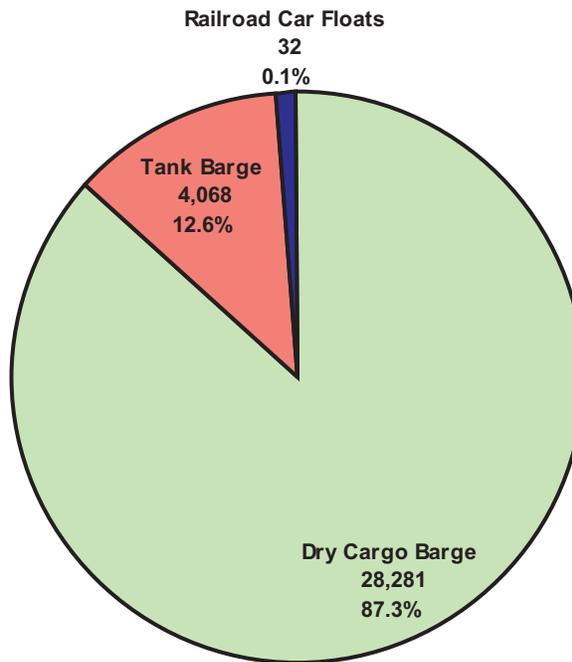


TABLE 2: SUMMARY OF THE UNITED STATES FLAG PASSENGER AND CARGO VESSELS¹
OPERATING OR AVAILABLE FOR OPERATION BY YEAR²

Type of Vessels	1985	1990	1995	2000	2001	2002
Self-Propelled						
Dry Cargo and/or Passenger, Offshore Support						
Number of Vessels	2,236	2,678	2,804	2,780	2,697	2,738
Horsepower	7,191,450	7,630,222	7,363,831	7,833,597	7,566,245	7,929,775
Cargo Capacity (short tons)	6,601,757	7,147,054	6,484,707	6,740,153	6,544,807	6,452,715
Number of Passengers (capacity)	153,347	215,204	275,353	264,635	219,091	230,307
Vehicular Ferries and Railroad Cars						
Number of Vessels	100	135	172	292	579	595
Horsepower	276,582	303,350	369,282	619,130	939,002	948,744
Number of Passengers (capacity)	NA	82,100	100,309	136,774	184,219	188,178
Tankers						
Number of Vessels	232	213	178	135	120	108
Horsepower	3,281,912	2,820,207	2,219,297	1,697,399	1,553,847	1,328,269
Cargo Capacity (short tons)	14,591,672	12,681,957	9,298,692	6,718,366	6,226,082	5,641,097
Towboats						
Number of Vessels	4,954	5,210	5,127	4,995	5,150	5,180
Horsepower	8,030,407	8,709,914	9,107,738	9,347,780	9,694,916	10,088,372
Total Self-Propelled						
Number of Vessels	7,522	8,236	8,281	8,202	8,546	8,621
Horsepower	18,780,351	19,463,693	19,060,148	19,497,906	19,754,010	20,295,160
Cargo Capacity (short tons)	21,193,429	19,829,011	15,783,399	13,458,519	12,770,889	12,093,812
Number of Passengers (capacity)	153,347	297,304	375,662	401,409	403,310	418,485
Non-Self-Propelled						
Barges, Dry Cargo						
Number of Vessels	29,287	27,170	27,342	29,107	28,888	28,281
Cargo Capacity (short tons)	38,633,297	38,189,490	39,971,443	44,814,696	45,281,492	44,688,157
Number of Passengers (capacity)	0	3,149	1,101	268	498	5,144
Barges, Tanker						
Number of Vessels	4,252	4,003	3,985	4,011	4,122	4,068
Cargo Capacity (short tons)	10,842,430	10,757,295	11,169,087	11,678,593	11,957,598	11,925,863
Railroad Car Floats						
Number of Vessels	58	36	33	34	32	32
Cargo Capacity (short tons)	NA	119,235	113,729	88,075	102,136	107,796
Total Non-Self-Propelled						
Number of Vessels	33,597	31,209	31,360	33,152	33,042	32,381
Cargo Capacity (short tons)	49,475,727	49,066,020	51,254,259	56,581,364	57,341,226	56,721
Number of Passengers (capacity)	NA	3,149	1,101	268	498	5,144
Grand Total Self and Non-Self-Propelled						
Number of Vessels	41,119	39,445	39,641	41,354	41,588	41,002
Horsepower	18,780	19,463,693	19,060,148	19,497,906	19,754,010	20,295
Cargo Capacity (short tons)	70,669,156	68,895,031	67,037,658	70,039,883	70,112,115	68,815,628
Number of Passengers (capacity)	153,347	300,453	376,763	401,677	403,808	423,629

1 Exclusive of fishing vessels, dredges, and derricks, etc., used in construction work.

2 Data not available (NA).

FIGURE 2: SUMMARY OF THE UNITED STATES VESSEL INVENTORY BY YEAR

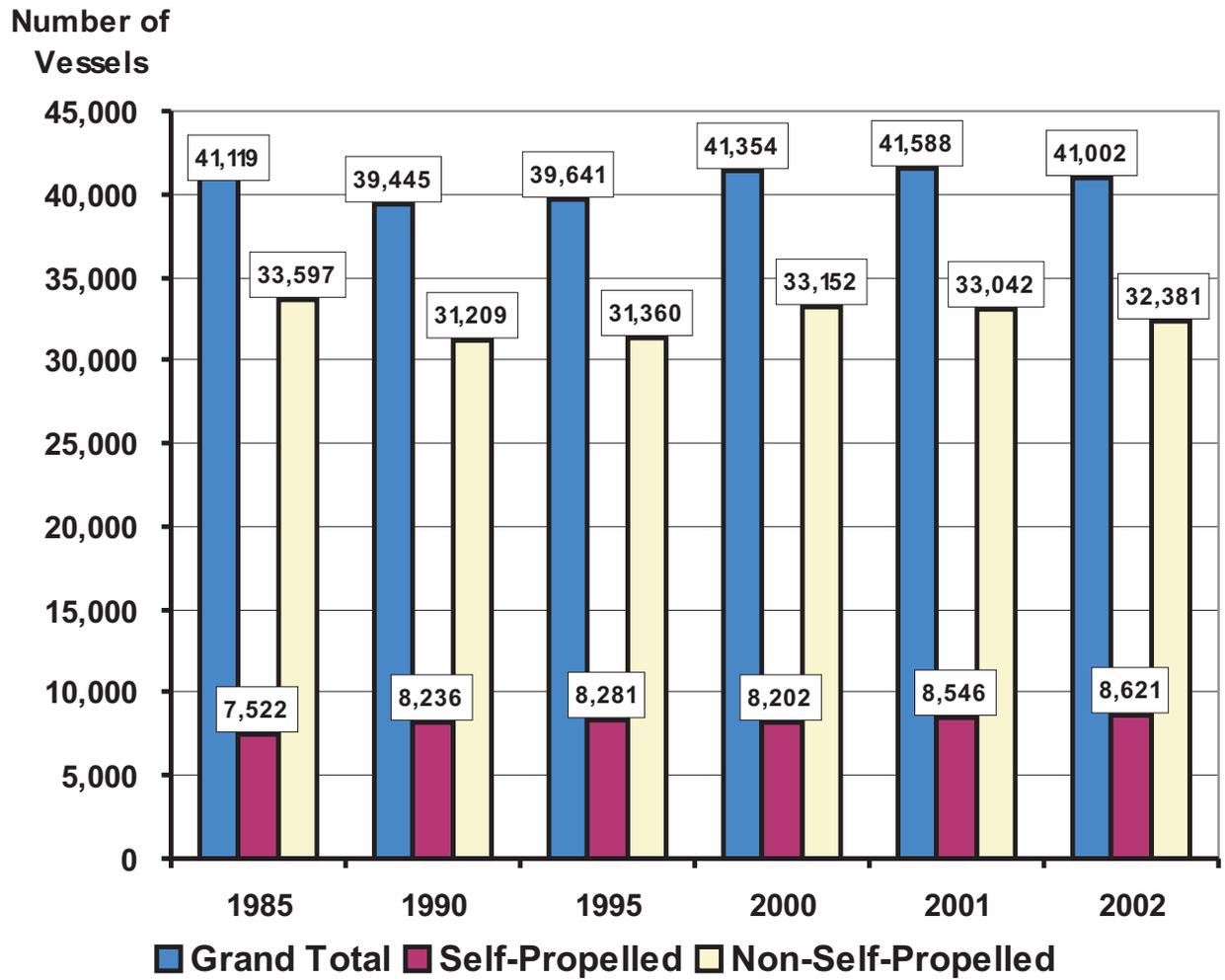


TABLE 3: SUMMARY OF THE UNITED STATES FLEET CONSTRUCTION¹
BY VESSEL TYPE FOR YEARS 1993 - 2002

Vessel Type	Total New Construction									
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Vessels (total)²	705	511	668	1,451	1,713	1,173	1,300	1,034	929	802
Self-Propelled (total)	46	52	71	81	83	124	144	78	92	91
Dry Cargo (total)	9	6	6	4	8	13	3	11	19	15
Dry Bulk	0	0	0	0	0	0	0	0	2	0
Containership	0	0	0	0	0	0	0	0	0	1
General Cargo	5	2	3	2	5	5	1	2	0	0
Specialized	4	4	3	2	3	8	2	9	17	14
Passenger	13	20	18	22	15	20	23	10	5	4
Offshore Support	9	11	11	12	28	47	56	23	30	35
Tanker	0	1	0	1	4	3	2	1	0	3
Towboat	15	14	36	42	28	38	56	30	34	31
Non-Self-Propelled (total)	659	459	597	1,370	1,630	1,049	1,156	956	837	711
Dry Barge (total)	615	405	506	1,235	1,565	977	1,061	884	771	631
Dry Covered	232	218	345	397	1,031	516	678	407	474	279
Dry Open	213	114	100	682	367	375	232	209	174	237
Lash/Seabee	0	0	0	0	0	0	0	0	0	0
Deck	169	67	60	156	166	82	151	266	121	114
Other Dry ³	1	6	1	0	1	4	0	2	2	1
Tank Barge ⁴ (total)	44	54	91	135	65	72	95	72	66	80
Single Hull	NA	2	0	11	1	5	1	0	0	1
Double Hull	NA	37	57	96	59	61	54	48	31	55
Other Tank ⁵	NA	15	34	28	5	6	40	24	35	24

Vessel Type	Total Vessels Rebuilt									
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Vessels (total)²	5	9	7	12	4	15	15	22	30	27
Self-Propelled (total)	4	7	6	6	4	11	9	13	21	17
Dry Cargo (total)	1	0	0	1	0	1	3	3	4	3
Dry Bulk	0	0	0	0	0	0	0	0	0	0
Containership	0	0	0	0	0	0	1	3	3	3
General Cargo	1	0	0	0	0	0	2	0	0	0
Specialized	0	0	0	1	0	1	0	0	1	0
Passenger	0	2	0	0	0	0	0	1	1	0
Offshore Support	0	1	4	3	2	0	0	0	0	0
Tanker	0	0	0	0	0	0	0	0	0	0
Towboat	3	4	2	2	2	10	6	9	16	14
Non-Self-Propelled (total)	1	2	1	6	0	4	6	9	9	10
Dry Barge (total)	1	2	1	5	0	4	6	9	0	4
Dry Covered	0	1	0	1	0	2	1	1	0	0
Dry Open	0	0	0	0	0	0	0	0	0	1
Lash/Seabee	0	0	0	0	0	0	0	0	0	0
Deck	1	1	1	3	0	2	5	8	0	3
Other Dry ³	0	0	0	1	0	0	0	0	0	0
Tank Barge ⁴ (total)	0	0	0	1	0	0	0	0	9	6
Single Hull	NA	0	0	0	0	0	0	0	0	0
Double Hull	NA	0	0	1	0	0	0	0	8	6
Other Tank ⁵	NA	0	0	0	0	0	0	0	1	0

1 The calendar year the vessel was built (new construction) or rebuilt. The rebuilt status is a vessel modification or significant improvement that extends the working life of the vessel, which is determined by the vessel company surveyed.

2 Totals may be greater than sum because of unclassified vessels; includes vessels available for operation.

3 Includes dry cargo barges that may be open or covered, railroad car, pontoon, RO-RO, container, or convertible.

4 Single versus double hull classifications were not reported prior to 1994.

5 Includes tank barges that may be double sided only, double bottom only, or not elsewhere included.

FIGURE 3: SUMMARY OF THE UNITED STATES YEAR OF FLEET CONSTRUCTION BY VESSEL TYPE FOR 1993 - 2002

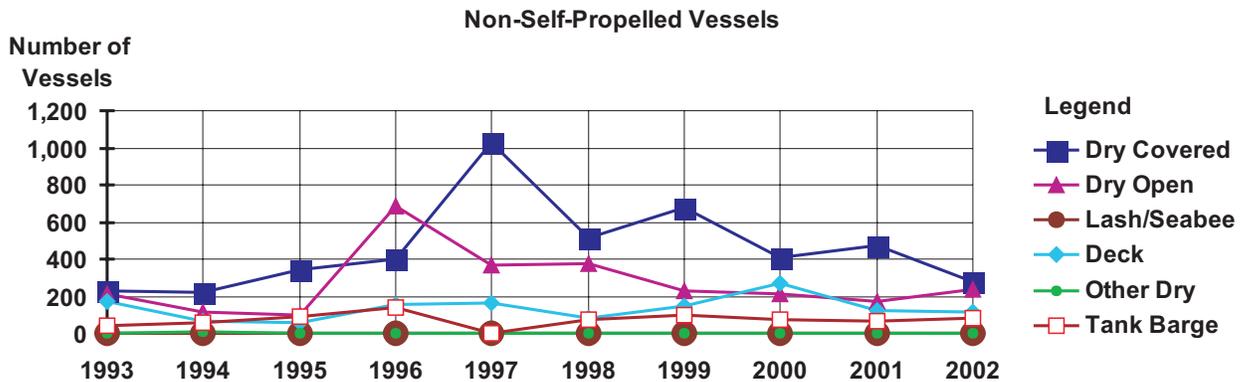
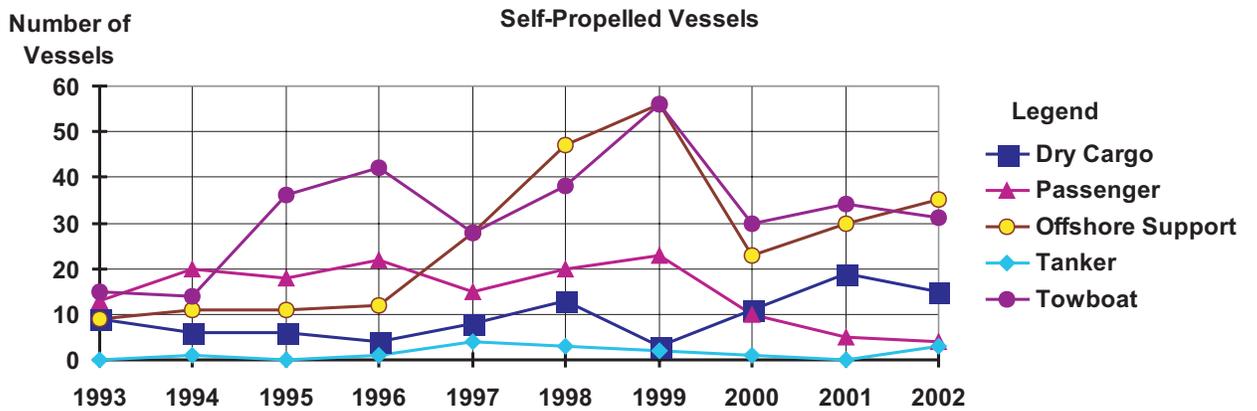
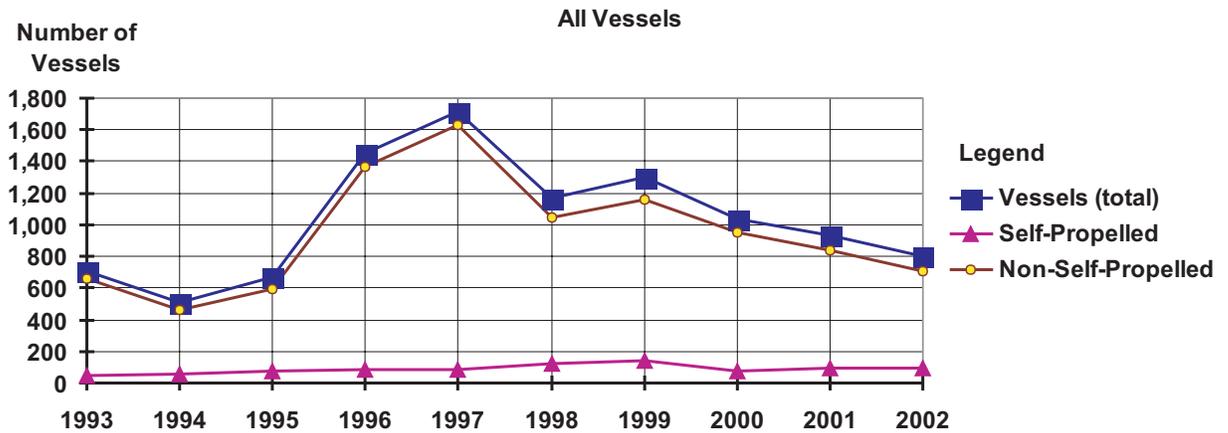


TABLE 4: SUMMARY OF THE UNITED STATES FLAG VESSELS
BY VESSEL TYPE AND AGE FOR 2002¹

Vessel Type	Number	Age ²					
		< = 5	6 - 10	11 - 15	16 - 20	21 - 25	> 25
Vessels (total)	41,002	7,599	4,298	3,170	2,665	10,468	12,603
Self-Propelled (total)	8,621	887	463	499	862	1,923	3,968
Dry Cargo (total)	989	113	86	130	114	175	368
Dry Bulk	71	2	0	1	7	23	38
Containership	73	7	6	16	13	20	11
General Cargo	247	10	18	23	35	58	102
Specialized	598	94	62	90	59	74	217
Passenger	750	70	92	136	117	75	256
Offshore Support	1,591	322	96	89	228	547	305
Tanker	108	13	3	2	22	35	33
Towboat	5,180	369	185	142	381	1,091	3,004
Unknown	3	0	1	0	0	0	2
Non-Self-Propelled (total)	32,381	6,712	3,835	2,671	1,803	8,545	8,635
Dry Barge (total)	28,313	6,117	3,416	2,499	1,669	7,702	6,731
Dry Covered	13,549	3,297	1,657	298	472	5,141	2,662
Dry Open	8,593	1,835	1,396	1,394	855	1,682	1,429
Lash/Seabee	904	0	8	352	7	9	528
Deck	5,139	970	350	447	321	851	2,057
Other Dry ³	128	15	5	8	14	19	55
Tank Barge (total)	4,068	595	419	172	134	843	1,904
Single Hull	610	6	30	11	31	122	410
Double Hull	2,820	458	375	155	77	601	1,154
Other Tank ⁴	638	131	14	6	26	120	340

1 Survey date as of December 31, 2002; includes updates through September 2003.

2 Age (in years) is based upon the year the vessel was built or rebuilt, using calendar year 2002 as the base year.

3 Includes dry cargo barges that may be open or covered, railroad car, pontoon, RO-RO, container, or convertible.

4 Includes tank barges that may be double sided only, double bottom only, or not elsewhere included.

FIGURE 4: SUMMARY OF THE UNITED STATES FLAG VESSELS BY VESSEL TYPE AND AGE FOR 2002

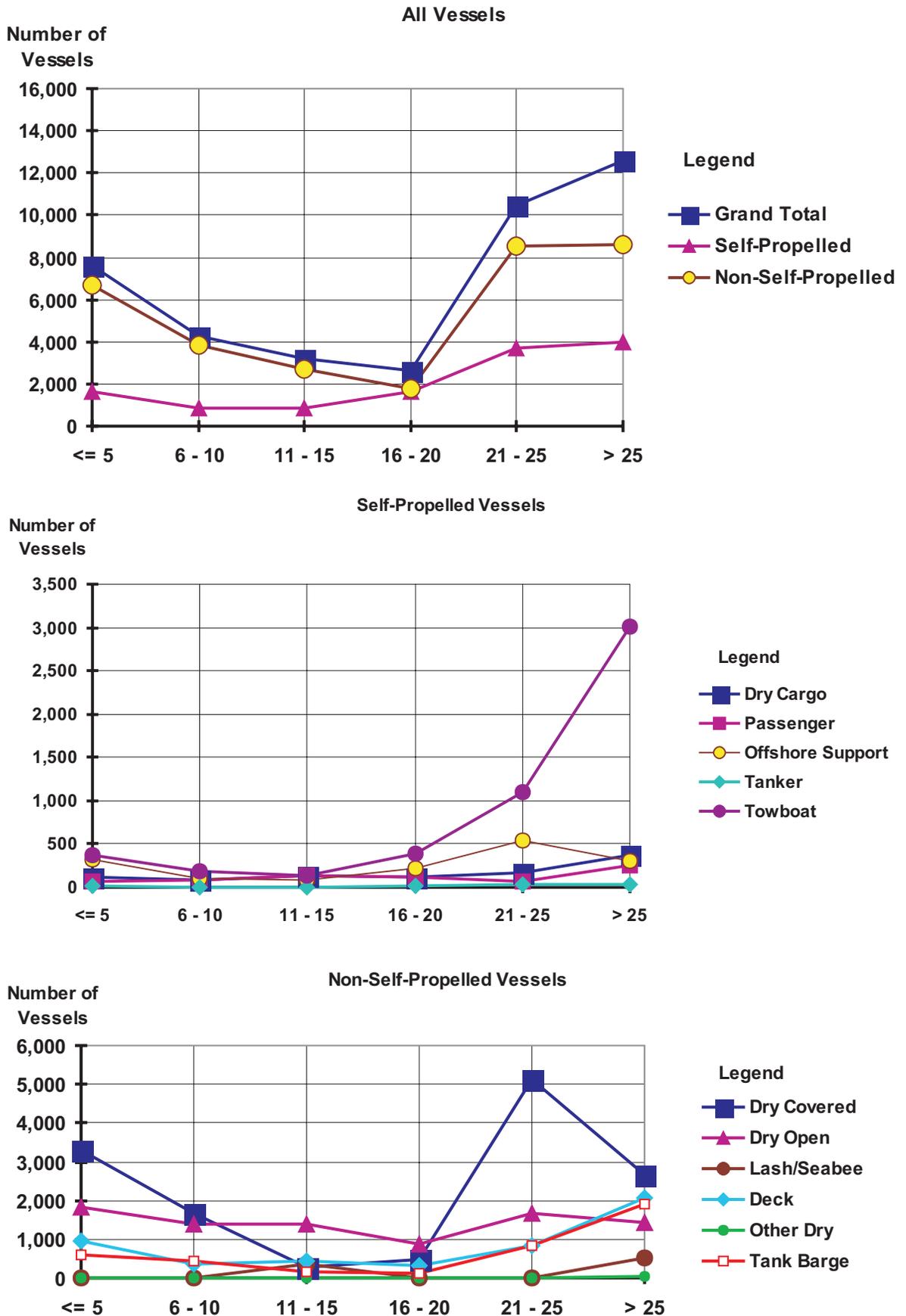


FIGURE 5: SUMMARY OF THE UNITED STATES TOWBOAT FLEET
BY HORSEPOWER FOR 2002

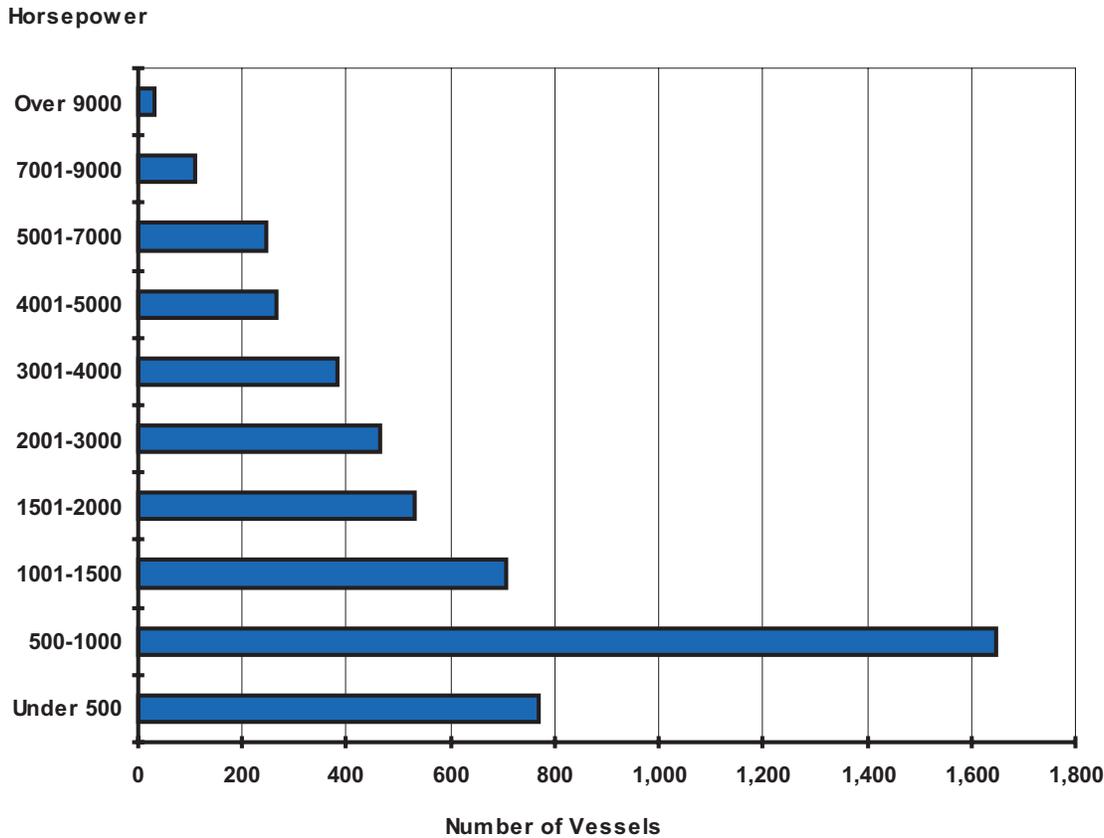


TABLE 5: SUMMARY OF THE UNITED STATES TOWBOAT FLEET
BY HORSEPOWER FOR 2002

Vessel Type/ Horsepower Class	Vessels ²		Horsepower ¹			Average Age ⁴
	Number ²	% Total	Total	% Total	Average ³	
Under 500	768	14.9	247,574	2.5	322	38
500 - 1,000	1,646	31.0	1,287,512	12.8	782	31
1,001 - 1,500	705	13.7	879,747	8.7	1,248	32
1,501 - 2,000	531	10.3	947,094	9.4	1,784	31
2,001 - 3,000	463	9.0	1,198,084	11.9	2,588	30
3,001 - 4,000	383	7.4	1,371,115	13.6	3,580	30
4,001 - 5,000	265	5.1	1,170,594	11.6	4,417	27
5,001 - 7,000	245	4.8	1,465,036	14.5	5,980	23
7,001 - 9,000	108	2.1	855,980	8.5	7,926	23
Over 9,000	33	0.6	365,636	3.6	11,080	17
Total Towboat Fleet	5,180	100.0	10,088,372	100.0	1,959	29

1 Horsepower rating is reported when the vessel was new or when the present engine was installed.

2 Total is greater than sum because of vessels with unknown horsepower.

3 Average is calculated from only those vessels with known horsepower and not the total number of vessels.

4 Age is based upon the year the vessel was built or rebuilt.

FIGURE 6: SUMMARY OF THE UNITED STATES TANK BARGE FLEET BY BARGE TYPE AND SIZE FOR 2002

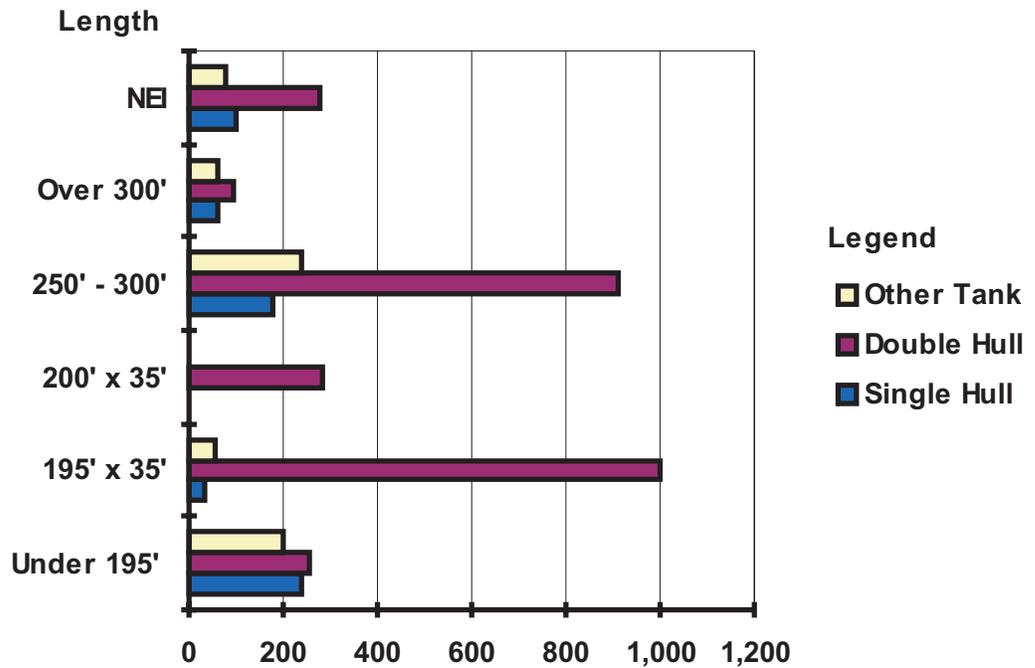


TABLE 6: SUMMARY OF THE UNITED STATES TANK BARGE FLEET BY BARGE TYPE AND SIZE FOR 2002

Barge Size ¹	Total Barges		Cargo Capacity ²			Average Age ³
	Number	% Total	Total	% Total	Average	
Barge Type: Single Hull						
Under 195'	238	390	248,140	11.4	1,043	35
195' x 35'	32	5.2	45,570	2.1	1,424	37
200' x 35'	2	0.3	3,209	0.1	1,605	34
250' - 300'	177	29.0	715,743	32.8	4,044	29
Over 300'	62	10.2	900,128	41.3	14,518	24
NEI	99	16.2	268,535	12.3	2,712	36
Total Single Hull	610	15.0	2,181,325	18.3	3,576	32
Barge Type: Double Hull						
Under 195'	256	9.1	401,353	5.3	1,574	26
195' x 35'	998	35.4	1,481,464	19.6	1,484	24
200' x 35'	286	10.1	465,770	6.2	1,629	15
250' - 300'	909	32.2	3,344,726	44.3	3,680	16
Over 300'	95	3.4	1,226,754	16.3	12,913	14
NEI	276	9.8	627,710	8.3	2,274	26
Total Double Hull	2,820	69.3	7,547,777	63.3	2,677	21
Barge Type: Other Tank⁴						
Under 195'	202	31.7	203,358	9.3	1,012	31
195' x 35'	56	8.8	80,508	3.7	1,438	21
200' x 35'	3	0.5	4,141	0.2	1,380	35
250' - 300'	240	37.6	913,523	41.6	3,855	21
Over 300'	61	9.6	812,651	37.0	13,322	22
NEI	76	11.9	182,580	8.3	2,434	35
Total Other Tank	638	15.7	2,196,761	18.4	3,470	26
Total Tank Barge Fleet	4,068	100.0	11,925,863	100.0	2,936	23

1 Size refers to the overall length and breadth of the vessel in feet rounded to the nearest foot. NEI (not elsewhere included) refers to the barges that do not fall within the dimensions stated.

2 Capacity specifies the full load capacity in short tons (2,000 lb). Average is calculated from only those vessels with known capacity and not the total number of vessels.

3 Age is based upon the year the vessel was built or rebuilt. Average is calculated from only those vessels with a known age and not the total number of vessels.

4 Includes tank barges that are double sided only, double bottom only, or not elsewhere included.

FIGURE 7: SUMMARY OF THE UNITED STATES SHALLOW DRAFT¹ TANK BARGE FLEET
BY BARGE TYPE AND SIZE FOR 2002

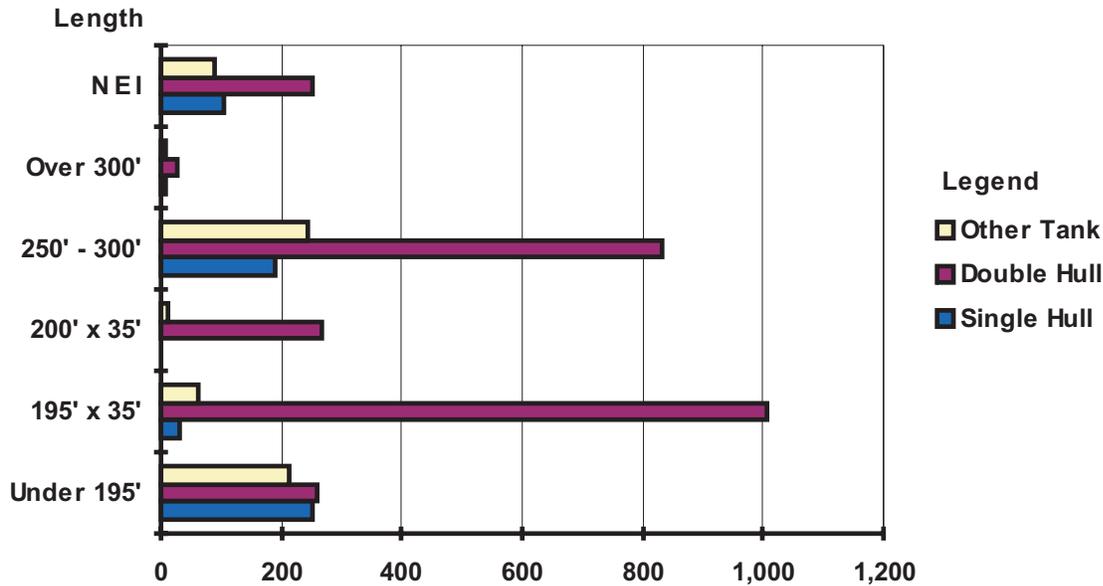


TABLE 7: SUMMARY OF THE UNITED STATES SHALLOW DRAFT¹ TANK BARGE FLEET
BY BARGE TYPE AND SIZE FOR 2002

Barge Size ²	Total Barges		Cargo Capacity ³			Average Age ⁴
	Number	% Total	Total	% Total	Average	
Barge Type: Single Hull						
Under 195'	238	47.5	248,140	24.6	1,043	35
195' x 35'	32	6.4	45,570	4.5	1,424	37
200' x 35'	2	0.4	3,209	0.3	1,605	34
250' - 300'	140	27.9	472,240	46.8	3,373	30
Over 300'	7	1.4	29,888	3.0	4,270	26
NEI	82	16.4	210,490	20.9	2,567	37
Total Single Hull	501	13.2	1,009,537	11.8	2,015	34
Barge Type: Double Hull						
Under 195'	256	9.3	401,353	6.3	1,574	26
195' x 35'	998	36.4	1,481,464	23.3	1,484	24
200' x 35'	286	10.4	465,770	7.3	1,629	15
250' - 300'	895	32.7	3,262,788	51.4	3,646	16
Over 300'	30	1.1	123,041	1.9	4,101	18
NEI	273	10.0	618,717	9.7	2,266	26
Total Double Hull	2,738	72.4	6,353,133	74.2	2,321	21
Barge Type: Other Tank⁵						
Under 195'	201	36.9	200,858	16.8	1,004	31
195' x 35'	56	10.3	80,508	6.7	1,438	21
200' x 35'	3	0.6	4,141	0.3	1,380	35
250' - 300'	217	39.9	768,933	64.3	3,593	20
Over 300'	8	1.5	22,805	1.9	2,851	23
NEI	59	10.8	119,201	10.0	2,055	38
Total Other Tank	544	14.4	1,196,446	14.0	2,220	26
Total Shallow Draft Tank Barge Fleet	3,783	100.0	8,559,116	100.0	2,266	23

1 Based on the loaded draft of the vessel; shallow draft is defined as less than or equal to 14 feet.

2 Size refers to the overall length and breadth of the vessel in feet rounded to the nearest foot. NEI (not elsewhere included) refers to the barges that do not fall within the dimensions stated.

3 Capacity specifies the full load capacity in short tons (2,000 lbs). Average is calculated from only those vessels with known capacity and not the total number of vessels.

4 Age is based upon the year the vessel was built or rebuilt. Average is calculated from only those vessels with a known age and not the total number of vessels.

5 Includes tank barges that are double sided only, double bottom only, or not elsewhere included.

FIGURE 8: SUMMARY OF THE UNITED STATES DEEP DRAFT¹ TANK BARGE FLEET BY BARGE TYPE AND SIZE FOR 2002

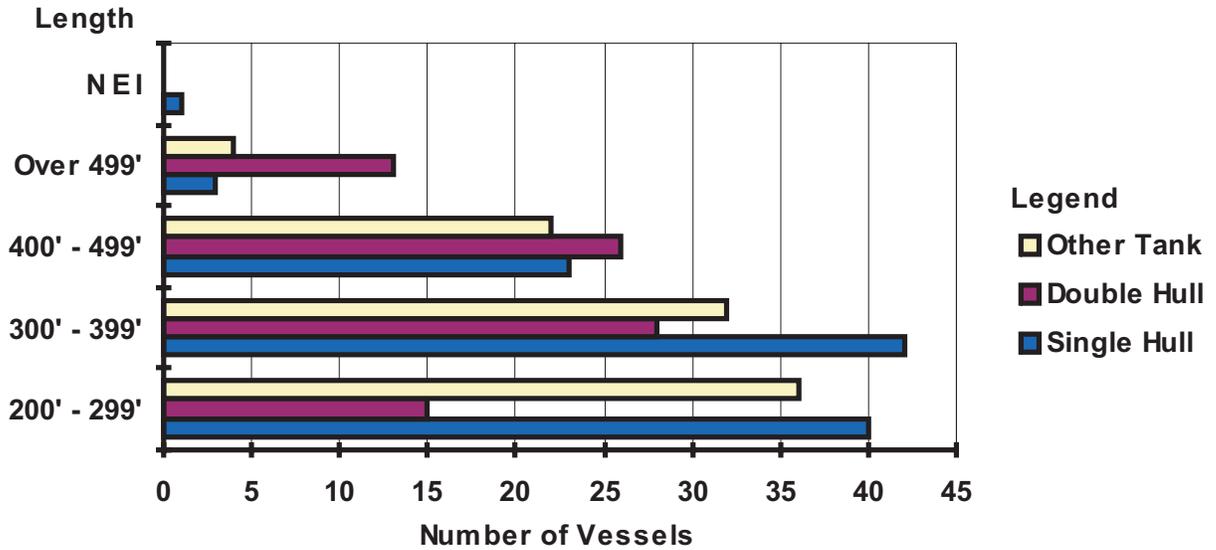


TABLE 8: SUMMARY OF THE UNITED STATES DEEP DRAFT¹ TANK BARGE FLEET BY BARGE TYPE AND SIZE FOR 2002

Barge Size ²	Total Barges		Cargo Capacity ³		Average	Average Age ⁴
	Number	% Total	Total	% Total		
Barge Type: Single Hull						
200' - 299'	40	36.7	194,838	16.6	4,871	29
300' - 399'	42	38.5	418,371	35.7	9,961	27
400' - 499'	23	21.1	480,769	41.0	20,903	22
Over 499'	3	2.8	74,610	6.4	24,870	23
NEI	1	0.9	3,200	0.3	3,200	40
Total Single Hull	109	38.2	1,171,788	34.8	10,750	26
Barge Type: Double Hull						
200' - 299'	15	18.3	78,927	6.6	5,262	28
300' - 399'	28	34.1	280,152	23.5	10,005	14
400' - 499'	26	31.7	435,491	36.5	16,750	11
Over 499'	13	15.9	400,074	33.5	30,775	7
Total Double Hull	82	28.8	1,194,644	35.5	14,569	15
Barge Type: Other Tank⁵						
Under 300'	36	38.3	165,804	16.6	4,606	28
300' - 399'	32	34.0	339,139	33.9	10,598	27
400' - 499'	22	23.4	357,276	35.7	16,240	17
Over 499'	4	4.3	138,096	13.8	34,524	26
Total Other Tank	94	33.0	1,000,315	29.7	10,642	25
Total Deep Draft Tank Barge Fleet						
	285	100.0	3,366,747	100.0	11,813	23

1 Based on the loaded draft of the vessel; deep draft is defined as greater than 14 feet.

2 Size refers to the overall length and breadth of the vessel in feet rounded to the nearest foot. NEI (not elsewhere included) refers to the barges that do not fall within the dimensions stated.

3 Capacity specifies the full load capacity in short tons (2,000 lbs). Average is calculated from only those vessels with known capacity and not the total number of vessels.

4 Age is based upon the year the vessel was built or rebuilt. Average is calculated from only those vessels with a known age and not the total number of vessels.

5 Includes tank barges that are double sided only, double bottom only, or not elsewhere included.

TABLE 9: SUMMARY OF THE UNITED STATES DRY CARGO BARGE FLEET
BY BARGE TYPE AND SIZE FOR 2002

Standard Barge Size ¹	Total Barges		Cargo Capacity ²			Average Age ³
	Number	% Total	Total	% Total	Average	
Barge Type: Dry Covered						
Under 175'	60	0.4	33,160	0.1	553	32
175' x 26'	2	0.0	1,795	0.0	898	52
195' x 26'	3	0.0	3,870	0.0	1,290	37
195' x 35'	5,434	40.1	8,516,182	35.8	1,568	21
200' x 35'	7,673	56.6	13,279,917	55.9	1,733	14
Over 200'	313	2.3	1,839,558	7.7	5,896	19
NEI	64	0.5	98,781	0.4	1,543	14
Total Dry Covered	13,549	47.9	23,773,263	53.1	1,756	17
Barge Type: Dry Open						
Under 175'	669	7.8	693,630	5.2	1,041	35
175' x 26'	647	7.5	614,033	4.6	949	22
195' x 26'	418	4.9	461,224	3.5	1,103	20
195' x 35'	4,206	48.9	6,547,127	49.4	1,557	15
200' x 35'	2,405	28.0	4,184,999	31.6	1,751	10
Over 200'	185	2.2	642,359	4.8	3,491	22
NEI	63	0.7	113,999	0.9	1,810	30
Total Dry Open	8,593	30.4	13,257,371	29.6	1,546	16
Barge Type: Deck						
Under 100'	309	6.0	72,319	1.1	241	37
100' - 110'	649	12.6	312,639	4.6	488	34
111' - 120'	764	14.9	395,753	5.8	522	21
121' - 140'	672	13.1	547,131	8.0	815	31
141' - 160'	311	6.1	337,972	4.9	1,097	29
161' - 180'	253	4.9	403,379	5.9	1,607	30
181' - 200'	1,759	34.2	2,838,388	41.4	1,616	14
201' - 220'	51	1.0	123,846	1.8	2,428	28
221' - 240'	84	1.6	278,508	4.1	3,316	29
241' - 260'	125	2.4	512,660	7.5	4,134	22
Over 260'	154	3.0	1,029,111	15.0	6,683	25
NEI	8	0.2	5,779	0.1	1,156	39
Total Deck	5,139	18.2	6,857,485	15.3	1,344	24
Barge Type: Lash / Seabee						
Lash 62' x 31'	898	99.3	363,647	95.4	405	22
Seabee 97' x 35'	4	0.4	15,380	4.0	3,845	29
NEI	2	0.2	2,000	0.5	1,000	42
Total Lash Seabee	904	3.2	381,027	0.9	421	22
Barge Type: Other Dry⁴						
Under 175'	39	30.5	21,377	4.1	611	35
175' x 26'	0	0.0	0	0.0	0	0
195' x 26'	0	0.0	0	0.0	0	0
195' x 35'	0	0.0	0	0.0	0	0
200' x 35'	0	0.0	0	0.0	0	0
Over 200'	77	60.2	482,289	91.5	6,346	24
NEI	12	9.4	23,691	4.5	2,369	23
Total Other Dry	128	0.5	527,357	1.2	4,358	27
Total Dry Cargo	28,313	100.0	44,796,503	100.0	1,586	18

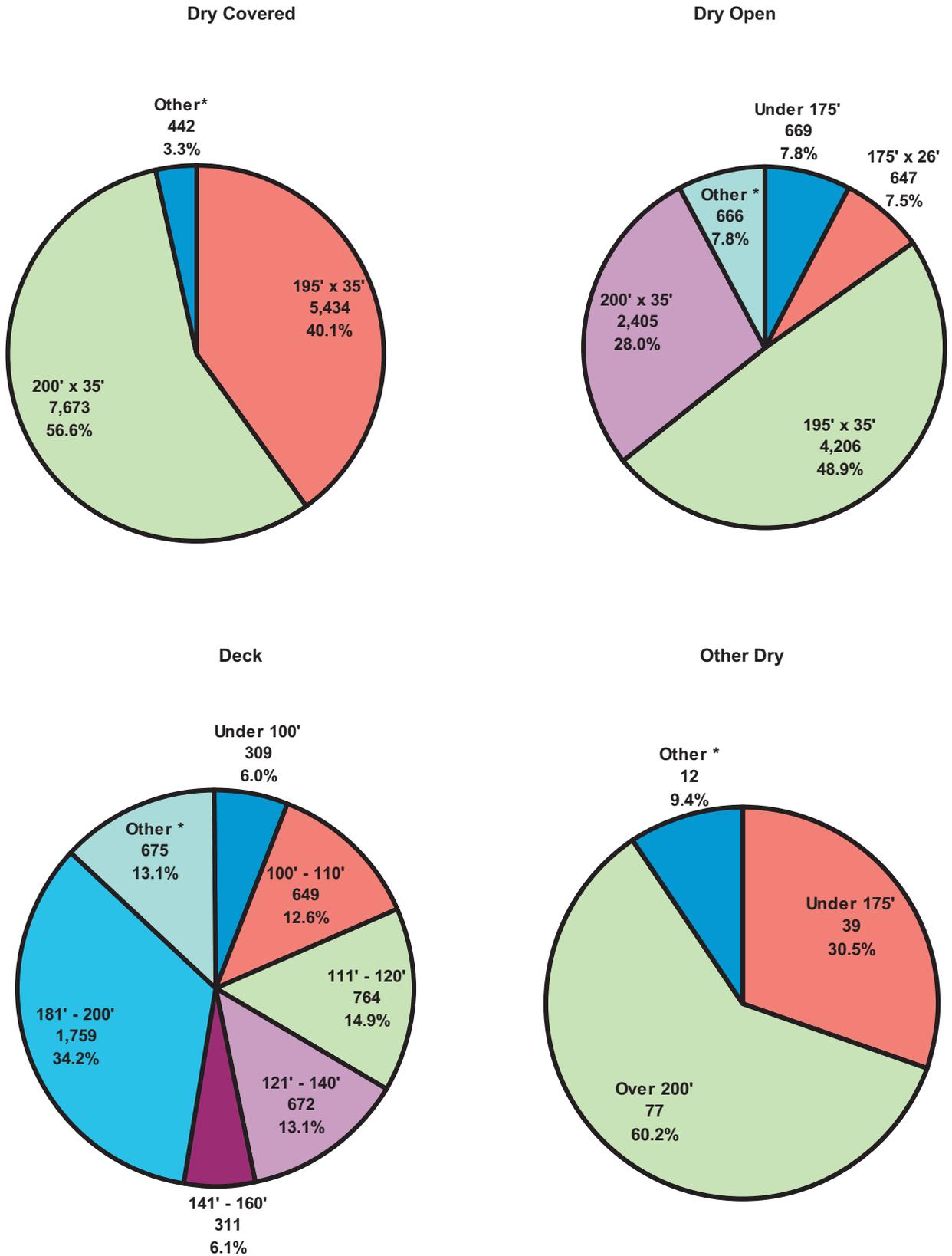
1 Size refers to the overall length and breadth of the vessel in feet rounded to the nearest foot. NEI (not elsewhere included) refers to the barges that do not fall within the dimensions stated.

2 Capacity specifies the full load capacity in short tons (2,000 lbs). Average is calculated from only those vessels with known capacity and not the total number of vessels.

3 Age is based upon the year the vessel was built or rebuilt. Average is calculated from only those vessels with a known age and not the total number of vessels.

4 Includes dry cargo barges that may be open or covered, railroad car, pontoon, RO-RO, container, or convertible.

FIGURE 9: SUMMARY OF THE UNITED STATES DRY CARGO BARGE FLEET BY BARGE TYPE AND SIZE FOR 2002



* Other size category represents the combined number of vessels for size groups with less than 5.5% of the total for the barge type.

TABLE 10: SUMMARY OF THE UNITED STATES SHALLOW DRAFT¹ DRY CARGO BARGE FLEET
BY BARGE TYPE AND SIZE FOR 2002

Barge Size ²	Total Barges		Cargo Capacity ³			Average Age ⁴
	Number	% Total	Total	% Total	Average	
Barge Type: Dry Covered						
Under 175'	60	0.4	33,160	0.1	553	32
175' x 26'	2	0.0	1,795	0.0	898	52
195' x 26'	3	0.0	3,870	0.0	1,290	37
195' x 35'	5,434	40.4	8,516,182	37.9	1,568	21
200' x 35'	7,662	57.0	13,277,617	59.0	1,733	14
Over 200'	220	1.6	558,164	2.5	2,537	16
NEI	64	0.5	98,781	0.4	1,543	14
Total Dry Covered	13,445	48.1	22,489,569	53.5	1,673	17
Barge Type: Dry Open						
Under 175'	639	7.5	624,141	4.8	981	35
175' x 26'	647	7.6	614,033	4.7	949	22
195' x 26'	418	4.9	461,224	3.6	1,103	20
195' x 35'	4,206	49.4	6,547,127	50.6	1,557	15
200' x 35'	2,405	28.2	4,184,999	32.3	1,751	10
Over 200'	150	1.8	410,762	3.2	2,757	22
NEI	57	0.7	99,717	0.8	1,749	29
Total Dry Open	8,522	30.5	12,942,003	30.8	1,522	16
Barge Type: Deck						
Under 100'	306	6.1	72,261	1.2	243	37
100' - 110'	649	12.9	312,639	5.2	488	34
111' - 120'	764	15.2	395,753	6.6	522	21
121' - 140'	671	13.4	544,131	9.1	812	31
141' - 160'	310	6.2	336,872	5.6	1,097	30
161' - 180'	247	4.9	390,362	6.5	1,593	30
181' - 200'	1,758	35.1	2,835,952	47.4	1,616	14
201' - 220'	49	1.0	118,366	2.0	2,416	27
221' - 240'	70	1.4	211,609	3.5	3,023	31
241' - 260'	97	1.9	383,214	6.4	3,992	24
Over 260'	87	1.7	375,434	6.3	4,315	28
NEI	7	0.1	5,775	0.1	1,444	31
Total Deck	5,015	17.9	5,982,368	14.2	1,202	24
Barge Type: Lash / Seabee						
Lash 62' x 31'	898	99.3	363,647	95.4	405	22
Seabee 98' x 35'	4	0.4	15,380	4.0	3,845	29
NEI	2	0.2	2,000	0.5	1,000	42
Total Lash Seabee	904	3.2	381,027	0.9	421	22
Barge Type: Other Dry⁵						
Under 175'	36	41.4	21,377	9.3	611	36
175' x 26'	0	0.0	0	0.0	0	0
195' x 26'	0	0.0	0	0.0	0	0
195' x 35'	0	0.0	0	0.0	0	0
200' x 35'	0	0.0	0	0.0	0	0
Over 200'	41	47.1	188,345	82.3	4,594	28
NEI	10	11.5	19,050	8.3	2,117	23
Total Other Dry	87	0.3	228,772	0.5	2,691	30
Total Dry Cargo	27,973	100.0	42,023,739	100.0	1,505	18

1 Based on the loaded draft of the vessel; shallow draft is defined as less than or equal to 14 feet.

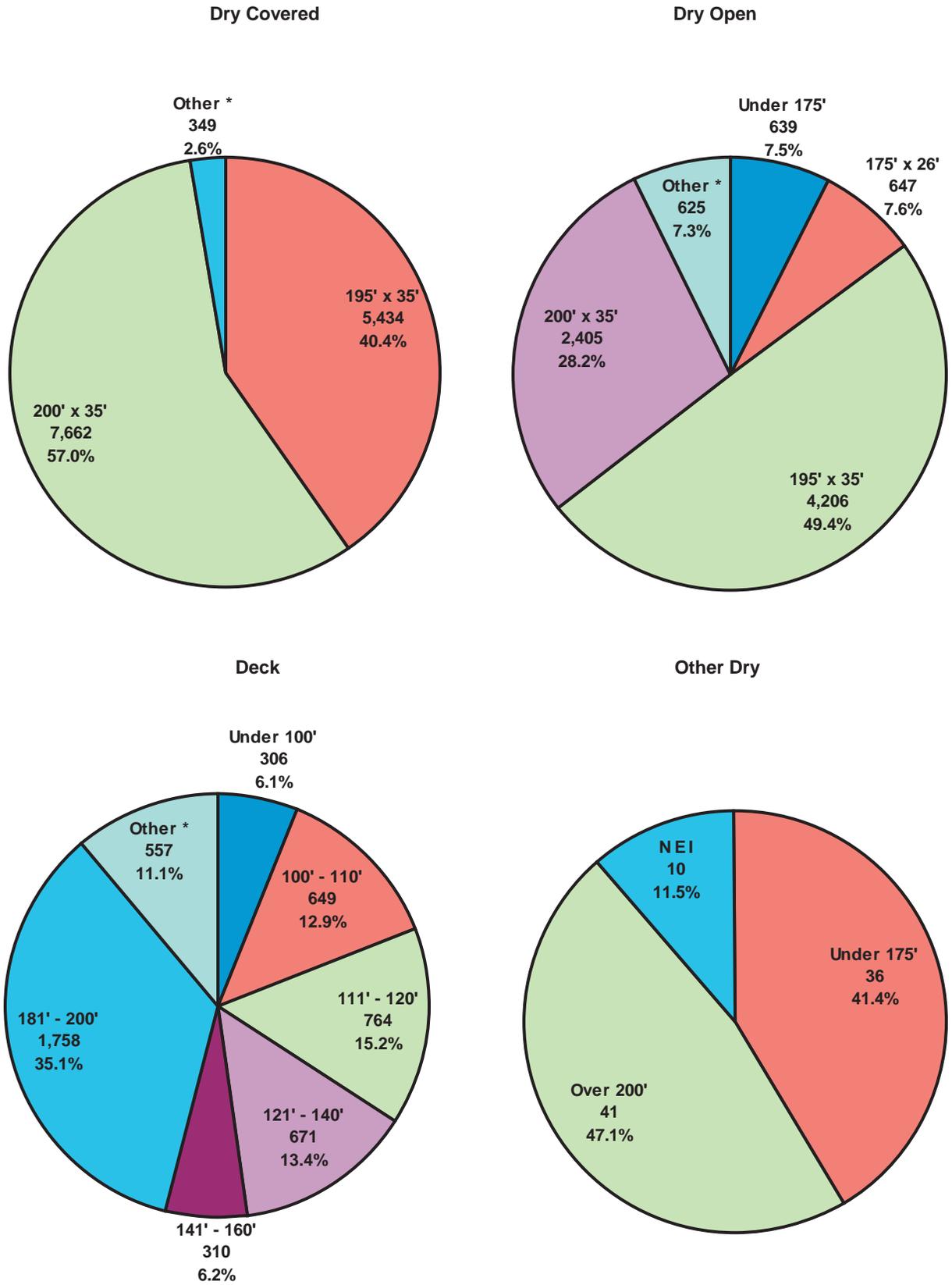
2 Size refers to the overall length and breadth of the vessel in feet rounded to the nearest foot. NEI (not elsewhere included) refers to the barges that do not fall within the dimensions stated.

3 Capacity specifies the full load capacity in short tons (2,000 lbs). Average is calculated from only those vessels with known capacity and not the total number of vessels.

4 Age is based upon the year the vessel was built or rebuilt. Average is calculated from only those vessels with a known age and not the total number of vessels.

5 Includes dry cargo barges that may be open or covered, railroad car, pontoon, RO-RO, container, or convertible.

FIGURE 10: SUMMARY OF THE UNITED STATES SHALLOW DRAFT¹ DRY CARGO BARGE FLEET BY BARGE TYPE AND SIZE FOR 2002



* Other size category represents the combined number of vessels for size groups with less than 5.5% of the total for the barge type.

TABLE 11: SUMMARY OF THE UNITED STATES DEEP DRAFT¹ DRY CARGO BARGE FLEET
BY BARGE TYPE AND SIZE FOR 2002

Barge Size ²	Total Barges		Cargo Capacity ³			Average Age ⁴
	Number	% Total	Total	% Total	Average	
Barge Type: Dry Covered						
Under 200'	0	0.0	0	0.0	0	0
200' - 299'	31	33.0	133,058	10.4	4,435	25
300' - 399'	22	23.4	212,480	16.6	9,658	23
400' - 499'	26	27.7	459,257	35.8	17,664	27
Over 499'	15	16.0	478,899	37.3	31,927	20
Total Dry Covered	94	29.3	1,283,694	46.5	13,803	24
Barge Type: Dry Open						
Under 200'	33	46.5	74,771	23.7	2,266	49
200' - 299'	28	39.4	143,797	45.6	5,136	26
300' - 399'	9	12.7	73,800	23.4	8,200	20
Over 399'	1	1.4	23,000	7.3	23,000	32
Total Dry Open	71	22.1	315,368	11.4	4,442	36
Barge Type: Deck						
Under 200'	10	8.3	19,557	2.3	1,956	30
200' - 299'	62	51.7	315,506	36.3	5,089	18
300' - 399'	28	23.3	255,217	29.4	9,115	22
Over 399'	20	16.7	278,779	32.1	13,939	27
NEI	0	0.0	0	0.0	0	0
Total Deck	120	37.4	869,059	31.5	7,242	21
Barge Type: Other Dry⁵						
200' - 299'	6	16.7	27,979	9.5	5,596	22
300' - 399'	15	41.7	102,231	34.8	6,815	16
400' - 499'	12	33.3	126,234	42.9	10,520	20
Over 499'	3	8.3	37,500	12.8	12,500	28
Total Other Dry	36	11.2	293,944	10.6	8,398	19
Total Dry Cargo	321	100.0	2,762,065	100.0	8,659	25

1 Based on the loaded draft of the vessel; deep draft is defined as greater than 14 feet.

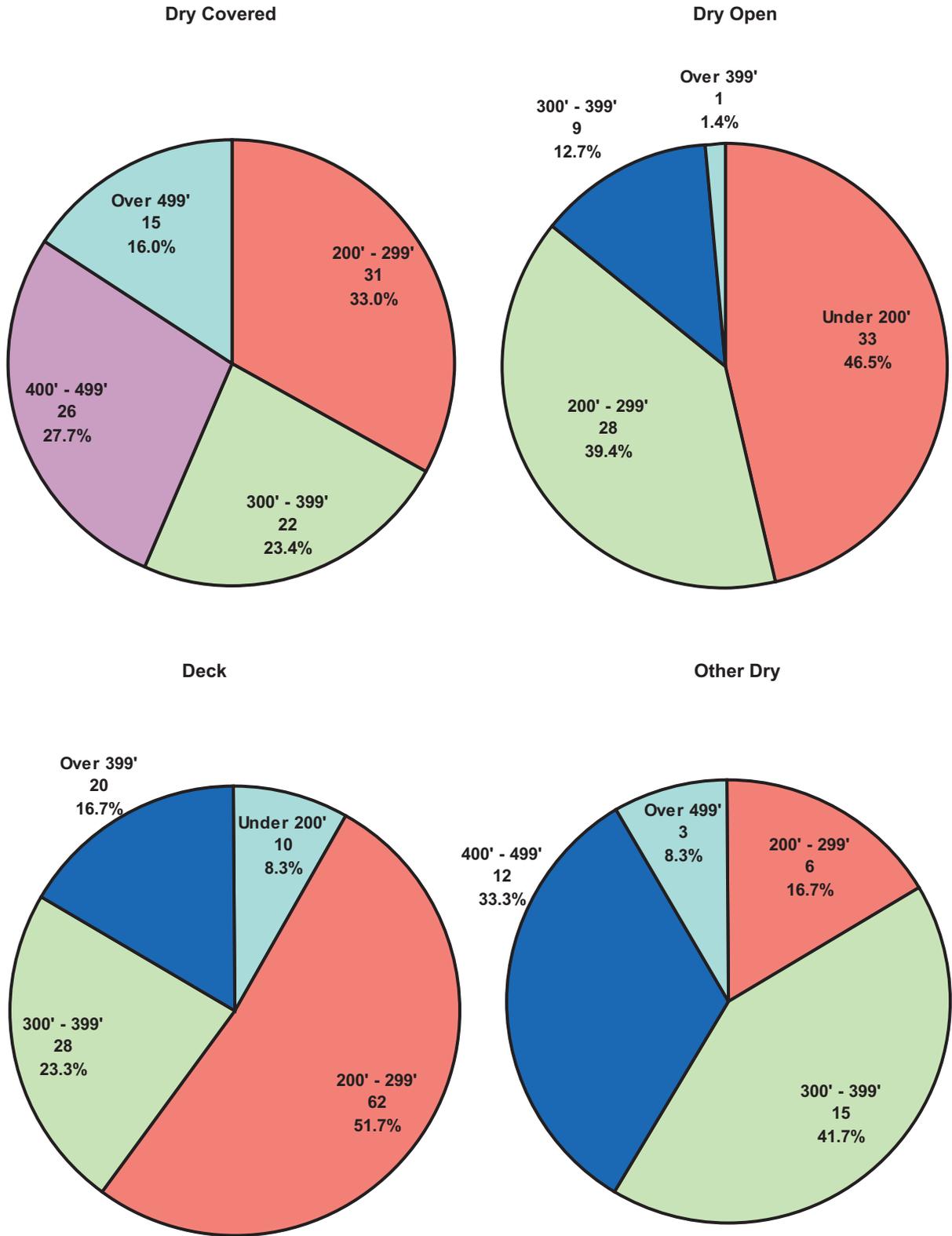
2 Size refers to the overall length and breadth of the vessel in feet rounded to the nearest foot. NEI (not elsewhere included) refers to the barges that do not fall within the dimensions stated.

3 Capacity specifies the full load capacity in short tons (2,000 lbs). Average is calculated from only those vessels with known capacity and not the total number of vessels.

4 Age is based upon the year the vessel was built or rebuilt. Average is calculated from only those vessels with a known age and not the total number of vessels.

5 Includes dry cargo barges that may be open or covered, railroad car, pontoon, RO-RO, container, or convertible.

FIGURE 11: SUMMARY OF THE UNITED STATES DEEP DRAFT¹ DRY CARGO BARGE FLEET BY BARGE TYPE AND SIZE FOR 2002



* Other size category represents the combined number of vessels for size groups with less than 5.5% of the total for the barge type.

FIGURE 12: SUMMARY OF THE UNITED STATES SHALLOW AND DEEP DRAFT¹ VESSELS
BY VESSEL TYPE FOR 2002

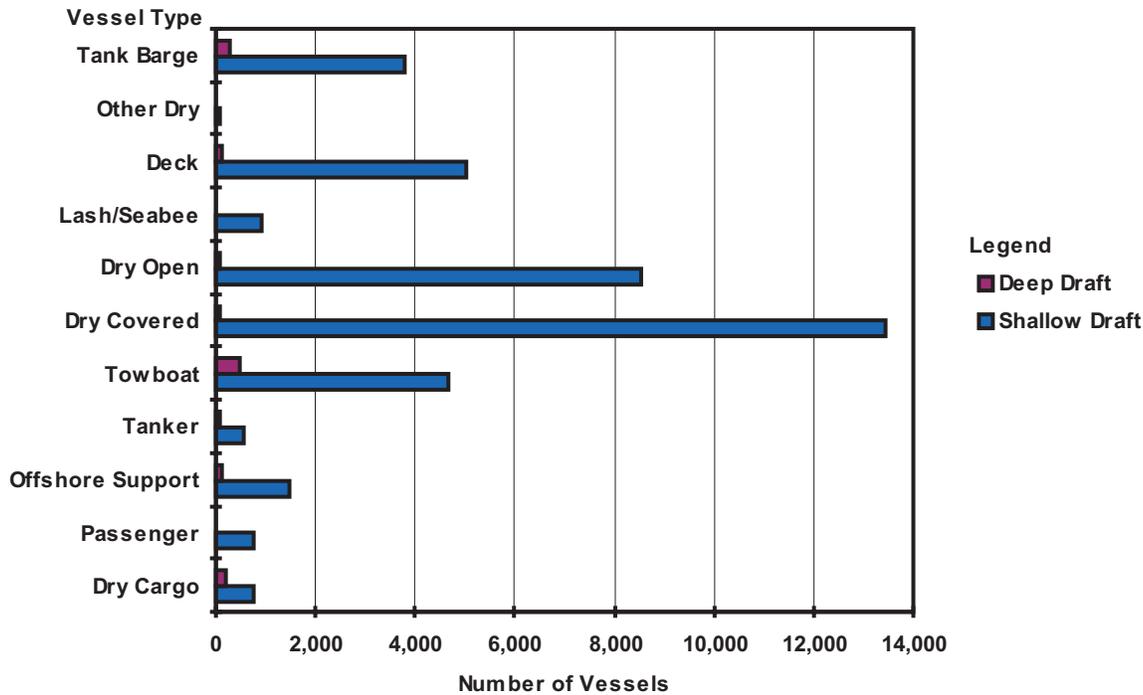


TABLE 12: SUMMARY OF THE UNITED STATES SHALLOW AND DEEP DRAFT VESSELS
BY VESSEL TYPE FOR 2002

Vessel Type	Shallow Draft Vessels				Deep Draft Vessels			
	Number	% Total of Type	Average Draft	Average Age	Number	% Total of Type	Average Draft	Average Age
Vessels (total)²	39,433	96.3	9	20	1,502	3.7	21	20
Self-Propelled (total)	7,675	89.6	8	27	895	10.4	22	21
Dry Cargo (total)	755	78.7	7	25	204	21.3	31	24
Dry Bulk	6	8.5	11	37	65	91.5	30	28
Containership	0	-	-	-	73	100.0	38	19
General Cargo	212	85.8	8	30	35	14.2	31	21
Specialized	537	94.5	6	22	31	5.5	18	27
Passenger	741	99.3	5	23	5	0.7	19	20
Offshore Support	1,470	92.7	8	19	116	7.3	17	7
Tanker	25	23.1	9	42	83	76.9	41	21
Towboat	4,684	90.6	8	30	487	9.4	17	22
Non-Self-Propelled (total)	31,756	98.1	9	19	606	1.9	20	20
Dry Barge (total)	27,973	98.9	9	18	321	1.1	18	18
Dry Covered	13,445	99.3	10	17	94	0.7	22	11
Dry Open	8,522	99.2	9	16	71	0.8	17	34
Lash / Seabee	904	100.0	9	22	0	-	-	-
Deck	5,015	97.7	8	23	120	2.3	16	21
Other Dry ³	87	70.7	9	27	36	29.3	16	19
Tank Barge (total)	3,783	93.0	9	23	285	7.0	22	23
Single Hull	501	82.1	9	34	10	17.9	21	26
Double Hull	2,738	97.1	10	21	82	2.9	24	16
Other Tank ⁴	544	85.3	9	26	94	14.7	22	25

1 Based on the loaded draft of the vessel; shallow draft is defined as less than or equal to 14 feet and deep draft is greater than 14 feet.

2 Total is greater than the sum because of unclassified vessels and vessels with unknown draft; includes vessels available for operation.

3 Includes dry cargo barges that may be open or covered, railroad car, pontoon, RO-RO, container, or convertible.

4 Includes tank barges that may be double sided only, double bottom only, or not elsewhere included.

FIGURE 13: SUMMARY OF THE UNITED STATES FLAG VESSELS AVAILABLE VERSUS OPERATING BY VESSEL TYPE FOR 2002

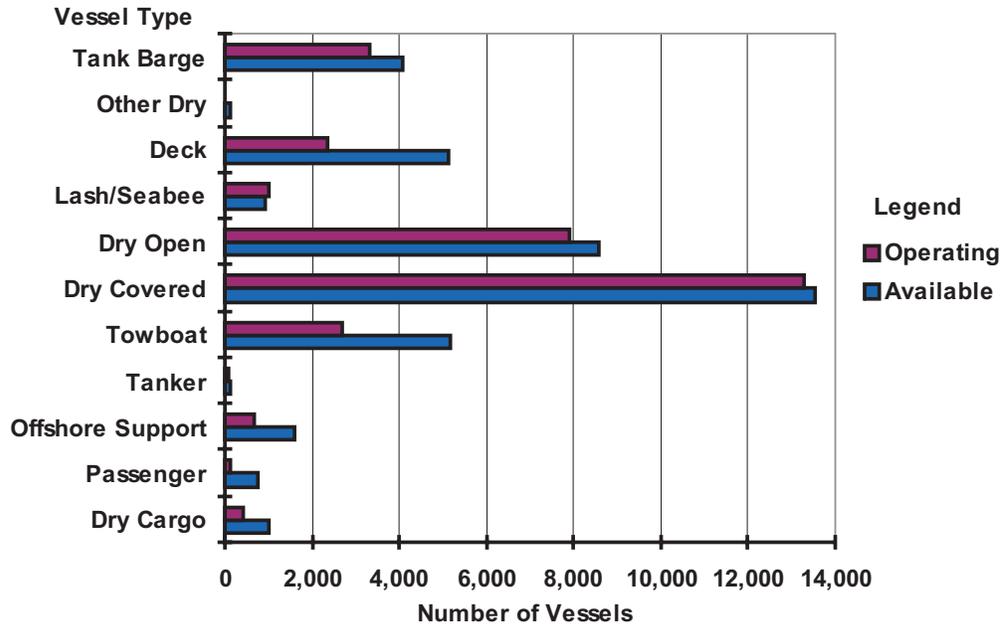


TABLE 13: SUMMARY OF THE UNITED STATES FLAG VESSELS: AVAILABLE VERSUS OPERATING¹ BY VESSEL TYPE FOR 2002

Vessel Type	Vessels Available (WTLUS)	Vessels Operating (VOR)	% Operating	Total Operating Vessel Companies ²
Vessels (total)	41,002	31,938	77.9	877
Self-Propelled Total³	8,621	3,977	46.1	734
Dry Cargo (total)	989	435	44.0	128
Dry Bulk	71	52	73.2	15
Containership	73	34	46.6	3
General Cargo	247	95	38.5	46
Specialised	598	254	42.5	77
Passenger	750	108	14.4	41
Offshore Support	1,591	656	41.2	116
Tanker	108	97	89.8	39
Towboat	5,180	2,681	51.8	612
Non-Self-Propelled (total)	32,381	27,961	86.4	420
Dry Barge (total)	28,313	24,626	87.0	293
Dry Covered	13,549	13,295	98.1	180
Dry Open	8,593	7,895	91.9	138
Lash / Seabee	904	1,027	113.6	9
Deck	5,139	2,359	45.9	200
Other Dry ⁴	128	50	39.1	24
Tank Barge (total)	4,068	3,335	82.0	188
Single Hull	610	387	63.4	91
Double Hull	2,820	2,474	87.7	128
Other Tank ⁵	638	474	74.3	109

1 Vessels which are available for operation and reported on the Waterborne Transportation Lines (WTLUS) Annual Questionnaire versus those that were actually operating and reported on the Vessel Operation Reports (VORs).
 2 Vessel Companies may operate more than one type of vessel during the year.
 3 Total is greater than the sum because of unclassified vessels; includes vessels available for operation.
 4 Includes dry cargo barges that may be open or covered, railroad car, pontoon, RO-RO, container, or convertible.
 5 Includes tank barges that may be double sided only, double bottom only, or not elsewhere included.

FIGURE 14: SUMMARY OF THE UNITED STATES FERRY FLEET 2002
BY STATE

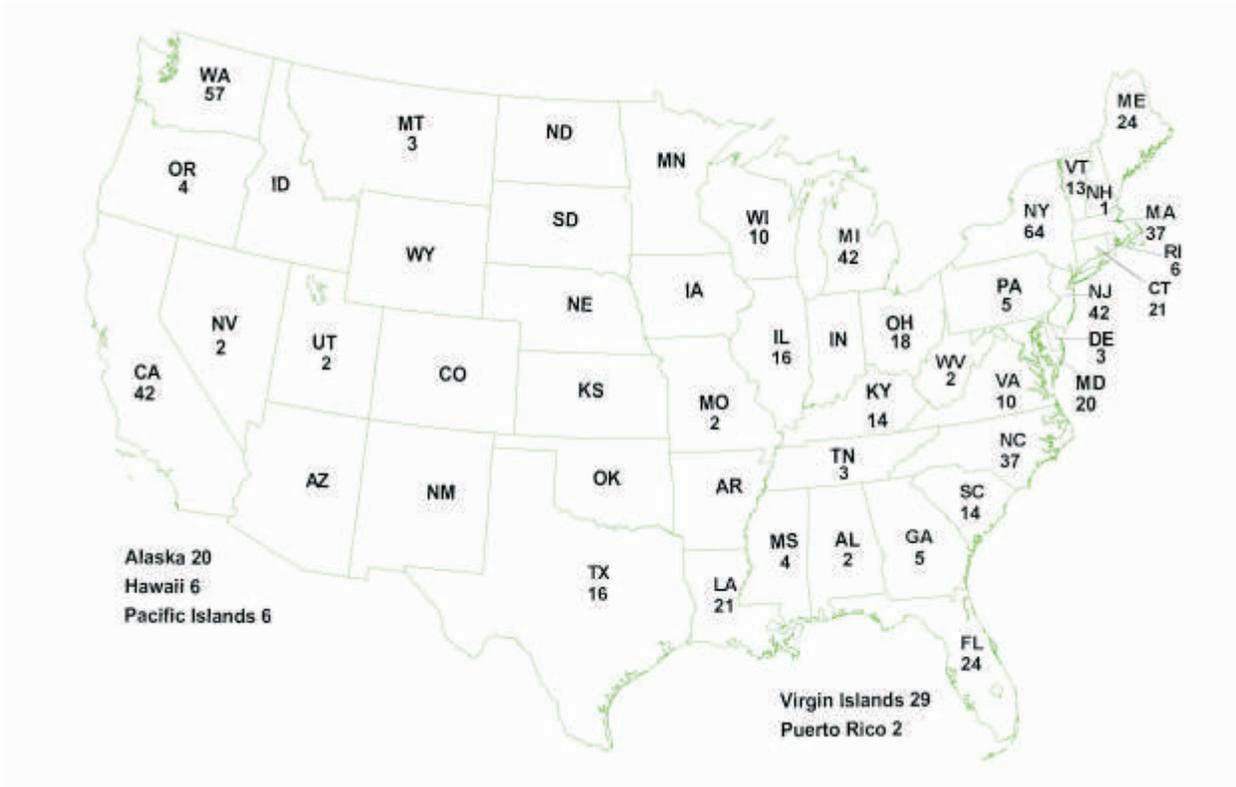


TABLE 14: SUMMARY OF THE UNITED STATES FERRY FLEET
BY PASSENGER FOR 2002¹

Ferry Passenger Capacity	Ferry Number	Vessels % Total	Total	Horsepower ² % Total	Average ³ Age ⁵
0 - 50	125	19.3	34,104	3.3	26
51 - 100	176	27.1	206,283	20.0	20
101 - 200	101	15.6	238,273	23.1	20
201 - 350	56	8.6	127,687	12.4	14
351 - 500	58	8.9	198,766	19.3	24
501 - 1,000	70	10.8	45,264	4.4	26
Over 1,000	28	4.3	171,050	16.6	23
Unknown	35	5.4	8,646	0.8	25
Total Ferry Fleet⁶	649	100.0	1,030,073	100.0	22

1 Survey date as of December 31, 2002; includes updates through September 2003.

2 Horsepower rating is reported when the vessel was new or when the present engine was installed.

3 Average is calculated from only those vessels with a known age and not the total number of vessels.

4 Average is calculated from only those vessels with known horsepower and not the total number of vessels.

5 Age is based upon the year vessel was built or rebuilt.

6 Based on responses to WCSC's annual survey plus a special meeting based on the National Ferry Study conducted by the U.S. Department of Transportation in CY 2000.

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(09/30/2003)

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