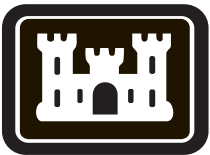

WATERBORNE TRANSPORTATION LINES OF THE UNITED STATES

Calendar Year 2003

Volume 1 –
National Summaries



Compiled under the supervision of
the Institute for Water Resources
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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 2003 including updates through 01 August 2004 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 3,137 TOperators listed in the WTLUS publication for calendar year 2003.

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

Type: 6 Other

Characteristics:

01	Undefined
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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, 2003 BY REGION

Type of Vessels	Total 2003	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	2,765	1,469	1,134	162
Horsepower	8,099,353	5,922,616	1,681,571	495,166
Cargo Capacity (short tons)	6,570,281	4,443,547	225,159	1,901,575
Number of Passengers (capacity)	232,866	137,807	72,373	22,686
Vehicular Ferries and Railroad Cars				
Number of Vessels	607	469	73	65
Horsepower	1,051,338	927,259	41,309	82,770
Number of Passengers (capacity)	189,442	164,029	12,471	12,942
Tankers				
Number of Vessels	104	97	3	4
Horsepower	1,259,159	1,246,209	4,150	8,800
Cargo Capacity (short tons)	5,234,597	5,211,053	3,610	19,934
Towboats				
Number of Vessels	5,172	1,779	3,265	128
Horsepower	9,833,667	4,034,188	5,735,809	163,669
Total Self-Propelled				
Number of Vessels	8,648	3,814	4,475	359
Horsepower	20,243,517	12,130,272	7,462,839	750,405
Cargo Capacity (short tons)	11,804,878	9,654,600	228,769	1,921,509
Number of Passengers (capacity)	422,308	301,836	84,844	35,628
Non-Self-Propelled				
Barges, Dry Cargo				
Number of Vessels	27,272	3,686	23,368	218
Cargo Capacity (short tons)	43,094,911	6,968,350	35,685,356	441,205
Number of Passengers (capacity)	545	130	415	0
Barges, Tanker				
Number of Vessels	4,031	636	3,386	9
Cargo Capacity (short tons)	11,860,144	3,955,945	7,881,017	23,182
Railroad Car Floats				
Number of Vessels	32	29	1	2
Cargo Capacity (short tons)	98,721	98,696	25	0
Total Non-Self-Propelled				
Number of Vessels	31,335	4,351	26,755	229
Cargo Capacity (short tons)	55,053,776	11,022,991	43,566,398	464,387
Number of Passengers (capacity)	545	130	415	0
Grand Total Self and Non-Self-Propelled				
Number of Vessels	39,983	8,165	31,230	588
Horsepower	20,343,516	12,130,272	7,462,839	750,405
Cargo Capacity (short tons)	66,858,654	20,677,591	43,795,167	2,385,896
Number of Passengers (capacity)	422,853	301,966	85,259	35,628

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

FIGURE 1-1: SUMMARY OF THE UNITED STATES VESSEL INVENTORY
BY REGION FOR 2003

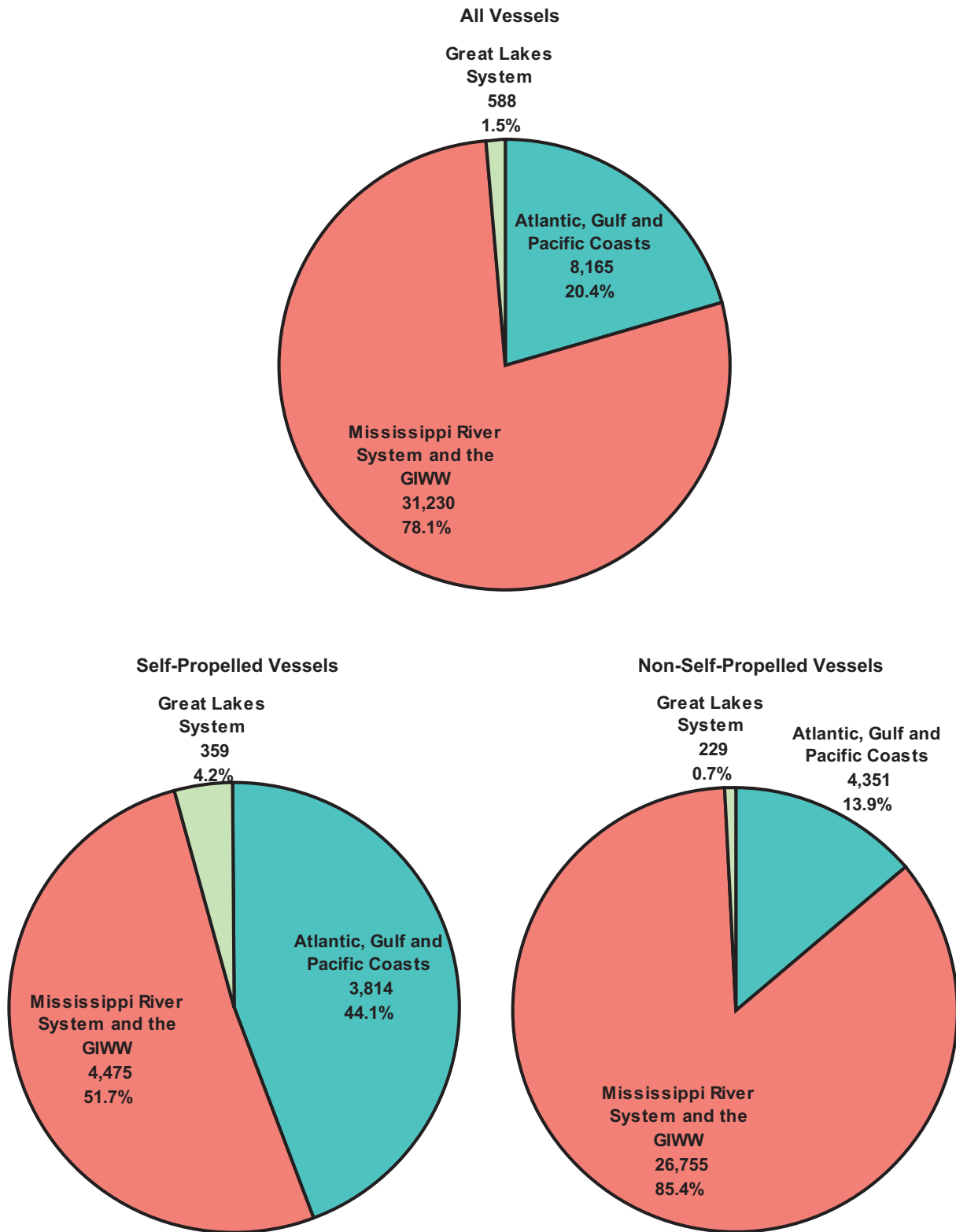
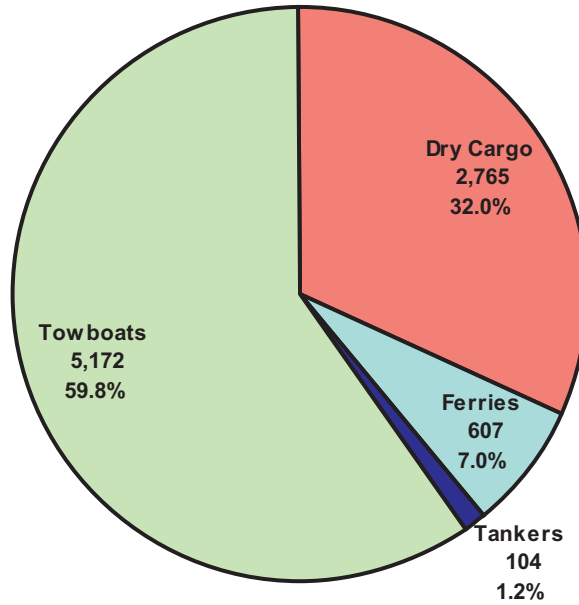


FIGURE 1-2: SUMMARY OF THE UNITED STATES VESSEL INVENTORY BY TYPE OF VESSEL FOR 2003

Self-Propelled Vessels



Non-Self-Propelled Vessels

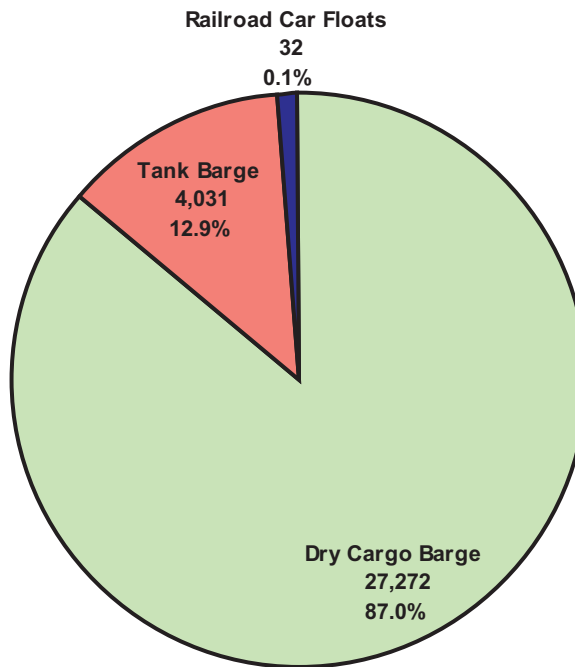


TABLE 2: SUMMARY OF THE UNITED STATES FLAG PASSENGER AND CARGO VESSELS¹
OPERATING OR AVAILABLE FOR OPERATION BY YEAR²

Type of Vessels	1985	1990	1995	2000	2002	2003
Self-Propelled						
Dry Cargo and/or Passenger, Offshore Support						
Number of Vessels	2,236	2,678	2,804	2,780	2,738	2,765
Horsepower	7,191,450	7,630,222	7,363,831	7,833,597	7,929,775	8,099,353
Cargo Capacity (short tons)	6,601,757	7,147,054	6,484,707	6,740,153	6,452,715	6,570,281
Number of Passengers (capacity)	153,347	215,204	275,353	264,635	230,307	232,866
Vehicular Ferries and Railroad Cars						
Number of Vessels	100	135	172	292	595	607
Horsepower	276,582	303,350	369,282	619,130	948,744	1,051,338
Number of Passengers (capacity)	NA	82,100	100,309	136,774	188,178	189,442
Tankers						
Number of Vessels	232	213	178	135	108	104
Horsepower	3,281,912	2,820,207	2,219,297	1,697,399	1,328,269	1,259,159
Cargo Capacity (short tons)	14,591,672	12,681,957	9,298,692	6,718,366	5,641,097	5,234,597
Towboats						
Number of Vessels	4,954	5,210	5,127	4,995	5,180	5,172
Horsepower	8,030,407	8,709,914	9,107,738	9,347,780	10,088,372	9,833,667
Total Self-Propelled						
Number of Vessels	7,522	8,236	8,281	8,202	8,621	8,648
Horsepower	18,780,351	19,463,693	19,060,148	19,497,906	20,295,160	20,243,517
Cargo Capacity (short tons)	21,193,429	19,829,011	15,783,399	13,458,519	12,093,812	11,804,878
Number of Passengers (capacity)	153,347	297,304	375,662	401,409	418,485	422,308
Non-Self-Propelled						
Barges, Dry Cargo						
Number of Vessels	29,287	27,170	27,342	29,107	28,281	27,272
Cargo Capacity (short tons)	38,633,297	38,189,490	39,971,443	44,814,696	44,688,157	43,094,911
Barges, Tanker						
Number of Vessels	4,252	4,003	3,985	4,011	4,068	4,031
Cargo Capacity (short tons)	10,842,430	10,757,295	11,169,087	11,678,593	11,925,863	11,860,144
Railroad Car Floats						
Number of Vessels	58	36	33	34	32	32
Cargo Capacity (short tons)	NA	119,235	113,729	88,075	107,796	98,721
Total Non-Self-Propelled						
Number of Vessels	33,597	31,209	31,360	33,152	32,381	31,335
Cargo Capacity (short tons)	49,475,727	49,066,020	51,254,259	56,581,364	56,721,816	55,053,776
Grand Total Self and Non-Self-Propelled						
Number of Vessels	41,119	39,445	39,641	41,354	41,002	39,983
Horsepower	18,780	19,463,693	19,060,148	19,497,906	20,295,160	20,343,516
Cargo Capacity (short tons)	70,669,156	68,895,031	67,037,658	70,039,883	68,815,628	66,858,654
Number of Passengers (capacity)	153,347	300,453	376,763	401,677	423,629	422,853

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

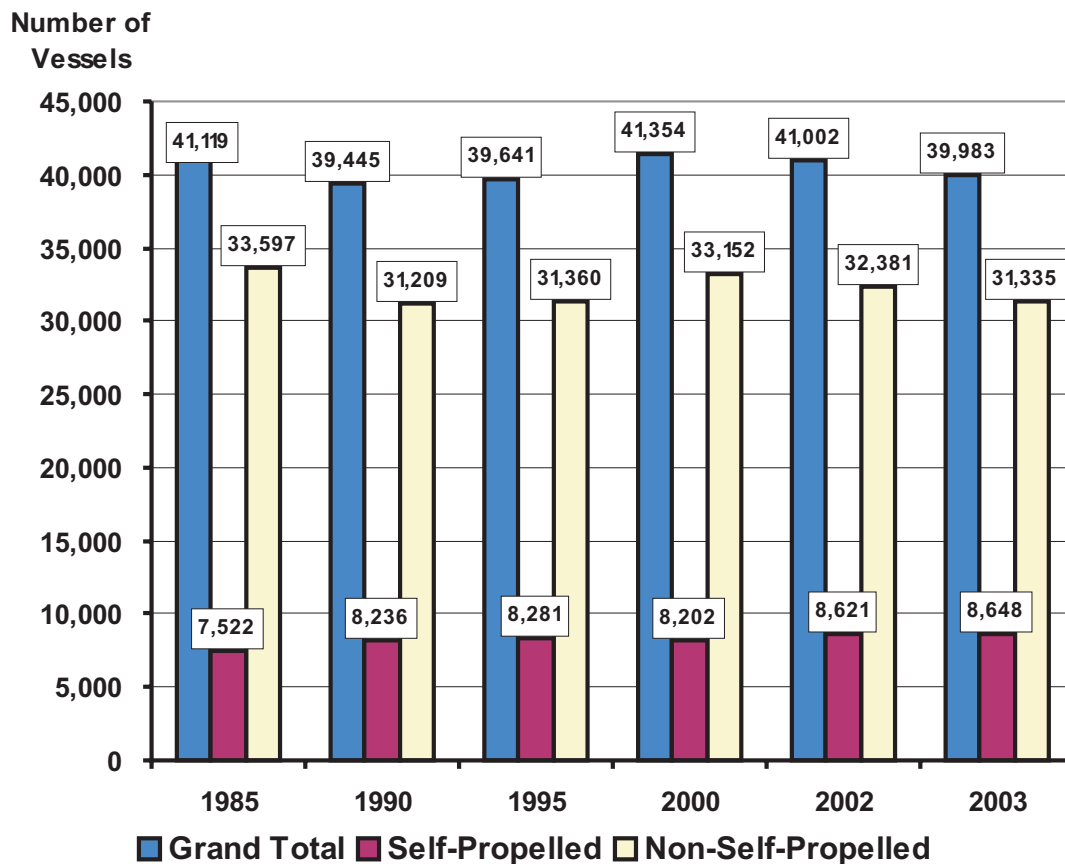


TABLE 3: SUMMARY OF THE UNITED STATES FLEET CONSTRUCTION¹
BY VESSEL TYPE FOR YEARS 1994 - 2003

Vessel Type	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Vessels (total)²	511	668	1,451	1,713	1,173	1,300	1,034	929	802	653
Self-Propelled (total)	52	71	81	83	124	144	78	92	91	85
Dry Cargo (total)	6	6	4	8	13	3	11	19	15	16
Dry Bulk	0	0	0	0	0	0	0	2	0	1
Containership	0	0	0	0	0	0	0	0	1	2
General Cargo	2	3	2	5	5	1	2	0	0	2
Specialized	4	3	2	3	8	2	9	17	14	11
Passenger	20	18	22	15	20	23	10	5	4	8
Offshore Support	11	11	12	28	47	56	23	30	35	32
Tanker	1	0	1	4	3	2	1	0	3	0
Towboat	14	36	42	28	38	56	30	34	31	24
Non-Self-Propelled (total)	459	597	1,370	1,630	1,049	1,156	956	837	711	568
Dry Barge (total)	405	506	1,235	1,565	977	1,061	884	771	631	485
Dry Covered	218	345	397	1,031	516	678	407	474	279	93
Dry Open	114	100	682	367	375	232	209	174	237	235
Lash/Seabee	0	0	0	0	0	0	0	0	0	0
Deck	67	60	156	166	82	151	266	121	114	155
Other Dry ³	6	1	0	1	4	0	2	2	1	2
Tank Barge ⁴ (total)	54	91	135	65	72	95	72	66	80	83
Single Hull	2	0	11	1	5	1	0	0	1	1
Double Hull	37	57	96	59	61	54	48	31	55	68
Other Tank ⁵	15	34	28	5	6	40	24	35	24	14

Vessel Type	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Vessels (total)²	9	7	12	4	15	15	22	30	27	21
Self-Propelled (total)	7	6	6	4	11	9	13	21	17	11
Dry Cargo (total)	0	0	1	0	1	3	3	4	3	2
Dry Bulk	0	0	0	0	0	0	0	0	0	0
Containership	0	0	0	0	0	1	3	3	3	2
General Cargo	0	0	0	0	0	2	0	0	0	0
Specialized	0	0	1	0	1	0	0	1	0	0
Passenger	2	0	0	0	0	0	1	1	0	1
Offshore Support	1	4	3	2	0	0	0	0	0	0
Tanker	0	0	0	0	0	0	0	0	0	0
Towboat	4	2	2	2	10	6	9	16	14	8
Non-Self-Propelled (total)	2	1	6	0	4	6	9	9	10	10
Dry Barge (total)	2	1	5	0	4	6	9	0	4	7
Dry Covered	1	0	1	0	2	1	1	0	0	1
Dry Open	0	0	0	0	0	0	0	0	1	0
Lash/Seabee	0	0	0	0	0	0	0	0	0	0
Deck	1	1	3	0	2	5	8	0	3	5
Other Dry ³	0	0	1	0	0	0	0	0	0	1
Tank Barge ⁴ (total)	0	0	1	0	0	0	0	9	6	3
Single Hull	0	0	0	0	0	0	0	0	0	0
Double Hull	0	0	1	0	0	0	0	8	6	3
Other Tank ⁵	0	0	0	0	0	0	0	1	0	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 1994 - 2003

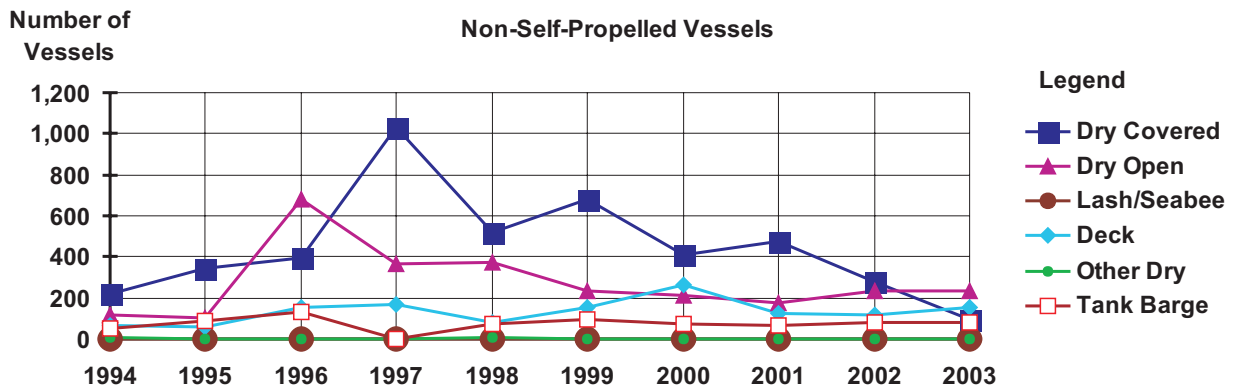
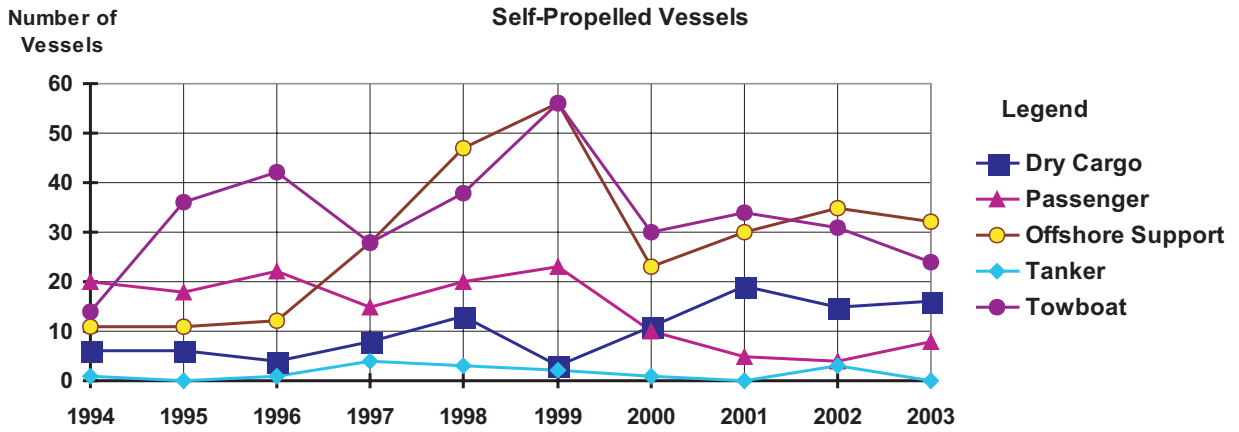
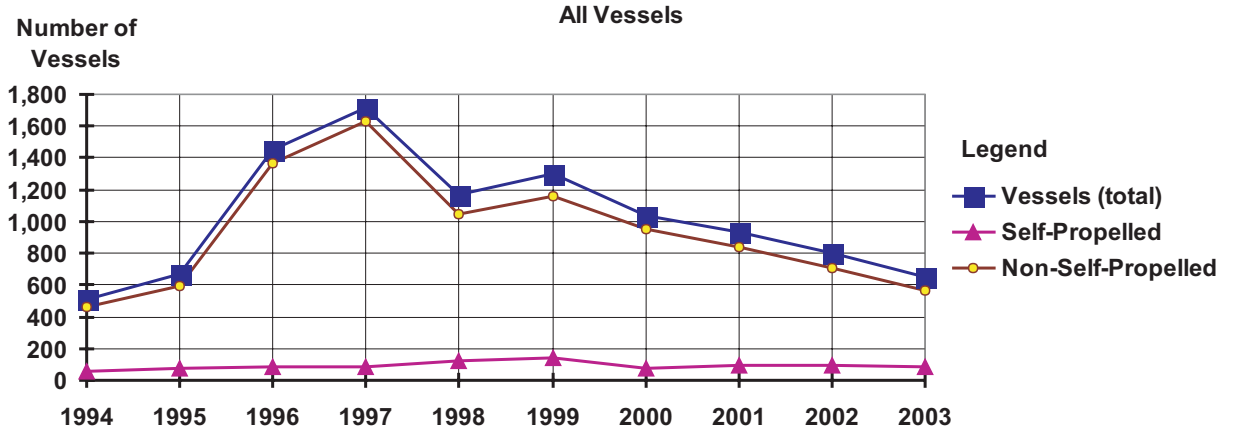


TABLE 4: SUMMARY OF THE UNITED STATES FLAG VESSELS
BY VESSEL TYPE AND AGE FOR 2003

Vessel Type	Number ¹	Age ²					
		<= 5	6 - 10	11 - 15	16 - 20	21 - 25	> 25
Vessels (total)	39,983	6,381	5,085	3,712	1,709	9,912	12,972
Self-Propelled (total)	8,643	868	532	476	584	2,003	4,162
Dry Cargo (total)	969	114	93	110	127	168	354
Dry Bulk	74	3		1	6	22	42
Containership	74	5	8	11	20	21	9
General Cargo	210	9	016	20	27	54	83
Specialized	611	97	69	78	74	71	220
Passenger	789	69	89	122	133	84	287
Offshore Support	1609	314	126	93	111	584	378
Tanker	104	9	7	3	15	32	38
Towboat	5172	362	217	148	198	1135	3105
Non-Self-Propelled (total)	31,335	5,513	4,551	3,236	1,125	7,909	8,807
Dry Barge (total)	27,304	4,909	4,155	2,976	1,054	7,135	6,884
Dry Covered	12873	2384	2195	557	151	4748	2817
Dry Open	8156	1577	1464	1668	585	1493	1363
Lash/Seabee	897	0	0	329	38	9	521
Deck	5232	931	486	416	266	862	2119
Other Dry ³	146	17	10	6	14	23	64
Tank Barge (total)	4,031	604	396	260	71	774	1,923
Single Hull	578	7	30	9	15	128	389
Double Hull	2809	447	348	245	47	532	1189
Other Tank ⁴	644	150	18	6	9	114	345
Unknown	5	0	2	0	0	0	3

1 Total is greater than sum because of 212 vessels of unknown age; figures include vessels available for operation.

2 Age is based upon the year the vessel was built or rebuilt, using calendar year 2003 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 2003

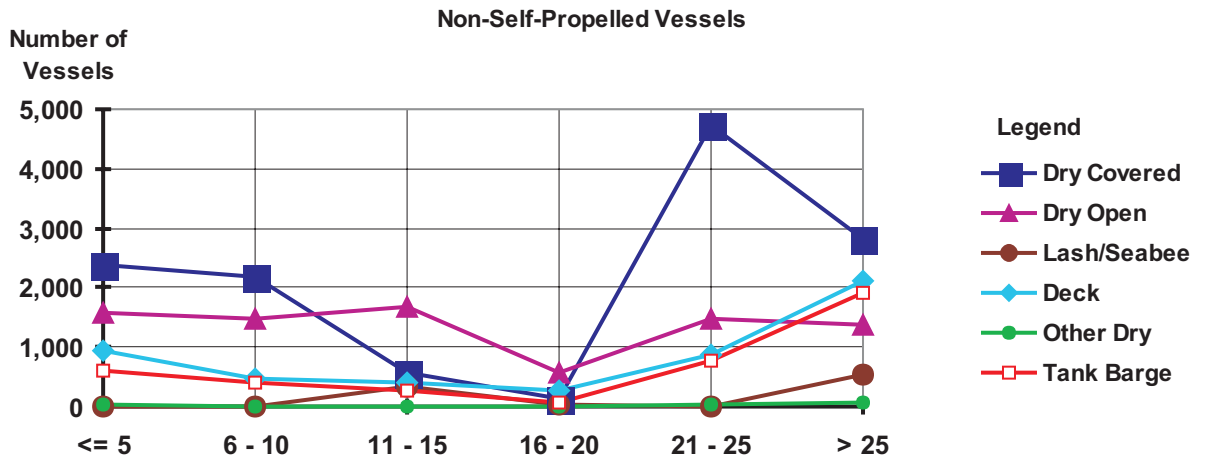
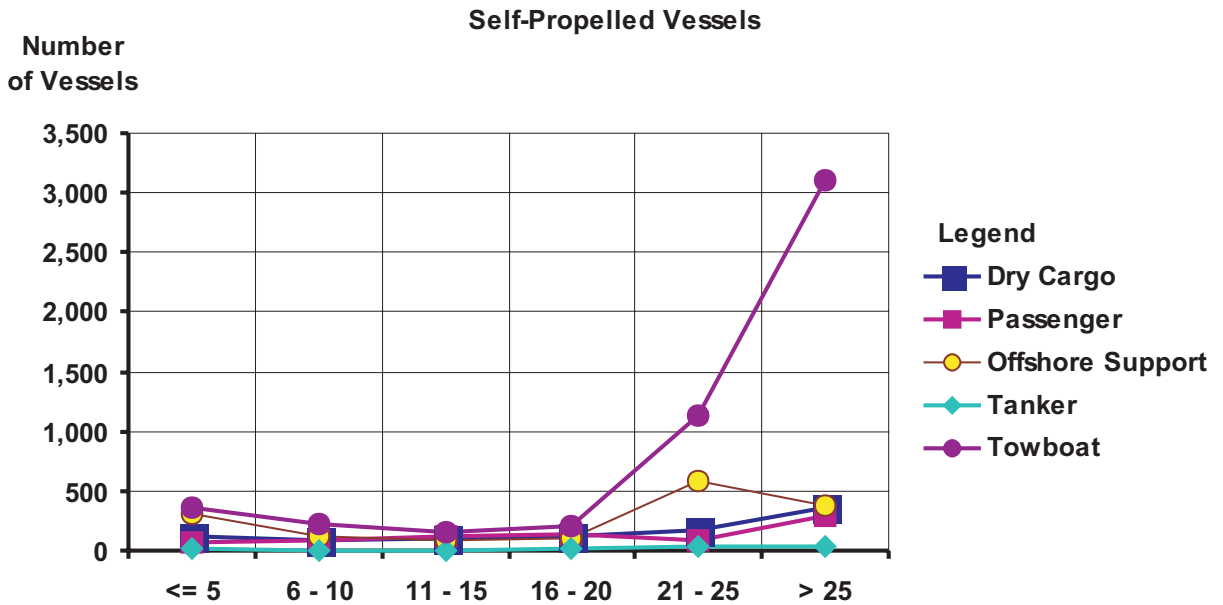
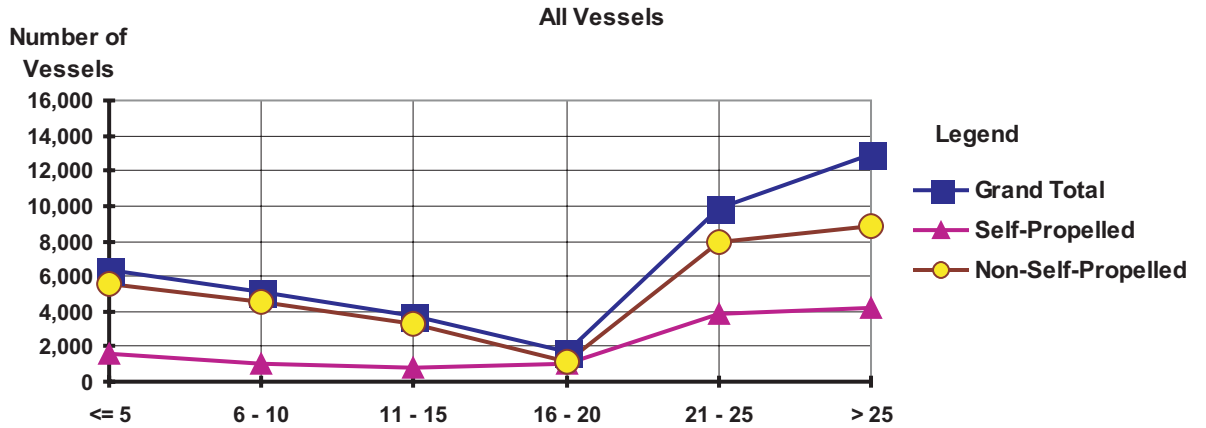


FIGURE 5: SUMMARY OF THE UNITED STATES TOWBOAT FLEET
BY HORSEPOWER FOR 2003

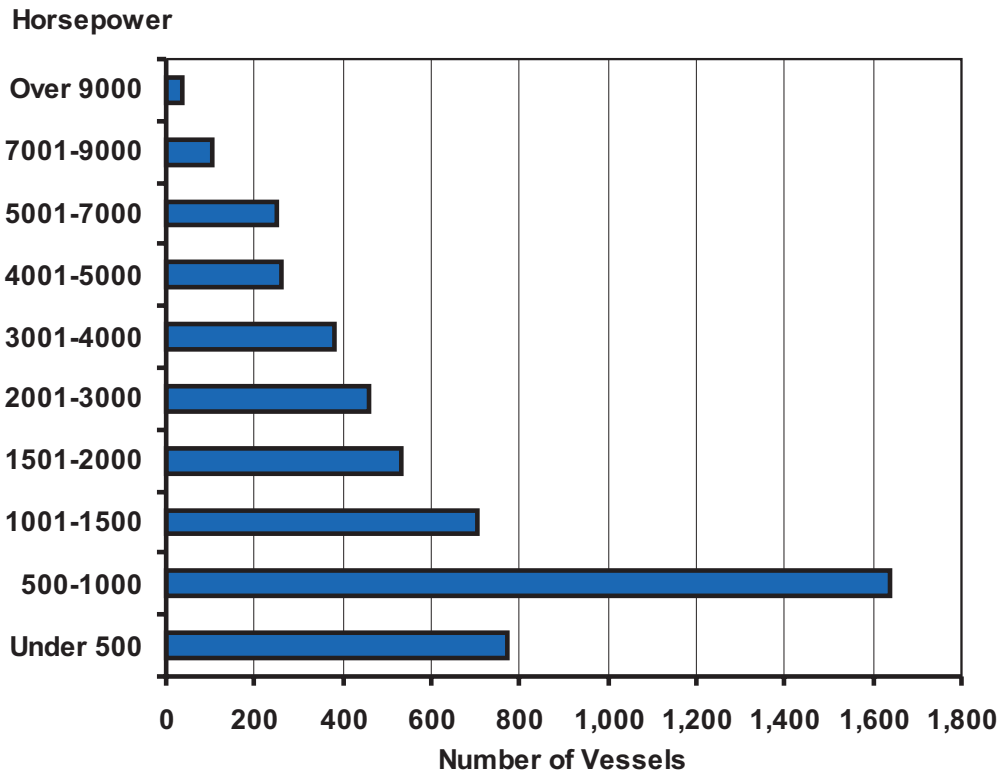


TABLE 5: SUMMARY OF THE UNITED STATES TOWBOAT FLEET
BY HORSEPOWER FOR 2003

Vessel Type / Horsepower Class	Vessels ²		Horsepower ¹			Average Age ⁴
	Number	% Total	Total	% Total	Average ³	
Under 500	772	14.9	248,373	2.5	322	37
500-1000	1,636	31.6	1,276,067	13.0	780	30
1001-1500	703	13.6	877,387	8.9	1,248	29
1501-2000	531	10.3	946,534	9.6	1,783	29
2001-3000	460	8.9	1,190,774	12.1	2,589	28
3001-4000	380	7.3	1,363,775	13.9	3,589	27
4001-5000	262	5.1	1,160,300	11.8	4,429	26
5001-7000	249	4.8	1,486,032	15.1	5,968	23
7001-9000	105	2.0	818,180	8.3	7,792	23
Over 9000	39	0.8	466,245	4.7	11,955	14
Total Towboat Fleet	5,172	100.0	9,833,667	100.0	1,914	30

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

FIGURE 6: SUMMARY OF THE UNITED STATES TANK BARGE FLEET BY BARGE TYPE AND SIZE FOR 2003

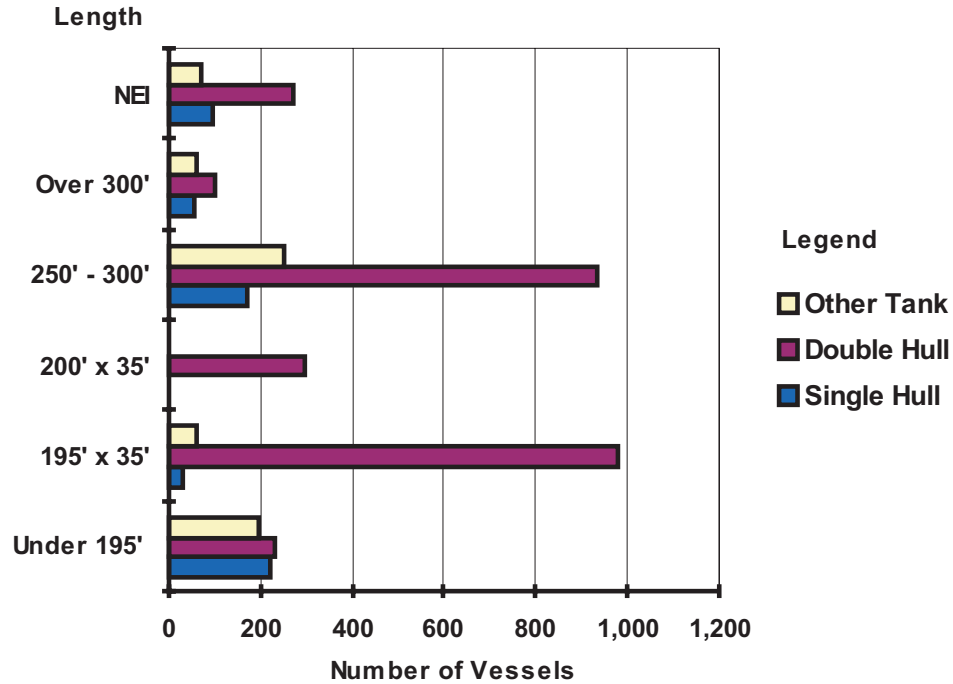


TABLE 6: SUMMARY OF THE UNITED STATES TANK BARGE FLEET BY BARGE TYPE AND SIZE FOR 2003

Barge Size ¹	Total Barges		Cargo Capacity ²			Average Age ³
	Number	% Total	Total	% Total	Average	
Barge Type: Single Hull						
Under 195'	223	38.6	221,901	11.0	995	35
195' x 35'	31	5.4	44,121	2.2	1,423	38
200' x 35'	2	0.3	3,209	0.2	1,605	35
250' - 300'	171	29.6	700,888	34.9	4,099	30
Over 300'	54	9.3	776,810	38.7	14,385	25
NEI	97	16.8	261,595	13.0	2,725	36
Total Single Hull	578	14.3	2,008,524	16.9	3,481	33
Barge Type: Double Hull						
Under 195'	232	8.3	357,110	4.7	1,546	26
195' x 35'	977	34.8	1,455,650	19.0	1,490	25
200' x 35'	294	10.5	476,924	6.2	1,622	15
250' - 300'	934	33.3	3,455,520	45.0	3,708	16
Over 300'	102	3.6	1,312,421	17.1	12,994	13
NEI	270	9.6	615,917	8.0	2,281	27
Total Double Hull	2,809	69.7	7,673,542	64.7	2,736	21
Barge Type: Other Tank⁴						
Under 195'	198	30.7	195,988	9.0	990	31
195' x 35'	59	9.2	77,354	3.6	1,460	20
200' x 35'	7	1.1	4,141	0.2	1,380	15
250' - 300'	249	38.7	957,980	44.0	3,894	21
Over 300'	59	9.2	773,511	35.5	13,110	24
NEI	72	11.2	169,104	7.8	2,382	37
Total Other Tank	644	16.0	2,178,078	18.4	3,457	26
Total Tank Barge Fleet	4,031	100.00	11,860,144	100.00	2,956	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 2003

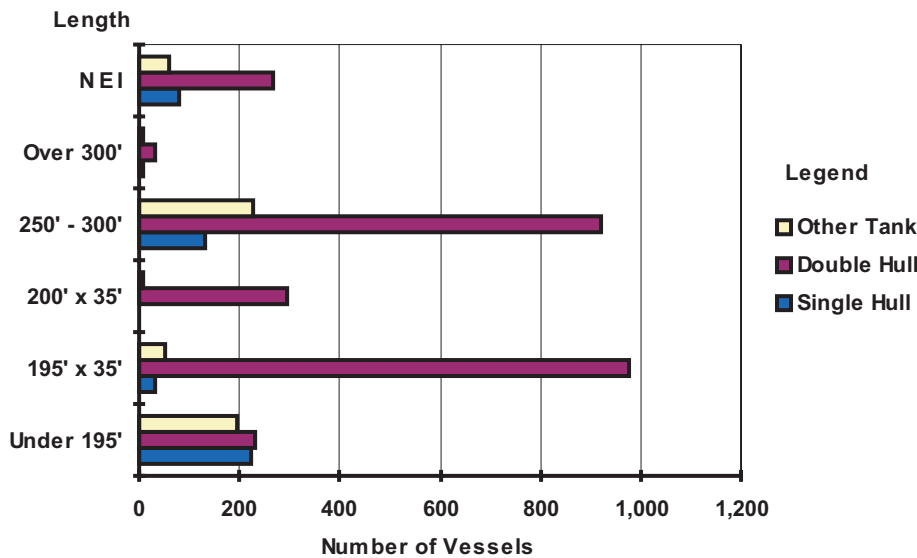


TABLE 7: SUMMARY OF THE UNITED STATES SHALLOW DRAFT¹ TANK BARGE FLEET BY BARGE TYPE AND SIZE FOR 2003

Barge Size ²	Total Barges		Cargo Capacity ³			Average Age ⁴
	Number	% Total	Total	% Total	Average	
Barge Type: Single Hull						
Under 195'	223	47.0	221,901	23.5	995	35
195' x 35'	31	6.5	44,121	4.7	1,423	38
200' x 35'	2	0.4	3,209	0.3	1,605	35
250' - 300'	133	28.1	452,671	47.9	3,404	30
Over 300'	6	1.3	25,438	2.7	4,240	27
NEI	79	16.7	198,560	21.0	2,546	38
Total Single Hull	474	12.7	945,900	11.0	2,000	34
Barge Type: Double Hull						
Under 195'	232	8.5	357,110	5.6	1,546	26
195' x 35'	977	35.9	1,455,650	22.8	1,490	25
200' x 35'	294	10.8	476,924	7.5	1,622	15
250' - 300'	920	33.8	3,373,582	52.8	3,675	16
Over 300'	30	1.1	123,931	1.9	4,131	19
NEI	267	9.8	606,924	9.5	2,273	27
Total Double Hull	2,720	72.6	6,394,121	74.5	2,353	21
Barge Type: Other Tank⁵						
Under 195'	197	35.8	193,488	15.6	982	31
195' x 35'	53	9.6	77,354	6.2	1,460	22
200' x 35'	7	1.3	4,141	0.3	1,380	15
250' - 300'	227	41.2	819,662	66.0	3,659	20
Over 300'	8	1.5	24,165	1.9	3,021	24
NEI	59	10.7	122,309	9.9	2,109	38
Total Other Tank	551	14.7	1,241,119	14.5	2,286	26
Total Shallow Draft Tank Barge Fleet	3,745	100.0	8,581,140	100.0	2,299	24

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 2003

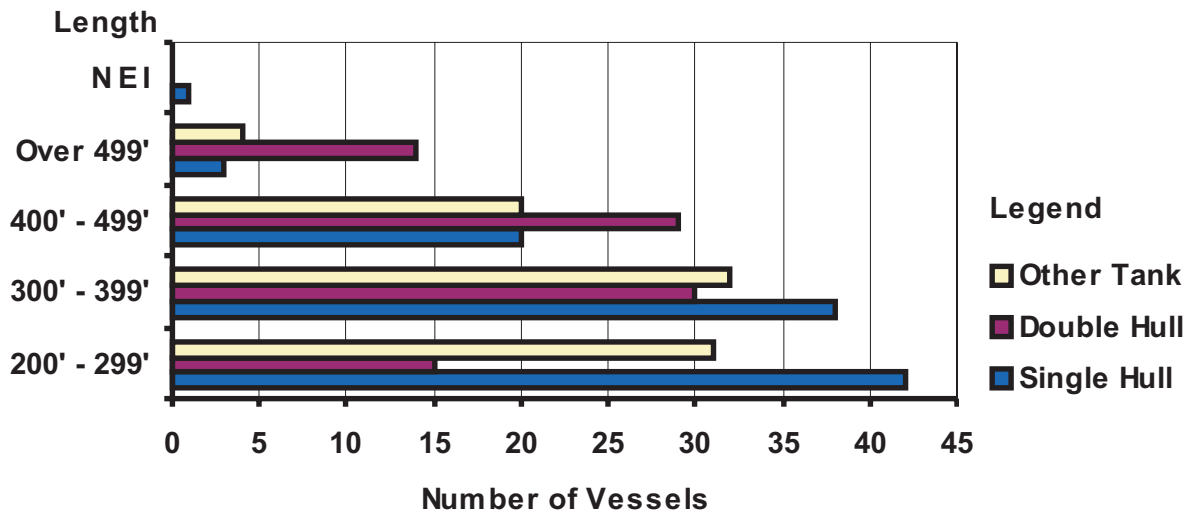


TABLE 8: SUMMARY OF THE UNITED STATES DEEP DRAFT¹ TANK BARGE FLEET BY BARGE TYPE AND SIZE FOR 2003

Barge Size ²	Total Barges		Cargo Capacity ³		Average Age ⁴	
	Number	% Total	Total	% Total		
Barge Type: Single Hull						
200' - 299'	42	40.4	204,232	19.2	4,863	29
300' - 399'	38	36.5	361,778	34.0	9,520	27
400' - 499'	20	19.2	418,804	39.4	20,940	21
Over 499'	3	2.9	74,610	7.0	24,870	24
NEI	1	1.0	3,200	0.3	3,200	41
Total Single Hull	104	37.3	1,062,624	32.4	10,218	27
Barge Type: Double Hull						
200' - 299'	15	17.0	78,927	6.2	5,262	29
300' - 399'	30	34.1	286,430	22.4	9,548	13
400' - 499'	29	33.0	493,991	38.6	17,034	11
Over 499'	14	15.9	420,073	32.8	30,005	8
Total Double Hull	88	31.5	1,279,421	39.0	14,539	14
Barge Type: Other Tank⁵						
Under 300'	31	35.6	142,948	15.3	4,611	30
300' - 399'	32	36.8	339,139	36.2	10,598	28
400' - 499'	20	23.0	316,776	33.8	15,839	21
Over 499'	4	4.6	138,096	14.7	34,524	27
Total Other Tank	87	31.2	936,959	28.6	10,770	27
Total Deep Draft						
Tank Barge Fleet	279	100.0	3,279,004	100.0	11,753	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 2003

Standard Barge Size ¹	Total Barges		Cargo Capacity ²			Average
	Number	% Total	Total	% Total	Average	Age ³
Barge Type: Dry Covered						
Under 175'	58	0.5	31,592	0.14	545	33
175' x 26'	2	0.0	1,795	0.01	898	53
195' x 26'	1	0.0	1,670	0.01	1,670	22
195' x 35'	5,058	39.3	7,872,395	35.01	1,556	22
200' x 35'	7,377	57.3	12,657,192	56.30	1,716	14
Over 200'	314	2.4	1,821,455	8.10	5,819	19
NEI	63	0.5	96,981	0.43	1,539	15
Total Dry Covered	12,873	47.1	22,483,080	52.05	1,747	18
Barge Type: Dry Open						
Under 175'	661	8.1	668,246	5.27	1,046	35
175' x 26'	546	6.7	519,086	4.09	951	21
195' x 26'	381	4.7	419,469	3.31	1,101	21
195' x 35'	3,922	48.1	6,117,098	48.24	1,560	14
200' x 35'	2,392	29.3	4,185,502	33.01	1,761	10
Over 200'	194	2.4	659,146	5.20	3,415	23
NEI	60	0.7	111,963	0.88	1,866	30
Total Dry Open	8,156	29.9	12,680,510	29.36	1,562	16
Barge Type: Deck						
Under 100'	305	5.8	72,880	1.03	250	38
100' - 110'	632	12.1	299,173	4.22	482	35
111' - 120'	758	14.5	397,296	5.60	530	22
121' - 140'	666	12.7	558,253	7.87	838	32
141' - 160'	321	6.1	342,641	4.83	1,074	30
161' - 180'	264	5.0	419,036	5.90	1,612	30
181' - 200'	1,881	36.0	3,117,524	43.93	1,660	14
201' - 220'	51	1.0	123,022	1.73	2,412	29
221' - 240'	82	1.6	273,974	3.86	3,341	30
241' - 260'	121	2.3	497,047	7.00	4,142	23
Over 260'	144	2.8	990,310	13.95	6,877	27
NEI	7	0.1	5,769	0.08	1,442	38
Total Deck	5,232	19.2	7,096,925	16.43	1,368	24
Barge Type: Lash / Seabee						
Lash 62' x 31'	891	99.3	360,738	96.14	405	23
Seabee 97' x 35'	4	0.4	12,467	3.32	3,117	30
NEI	2	0.2	2,000	0.53	1,000	43
Total Lash Seabee	897	3.3	375,205	0.87	418	23
Barge Type: Other Dry⁴						
Under 175'	46	31.5	23,502	4.21	603	35
175' x 26'	0	0.0	0	0.00	0	0
195' x 26'	0	0.0	0	0.00	0	0
195' x 35'	0	0.0	0	0.00	0	0
200' x 35'	0	0.0	0	0.00	0	0
Over 200'	83	56.8	511,269	91.55	6,312	24
NEI	17	11.6	23,691	4.24	2,369	23
Total Other Dry	146	0.5	558,462	1.29	4,296	28
Total Dry Cargo	27,304	100.0	43,194,182	100.00	1,588	19

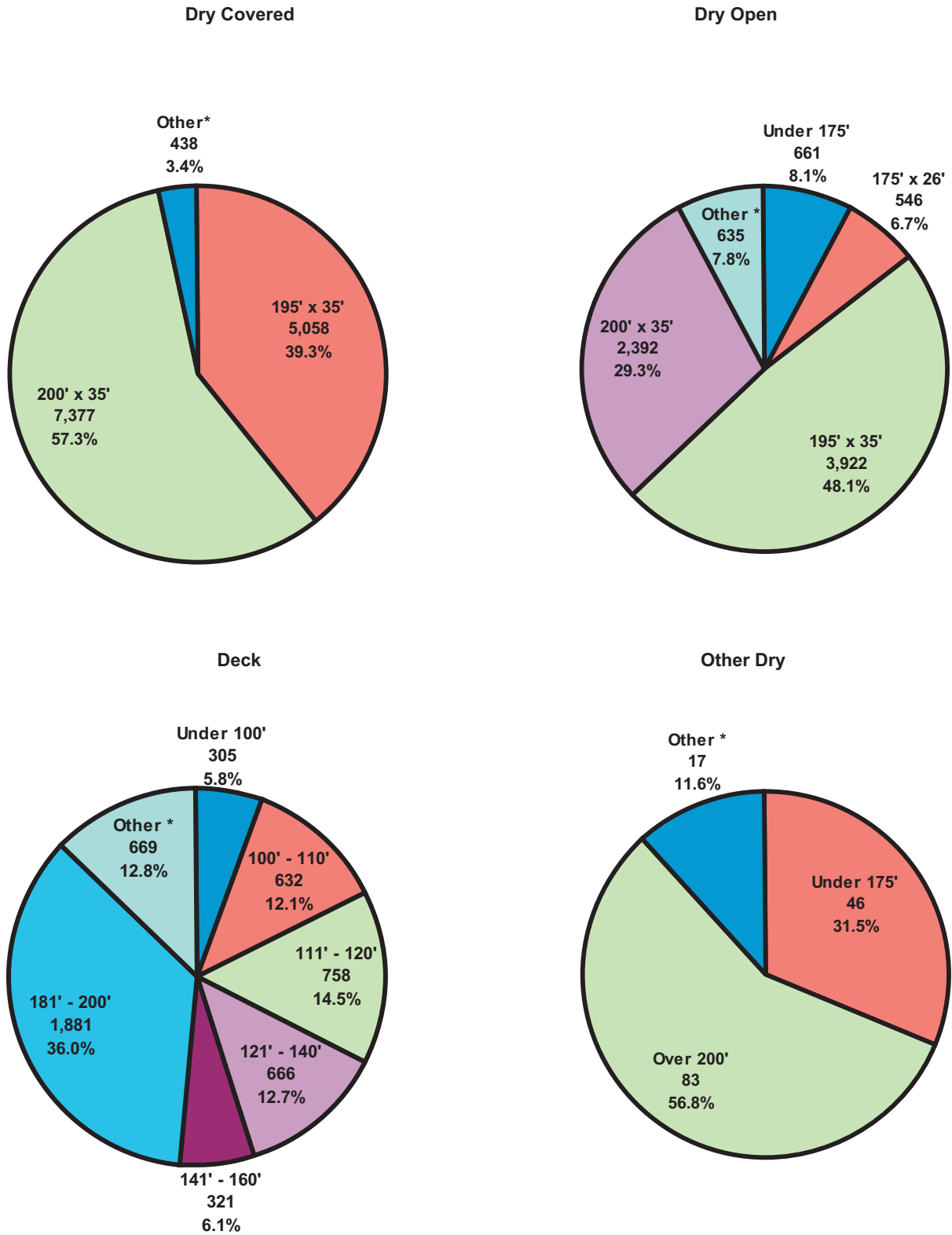
1 Size refers to the overall length and breadth of the vessel in feet rounded to the nearest foot. NEI (not elsewhere included) refers to the barges that do not fall within the dimensions stated.

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 2003



* 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 2003

Barge Size ²	Total Barges		Cargo Capacity ³			Average Age ⁴
	Number	% Total	Total	% Total	Average	
Barge Type: Dry Covered						
Under 175'	58	0.5	31,592	0.1	545	33
175' x 26'	2	0.0	1,795	0.0	898	53
195' x 26'	1	0.0	1,670	0.0	1,670	22
195' x 35'	5,058	39.6	7,872,395	37.1	1,556	22
200' x 35'	7,376	57.7	12,654,892	59.6	1,716	14
Over 200'	220	1.7	562,582	2.7	2,557	17
NEI	63	0.5	96,981	0.5	1,539	15
Total Dry Covered	12,778	47.4	21,221,907	52.5	1,661	18
Barge Type: Dry Open						
Under 175'	631	7.8	598,757	4.8	983	35
175' x 26'	546	6.8	519,086	4.2	951	21
195' x 26'	381	4.7	419,469	3.4	1,101	21
195' x 35'	3,922	48.5	6,117,098	49.4	1,560	14
200' x 35'	2,392	29.6	4,185,502	33.8	1,761	10
Over 200'	158	2.0	436,159	3.5	2,778	23
NEI	54	0.7	97,681	0.8	1,809	29
Total Dry Open	8,084	30.0	12,373,752	30.6	1,538	16
Barge Type: Deck						
Under 100'	303	5.9	72,872	1.2	251	38
100' - 110'	632	12.4	299,173	4.8	482	35
111' - 120'	756	14.8	397,296	6.4	530	22
121' - 140'	665	13.0	555,253	8.9	835	32
141' - 160'	320	6.3	341,541	5.5	1,074	30
161' - 180'	257	5.0	402,819	6.5	1,592	30
181' - 200'	1,880	36.8	3,115,088	50.0	1,660	14
201' - 220'	49	1.0	117,542	1.9	2,399	28
221' - 240'	68	1.3	207,075	3.3	3,045	32
241' - 260'	93	1.8	367,794	5.9	3,998	25
Over 260'	79	1.5	343,499	5.5	4,348	31
NEI	6	0.1	5,765	0.1	1,922	29
Total Deck	5,108	18.9	6,225,717	15.4	1,229	24
Barge Type: Lash / Seabee						
Lash 62' x 31'	891	99.3	360,738	96.1	405	23
Seabee 98' x 35'	4	0.4	12,467	3.3	3,117	30
NEI	2	0.2	2,000	0.5	1,000	43
Total Lash Seabee	897	3.3	375,205	0.9	418	23
Barge Type: Other Dry⁵						
Under 175'	41	41.8	21,315	9.1	576	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'	45	45.9	201,225	85.9	4,573	28
NEI	12	12.2	11,700	5.0	1,950	20
Total Other Dry	98	0.4	234,240	0.6	2,692	30
Total Dry Cargo	26,965	100.0	40,430,821	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.

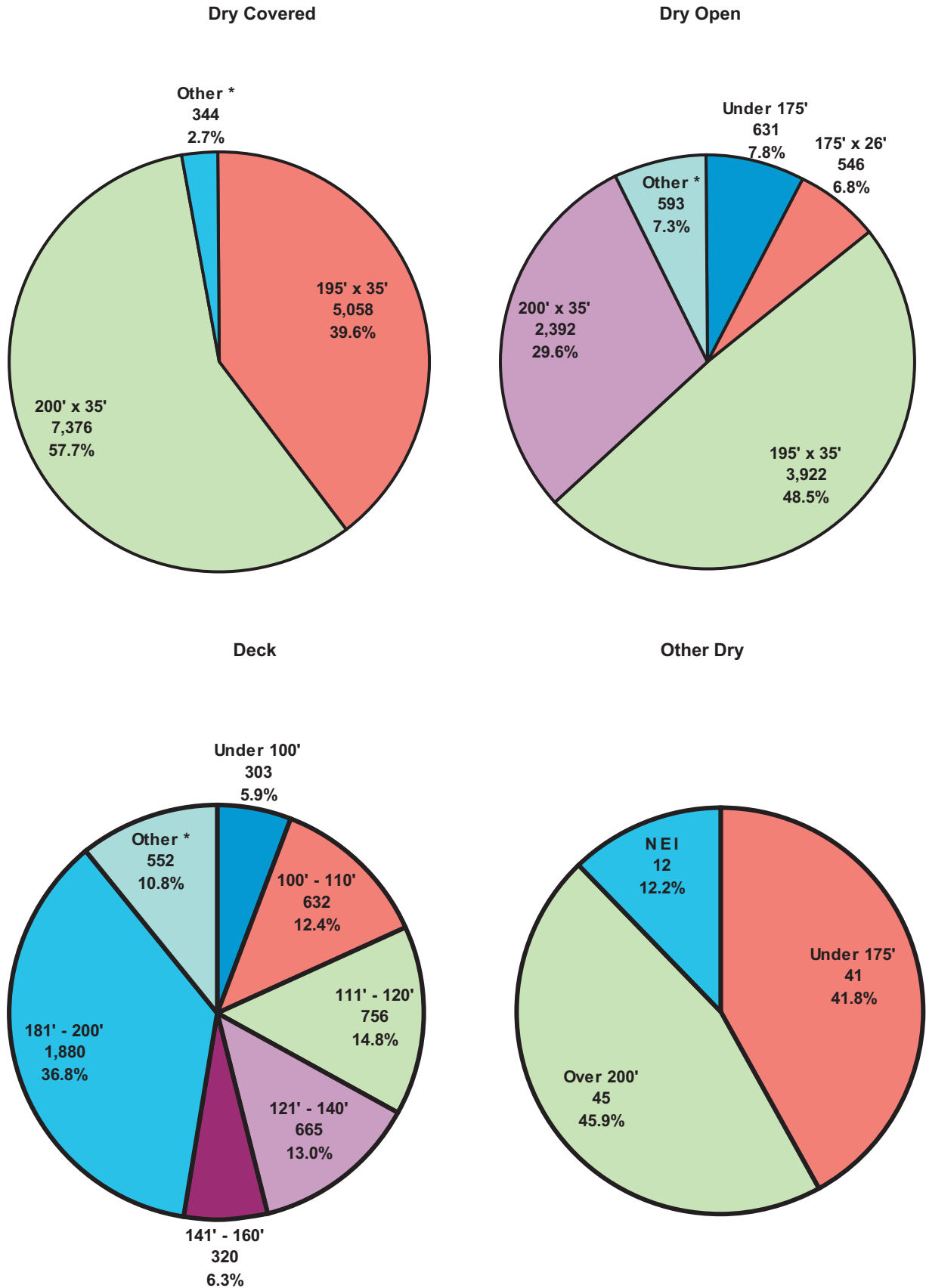
2 Size refers to the overall length and breadth of the vessel in feet rounded to the nearest foot. NEI (not elsewhere included) refers to the barges that do not fall within the dimensions stated.

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 DRAFT DRY CARGO BARGE FLEET BY BARGE TYPE AND SIZE FOR 2003



* 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 2003

Barge Size ²	Total Barges		Cargo Capacity ³		Average	
	Number	% Total	Total	% Total	Average	Age ⁴
Barge Type: Dry Covered						
Under 200'	0	0.0	0	0.0	0	0
200' - 299'	33	34.7	140,458	11.1	4,389	25
300' - 399'	22	23.2	212,480	16.8	9,658	24
400' - 499'	25	26.3	429,336	34.0	17,173	27
Over 499'	15	15.8	478,899	38.0	31,927	21
Total Dry Covered	95	29.3	1,261,173	46.0	13,417	25
Barge Type: Dry Open						
Under 200'	33	45.8	74,771	24.4	2,266	50
200' - 299'	30	41.7	145,887	47.6	4,863	25
300' - 399'	8	11.1	63,100	20.6	7,888	22
Over 399'	1	1.4	23,000	7.5	23,000	33
Total Dry Open	72	22.2	306,758	11.2	4,261	36
Barge Type: Deck						
Under 200'	11	9.2	22,757	2.6	2,069	29
200' - 299'	61	51.3	326,272	37.7	5,349	19
300' - 399'	26	21.8	216,672	25.0	8,334	21
Over 399'	21	17.6	299,499	34.6	14,262	27
NEI	0	0.0	0	0.0	0	0
Total Deck	119	36.7	865,200	31.5	7,271	22
Barge Type: Other Dry⁵						
200' - 299'	6	15.8	27,979	9.0	5,596	23
300' - 399'	18	47.4	127,431	41.1	7,080	18
400' - 499'	11	28.9	117,134	37.8	10,649	20
Over 499'	3	7.9	37,500	12.1	12,500	29
Total Other Dry	38	11.7	310,044	11.3	8,380	20
Total Dry Cargo	324	100.0	2,743,175	100.0	8,519	26

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 DRAFT DRY CARGO BARGE FLEET BY BARGE TYPE AND SIZE FOR 2003

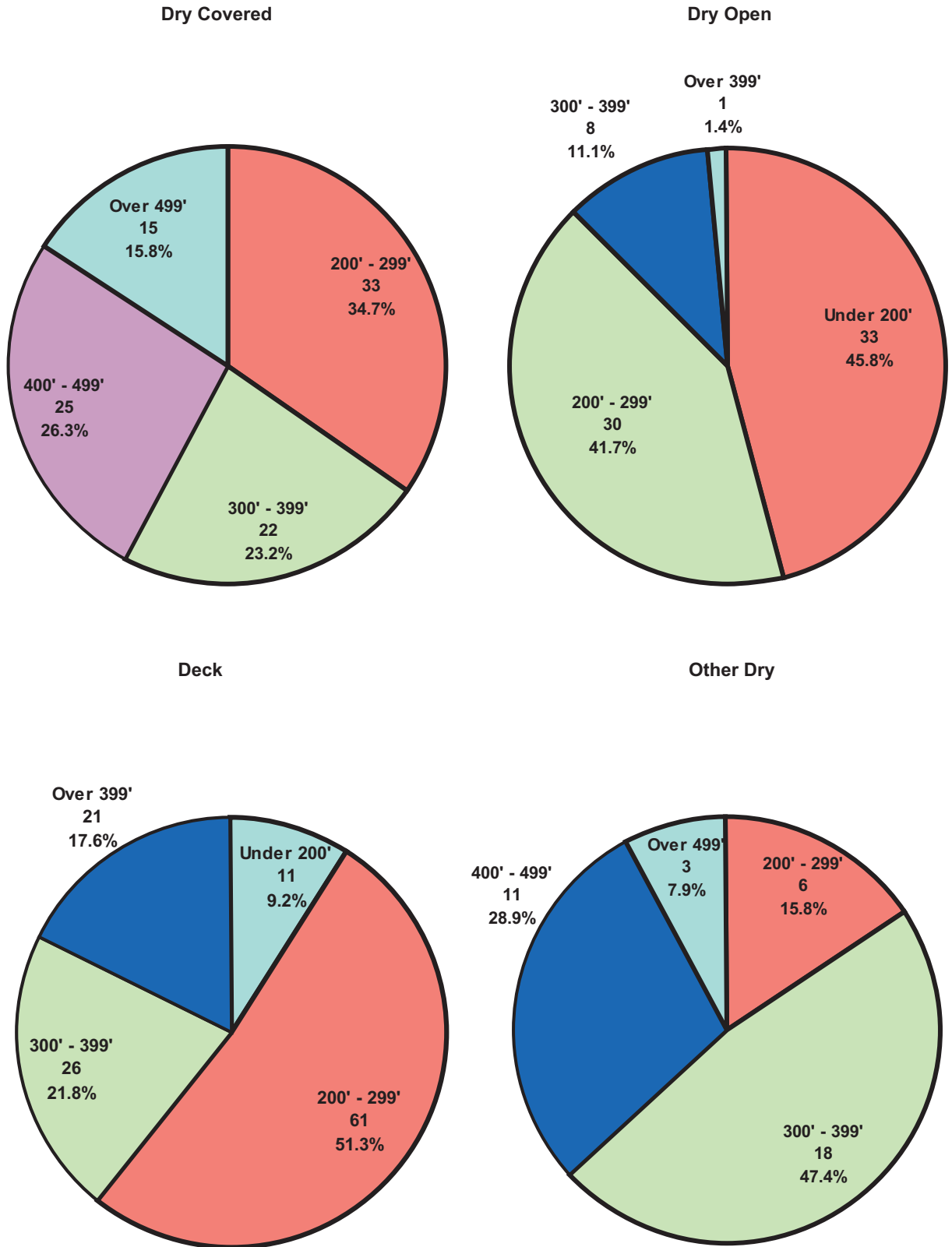


FIGURE 12: SUMMARY OF THE UNITED STATES SHALLOW AND DEEP DRAFT¹ VESSELS BY VESSEL TYPE FOR 2003

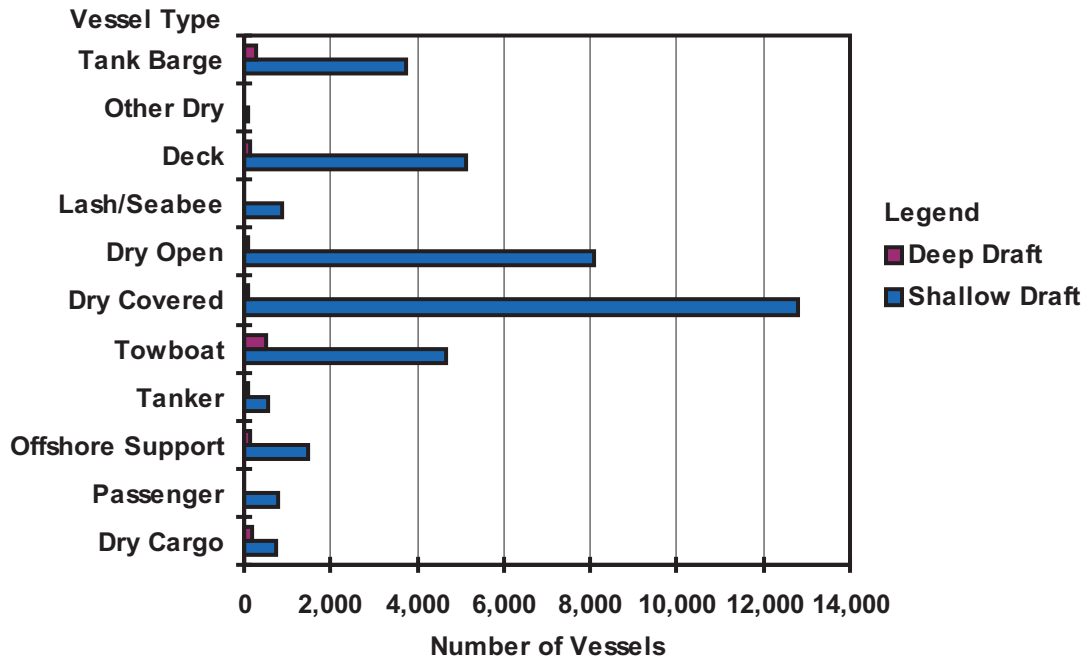


TABLE 12: SUMMARY OF THE UNITED STATES SHALLOW AND DEEP DRAFT VESSELS BY VESSEL TYPE FOR 2003

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	38,386	96.2	9	21	1,503	3.8	21	22
Self Propelled (total)	7,672	89.5	8	27	899	10.5	22	21
Dry Cargo (total)	728	78.0	7	24	205	22.0	31	23
Dry Bulk	9	12.2	11	38	65	87.8	30	29
Containership	0	-	-	-	74	100.0	38	18
General Cargo	177	84.3	8	29	33	15.7	31	20
Specialized	542	94.3	6	22	33	5.7	18	26
Passenger	776	99.4	5	24	5	0.6	17	27
Offshore Support	1,470	92.6	8	20	118	7.4	17	8
Tanker	25	24.0	9	43	79	76.0	40	21
Towboat	4,673	90.5	8	30	492	9.5	17	23
Non-Self_Propelled (total)	30,710	98.1	9	19	603	1.9	20	24
Dry Barge (total)	26,965	98.8	9	18	324	1.2	18	26
Dry Covered	12,778	99.3	9	18	95	0.7	22	25
Dry Open	8,084	99.1	9	16	72	0.9	18	36
Lash / Seabee	897	100.0	9	23	0	-	-	-
Deck	5,108	97.7	8	23	119	2.3	16	22
Other Dry ³	98	72.1	9	26	38	27.9	16	20
Tank Barge (total)	3,745	93.1	9	24	279	6.9	22	23
Single Hull	474	82.0	9	34	104	18.0	20	27
Double Hull	2,720	96.9	10	21	88	3.1	24	14
Other Tank ⁴	551	86.4	9	26	87	13.6	21	27

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 2003

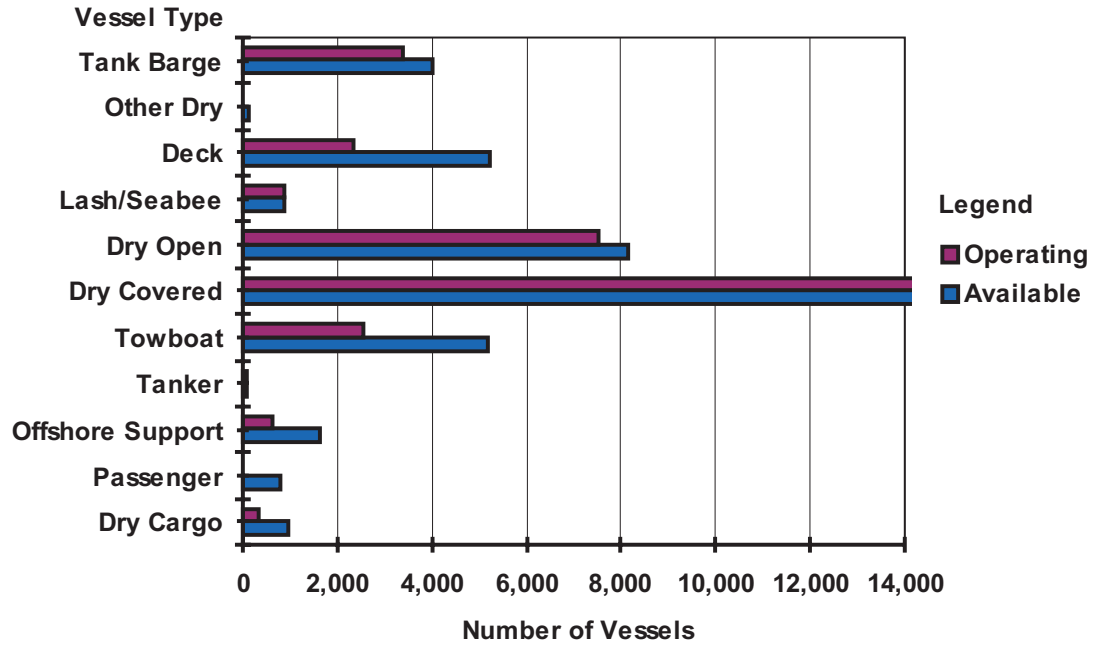


TABLE 13: SUMMARY OF THE UNITED STATES FLAG VESSELS: AVAILABLE VERSUS OPERATING¹ BY VESSEL TYPE FOR 2003

Vessel Type	Vessels Available (WTLUS)	Vessels Operating (VOR)	% Operating	Total Operating Vessel Companies ²
Vessels (total)	39,983	30,534	76.4	798
Self-Propelled Total³	8,648	3,667	42.4	657
Dry Cargo (total)	969	350	36.1	101
Dry Bulk	74	57	77.0	18
Containership	74	27	36.5	3
General Cargo	210	78	37.1	37
Specialized	611	188	30.8	56
Passenger	789	44	5.6	21
Offshore Support	1,609	618	38.4	122
Tanker	104	87	83.7	32
Towboat	5,172	2,568	49.7	554
Non-Self-Propelled (total)	31,335	26,867	85.7	400
Dry Barge (total)	27,304	23,498	86.1	284
Dry Covered	12,873	12,729	98.9	173
Dry Open	8,156	7,516	92.2	129
Lash / Seabee	897	858	95.7	3
Deck	5,232	2,342	44.8	191
Other Dry ⁴	146	52	35.6	25
Tank Barge (total)	4,031	3,369	83.6	170
Single Hull	578	377	65.2	83
Double Hull	2,809	2,522	89.8	125
Other Tank ⁵	644	470	73.0	89

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.

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