



U.S. Department of Transportation
Maritime Administration

Vessel Calls at U.S. Ports

2004



**Vessel Calls at U.S. Ports
2004**

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Contents

Preface	v
Notes and Sources	vii
Ports and Coastal Regions	ix

Tables

1. Vessel Calls at U.S. Ports, Calls, Capacity and Average DWT/TEU Per Call, 2000-2004	1
2. Foreign-Flag Vessel Calls at U.S. Ports, Calls, Capacity and Average DWT/TEU Per Call, 2000-2004	6
3. U.S.-Flag Vessel Calls at U.S. Ports, Calls, Capacity and Average DWT/TEU Per Call, 2000-2004	3
4. Vessel Calls at U.S. Ports by Coastal Region and Vessel Type, 2000-2004	4
5. Vessel Capacity Calling at U.S. Ports by Coastal Region and Vessel Type, 2000-2004	6
6. Top 20 U.S. Ports of Call by Vessel Type, Calls	8
7. Top 20 U.S. Ports of Call by Vessel Type, Capacity	11
8. Vessel Calls at World Ports by Vessel Type, 2002-2004	14
9. Top 20 World Ports of Call by Vessel Type, Calls	15
10. Top 20 World Ports of Call by Vessel Type, Capacity	18

Preface

The following report contains data on calls by oceangoing vessels of 10,000 DWT or greater at U.S. ports. The calls are presented in terms of vessels and vessel capacity (calls weighted by vessel deadweights (DWT)). For containerships, capacity is also expressed in terms of twenty-foot equivalent units (TEU). This report and additional data on calls and capacity for all U.S. ports are available at www.marad.dot.gov/marad_statistics.

Comments and recommendations as to the content and format of the report can be made at www.data.marad@marad.dot.gov. In addition, to learn more about the Maritime Administration or the Maritime industry visit the agency's website at www.marad.dot.gov.

Notes and Sources

Vessel Types

The vessel categories included in this report are:

Tanker: Petroleum Tankers, Chemical Tankers.

Product: 10,000 - 69,999 DWT.
Crude: >=70,000 DWT.

Container: Full Containerships, Refrigerated Container Carriers.

Dry Bulk: Bulk Vessels, Bulk Containerships, Cement Carriers, Ore Carriers, Wood-Chip Carriers.

Ro-Ro: Ro-Ro Vessels, Ro-Ro Containerships, Vehicle Carriers.

Gas Carrier: LNG Carriers, LNG/LPG Carriers, LPG Carriers.

Combination: Ore/Bulk/Oil Carriers, Bulk/Oil Carriers.

General Cargo: General Cargo Carriers, Partial Containerships, Refrigerated Ships, Barge Carriers, Livestock Carriers.

Capacity

Throughout the report, capacity is the sum of vessel calls weighted by vessel DWT. For example, in the following illustration for three vessels calling at port X, the capacity calling at that port would be 880,000 DWT capacity:

	Calls	DWT	Calls x DWT
Vessel A	10	25,000	250,000
Vessel B	15	30,000	450,000
Vessel C	12	15,000	180,000
Total	37		880,000

Similarly, for containership TEU capacities, it would be calls x vessel TEU capacity. A TEU is a nominal unit of measure equivalent to a 20' x 8' x 8' shipping container. TEU figures are shown in red italics throughout the report.

Growth Rates/Percents

Throughout the report, textual (but not table) references to percents and growth rates are rounded to whole numbers, e.g., 31 percent instead of 30.6 percent. Growth rates are calculated as $(\text{calls}_{2004} - \text{calls}_{2000}) \times 100 / \text{calls}_{2000}$, and similarly for capacity and vessel size. For capacity, growth rates are calculated using whole numbers.

Size Threshold

The report includes only oceangoing self-propelled vessels of 10,000 DWT or greater. In 2003, these vessels accounted for about 98 percent of the vessel capacity calling at U.S. ports.

Port Groupings

Starting with year 2000 source data, Columbia River ports, L.A./Long Beach, Philadelphia/Delaware River ports, New Orleans Ports, San Francisco Bay ports, and Virginia ports were reported on an individual basis. However, for historical consistency, year 2000-2004 calls at these ports are presented as totals for the respective groups. The following are the groupings:

Columbia River Ports: Astoria, Kalama, Longview, Portland, Rainier, Vancouver, Willbridge.

L.A./Long Beach: Long Beach, Los Angeles.

New Orleans Ports: Ama Anch., Arabi, Avondale, Baton Rouge, Belle Chasse, Boothville, Braithwaite, Burnside, Chalmette, Convent, Darrow, Davant, Destrehan, Donaldsonville, Empire, Garyville, Geismar, Good Hope, Gramercy, Gretna, Harvey, La Place, Magnolia, Marrero, Meraux, Michoud, Myrtle Grove, New Orleans, Norco, Ostrica Paulina, Pilottown, Plaquemine, Port Allen, Port Sulphur, Reserve, St. Bernard, St. James, St. Rose, Taft, Violet, Waggaman, Westwego.

Notes and Sources

Port Groupings - Cont.

Philadelphia/Delaware River Ports:

Burlington, NJ; Camden, NJ; Claymont, DE; Chester, PA; Delair, NJ; Delaware City, DE; Eddystone, PA; Fairless Hills, PA; Gloucester, NJ; Marcus Hook, PA; Paulsboro, NJ; Philadelphia, PA; Reedy Point, DE; Salem, NJ; Tullytown, PA; Westville, NJ; Wilmington, DE.

San Francisco Bay Ports: Alameda, Antioch, Benicia, Concord, Crockett, Martinez, Oakland, Pittsburg, Redwood City, Richmond, Rodeo, Sacramento, San Francisco, Stockton.

Virginia Ports: Chesapeake, Hampton Roads, Hopewell, Lynnhaven Roads, Newport News, Norfolk, Portsmouth, Richmond, Yorktown.

Coastal Regions

North Atlantic: All ports from Eastport, ME to Baltimore MD.

South Atlantic: All ports from Alexandria, VA to Miami, FL.

Puerto Rico

U.S. Gulf: All ports from Key West, FL to Brownsville, TX.

Pacific Northwest: All U.S. ports from Barrow, AK to Coos Bay, OR.

Pacific Southwest: All ports from Crockett, CA to San Diego, CA and all Hawaiian ports.

Sources

The port call and vessel data in this report are from Lloyd's Maritime Intelligence Unit (see below). The other sources provided information on related trends, e.g., U.S. oil imports.

Agricultural Marketing Service, Grain Transportation Report, Wash., D.C.: U.S. Department of Agriculture. This source contains inland dry cargo barge market data.

Clarkson Research Studies, Shipping Review & Outlook, spring 2005, London: Clarkson Research Studies, Spring 2004. This source contains data for world seaborne trade.

Energy Information Agency, Quarterly Coal Report, 1st Quarter 2005, Wash., DC: U.S. Department of Energy, June 2005. This source contains data on U.S. coal production and exports.

Energy Information Agency, Petroleum Supply Annual, 2004, Wash., DC: U.S. Department of Energy, June 2005. This source contains data on U.S. petroleum production and exports.

Lloyd's Maritime Intelligence Unit, Vessel Movements Data Files, 2000 - 2004, London: Lloyd's Maritime Intelligence Unit, 2000-2004. This source contains data for vessel port calls, ports and active fleets.

MDS Transmodal, Containership Databank on Disk, Chester, England: MDS Transmodal, February 2005. This source contains data on the global containership fleet, deployments, itineraries and joint services.

U.S. Maritime Administration, U.S. Foreign Waterborne Trade Data Banks, 2000-2004, Wash., DC: U.S. Maritime Administration, 1999-2004. This source contains detailed data for U.S. foreign waterborne trade.

U.S. Army Corps, Waterborne Commerce of the United States, detail files, 2000 - 2004, New Orleans: Waterborne Commerce Statistics Center, 1999-2004. This source contains detailed data for U.S. domestic waterborne trade.

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Ports and Coastal Regions

Port	Coastal Region	Port	Coastal Region
Afognak, AK	Pacific Northwest	LOOP Terminal, LA	U.S. Gulf
Albany, NY	North Atlantic	Manchester, WA	Pacific Northwest
Anacortes, WA	Pacific Northwest	March Point, WA	Pacific Northwest
Anchorage, AK	Pacific Northwest	Mayaguez, PR	Puerto Rico
Annapolis Anch., MD	North Atlantic	Miami, FL	South Atlantic
Baltimore, MD	North Atlantic	Mobile, AL	U.S. Gulf
Barbers Point, HI	Pacific Southwest	Montauk Light. Area, NY	North Atlantic
Beaumont, TX	U.S. Gulf	Morehead City, NC	South Atlantic
Bellingham, WA	Pacific Northwest	Nwailiwili, HI	Pacific Southwest
Boston, MA	North Atlantic	New Haven, CT	North Atlantic
Brayton Point, RI	North Atlantic	New London, CT	North Atlantic
Bremerton, WA	Pacific Northwest	New Orleans Ports, LA	U.S. Gulf
Bridgeport, CT	North Atlantic	New York, NY	North Atlantic
Brownsville, TX	U.S. Gulf	Newport, RI	North Atlantic
Brunswick, GA	South Atlantic	Nikiski, AK	Pacific Northwest
Buchanan, NY	North Atlantic	Northport, NY	North Atlantic
Bucksport, ME	North Atlantic	Northville, NY	North Atlantic
Camden, ME	North Atlantic	Olympia, WA	Pacific Northwest
Cantrel Field, LA	U.S. Gulf	Palm Beach, FL	South Atlantic
Cape Canaveral, FL	South Atlantic	Panama City, FL	U.S. Gulf
Ceiba, PR	Puerto Rico	Pascagoula, MS	U.S. Gulf
Cementon, NY	North Atlantic	Lightering Area, MS	U.S. Gulf
Charleston, SC	South Atlantic	Pensacola, FL	U.S. Gulf
Cherry Point, WA	Pacific Northwest	Phila/Del. River Ports, PA	North Atlantic
Columbia River Ports, OR	Pacific Northwest	Piney Point, MD	North Atlantic
Coos Bay, OR	Pacific Northwest	Point Comfort, TX	U.S. Gulf
Corpus Christi, TX	U.S. Gulf	Point Wells, WA	Pacific Northwest
Lightering Area, TX	U.S. Gulf	Ponce, PR	Puerto Rico
Cove Point, MD	North Atlantic	Port Allen, HI	Pacific Southwest
Davisville, RI	North Atlantic	Port Angeles, WA	Pacific Northwest
Drift River Terminal, AK	Pacific Northwest	Port Arthur, TX	U.S. Gulf
Edmonds, WA	Pacific Northwest	Port Canaveral, FL	South Atlantic
Dutch Harbor, AK	Pacific Northwest	Port Everglades, FL	South Atlantic
Eastport, ME	North Atlantic	Port Hueneme, CA	Pacific Southwest
El Segundo, CA	Pacific Southwest	Port Manatee, FL	U.S. Gulf
Everett, WA	Pacific Northwest	Port Royal, SC	South Atlantic
Fajardo, PR	Puerto Rico	Port Townsend, WA	Pacific Northwest
Fall River, MA	North Atlantic	Portland, ME	North Atlantic
Fernandina, FL	South Atlantic	Portsmouth, NH	North Atlantic
Ferndale, WA	Pacific Northwest	Providence, RI	North Atlantic
Fort Lauderdale, FL	South Atlantic	Ravena, NY	North Atlantic
Freeport, TX	U.S. Gulf	Red Dog, AK	Pacific Northwest
Lightering Area, TX	U.S. Gulf	Riverhead, NY	North Atlantic
Galveston, TX	U.S. Gulf	Roseton, NY	North Atlantic
Lightering Area, TX	U.S. Gulf	S. Calif. Light. Area, CA	Pacific Southwest
Georgetown, SC	South Atlantic	S. Sabine Light. Area, TX	U.S. Gulf
Groton, CT	North Atlantic	Sabine, TX	U.S. Gulf
Guayama, PR	Puerto Rico	Salem, MA	North Atlantic
Guayanilla, PR	Puerto Rico	San Diego, CA	Pacific Southwest
Gulfport, MS	U.S. Gulf	San Francisco Bay Ports, CA	Pacific Southwest
Hilo, HI	Pacific Southwest	San Juan, PR	Puerto Rico
Homer, AK	Pacific Northwest	Sandwich, MA	North Atlantic
Honolulu, HI	Pacific Southwest	Sandy Point, ME	North Atlantic
Houston, TX	U.S. Gulf	Savannah, GA	South Atlantic
Hydaburg, AK	Pacific Northwest	Searsport, ME	North Atlantic
Ingleside, TX	U.S. Gulf	Seattle, WA	Pacific Northwest
Jacksonville, FL	South Atlantic	Seward, AK	Pacific Northwest
Juneau, AK	Pacific Northwest	Skagway, AK	Pacific Northwest
Kahului, HI	Pacific Southwest	Somerset, MA	North Atlantic
Take, AK	Pacific Northwest	SW Pass Light. Area, LA	U.S. Gulf
Kawaihae, HI	Pacific Southwest	Stony Point, NY	North Atlantic
Kenai, AK	Pacific Northwest	Tacoma, WA	Pacific Northwest
Key West, FL	U.S. Gulf	Tampa, FL	U.S. Gulf
Kivalina, AK	Pacific Northwest	Texas City, TX	U.S. Gulf
Kodiak, AK	Pacific Northwest	Valdez, AK	Pacific Northwest
L.A./Long Beach, CA	Pacific Southwest	Virginia Ports, VA	South Atlantic
Lake Charles, LA	U.S. Gulf	West Palm Beach, FL	South Atlantic
Las Mareas, PR	Puerto Rico	Westport, WA	Pacific Northwest

Ports and Coastal Regions

Port

Wilmington, CA
Wilmington, NC
Yabucoa, PR

Coastal Region

Pacific Southwest
South Atlantic
Puerto Rico

Summary Tables

Vessel Calls at U.S. Ports, Calls, Capacity and Average DWT/ <i>TEU</i> Per Call, 2000-2004						
Vessel Type	2000	2001	2002	2003	2004	% Ch. 00-04
Calls						
Tanker	18,535	18,387	17,320	18,503	19,316	4.2
Double-Hull	8,742	9,568	10,045	11,903	12,925	47.8
Product	11,868	11,780	10,949	10,998	11,572	-2.5
Double-Hull	5,184	5,755	5,770	6,576	6,759	30.3
Crude	6,667	6,607	6,371	7,505	7,744	16.2
Double-Hull	3,558	3,813	4,275	5,327	6,166	73.3
Container	17,410	17,076	17,138	17,287	18,279	5.0
Dry Bulk	12,013	11,628	11,112	10,271	11,631	-3.2
Ro-Ro	5,542	5,712	5,632	5,191	5,317	-4.1
Vehicle	3,646	3,646	3,605	3,113	3,065	-15.9
Gas Carrier	708	739	739	926	916	29.4
Combination	856	770	761	666	459	-46.4
General Cargo	4,318	4,076	3,894	3,915	3,967	-8.1
All Types	59,382	58,388	56,596	56,759	59,885	0.8
Capacity (Million DWT/<i>TEU</i>)						
Tanker	1,252	1,274	1,202	1,339	1,365	9.0
Double-Hull	600	678	752	910	996	66.0
Product	437	443	406	416	436	-0.2
Double-Hull	177	208	208	244	261	47.5
Crude	816	831	797	924	929	13.8
Double-Hull	423	470	544	666	735	73.8
Container	658	677	722	746	797	21.1
<i>Container (TEU)</i>	<i>46</i>	<i>48</i>	<i>52</i>	<i>54</i>	<i>59</i>	<i>28.3</i>
Dry Bulk	501	490	476	438	500	-0.2
Ro-Ro	102	117	115	105	107	7.0
Vehicle	60	64	63	54	51	-15.0
Gas Carrier	22	25	24	35	36	63.6
Combination	77	68	64	56	39	-49.4
General Cargo	99	95	91	93	97	-2.0
All Types	2,711	2,746	2,695	2,813	2,942	8.5
Average DWT/<i>TEU</i> Per Call						
Tanker	67,551	69,313	69,412	72,387	70,690	4.6
Double-Hull	68,638	70,914	74,887	76,458	77,062	12.3
Product	36,780	37,612	37,050	37,790	37,684	2.5
Double-Hull	34,074	36,180	36,128	37,103	38,663	13.5
Crude	122,326	125,833	125,028	123,085	120,010	-1.9
Double-Hull	118,998	123,338	127,200	125,040	119,153	0.1
Container	37,784	39,656	42,158	43,168	43,610	15.4
<i>Container (TEU)</i>	<i>2,652</i>	<i>2,801</i>	<i>3,020</i>	<i>3,144</i>	<i>3,241</i>	<i>21.5</i>
Dry Bulk	41,694	42,142	42,876	42,685	42,972	3.1
Ro-Ro	18,456	20,445	20,376	20,270	20,190	9.4
Vehicle	16,438	17,579	17,528	17,496	16,708	1.6
Gas Carrier	31,397	33,438	32,099	37,818	39,145	24.7
Combination	89,462	87,873	84,459	84,016	84,699	-5.4
General Cargo	22,857	23,416	23,496	23,655	24,542	7.4
All Types	45,646	47,034	47,625	49,557	49,125	7.6

Table S-1

Summary Tables

Foreign-Flag Vessel Calls at U.S. Ports, Calls, Capacity and Average DWT/ <i>TEU</i> Per Call, 2000-2004						
Vessel Type	2000	2001	2002	2003	2004	% Ch. 00-04
Calls						
Tanker	14,432	14,378	13,771	14,744	15,725	9.0
Double-Hull	7,328	8,055	8,597	10,266	11,127	51.8
Product	8,936	8,919	8,519	8,629	9,113	2.0
Double-Hull	3,956	4,505	4,708	5,408	5,482	38.6
Crude	5,496	5,459	5,252	6,115	6,602	20.1
Double-Hull	3,372	3,550	3,889	4,858	5,645	67.4
Container	14,168	14,330	14,314	14,389	15,287	7.9
Dry Bulk	11,882	11,477	10,956	10,159	11,503	-3.2
Ro-Ro	4,574	4,811	4,738	4,238	4,238	-4.9
Vehicle	3,383	3,399	3,377	2,923	2,838	-7.3
Gas Carrier	708	739	739	926	916	29.4
Combination	856	770	761	666	459	-46.4
General Cargo	4,163	3,942	3,804	3,818	3,865	-7.2
All Types	50,783	50,447	49,083	48,940	51,993	2.4
Capacity (Million DWT/<i>TEU</i>)						
Tanker	984	1,006	956	1,066	1,117	13.5
Double-Hull	529	596	659	802	874	65.2
Product	317	326	305	319	337	6.3
Double-Hull	129	159	166	198	210	62.8
Crude	666	680	651	747	780	18.2
Double-Hull	400	437	493	603	664	66.0
Container	546	579	624	643	688	26.0
Container (<i>TEU</i>)	38	41	45	47	51	34.2
Dry Bulk	494	483	470	433	495	0.2
Ro-Ro	85	100	98	86	85	0
Vehicle	55	60	59	51	47	-14.5
Gas Carrier	22	25	24	35	36	63.6
Combination	77	68	64	56	39	-49.4
General Cargo	93	91	89	90	94	1.0
All Types	2,301	2,352	2,324	2,410	2,553	10.8
Average DWT/<i>TEU</i> Per Call						
Tanker	68,164	69,996	69,424	72,299	71,010	4.2
Double-Hull	72,178	73,944	76,690	78,075	78,558	8.8
Product	35,496	36,572	35,854	36,973	36,929	4.0
Double-Hull	32,519	35,278	35,311	36,630	38,363	18.0
Crude	121,278	124,605	123,876	122,147	118,106	-2.6
Double-Hull	118,705	123,011	126,784	124,211	117,592	-0.9
Container	38,534	40,402	43,585	44,720	44,987	18.7
Container (<i>TEU</i>)	2,695	2,845	3,121	3,256	3,340	23.0
Dry Bulk	41,600	42,152	42,862	42,649	42,996	3.4
Ro-Ro	18,528	20,810	20,735	20,408	20,094	8.5
Vehicle	16,313	17,584	17,494	17,527	16,606	1.8
Gas Carrier	31,397	33,438	32,099	37,818	39,145	24.7
Combination	89,462	87,873	84,459	84,016	84,699	-5.3
General Cargo	22,357	23,041	23,320	23,461	24,364	9.0
All Types	45,303	46,632	47,357	49,239	49,103	8.4

Table S-2

Summary Tables

U.S.-Flag Vessel Calls at U.S. Ports, Calls, Capacity and Average DWT/TEU Per Call, 2000-2004						
Flag/Vessel Type	2000	2001	2002	2003	2004	% Ch. 00-04
Calls						
Tanker	4,103	4,009	3,549	3,759	3,591	-12.5
Double-Hull	1,414	1,513	1,448	1,637	1,798	27.2
Product	2,932	2,861	2,430	2,369	2,459	-16.1
Double-Hull	1,228	1,250	1,062	1,168	1,277	4.0
Crude	1,171	1,148	1,119	1,390	1,142	-2.5
Double-Hull	186	263	386	469	521	180.1
Container	3,242	2,746	2,824	2,898	2,992	-7.7
Dry Bulk	131	151	156	112	128	-2.3
Ro-Ro	968	901	894	953	1,079	11.5
Vehicle	263	247	228	190	227	-13.7
Gas Carrier	0	0	0	0	0	0.0
Combination	0	0	0	0	0	0.0
General Cargo	155	134	90	97	102	-34.2
All Types	8,599	7,941	7,513	7,819	7,892	-8.2
Capacity (Million DWT/TEU)						
Tanker	268	268	246	273	249	-7.1
Double-Hull	71	83	93	109	122	71.8
Product	119	117	100	97	99	-16.8
Double-Hull	48	49	42	46	51	6.3
Crude	149	151	146	177	150	0.7
Double-Hull	23	34	51	63	71	208.7
Container	112	98	99	103	109	-2.7
Container (TEU)	8	7	7	8	8	0.0
Dry Bulk	7	6	7	5	5	-28.6
Ro-Ro	17	17	17	19	22	29.4
Vehicle	5	4	4	3	4	-20.0
Gas Carrier	0	0	0	0	0	0.0
Combination	0	0	0	0	0	0.0
General Cargo	6	5	3	3	3	-50.0
All Types	410	394	371	403	389	-4.3
Average DWT/TEU Per Call						
Tanker	65,395	66,862	69,364	72,732	69,285	5.9
Double-Hull	50,296	54,785	64,183	66,316	67,803	34.8
Product	40,692	40,855	41,244	40,767	40,496	-0.5
Double-Hull	39,085	39,431	39,753	39,290	39,954	2.2
Crude	127,246	131,677	130,432	127,210	131,020	29.7
Double-Hull	124,312	127,761	131,397	133,621	136,063	9.5
Container	34,509	35,764	34,926	35,462	36,576	6.0
Container (TEU)	2,468	2,571	2,510	2,589	2,736	10.9
Dry Bulk	50,155	41,354	43,885	45,926	40,890	-18.5
Ro-Ro	18,115	18,491	18,476	19,657	20,572	13.6
Vehicle	18,045	17,517	18,042	17,020	17,975	-0.4
Gas Carrier	0	0	0	0	0	0.0
Combination	0	0	0	0	0	0.0
General Cargo	36,288	34,451	30,897	31,260	31,299	-13.7
All Types	47,671	49,588	49,375	51,551	49,273	3.4

Table S-3

Summary Tables

Vessel Calls at U.S. Ports by Coastal Region and Vessel Type, 2000-2004						
Vessel Type/Region	2000	2001	2002	2003	2004	% Ch. 00-04
Tanker						
North Atlantic	3,533	3,682	3,122	3,679	3,801	7.6
South Atlantic	1,406	1,437	1,297	1,303	1,455	3.5
Puerto Rico	182	212	241	273	312	71.4
U.S. Gulf	9,462	9,155	8,798	9,370	10,125	7.0
Pacific Northwest	1,871	1,805	1,793	1,900	1,538	-17.8
Pacific Southwest	2,081	2,096	2,069	1,978	2,085	0.2
Total	18,535	18,387	17,320	18,503	19,316	4.2
Container						
North Atlantic	3,208	3,196	3,043	3,036	3,115	-2.9
South Atlantic	5,212	5,479	5,444	5,341	6,079	16.6
Puerto Rico	673	586	568	504	505	-25.0
U.S. Gulf	1,178	1,283	1,262	1,263	1,284	9.0
Pacific Northwest	1,898	1,705	1,787	1,875	1,855	-2.3
Pacific Southwest	5,241	4,827	5,034	5,268	5,441	3.8
Total	17,410	17,076	17,138	17,287	18,279	5.0
Dry Bulk						
North Atlantic	1,579	1,588	1,388	1,351	1,566	-0.8
South Atlantic	1,603	1,341	1,156	1,054	1,297	-19.1
Puerto Rico	116	91	85	126	72	-37.9
U.S. Gulf	5,104	4,793	4,983	4,837	4,959	-2.8
Pacific Northwest	1,998	2,420	2,111	1,479	2,267	13.5
Pacific Southwest	1,613	1,395	1,389	1,424	1,470	-8.9
Total	12,013	11,628	11,112	10,271	11,631	-3.2
Ro-Ro						
North Atlantic	1,479	1,786	1,804	1,577	1,542	4.3
South Atlantic	1,684	1,644	1,555	1,434	1,527	-9.3
Puerto Rico	228	200	167	243	204	-10.5
U.S. Gulf	446	449	431	398	370	-17.0
Pacific Northwest	789	773	792	679	593	-24.8
Pacific Southwest	916	860	883	860	1,081	18.0
Total	5,542	5,712	5,632	5,191	5,317	-4.1

Table S-4

Summary Tables

Vessel Calls at U.S. Ports by Coastal Region and Vessel Type, 2000-2004 - Cont.						
Vessel Type/Region	2000	2001	2002	2003	2004	% Ch. 00-04
Gas Carrier						
North Atlantic	74	75	73	122	161	117.6
South Atlantic	35	33	26	45	71	102.9
Puerto Rico	18	28	33	35	41	127.8
U.S. Gulf	470	493	514	624	548	16.6
Pacific Northwest	57	61	43	48	34	-40.4
Pacific Southwest	54	49	50	52	61	13.0
Total	708	739	739	926	916	29.4
Combination						
North Atlantic	217	251	234	216	108	-50.2
South Atlantic	92	71	69	48	73	-20.7
Puerto Rico	14	5	14	10	2	-85.7
U.S. Gulf	505	406	418	375	258	-48.9
Pacific Northwest	2	3	0	2	3	50.0
Pacific Southwest	26	34	26	15	15	-42.3
Total	856	770	761	666	459	-46.4
General Cargo						
North Atlantic	890	846	789	852	925	3.9
South Atlantic	907	800	828	703	802	-11.6
Puerto Rico	329	285	269	306	223	-32.2
U.S. Gulf	1,471	1,361	1,267	1,167	1,141	-22.4
Pacific Northwest	146	160	171	251	220	50.7
Pacific Southwest	575	624	570	636	656	14.1
Total	4,318	4,076	3,894	3,915	3,967	-8.1
All Types						
North Atlantic	10,980	11,424	10,453	10,833	11,218	2.2
South Atlantic	10,939	10,805	10,375	9,928	11,304	3.3
Puerto Rico	1,560	1,407	1,377	1,497	1,359	-12.9
U.S. Gulf	18,636	17,940	17,673	18,034	18,685	-0.3
Pacific Northwest	6,761	6,927	6,697	6,234	6,510	-3.7
Pacific Southwest	10,506	9,885	10,021	10,233	10,809	2.9
Total	59,382	58,388	56,596	56,759	59,885	0.8

Table S-4 -- Cont.

Summary Tables

Vessel Capacity Calling at U.S. Ports by Coastal Region and Vessel Type, 2000-2004						
(Thousand DWT/TEU)						
Vessel Type/Region	2000	2001	2002	2003	2004	% Ch. 00-04
Tanker						
North Atlantic	214,073	218,849	188,820	239,242	255,390	19.3
South Atlantic	57,782	59,243	53,201	55,298	63,843	10.5
Puerto Rico	7,766	9,325	11,267	13,123	16,120	107.6
U.S. Gulf	649,200	662,854	621,759	684,133	698,420	7.6
Pacific Northwest	158,765	158,030	155,389	176,978	151,484	-4.6
Pacific Southwest	164,470	166,151	171,777	170,595	180,183	9.6
Total	1,252,054	1,274,451	1,202,213	1,339,369	1,365,441	9.1
Container						
North Atlantic	118,974	118,536	124,692	130,401	133,006	11.8
South Atlantic	198,780	216,947	232,109	231,845	264,959	33.3
Puerto Rico	12,925	11,338	12,361	11,016	10,869	-15.9
U.S. Gulf	34,435	39,761	40,170	40,771	40,623	18.0
Pacific Northwest	76,231	75,230	81,326	84,963	86,731	13.8
Pacific Southwest	216,478	215,352	231,842	247,248	260,964	20.5
Total	657,822	677,164	722,500	746,244	797,154	21.2
Container (TEU)						
North Atlantic	8,099	8,066	8,688	9,323	9,598	18.5
South Atlantic	13,844	15,054	16,316	16,576	19,079	37.8
Puerto Rico	787	701	763	704	760	-3.4
U.S. Gulf	2,346	2,713	2,787	2,952	2,922	24.5
Pacific Northwest	5,563	5,534	6,053	6,397	6,825	22.7
Pacific Southwest	15,539	15,756	17,151	18,405	19,698	26.8
Total	46,179	47,824	51,757	54,356	58,882	27.5
Dry Bulk						
North Atlantic	60,149	62,986	58,404	54,914	65,944	9.6
South Atlantic	66,880	57,067	47,377	41,012	55,123	-1767
Puerto Rico	3,487	2,726	2,849	3,993	2,756	-21.0
U.S. Gulf	223,193	212,913	222,278	213,964	213,668	-4.3
Pacific Northwest	77,439	95,401	83,800	63,452	99,616	28.6
Pacific Southwest	69,717	58,931	61,730	61,081	62,705	-10.1
Total	500,864	490,024	476,438	438,416	499,812	-0.2
Ro-Ro						
North Atlantic	27,491	40,174	39,861	34,426	34,058	23.9
South Atlantic	32,598	34,484	32,474	28,415	31,143	-4.5
Puerto Rico	3,635	3,197	2,643	3,760	3,220	-11.4
U.S. Gulf	9,839	9,976	9,612	8,730	7,696	-21.8
Pacific Northwest	12,822	12,952	13,329	12,777	12,101	-5.6
Pacific Southwest	15,896	15,996	16,841	17,113	19,136	20.4
Total	102,281	116,780	114,760	105,222	107,355	5.0

Table S-5

Summary Tables

Vessel Capacity Calling at U.S. Ports by Coastal Region and Vessel Type, 2000-2004 - Cont.						
(Thousand DWT/TEU)						
Vessel Type/Region	2000	2001	2002	2003	2004	% Ch. 00-04
Gas Carrier						
North Atlantic	3,677	3,360	3,585	7,251	9,639	162.2
South Atlantic	1,208	1,258	1,009	2,226	3,923	224.8
Puerto Rico	467	549	848	1,044	1,012	116.8
U.S. Gulf	13,337	15,970	15,455	21,850	18,863	41.4
Pacific Northwest	2,488	2,504	1,839	1,790	1,046	-58.0
Pacific Southwest	1,054	1,070	985	858	1,375	30.5
Total	22,229	24,710	23,721	35,019	35,857	61.3
Combination						
North Atlantic	19,400	21,703	19,766	18,582	8,240	-57.5
South Atlantic	7,556	5,403	5,271	3,524	5,976	-20.9
Puerto Rico	1,010	357	789	857	156	-84.6
U.S. Gulf	46,643	37,913	36,581	31,743	23,274	-50.1
Pacific Northwest	96	135	0	103	140	45.4
Pacific Southwest	1,875	2,151	1,866	1,146	1,092	-41.8
Total	76,580	67,662	64,273	55,955	38,877	-49.2
General Cargo						
North Atlantic	16,669	16,679	15,447	15,713	18,661	12.0
South Atlantic	24,836	21,625	20,955	18,193	20,105	-19.0
Puerto Rico	4,951	3,528	3,585	4,084	2,966	-40.1
U.S. Gulf	33,386	32,166	29,901	28,044	28,492	-14.7
Pacific Northwest	4,670	5,337	6,510	9,566	8,845	89.4
Pacific Southwest	14,186	16,107	15,092	17,007	18,289	28.9
Total	98,698	95,442	91,492	92,607	97,358	-1.4
All Types						
North Atlantic	460,432	482,287	450,576	500,529	524,938	14.0
South Atlantic	389,639	396,027	392,397	380,513	445,073	14.2
Puerto Rico	34,240	31,019	34,341	37,877	37,099	8.4
U.S. Gulf	1,010,033	1,011,553	975,757	1,029,236	1,031,037	2.1
Pacific Northwest	332,511	349,589	342,193	349,628	359,962	8.3
Pacific Southwest	483,674	475,757	500,134	515,048	543,744	12.4
Total	2,710,529	2,746,233	2,695,398	2,812,832	2,941,853	8.5

Table S-5 -- Cont.

Summary Tables

Top 20 U.S. Ports of Call by Vessel Type, 2004					
(Vessel Calls)					
Vessel Type/Port	Calls	Percent of Total	Vessel Type/Port	Calls	Percent of Total
Tanker			Tanker, Crude		
Houston	2,989	15	Port Arthur	882	11
Phila/Del. River Ports	1,489	8	Houston	803	10
New York	1,337	7	Phila/Del. River Ports	723	9
Port Arthur	1,305	7	Texas City	550	7
New Orleans Ports	1,273	7	New Orleans Ports	513	7
Texas City	1,156	6	Valdez	395	5
LA/Long Beach	946	5	LA/Long Beach	370	5
Corpus Christi	721	4	Corpus Christi	332	4
San Francisco Bay Ports	633	3	New York	311	4
Freeport, TX	563	3	San Francisco Bay Ports	274	4
Valdez	465	2	LOOP Term.	266	3
Lake Charles	425	2	Freeport, TX	256	3
Port Everglades	396	2	Lake Charles	250	3
Portland, ME	328	2	Portland, ME	205	3
March Point	320	2	March Point	192	2
Tampa	297	2	Pascagoula	192	2
Jacksonville	293	2	Port Angeles	176	2
Pascagoula	277	1	Cherry Point	154	2
Point Comfort	267	1	El Segundo	136	2
LOOP Term.	266	1	Galveston Light. Area	117	2
Top 20 Ports	15,746	82	Top 20 Ports	7,097	92
All Ports	19,316	100	All Ports	7,744	100
Tanker, Product			Container		
Houston	2,186	19	LA/Long Beach	3,082	17
New York	1,026	9	New York	2,331	13
Phila/Del. River Ports	766	7	San Francisco Bay Ports	1,927	11
New Orleans Ports	760	7	Virginia Ports	1,717	9
Texas City	606	5	Charleston	1,481	8
LA/Long Beach	576	5	Savannah	1,227	7
Port Arthur	423	4	Miami	893	5
Corpus Christi	389	3	Houston	787	4
Port Everglades	387	3	Seattle	760	4
San Francisco Bay Ports	359	3	Tacoma	526	3
Freeport, TX	307	3	San Juan	498	3
Tampa	295	3	Honolulu	381	2
Jacksonville	292	3	Baltimore	372	2
Point Comfort	265	2	Port Everglades	362	2
Savannah	237	2	Phila/Del. River Ports	349	2
Wilmington, NC	218	2	New Orleans Ports	316	2
Lake Charles	175	2	Jacksonville	293	2
Charleston	143	1	Columbia River Ports	187	1
Baltimore	134	1	Dutch Harbor	169	1
Boston	133	1	Anchorage	112	1
Top 20 Ports	9,677	84	Top 20 Ports	17,769	97
All Ports	11,572	100	All Ports	18,279	100

Table S-6

Summary Tables

Top 20 U.S. Ports of Call by Vessel Type, 2004 - Cont.					
(Vessel Calls)					
Vessel Type/Port	Calls	Percent of Total	Vessel Type/Port	Percent of Total	
Dry Bulk			Gas Carrier		
New Orleans Ports	2,535	22	Houston	180	20
Columbia River Ports	1,610	14	New Orleans Ports	91	10
San Francisco Bay Ports	747	6	Tampa	89	10
Houston	745	6	Cove Point	72	8
LA/Long Beach	638	5	Savannah	57	6
Phila/Del. River Ports	438	4	Lake Charles	53	6
Virginia Ports	423	4	Freeport, TX	50	5
Baltimore	386	3	San Francisco Bay Ports	46	5
Tampa	370	3	Point Comfort	38	4
Mobile	355	3	Boston	31	3
New York	340	3	Port Arthur	23	3
Tacoma	276	2	Guayanilla	23	3
Seattle	242	2	Phila/Del. River Ports	19	2
Savannah	228	2	San Juan	17	2
Jacksonville	226	2	New York	14	2
Port Arthur	160	1	Portsmouth, NH	13	1
Corpus Christi	139	1	Virginia Ports	12	1
Charleston	128	1	Columbia River Ports	11	1
Port Everglades	114	1	Nikiski	11	1
Lake Charles	107	1	Honolulu	8	1
Top 20 Ports	10,207	88	Top 20 Ports	858	94
All Ports	11,631	100	All Ports	916	100
Ro-Ro			Combination		
Baltimore	677	13	Houston	87	19
New York	614	12	Corpus Christi	61	13
Jacksonville	551	10	Virginia Ports	59	13
LA/Long Beach	325	6	New York	53	12
Tacoma	292	5	New Orleans Ports	48	10
Miami	259	5	Mobile	20	4
Port Hueneme	209	4	Phila/Del. River Ports	17	4
San Francisco Bay Ports	206	4	Baltimore	16	3
San Juan	203	4	LA/Long Beach	12	3
Houston	199	4	Portland, ME	11	2
Charleston	189	4	Port Arthuer	11	2
Savannah	187	4	Texas City	8	2
Columbia River Ports	173	3	Port Everglades	6	1
Phila/Del. River Ports	171	3	Freeport, TX	5	1
Honolulu	155	3	Jacksonville	5	1
Virginia Ports	152	3	Lake Charles	5	1
San Diego	129	2	Annapolis Anch.	5	1
Port Everglades	108	2	Galveston	3	1
Anchorage	106	2	New Haven	3	1
Davisville	69	1	Columbia River Ports	3	1
Top 20 Ports	4,974	94	Top 20 Ports	438	95
All Ports	5,317	100	All Ports	459	100

Table S-6 -- Cont.

Summary Tables

Top 20 U.S. Ports of Call by Vessel Type, 2004 - Cont.					
(Vessel Calls)					
Vessel Type/Port	Calls	Percent of Total	Vessel Type/Port	Calls	Percent of Total
General Cargo			All Vessel Types		
Phila/Del. River Ports	426	11	Houston	5,309	9
Houston	322	8	LA/Long Beach	5,290	9
New Orleans Ports	297	7	New York	4,862	8
LA/Long Beach	280	7	New Orleans Ports	4,612	8
San Juan	216	5	San Francisco Bay Ports	3,760	6
San Francisco Bay Ports	198	5	Phila/Del. River Ports	2,909	5
Savannah	176	4	Virginia Ports	2,595	4
New York	173	4	Columbia River Ports	2,243	4
Baltimore	156	4	Savannah	2,117	4
Columbia River Ports	137	3	Charleston	2,037	3
Mobile	128	3	Baltimore	1,747	3
Port Hueneme	115	3	Port Arthuer	1,586	3
Wilmington, NC	114	3	Jacksonville	1,441	2
Virginia Ports	97	2	Miami	1,247	2
Charleston	93	2	Texas City	1,209	2
Port Arthur	79	2	Tacoma	1,186	2
Jacksonville	73	2	San Juan	1,080	2
Palm Beach	69	2	Seattle	1,061	2
Port Everglades	68	2	Port Everglades	1,055	2
Port Manatee	68	2	Corpus Christi	931	2
Top 20 Ports	3,285	83	Top 20 Ports	48,277	81
All Ports	3,967	100	All Ports	59,885	100

Table S-6 -- Cont.

Summary Tables

Top 20 U.S. Ports of Call by Vessel Type, 2004					
(Capacity, Thousand DWT/TEU)					
Vessel Type/Port	Capacity	Percent of Total	Vessel Type/Port	Capacity	Percent of Total
Tanker			Tanker, Crude		
Houston	148,440	11	Phila/Del. River Ports	96,325	10
Phila/Del. River Ports	125,801	9	Port Arthur	89,036	10
Port Arthur	105,490	8	Houston	78,839	9
New Orleans Ports	79,793	6	LOOP Term.	66,604	7
LA/Long Beach	78,968	6	Texas City	56,604	6
Texas City	76,775	6	LA/Long Beach	54,758	6
New York	72,982	5	New Orleans Ports	51,899	6
LOOP Term.	66,604	5	Valdez	50,825	5
Valdez	54,568	4	San Francisco Bay Ports	37,229	4
San Francisco Bay Ports	51,558	4	Corpus Christi	34,057	4
Corpus Christi	51,294	4	New York	30,821	3
Freeport, TX	35,318	3	Galveston Light. Area	26,296	3
Lake Charles	31,818	2	Freeport, TX	25,560	3
March Point	30,044	2	Lake Charles	24,657	3
Portland, ME	28,433	2	March Point	24,226	3
Galveston Light. Area	26,258	2	Portland, ME	23,630	3
El Segundo	24,657	2	Port Angeles	21,836	2
Port Angeles	24,248	2	El Segundo	19,791	2
Pascagoula	22,336	2	Pascagoula	19,124	2
Cherry Point	19,860	1	Cherry Point	18,585	2
Top 20 Ports	1,155,245	85	Top 20 Ports	851,603	92
All Ports	1,365,441	100	All Ports	929,360	100
Tanker, Product			Container		
Houston	68,600	16	LA/Long Beach	155,054	19
New York	42,161	10	New York	104,755	13
Phila/Del. River Ports	29,475	7	San Francisco Bay Ports	94,765	12
New Orleans Ports	27,894	6	Virginia Ports	76,424	10
LA/Long Beach	24,209	6	Charleston	66,099	8
Texas City	20,171	5	Savannah	60,653	8
Corpus Christi	17,237	4	Seattle	39,585	5
Port Everglades	16,801	4	Miami	38,278	5
Port Arthur	16,454	4	Houston	26,922	3
San Francisco Bay Ports	14,329	3	Tacoma	26,755	3
Jacksonville	12,562	3	Baltimore	14,845	2
Tampa	10,761	2	Port Everglades	11,610	1
Freeport, TX	9,758	2	New Orleans Ports	10,861	1
Savannah	9,376	2	Phila/Del. River Ports	10,773	1
Point Comfort	8,708	2	San Juan	10,723	1
Wilmington, NC	8,013	2	Honolulu	10,318	1
Lake Charles	7,162	2	Columbia River	9,224	1
Charleston	6,248	1	Jacksonville	8,703	1
March Point	5,818	1	Dutch Harbor	6,402	1
Boston	5,231	1	Boston	2,610	1
Top 20 Ports	360,970	83	Top 20 Ports	785,361	99
All Ports	436,080	100	All Ports	797,154	100

Table S-7

Summary Tables

Top 20 U.S. Ports of Call by Vessel Type, 2004 - Cont.				
(Capacity, Thousand DWT/TEU)				
Vessel Type/Port	Capacity	Percent of Total	Vessel Type/Port	Percent of Total
Container (TEU)			Ro-Ro	
LA/Long Beach	11,745	20	New York	15,218
New York	7,571	13	Baltimore	15,030
San Francisco Bay Ports	7,156	12	Jacksonville	9,288
Virginia Ports	5,481	9	Tacoma	5,920
Charleston	4,809	8	LA/Long Beach	5,885
Savannah	4,318	7	Virginia Ports	5,399
Seattle	3,057	5	Savannah	5,352
Miami	2,808	5	Miami	4,088
Tacoma	2,142	4	San Francisco Bay Ports	3,727
Houston	1,951	4	Houston	3,718
Baltimore	1,058	3	Charleston	3,577
Port Everglades	812	2	Port Hueneme	3,563
Phila/Del. River Ports	779	1	San Juan	3,197
New Orleans Ports	779	1	Anchorage	2,959
Honolulu	752	1	Honolulu	2,865
San Juan	749	1	Columbia River Ports	2,838
Columbia River Ports	735	1	Phila/Del. River Ports	2,631
Jacksonville	602	1	San Diego	2,035
Dutch Harbor	515	1	New Orleans Ports	1,895
Anchorage	198	1	Port Everglades	1,604
Top 20 Ports	58,018	99	Top 20 Ports	100,789
All Ports	58,882	100	All Ports	107,355
Dry Bulk			Gas Carrier	
New Orleans Ports	111,061	22	Houston	5,240
Columbia River Ports	66,005	13	Cove Point	5,162
San Francisco Bay Ports	30,188	6	Lake Charles	3,659
LA/Long Beach	28,746	6	Savannah	3,347
Houston	27,766	6	Tampa	3,139
Virginia Ports	22,802	5	New Orleans Ports	3,019
Mobile	19,719	4	Boston	2,216
Baltimore	19,216	4	Freeport, TX	1,548
Phila/Del. River Ports	16,978	3	Point Comfort	1,074
Tacoma	15,564	3	San Francisco Bay Ports	914
Tampa	14,056	3	Guayanilla	800
New York	12,533	3	Port Arthur	677
Seattle	12,502	3	Portsmouth, NH	586
Jacksonville	9,381	2	New York	537
Savannah	7,441	1	Phila/Del. River Ports	487
Port Arthur	6,346	1	Virginia Ports	469
Corpus Christi	5,595	1	Baltimore	380
Annapolis Anch	5,535	1	LA/Long Beach	351
Charleston	5,473	1	Nikiski	350
Lake Charles	4,910	1	Providence	270
Top 20 Ports	441,817	88	Top 20 Ports	34,223
All Ports	499,812	100	All Ports	35,857

Table S-7 - Cont.

Summary Tables

Top 20 U.S. Ports of Call by Vessel Type, 2004 - Cont.					
(Capacity, Thousand DWT/TEU)					
Vessel Type/Port	Capacity	Percent of Total	Vessel Type/Port	Capacity	Percent of Total
Combination			General Cargo		
Houston	8,644	22	LA/Long Beach	7,818	8.0
Corpus Christi	6,054	16	New Orleans Ports	7,338	7.5
Virginia Ports	5,192	13	Phila/Del. River Ports	7,290	7.5
New York	3,965	10	San Francisco Bay Ports	7,063	7.3
New Orleans Ports	3,768	10	Houston	7,006	7.2
Mobile	1,726	4	Columbia River Ports	5,554	5.7
Phila/Del. River Ports	1,405	4	Savannah	4,877	5.0
Baltimore	1,184	3	Mobile	4,133	4.2
Portland, ME	978	3	Wilmington, NC	3,996	4.1
LA/Long Beach	867	2	Baltimore	3,924	4.0
Port Arthur	779	2	New York	3,431	3.5
Texas City	617	2	Charleston	3,388	3.5
Freeport, TX	418	1	San Juan	2,689	2.8
Annapolis Anch	377	1	Port Arthur	2,615	2.7
Port Everglades	335	1	Seattle	1,919	2.0
Jacksonville	293	1	Virginia Ports	1,871	1.9
Lake Charles	287	1	Port Hueneme	1,704	1.8
San Francisco Bay Ports	225	1	Port Manatee	1,694	1.7
LOOP Term.	220	1	Jacksonville	1,457	1.5
Ingleside	206	1	Tampa	1,279	1.3
Top 20 Ports	37,541	97	Top 20 Ports	81,043	83.2
All Ports	38,877	100	All Ports	97,358	100.0
All Vessel Types					
LA/Long Beach	277,689	9.4			
Houston	227,735	7.7			
New Orleans Ports	217,735	7.4			
New York	213,422	7.3			
San Francisco Bay Ports	188,439	6.4			
Phila/Del. River Ports	165,364	5.6			
Virginia Ports	120,642	4.1			
Port Arthur	116,061	3.9			
Savannah	91,406	3.1			
Columbia River Ports	88,313	3.0			
Charleston	84,967	2.9			
Texas City	79,314	2.7			
LOOP Term.	66,836	2.3			
Corpus Christi	63,150	2.1			
Baltimore	59,556	2.0			
Valdez	54,568	1.9			
Seattle	54,421	1.8			
Tacoma	52,805	1.8			
Miami	44,792	1.5			
Jacksonville	41,792	1.4			
Top 20 Ports	2,308,600	78.5			
All Ports	2,941,853	100.0			

Table S-7 - Cont.

Summary Tables

Vessel Calls at World Ports, Calls, Capacity and Average DWT/TEU Per Call, 2002-2004				
Flag/Vessel Type	2002	2003	2004	% Ch. 02-04
Calls				
Tanker	117,097	124,154	134,043	14.4
Double-Hull	59,538	72,554	80,340	34.9
Product	81,757	84,982	90,517	10.7
Double-Hull	38,774	46,742	50,177	29.4
Crude	35,340	39,172	43,526	23.2
Double-Hull	20,764	25,812	30,163	45.3
Container	198,783	211,530	219,374	10.4
Dry Bulk	120,294	122,995	128,065	6.5
Ro-Ro	47,500	47,760	52,299	10.1
Vehicle	23,231	22,936	23,985	3.2
Gas Carrier	11,641	12,473	13,226	13.6
Combination	3,429	3,129	2,678	-21.9
General Cargo	53,434	54,865	55,424	3.7
All Types	552,178	576,906	605,109	9.6
Capacity (Million DWT/TEU)				
Tanker	7,693	8,382	9,171	19.2
Double-Hull	4,241	5,233	5,899	39.1
Product	2,510	2,600	2,787	11.0
Double-Hull	1,154	1,403	1,546	34.0
Crude	5,180	5,775	6,384	23.2
Double-Hull	3,084	3,823	4,348	41.0
Container	6,293	6,867	7,294	15.9
Container (TEU)	441	487	529	20.0
Dry Bulk	5,928	6,087	6,425	8.3
Ro-Ro	828	827	884	6.7
Vehicle	396	389	399	0.7
Gas Carrier	469	524	570	21.5
Combination	322	298	242	-24.8
General Cargo	1,022	1,061	1,077	5.4
All Types	22,555	24,045	25,662	13.8
Average DWT/TEU Per Call				
Tanker	65,696	67,509	68,416	4.1
Double-Hull	71,234	72,129	73,427	3.1
Product	30,696	30,595	30,787	0.3
Double-Hull	29,761	30,022	30,802	3.5
Crude	146,664	147,593	146,670	0.0
Double-Hull	148,680	148,378	144,335	2.9
Container	31,656	32,462	33,248	5.0
Container (TEU)	2,220	2,300	2,410	8.6
Dry Bulk	49,281	49,486	50,172	1.8
Ro-Ro	17,439	17,306	16,898	-3.1
Vehicle	17,038	16,969	16,652	-2.3
Gas Carrier	40,287	42,027	43,104	7.0
Combination	94,006	95,231	90,398	-3.8
General Cargo	19,124	19,339	19,427	1.6
All Types	40,848	41,678	42,409	3.8

Summary Tables

Top 20 World Ports of Call by Vessel Type, 2004

(Vessel Calls)

Vessel Type/Port	Calls	Percent of Total	Vessel Type/Port	Calls	Percent of Total
Tanker			Tanker, Crude		
Singapore	5731	4.3	Singapore	2,169	5.0
Rotterdam	3135	2.3	Rotterdam	924	2.1
Houston	2989	2.2	Ras Tanura	915	2.1
Philadelphia	1488	1.1	Port Arthur	882	2.0
New York	1337	1.0	Houston	803	1.8
Port Arthur	1305	1.0	Kharg Is.	750	1.7
New Orleans	1259	0.9	Sidi Kerir Term.	744	1.7
Texas City	1156	0.9	Juaymah Term.	733	1.7
Augusta	1059	0.8	Philadelphia	723	1.7
Milford Haven	1037	0.8	Cayo Arcas Term.	613	1.4
Yanbu	1033	0.8	Novorossiysk	599	1.4
Ras Tanura	1027	0.8	Texas City	550	1.3
Antwerp	990	0.7	New Orleans	510	1.2
Novorossiysk	987	0.7	Jebel Dhanna	459	1.1
Gibraltar	964	0.7	Ain Sukhna Term.	458	1.1
LA/Long Beach	946	0.7	Fos	415	1.0
Hong Kong	877	0.7	Primorsk	401	0.9
Pulau Bukom	848	0.6	Valdez	395	0.9
Skoldvik	801	0.6	LA/Long Beach	370	0.9
Kharg Is.	776	0.6	Trieste	358	0.8
Top 20 Ports	29,745	22.2	Top 20 Ports	13,771	31.6
All Ports	134,043	100.0	All Ports	43,526	100.0
Tanker, Product			Container		
Singapore	3,562	3.9	Hong Kong	15011	6.8
Rotterdam	2,211	2.4	Singapore	12667	5.8
Houston	2,186	2.4	Busan	6563	3.0
New York	1,026	1.1	Kaohsiung	5667	2.6
Antwerp	877	1.0	Port Klang	4436	2.0
Augusta	864	1.0	Shanghai	4198	1.9
Milford Haven	839	0.9	Yokohama	4010	1.8
Philadelphia	765	0.8	Tokyo	3817	1.7
New Orleans	749	0.8	Keelung	3716	1.7
Hong Kong	744	0.8	Rotterdam	3486	1.6
Skoldvik	716	0.8	Nagoya	3226	1.5
Yanbu	712	0.8	LA/Long Beach	3082	1.4
Amsterdam	673	0.7	Kobe	2970	1.4
Pulau Bukom	616	0.7	Antwerp	2909	1.3
Gibraltar	616	0.7	Hamburg	2625	1.2
Texas City	606	0.7	New York	2331	1.1
Santos	602	0.7	Laem Chabang	2246	1.0
Mumbai	592	0.7	Santos	2196	1.0
Jubail	576	0.6	Taichung	2147	1.0
Top 20 Ports	20,108	22.2	Top 20 Ports	89,432	40.8
All Ports	90,517	100.0	All Ports	219,374	100.0

Summary Tables

Top 20 World Ports of Call by Vessel Type, 2004 - Cont.

(Vessel Calls)

Vessel Type/Port	Calls	Percent of Total
Dry Bulk		
Singapore	5,415	4.2
New Orleans	2,533	2.0
Kaohsiung	1,775	1.4
Hong Kong	1,761	1.4
Gibraltar	1,736	1.4
Columbia River	1,610	1.3
Newcastle (Australia)	1,178	0.9
Taichung	1,136	0.9
Vancouver (Canada)	1,097	0.9
Richards Bay	1,077	0.8
Rotterdam	1,030	0.8
Gladstone	1,022	0.8
Hay Point	1,002	0.8
Santos	954	0.7
Incheon	881	0.7
San Lorenzo (Argentina)	870	0.7
Nagoya	779	0.6
Visakhapatnam	767	0.6
Tubarao	765	0.6
Busan	761	0.6
Top 20 Ports	28,149	22.0
All Ports	128,065	100.0

Vessel Type/Port	Calls	Percent of Total
Gas Carrier		
Arzew	717	5.4
Singapore	522	3.9
Bontang	431	3.3
Gibraltar	336	2.5
Chiba	303	2.3
Barcelona	236	1.8
Incheon	202	1.5
Juaymah Term.	195	1.5
Pyeongtaek	194	1.5
Lumut (Brunei)	189	1.4
Sakai	188	1.4
Yuzhnyy	187	1.4
Kawasaki	187	1.4
Kaohsiung	183	1.4
Houston	180	1.4
Haugesund	179	1.4
Ras Tanura	174	1.3
Ruwais	154	1.2
Bonny	152	1.1
Nagoya	150	1.1
Top 20 Ports	5,059	38.3
All Ports	13,226	100.0

Vessel Type/Port	Calls	Percent of Total
Ro-Ro		
Zeebrugge	2,131	4.1
Rotterdam	1,199	2.3
Yokohama	1,192	2.3
Lubeck	1,097	2.1
Singapore	1,058	2.0
Gothenburg	951	1.8
Nagoya	920	1.8
London	918	1.8
Immingham	889	1.7
Antwerp	866	1.7
Southampton	862	1.6
Bremerhaven	829	1.6
Leghorn	773	1.5
Baltimore	677	1.3
Barcelona	651	1.2
New York	614	1.2
Toyohashi	596	1.1
Tees	554	1.1
Jacksonville	551	1.1
Ulsan	538	1.0
Top 20 Ports	17,866	34.2
All Ports	52,299	100.0

Vessel Type/Port	Calls	Percent of Total
Combination		
Singapore	102	3.8
Gibraltar	98	3.7
Houston	87	3.2
Rotterdam	73	2.7
Corpus Christi	61	2.3
Virginia Ports	59	2.2
New York	53	2.0
Tubarao	49	1.8
New Orleans	48	1.8
Sao Sebastiao	45	1.7
Antwerp	43	1.6
Taranto	38	1.4
Ventspils	37	1.4
Arzew	35	1.3
Amsterdam	30	1.1
Ponta da Madeira	27	1.0
Bejaia	27	1.0
Mai-Liao	25	0.9
Marlin Field	25	0.9
Santa Marta	24	0.9
Top 20 Ports	986	36.8
All Ports	2,678	100.0

Summary Tables

Top 20 World Ports of Call by Vessel Type, 2004 - Cont.

(Vessel Calls)

Vessel Type/Port	Calls	Percent of Total	Vessel Type/Port	Calls	Percent of Total
General Cargo			All Vessel Types		
Singapore	2,026	3.7	Singapore	27,521	4.5
Antwerp	1,169	2.1	Hong Kong	18,812	3.1
Hong Kong	959	1.7	Rotterdam	9,445	1.6
Busan	652	1.2	Kaohsiung	8,973	1.5
Guayaquil	646	1.2	Busan	8,134	1.3
Kaohsiung	623	1.1	Antwerp	6,756	1.1
Durban	565	1.0	Yokohama	6,594	1.1
Shanghai	548	1.0	Shanghai	5,728	0.9
Yokohama	544	1.0	Nagoya	5,617	0.9
Jebel Ali	523	0.9	Port Klang	5,572	0.9
Rotterdam	498	0.9	Houston	5,309	0.9
Puerto Limon	488	0.9	LA/Long Beach	5,290	0.9
Nagoya	442	0.8	Keelung	4,918	0.8
Gibraltar	441	0.8	New York	4,862	0.8
Philadelphia	426	0.8	New Orleans	4,596	0.8
Osaka	400	0.7	Santos	4,565	0.8
Santos	393	0.7	Tokyo	4,238	0.7
Jakarta	391	0.7	Kobe	4,186	0.7
Port Klang	372	0.7	Hamburg	4,087	0.7
Puerto Bolivar (Ecuador)	359	0.6	Taichung	3,936	0.7
Top 20 Ports	12,465	22.5	Top 20 Ports	149,139	24.6
All Ports	55,424	100.0	All Ports	605,109	100.0

Summary Tables

Top 20 World Ports of Call by Vessel Type, 2004

(Capacity, Thousand DWT/TEU)

Vessel Type/Port	Calls	Percent of Total	Vessel Type/Port	Calls	Percent of Total
Tanker			Tanker, Crude		
Singapore	456,242	5.0	Singapore	337,239	5.3
Juaymah Terminal	216,234	2.4	Juaymah Terminal	216,197	3.4
Ras Tanura	195,474	2.1	Ras Tanura	189,988	3.0
Rotterdam	186,342	2.0	Kharg Island	167,093	2.6
Kharg Island	168,643	1.8	Sidi Kerir Terminal	134,497	2.1
Houston	148,440	1.6	Ain Sukhna Terminal	132,464	2.1
Sidi Kerir Terminal	134,588	1.5	Rotterdam	129,052	2.0
Ain Sukhna Terminal	132,464	1.4	Jebel Dhanna	105,486	1.7
Philadelphia	125,740	1.4	Philadelphia	96,325	1.5
Jebel Dhanna	105,701	1.2	Port Arthur	89,036	1.4
Port Arthur	105,490	1.1	Al Basra Terminal	80,185	1.3
Novorossiysk	91,680	1.0	Houston	79,839	1.3
Yanbu	85,939	0.9	Novorossiysk	74,932	1.2
Al Basra Terminal	80,198	0.9	LOOP Terminal	66,604	1.0
New Orleans	79,042	0.9	Cayo Arcas Terminal	65,340	1.0
Gibraltar	78,972	0.9	Mina al Fahal	61,827	1.0
LA/Long Beach	78,968	0.9	Yanbu	60,781	1.0
Texas City	76,775	0.8	Zirku Island	60,287	0.9
New York	72,982	0.8	Texas City	56,604	0.9
LOOP Terminal	66,604	0.7	Gibraltar	56,201	0.9
Total, Top 20 Ports	2,686,516	29.3	Total, Top 20 Ports	2,259,976	35.4
Total, All ports	9,170,680	100.0	Total, All Ports	6,383,967	100.0
Tanker, Product			Container		
Singapore	119,003	4.3	Hong Kong	571,944	7.8
Houston	68,600	2.5	Singapore	424,922	5.8
Rotterdam	57,290	2.1	Busan	236,610	3.2
New York	42,161	1.5	Kaohsiung	221,176	3.0
Philadelphia	29,415	1.1	Rotterdam	173,774	2.4
Hong Kong	28,205	1.0	LA/Long Beach	155,054	2.1
New Orleans	27,443	1.0	Port Klang	135,891	1.9
Yanbu	25,158	0.9	Shanghai	135,032	1.9
LA/Long Beach	24,209	0.9	Yantian	124,599	1.7
Hovensa	23,512	0.8	Hamburg	120,841	1.7
Antwerp	22,817	0.8	Antwerp	119,034	1.6
Gibraltar	22,771	0.8	Tokyo	118,186	1.6
Augusta	21,952	0.8	Yokohama	117,905	1.6
Coatzacoalcos	21,752	0.8	New York	104,755	1.4
Pulau Bukom	20,536	0.7	Kobe	103,259	1.4
Texas City	20,171	0.7	Nagoya	101,539	1.4
Mumbai	19,842	0.7	Le Havre	100,309	1.4
Jubail	19,488	0.7	San Francisco	94,765	1.3
Kaohsiung	19,069	0.7	Felixstowe	92,577	1.3
Ulsan	18,616	0.7	Shekou	86,902	1.2
Total, Top 20	652,010	23.4	Total, Top 20	3,339,073	45.8
Total, All Ports	2,786,713	100.0	Total, All Ports	7,293,697	100.0

Summary Tables

Top 20 World Ports of Call by Vessel Type, 2004

(Capacity, Thousand DWT/TEU)

Vessel Type/Port	Capacity	Percent of Total	Vessel Type/Port	Capacity	Percent of Total
Container (TEU)			Ro-Ro		
Hong Kong	42,578	8.1	Zeebrugge	31,985	3.6
Singapore	30,949	5.9	Yokohama	19,840	2.2
Busan	17,735	3.4	Antwerp	19,267	2.2
Kaohsiung	16,535	3.1	Singapore	17,608	2.0
Rotterdam	13,101	2.5	Rotterdam	16,948	1.9
LA/Long Beach	11,833	2.2	Bremerhaven	16,629	1.9
Shanghai	9,898	1.9	Gothenburg	15,548	1.8
Port Klang	9,865	1.9	New York	15,218	1.7
Yantian	9,697	1.8	Nagoya	15,125	1.7
Hamburg	9,303	1.8	Baltimore	15,030	1.7
Tokyo	8,682	1.6	Southampton	15,013	1.7
Antwerp	8,629	1.6	London	13,363	1.5
Yokohama	8,550	1.6	Lubeck	12,209	1.4
New York	7,603	1.4	Immingham	11,051	1.3
Kobe	7,557	1.4	Leghorn	10,806	1.2
Nagoya	7,505	1.4	Toyohashi	10,573	1.2
Le Havre	7,498	1.4	Barcelona	10,422	1.2
San Francisco	7,244	1.4	Jacksonville	9,288	1.1
Felixstowe	6,861	1.3	Ulsan	9,120	1.0
Shekou	6,489	1.2	Abidjan	8,021	0.9
Total, Top 20 Ports	248,113	46.9	Total, Top 20 Ports	293,064	33.2
Total, All Ports	528,628	100.0	Total, All Ports	883,767	100.0
Dry Bulk			Gas Carrier		
Singapore	316,705	4.9	Arzew	28,435	5.0
New Orleans	111,003	1.7	Singapore	25,388	4.5
Rotterdam	99,702	1.6	Bontang	24,335	4.3
Gibraltar	99,383	1.5	Chiba	17,774	3.1
Newcastle(AUS)	97,437	1.5	Gibraltar	16,446	2.9
Hay Point	96,381	1.5	Incheon	13,839	2.4
Tubarao	88,596	1.4	Pyeongtaek	13,622	2.4
Richards Bay	85,709	1.3	Sakai	11,636	2.0
Port Hedland	82,638	1.3	Kawasaki	10,959	1.9
Kaohsiung	79,466	1.2	Kaohsiung	10,879	1.9
Gladstone	77,536	1.2	Bonny	10,639	1.9
Ponta da Madeira	72,786	1.1	Juaymah Term.	9,793	1.7
Dampier	66,886	1.0	Bintulu	9,698	1.7
Columbia River	66,005	1.0	Lumut(Brunei)	9,614	1.7
Hong Kong	63,583	1.0	Nagoya	9,520	1.7
Vancouver(CAN)	60,771	0.9	Kisarazu	8,660	1.5
Gwangyang	58,437	0.9	Dampier	8,645	1.5
Port Walcott	57,486	0.9	Ras Laffan	8,570	1.5
Nagoya	52,426	0.8	Yokohama	8,522	1.5
Pohang	51,901	0.8	Barcelona	8,369	1.5
Total, Top 20 Ports	1,784,838	27.8	Total, Top 20 Ports	265,342	46.5
Total, All ports	6,425,406	100.0	Total, All ports	570,088	100.0

Summary Tables

Top 20 World Ports of Call by Vessel Type, 2004

(Capacity, Thousand DWT/TEU)

Vessel Type/Port	Calls	Percent of Total	Vessel Type/Port	Calls	Percent of Total
General Cargo			All Vessel Types		
Singapore	37,047	3.4	Singapore	1,288,391	5.0
Antwerp	22,727	2.1	Hong Kong	700,766	2.7
Hong Kong	18,767	1.7	Rotterdam	498,164	1.9
Busan	12,362	1.1	Kaohsiung	369,703	1.4
Kaohsiung	12,329	1.1	Busan	287,731	1.1
Shanghai	12,005	1.1	LA/Long Beach	277,689	1.1
Yokohama	11,244	1.0	Antwerp	233,797	0.9
Durban	10,831	1.0	Houston	227,735	0.9
Jebel Ali	10,636	1.0	Juaymah Term.	226,134	0.9
Rotterdam	10,162	0.9	New Orleans	216,926	0.8
Vancouver(CAN)	9,954	0.9	Gibraltar	214,237	0.8
Santos	9,461	0.9	New York	213,422	0.8
Nagoya	9,144	0.8	Shanghai	202,329	0.8
Guayaquil	8,904	0.8	Ras Tanura	201,015	0.8
Osaka	8,838	0.8	Nagoya	200,091	0.8
LA/Long Beach	7,818	0.7	Yokohama	198,349	0.8
New Orleans	7,338	0.7	San Francisco	188,439	0.7
Jakarta	7,325	0.7	Hamburg	180,468	0.7
Philadelphia	7,290	0.7	Le Havre	173,539	0.7
Gibraltar	7,165	0.7	Kharg Is.	168,715	0.7
Total, Top 20 Ports	241,347	22.4	Total, Top 20 Ports	6,267,639	24.4
Total, All ports	1,076,712	100.0	Total, All Ports	25,662,435	100.0