20.—WATERWAYS, WATER TRAFFIC, AND SHIPPING

[Data in this section cover the following areas unless otherwise indicated: From Board of Engineers of the United States Army and Bureau of Foreign and Domestic Commerce, United States customs area which includes Alaska, Hawaii, and Puerto Rico, and, beginning Jan. 1, 1935, Virgin Islands; from United States Shipping Board, continental United States]

General note as to units of measurement.—"Cargo tonnage" represents weight of cargo in long tons (2,240 pounds) or short tons (2,000 pounds). All other tonnage figures refer to capacity of vessels. The terms gross and net tonnage refer to space measurement, 100 cubic feet being called 1 ton. Gross tonnage is the capacity of the entire space within the frames and the ceiling of the hull, together with those closed-in spaces above deck available for cargo, stores, passengers or crew, with certain minor exemptions. Net or registered tonnage is what remains after deducting from the gross tonnage the spaces occupied by the propelling machinery, fuel, crew quarters, master's cabin, and navigation spaces. It represents substantially space available for cargo and passengers. The net tonnage capacity of a ship recorded as "entered with cargo" may bear little relation to actual weight of cargo. Dead-weight tonnage is the weight in long tons required to depress a vessel from light water line (that is, with only the machinery and equipment on board) to load line. It is therefore the weight of the cargo, fuel, etc., which a vessel is designed to carry with safety. Displacement tonnage (naval vessels) has reference to weight of the vessel itself with its normal equipment, fuel, etc.

No. 467.—CARGO TONNAGE OF WATER-BORNE COMMERCE OF THE UNITED STATES

[In thousands of short tons of 2,000 pounds]

	1930	1931	1932	1933	1934	1935
Foreign commerce, total	**114,110**	**89,526**	**70,429**	**69,467**	**77,898**	**81,640**
Imports, through seaports	46,448	37,375	29,843	27,671	30,553	33,943
Exports, through seaports	48,148	38,841	30,039	31,197	33,570	33,922
Imports, Great Lakes ports	7,590	4,016	3,072	3,034	4,287	4,716
Exports, Great Lakes ports	11,924	9,294	7,475	7,565	9,488	9,059
Domestic commerce, unadjusted total	**477,220**	**403,918**	**319,870**	**377,777**	**403,027**	**461,632**
Coastwise, between ports	117,821	113,949	94,434	110,346	113,240	115,442
Great Lakes, between ports	109,791	71,788	39,544	69,240	71,795	83,748
Local traffic of seaports and Great Lakes ports [1]	81,403	70,814	57,929	57,993	64,744	80,474
Traffic between seaports and river points	35,601	34,044	24,134	23,244	31,179	31,829
Traffic on rivers, canals, and connecting channels [2]	132,604	113,323	103,829	116,954	122,069	150,139
Foreign and domestic, unadjusted total	**591,330**	**493,444**	**390,299**	**447,244**	**480,925**	**543,271**
Deduction of duplications:						
Traffic between seaports and river points	35,601	34,044	24,134	23,244	31,179	31,829
Other duplications (canals, etc.) [3]	35,449	13,752	23,676	29,896	35,438	58,111
Net total, foreign and domestic	**520,280**	**445,648**	**342,489**	**394,104**	**414,308**	**453,331**
Approximate net total, domestic [4]	**406,170**	**356,122**	**272,060**	**324,637**	**336,410**	**371,692**

[1] Includes the following, with figures for 1935: Harbor traffic of New York, Philadelphia, and San Francisco (36,272,000 tons); local traffic of other seaports (38,594,000); local traffic of lake ports (5,608,000).

[2] Excluding St. Marys Falls Canal traffic (48,293,000 tons in 1935) and additional Detroit River traffic (27,486,000 tons in 1935), both of which are already counted in Great Lakes traffic; also excluding duplications relating to rivers and canals themselves.

[3] Principally coastwise and lake traffic passing through canals and connecting channels, other than the St. Marys Falls Canal and the Detroit River.

[4] Estimated from data in this table on the assumption that all the duplications deducted from the grand total represent duplications in domestic traffic; there are, however, some minor cases of duplication connected with foreign traffic.

Source: Board of Engineers for Rivers and Harbors.

No. 468.—COMMERCE OF PRINCIPAL UNITED STATES OCEAN PORTS, 1935

NOTE.—**In thousands of short tons of 2,000 pounds.** In addition to the commerce here shown, many of the ports have (1) commerce with ports on internal rivers and canals; (2) purely local port traffic, including in the case of New York, Philadelphia, and San Francisco, what is called intraport traffic between parts of a harbor for which separate statistics are maintained. These forms of traffic, although the aggregate tonnage is large, are of much less economic importance than foreign and coastwise traffic

Port	Imports	Exports	Coastwise Receipts	Coastwise Shipments
Grand total	**33, 942**	**33, 922**	**118,231**	**112, 653**
Atlantic ports	**26, 175**	**10, 463**	**81, 690**	**37, 488**
Searsport, Maine	5	11	414	91
Portland, Maine	329	50	2, 046	361
Portsmouth, N. H.	29	7	281	1
BostonHarbor, Mass.	2, 693	330	11, 273	1, 209
Beverly, Mass.	28	-------	562	34
Salem, Mass.	(1)	-------	411	(1)
Lynn, Mass.	75	-------	310	-------
New Bedford and Fairhaven, Mass.	2	(1)	609	31
Fall River, Mass.	51	-------	1, 324	511
Providence, R. I.	352	18	3, 991	584
New London, Conn.	18	-------	460	64
New Haven, Conn.	23	-------	2, 155	369
Bridgeport, Conn.	14	-------	1, 157	98
Stamford, Conn.	-------	-------	280	49
New York Harbor, N. Y.	11, 685	5, 771	26, 361	7, 032
Albany, N. Y.	697	109	738	232
Hempstead, N. Y.	-------	-------	249	-------
Philadelphia, Pa.[2]	4, 291	1, 417	14, 783	5, 418
Baltimore, Md.	3, 350	586	4, 499	1, 822
Hampton Roads, Va.	853	1, 052	1, 977	16, 763
Wilmington, N. C.	147	23	909	-------
Charleston Harbor, S. C.[3]	467	215	982	134
Savannah, Ga.	436	375	1, 297	546
Brunswick, Ga.	18	42	236	184
Jacksonville, Fla.	176	279	1, 380	793
Miami, Fla.	23	37	549	128
Key West, Fla.	1	7	68	3
San Juan, P. R.	202	16	430	317
Ponce Harbor, P. R.	51	(1)	107	179
Gulf ports	**4, 649**	**13, 508**	**10, 215**	**52, 363**
Charlotte, Fla.	-------	208	4	320
Tampa, Fla.	92	1, 103	1, 000	993
Pensacola, Fla.	71	244	202	47
Mobile, Ala.	312	655	1, 129	471
Gulfport, Miss.	63	95	9	3
New Orleans, La.	2, 613	1, 785	3, 204	2, 911
Gulf ports—Con.				
Baton Rouge, La.	131	455	31	2, 815
Lake Charles, La.	23	305	25	1, 749
Galveston, Tex.	221	706	481	1, 013
Texas City, Tex.	32	65	241	3, 673
Houston, Tex.	909	3, 393	1, 109	12, 983
Freeport, Tex.	-------	133	-------	146
Port Aransas, Tex.	-------	-------	-------	1, 008
Sabine, Tex.	-------	-------	-------	398
Port Arthur, Tex.	2	2, 585	1, 447	10, 473
Beaumont, Tex.	150	1, 323	1, 024	12, 600
Corpus Christi, Tex.	4	364	164	619
Pacific ports	**3, 118**	**9, 951**	**26, 327**	**22, 801**
San Diego, Calif.	48	10	498	28
Los Angeles, Calif.	755	4, 092	3, 946	5, 057
San Luis Obispo, Calif.	-------	675	4	1, 695
San Francisco Bay, Calif.	914	2, 389	9, 481	5, 281
Monterey, Calif.	-------	-------	55	76
Humboldt, Calif.	-------	26	131	149
Long Beach, Calif.	69	437	1, 186	1, 195
Coos Bay, Oreg.	-------	209	45	253
Portland, Oreg.	169	478	2, 964	1, 046
Other ports on Columbia and Willamette Rivers	5	69	148	329
Longview, Wash.	2	88	77	439
Grays Harbor, Wash.	-------	260	160	300
Port Gamble, Wash.	-------	6	13	228
Olympia, Wash.	3	78	249	234
Tacoma, Wash.	408	301	637	716
Seattle, Wash.	365	409	3, 278	1, 380
Everett, Wash.	43	62	107	377
Anacortes, Wash.	37	29	47	54
Bellingham, Wash.	22	82	95	307
Port Angeles, Wash.	93	51	145	251
Port Townsend, Wash.	73	-------	376	71
Port Ludlow, Wash.	-------	5	5	201
Ketchikan, Alaska	1	1	57	37
Honolulu, Hawaii	55	14	1, 272	772
Kahului, Hawaii	2	1	164	228
Hilo, Hawaii	12	-------	167	239

[1] Less than 500 tons.
[2] Including Delaware and Schuylkill Rivers, Pa.
[3] Including Ashley River.

Source: Annual Report of the Chief of Engineers, United States Army

No. 469.—GREAT LAKES, COMMERCE OF THE PRINCIPAL PORTS

NOTE.—**In thousands of short tons of 2,000 pounds.** Foreign imports and exports and coastwise receipts and shipments are included

Port	Receipts 1932	Receipts 1933	Receipts 1934	Receipts 1935	Shipments 1932	Shipments 1933	Shipments 1934	Shipments 1935
Total	42, 484	72, 230	75, 341	88, 522	47, 151	76, 849	82, 023	92, 749
Agate Bay, Minn.	7	65	80	72	460	3, 878	3, 584	3, 622
Alpena, Mich.	133	144	143	145	1, 763	2, 146	1, 178	2, 003
Ashland, Wis.	337	287	319	229	756	2, 689	2, 561	3, 437
Ashtabula, Ohio	406	2, 338	1, 961	3, 305	3, 460	3, 382	4, 387	4, 309
Buffalo, N. Y.	6, 716	9, 223	8, 902	10, 152	2, 016	2, 003	2, 230	2, 702

No. 469.—Great Lakes, Commerce of the Principal Ports—Continued

Port	Receipts				Shipments			
	1932	1933	1934	1935	1932	1933	1934	1935
Calcite, Mich	24	169	55	62	1,323	2,643	3,208	3,868
Charlotte, N. Y. (Rochester)	74	63	56	147	503	427	446	409
Chicago, Ill.[1]	2,741	5,977	6,098	8,349	2,112	1,935	1,509	866
Cleveland, Ohio	2,230	6,929	5,968	8,346	1,929	2,673	2,627	2,545
Conneaut, Ohio	369	3,146	3,691	3,868	832	1,211	1,828	2,065
Detroit, Mich[2]	6,218	7,659	8,293	10,676	687	1,290	1,069	1,288
Duluth-Superior	6,615	7,251	9,228	8,170	3,904	15,328	16,322	21,015
Erie, Pa	306	1,405	1,555	1,573	1,753	2,336	2,432	2,032
Escanaba, Mich	119	204	279	237	368	1,833	1,713	2,023
Fairport, Ohio	674	2,214	1,555	1,791	1,052	987	937	658
Frankfort, Mich	656	467	557	621	375	324	339	417
Gary, Ind	379	2,701	3,211	5,918	58	55	24	14
Grand Haven, Mich	242	204	89	60	595	214	65	69
Green Bay, Wis	1,197	1,536	1,593	1,581	18	19	25	7
Huron, Ohio	205	583	448	842	569	617	656	365
Indiana Harbor, Ind	838	2,275	3,520	3,855	1,478	1,319	1,750	2,225
Kewaunee, Wis	151	119	112	181	149	169	198	215
Lorain, Ohio	772	2,870	2,705	2,731	981	1,143	1,088	1,246
Ludington, Mich	540	699	742	685	872	901	830	794
Manistique, Mich	50	48	62	66	61	81	103	121
Manitowoc, Wis	801	821	782	831	514	404	441	457
Marquette Harbor, Mich	99	149	152	189	137	467	696	668
Marquette Bay, Mich	----------	----------	----------	----------	200	2,194	1,748	----------
Menominee, Mich. and Wis	338	508	544	536	108	111	119	139
Milwaukee, Wis	4,185	4,826	4,837	4,615	1,044	1,503	1,194	1,217
Muskegon, Mich	285	539	785	964	313	179	333	397
Ogdensburg, N. Y	409	386	475	367	323	190	232	180
Oswego, N. Y	117	260	145	112	162	169	209	171
Port Huron, Mich	526	538	439	467	2	7	7	1
Port Inland Harbor, Mich	----------	----------	----------	2	230	920	1,000	1,598
Rockport, Mich	6	5	----------	----------	168	202	234	657
Saginaw River, Mich	441	731	865	1,128	366	308	506	677
Sandusky, Ohio	62	12	3	4	4,644	6,114	6,281	6,662
Sault Ste. Marie, Mich	320	405	541	567	1	9	20	37
Sheboygan, Wis	468	449	414	380	12	7	2	1
Sturgeon Bay, Wis	23	12	24	19	198	78	178	70
Toledo, Ohio	1,035	1,865	2,107	2,537	9,697	12,984	16,142	16,988
All other	1,370	2,148	2,006	2,142	958	1,400	1,572	4,514

[1] Includes Chicago Harbor, Chicago River and Calumet Harbor.
[2] Includes Rouge River and Wyandotte, Michigan.

Source: Annual Report of the Chief of Engineers, United States Army.

No. 470.—NEW YORK STATE CANALS: Tonnage of Freight Moved

Note.—**In short tons of 2,000 pounds.** Tonnage handled over State terminals but not moved through any portion of the canal channel is not included

Yearly average	All canals	Erie division, freight originating	Yearly average or year	All canals	Erie division, freight originating			
					Total	Grain	Sand, gravel, stone	Petroleum
1837–1840	1,339,016	771,741	1911–1915	2,448,837	1,626,451	----------	----------	----------
1841–1845	1,613,317	884,522	1916–1920	1,348,365	798,706	----------	----------	----------
1846–1850	2,781,410	1,556,696	1921–1925	1,905,291	1,548,408	630,453	333,250	191,406
1851–1855	3,976,501	2,141,476	1926–1930	2,904,575	2,397,042	933,602	282,649	397,328
1856–1860	3,911,407	1,889,759	1931–1935	4,014,269	3,516,522	923,230	105,677	1,202,495
1861–1865	5,049,341	2,743,929	1928	3,089,998	2,535,684	1,118,788	307,642	343,593
1866–1870	5,987,724	3,018,359	1929	2,876,160	2,422,204	810,385	229,047	398,831
1871–1875	5,974,097	3,326,073	1930	3,605,457	3,044,271	1,152,200	264,292	653,399
1876–1880	5,219,888	3,542,020	1931	3,722,012	3,277,936	1,149,471	202,978	781,867
1881–1885	5,210,389	3,495,590	1932	3,643,433	3,186,094	1,039,698	130,674	880,095
1886–1890	5,281,441	3,589,631	1933	4,074,002	3,574,951	705,950	94,182	1,239,632
1891–1895	4,112,061	2,962,528	1934	4,142,728	3,645,125	883,510	35,483	1,513,020
1896–1900	3,544,951	2,446,065	1935	4,489,172	3,898,506	837,520	65,066	1,597,863
1901–1905	3,335,210	2,144,492	1936	5,014,206	4,220,397	615,193	81,581	1,933,585
1906–1910	3,238,129	2,206,595						

Source: Commissioner of Canals and Waterways, Department of Public Works, State of New York.

No. 471.—ST. MARYS FALLS CANAL (SAULT STE. MARIE): General Traffic Statistics

Note.—Includes both American and Canadian canals and traffic to and from Canadian as well as American ports. Average distances, ton-miles, freight charges, etc., are based on total haul from port of origin to port of destination in process of performance by vessels passing through the canals

Season	Freight carried (1,000 short tons of 2,000 pounds)					Total ton-miles (millions)	Freight charges		Valuation of freight (millions of dollars)
	Total	Eastbound	Westbound	By American vessels	By Canadian and other foreign vessels		Amount (1,000 dollars)	Average per ton per mile (mills)	
1890	9,041	6,429	2,612	8,679	362	7,207	9,472	1.30	102
1895	15,063	12,030	3,033	14,497	566	12,503	14,239	1.14	160
1900	25,643	20,532	5,111	24,896	747	21,179	24,953	1.18	267
1905	44,271	36,779	7,492	42,061	2,210	36,893	31,421	.85	417
1910	62,363	47,134	15,229	58,569	3,794	52,406	38,711	.74	654
1915	71,290	56,369	14,921	66,877	4,413	59,317	41,984	.71	882
1920	79,282	63,464	15,818	74,866	4,416	64,702	85,742	1.33	1,120
1922	66,067	55,020	11,047	60,812	5,255	53,564	64,154	1.20	957
1923	91,380	71,236	20,144	83,795	7,585	73,218	80,843	1.10	1,026
1924	72,037	56,840	15,197	65,447	6,590	58,579	59,769	1.02	1,080
1925	81,875	67,305	14,570	75,764	6,111	65,577	71,093	1.08	1,118
1926	85,679	69,530	16,149	78,006	7,673	69,360	78,517	1.13	1,064
1927	83,354	64,393	18,961	76,091	7,264	67,387	69,331	1.03	1,132
1928	86,993	70,166	16,827	78,072	8,921	70,259	81,281	1.16	1,183
1929	92,622	74,840	17,782	85,839	6,783	74,881	80,268	1.07	1,000
1930	72,898	57,067	15,831	67,560	5,338	59,058	61,159	1.04	761
1931	44,614	32,687	11,927	38,554	6,060	36,342	37,030	1.02	522
1932	20,481	11,822	8,659	14,274	6,207	17,091	16,063	.94	355
1933	40,308	30,544	9,764	33,967	6,340	33,139	33,807	1.02	534
1934	42,248	30,455	11,793	36,218	6,030	34,412	35,153	1.02	620
1935	48,293	37,192	11,101	41,532	6,761	39,141	41,783	1.07	688
1936	69,529	54,843	14,686	61,185	8,344	56,322	58,963	1.05	800

	1910	1915	1920	1925	1930	1935	1936
Passengers carried ... number	66,933	50,336	68,451	56,956	45,303	32,937	40,785
Freight, eastbound ... 1,000 tons[1]	47,134	56,369	63,464	67,305	57,087	37,102	54,843
Flour ... 1,000 bbls	7,576	8,437	7,478	9,289	8,532	6,841	6,566
Wheat ... 1,000 bus	86,260	255,482	143,456	292,818	243,927	179,603	162,678
Other grain ... do	39,243	64,755	51,630	149,927	55,434	43,107	50,076
Lumber ... 1,000 ft. b. m.	[2]603,101	[2]456,451	[2]192,854	[2]186,486	[2]150,986	40,044	44,314
Pulpwood ... 1,000 cords						114	160
Iron ore ... 1,000 tons[1]	41,600	45,212	56,643	53,821	46,990	29,278	47,070
All other ... do[1]	380	506	176	222	351	639	728
Freight, westbound ... 1,000 tons[1]	15,299	14,921	15,818	14,570	15,831	11,101	14,686
Coal ... do[1]	13,514	13,357	14,156	12,874	14,059	9,162	12,486
All other ... do[1]	1,715	1,564	1,662	1,696	1,772	1,939	2,200

[1] Short tons of 2,000 pounds. [2] 1,000 ft. b. m.

No. 472.—OHIO RIVER TRAFFIC: Tonnage, Ton-mileage, and Freight

Note.—Figures exclude ferry traffic. In 1935 the tons of freight carried on ferries were reported as 1,160,639 but the hauls, of course, are very short. The passengers carried other than on ferries for 1935 were 1,411,736. Leaders indicate data not available

Year	Freight carried	Ton-miles	Value of freight	Year	Freight carried	Ton-miles	Value of freight
	1,000 short tons	*Thousands*	*1,000 dollars*		*1,000 short tons*	*Thousands*	*1,000 dollars*
1923	8,281	----------	110,022	1934—Total	18,636	1,783,925	224,444
1924	10,867	----------	128,356	Up	2,265	----------	34,899
1925	15,737	825,497	151,622	Down	4,987	----------	36,579
1926	19,755	----------	150,086	Inbound	9,009	----------	81,532
1927	20,129	1,214,491	168,423	Outbound	2,374	----------	71,435
1928	20,938	1,344,687	191,519				
1929	21,955	1,512,585	192,308	1935—Total	20,977	2,253,829	286,402
1930	22,337	1,473,927	188,245	Up	2,353	----------	48,494
1931	18,071	1,486,445	166,987	Down	5,562	----------	51,489
1932	14,317	1,392,229	153,757	Inbound	10,881	----------	98,454
1933	16,751	1,708,422	199,235	Outbound	2,180	----------	87,965

Source of tables 471 and 472: Reports of the Chief of Engineers, United States Army.

No. 473.—COMMERCE ON PRINCIPAL RIVERS OF THE UNITED STATES

NOTE.—In thousands of short tons of 2,000 pounds. General ferry traffic, car ferry traffic, and cargoes in transit are not included in this table, except as noted

River	1930	1931	1932	1933	1934	1935
Grand total	130, 668	108, 204	84, 908	95, 648	102, 866	125, 878
Atlantic Coast rivers [1]	25, 512	24, 348	18, 249	18, 394	20, 137	23, 605
Penobscot River, Maine	585	848	612	455	618	680
Connecticut River (below Hartford, Conn.)	648	703	661	811	983	951
Hudson River, N. Y. (mouth of Spuyten Duyvil Creek to Waterford, N. Y.)	9, 882	8, 605	6, 355	5, 784	5, 696	8, 524
Delaware River, Philadelphia to Trenton, N. J.	5, 528	4, 469	3, 009	2, 707	2, 817	2, 787
Potomac River (below Washington, D. C.)	2, 634	2, 591	2, 017	2, 057	1, 938	2, 161
James River, Va	1, 220	1, 323	1, 122	1, 396	1, 873	1, 771
Gulf Coast rivers [1]	6, 940	7, 330	5, 294	5, 604	6, 001	8, 158
Mobile River, Ala., tributaries	997	986	581	985	976	1, 014
Black Warrior, Warrior, and Tombigbee Rivers, Ala	1, 582	1, 693	958	1, 123	1, 067	1, 131
Lake Pontchartrain, La	988	1, 128	584	626	710	650
Mermentau River, La	92	12	17	3	130	943
Calcasieu River and Pass, La	531	733	371	505	301	959
Bayou Lafourche, La	[2] 211	143	138	110	792	893
Cedar Bayou, Tex	111	690	813	891	525	640
Pacific Coast rivers [1]	18, 854	14, 220	10, 231	13, 630	13, 183	16, 052
San Joaquin River, Calif	926	915	690	966	1, 046	1, 053
Sacramento River, Calif	1, 980	763	713	1, 175	1, 184	806
Columbia and Lower Willamette Rivers, below Vancouver, Wash., and Portland, Oreg. [3]	6, 029	6, 500	4, 838	5, 411	4, 904	5, 909
Columbia River from Vancouver, Wash., to The Dalles, Oreg	837	1, 016	635	862	782	861
Willamette River, above Portland, and Yamhill River, Oreg	1, 708	1, 190	1, 006	891	1, 144	2, 008
Snohomish River, Wash	1, 574	1, 026	447	962	1, 224	1, 150
Mississippi River and tributaries [1]	78, 812	61, 920	50, 858	57, 701	63, 191	77, 757
Mississippi River, Minneapolis, Minn., to the Passes	[4] 15, 782	[4] 17, 138	[4] 18, 254	[4] 18, 569	[4] 19, 197	[4] 25, 038
Illinois Waterway, Ill	[5] 75	[5] 141	[5] 194	[5] 389	[5] 479	1, 584
Missouri River, Fort Benton, Mont., to mouth	2, 215	1, 593	1, 492	1, 335	1, 680	1, 841
Allegheny River, Pa	3, 418	2, 357	2, 158	2, 827	3, 028	3, 375
Monongahela River, Pa., and W. Va	25, 657	15, 949	9, 399	12, 540	14, 219	17, 941
Muskingum River, Ohio	746	675	610	522	518	643
Kanawha River, W. Va	1, 722	1, 867	1, 482	1, 859	1, 786	2, 205
Ohio River, Pittsburgh to mouth	22, 337	18, 071	14, 317	16, 751	18, 636	20, 977
Tennessee River, Knoxville to Paducah	2, 465	1, 244	750	940	1, 495	1, 899
Interior rivers and other waterways	549	386	277	320	354	306

[1] Totals include data for rivers not shown separately.
[2] Includes cargoes in transit.
[3] Internal traffic only; figures do not include ocean-borne traffic at ports.
[4] Figures prior to 1935 represent traffic from Minneapolis, Minn., to New Orleans, La. They cover gross traffic, which represents the addition of the tons carried over each of the several stretches of the river, and therefore include some duplication owing to the overlapping of traffic. Data for 1935 represent net traffic which excludes duplication; net traffic for 1934 from Minneapolis to New Orleans is 16,038,000 tons.
[5] Data represent traffic on the Illinois River only.

Source: Annual Report of the Chief of Engineers, United States Army.

No. 474.—UNITED STATES MERCHANT MARINE: DOCUMENTED TONNAGE

NOTE.—For definition of "gross ton" see general note, p. 404. All data after 1840 are as of June 30

Year	Number			Thousands of gross tons			Tonnage (thousands of gross tons) employed in—			
	Total	Steam and motor	All other[1]	Total	Steam and motor	All other[1]	Foreign trade	Coastwise and internal trade	Whale fisheries	Cod and mackerel fisheries
1789[2]	--------	--------	--------	202	--------	202	124	69	--------	9
1800[2]	--------	--------	--------	972	--------	972	667	272	3	29
1810[2]	--------	--------	--------	1,425	--------	1,425	981	405	4	35
1820[2,3]	--------	--------	--------	1,280	--------	1,280	584	588	36	72
1830[2,3]	--------	--------	--------	1,192	64	1,127	538	517	40	98
1840[4]	--------	--------	--------	2,181	202	1,978	763	1,177	137	104
1850	--------	--------	--------	3,535	526	3,010	1,440	1,798	146	152
1860	--------	--------	--------	5,354	868	4,486	2,379	2,645	167	163
1870	28,998	3,524	25,474	4,247	1,075	3,171	1,449	2,638	68	91
1880	24,712	4,717	19,995	4,068	1,212	2,856	1,314	2,638	38	78
1890	23,467	5,965	17,502	4,424	1,859	2,565	928	3,409	19	68
1900	23,333	7,053	16,280	5,165	2,658	2,507	817	4,287	10	52
1910	25,740	12,452	13,288	7,508	4,900	2,608	783	6,669	9	47
1915	26,701	15,948	10,753	8,389	5,944	2,446	1,863	6,486	9	32
1920	28,183	18,814	9,369	16,324	13,823	2,501	9,925	6,358	4	38
1925	26,367	18,637	7,730	17,406	14,976	2,430	8,151	9,216	4	35
1926	26,343	18,689	7,654	17,311	14,848	2,463	7,719	9,552	3	38
1927	25,778	18,384	7,394	16,888	14,507	2,381	7,309	9,533	8	38
1928	25,355	18,270	7,115	16,683	14,347	2,336	6,934	9,706	7	36
1929	25,326	18,319	7,007	16,477	14,162	2,315	6,906	9,523	7	39
1930	25,214	18,211	7,003	16,068	13,757	2,311	6,296	9,723	7	42
1931	25,471	18,236	7,235	15,908	13,528	2,380	5,576	10,286	7	40
1932	25,156	18,224	6,932	15,839	13,568	2,271	5,071	10,728	2	38
1933	24,868	18,182	6,686	15,060	12,862	2,198	4,701	10,313	9	37
1934	24,904	18,335	6,569	14,862	12,687	2,175	4,598	10,220	9	35
1935	24,919	18,495	6,424	14,654	12,535	2,118	4,560	10,049	9	35
1936	25,392	18,706	6,686	14,497	12,267	2,230	4,159	10,300	9	28

Classes	Number					Thousands of gross tons				
	1910	1920	1930	1935	1936	1910	1920	1930	1935	1936
By utilization:										
Registered—										
Foreign trade	1,490	5,932	4,175	3,859	2,093	783	9,925	6,296	4,560	4,159
Whale fisheries	36	26	14	14	14	9	4	7	9	9
Enrolled—										
Coasting and internal trade	13,654	12,181	12,497	12,041	13,253	6,555	6,233	9,608	9,928	10,163
Cod and mackerel fisheries	395	196	261	230	175	39	32	36	30	24
Licensed—										
Coasting and internal trade	9,328	9,463	8,004	8,553	9,672	114	124	115	122	137
Cod and mackerel fisheries	837	385	263	222	185	8	6	6	5	4
By location:										
Atlantic and Gulf[5]	17,084	16,850	14,321	14,310	14,801	3,523	9,739	9,904	9,837	9,770
Pacific[6]	3,574	6,512	6,466	6,508	6,533	937	3,326	3,227	2,863	2,741
Northern lakes	3,273	3,091	2,450	2,195	2,200	2,895	3,139	2,758	1,773	1,767
Western rivers	1,809	1,730	1,977	1,906	1,858	154	120	178	181	218
By power:										
Sail	8,947	4,030	1,584	999	899	1,655	1,272	757	441	379
Steam[7]	12,452	8,103	6,087	5,166	4,954	4,900	13,466	12,775	11,433	11,161
Motor[7]	--------	10,711	12,124	13,329	13,752	--------	357	982	1,102	1,105
Canal boats	674	448	226	99	90	74	52	29	14	13
Barges	3,667	4,891	5,193	5,326	5,697	878	1,177	1,525	1,663	1,838
By material:										
Wood	23,527	23,781	20,211	19,878	20,299	3,391	3,876	2,554	2,185	2,234
Metal	2,213	4,402	5,003	5,041	5,093	4,117	12,448	13,514	12,469	12,263

[1] Sailing vessels, canal boats, and barges. [2] Dec. 31.
[3] The decrease of tonnage arises principally from the registered tonnage having been corrected in 1818, 1829, and 1830 by striking off all vessels the registers of which were granted prior to 1815, which were supposed by the collectors to have been lost at sea, captured, etc.
[4] Sept. 30.
[5] Including Puerto Rico in all years shown and Virgin Islands beginning 1920.
[6] Including Hawaii and Alaska. [7] Motor vessels included in steam in 1910

Source: Bureau of Marine Inspection and Navigation, Department of Commerce.

No. 475.—VESSELS BUILT IN THE UNITED STATES AND DOCUMENTED FOR AMERICAN SHIPOWNERS

Yearly average or year [1]	Number	Gross tons	Year [1]	Number	Gross tons
1797–1800	----------	72, 574	1916	937	325, 413
1801–1810	----------	[2] 102, 452	1917	1, 297	664, 479
1811–1820	----------	89, 797	1918	1, 528	1, 300, 868
1821–1830	790	89, 372	1919	1, 953	3, 326, 621
1831–1840 [3]	[3] 945	[3] 121, 713	1920	2, 067	3, 880, 639
1841–1850 [4]	[4] 1, 215	[4] 188, 713	1921	1, 361	2, 265, 115
1851–1860	1, 464	365, 864	1922	845	661, 232
1861–1870	1, 657	300, 881	1923	770	335, 791
1871–1880	1, 454	253, 801	1924	1, 049	223, 968
1881–1890	1, 056	220, 198	1925	967	199, 846
1891–1900	1, 055	235, 699	1926	924	224, 673
1901–1910	1, 311	418, 178	1927	917	245, 144
1911–1920	1, 449	1, 090, 938	1928	969	257, 180
1921–1925	998	737, 190	1929	808	128, 976
1926–1930	928	222, 054	1930	1, 020	254, 296
1931–1935	828	184, 034	1931	1, 302	386, 906
1911	1, 422	291, 162	1932	722	212, 892
1912	1, 505	232, 669	1933	642	190, 803
1913	1, 475	346, 155	1934	724	66, 649
1914	1, 151	316, 250	1935	748	62, 919
1915	1, 157	225, 122	1936	1, 207	224, 084

[1] Years ended Dec. 31 from 1797 to 1834; Sept. 30 from 1835 to 1842; June 30 beginning with 1843.
[2] Nine-year average, there being no record of the tonnage for 1802.
[3] Average for period Jan. 1, 1831, to Sept. 30, 1840.
[4] Average for period Oct. 1, 1840, to June 30, 1850.

Source: Bureau of Marine Inspection and Navigation, Department of Commerce.

No. 476.—VESSELS BUILT IN UNITED STATES AND DOCUMENTED FOR AMERICAN SHIPOWNERS: By Classes and Region

Note.—For definition of "gross ton" see general note p. 404. Data are for years ended June 30

Class and where built	1916–1920, average	1921–1925, average	1926–1930, average	1931–1935, average	1933	1934	1935	1936
Total ..... number	1, 556	998	928	828	642	724	748	1, 207
Gross tons	1, 899, 604	737, 190	222, 054	184, 034	190, 803	66, 649	62, 919	224, 084
Sailing ..... number	82	38	9	4	3	3	6	3
Gross tons	70, 599	27, 685	365	40	46	33	50	79
Steam and motor ..... number	1, 111	697	646	585	539	577	602	771
Gross tons	1, 734, 296	639, 341	148, 737	120, 672	168, 488	26, 916	30, 341	59, 020
Canal boats ..... number	19	9	5	(1)	----------	----------	----------	1
Gross tons	2, 613	1, 043	952	52	----------	----------	----------	81
Barges ..... number	344	254	268	239	100	144	140	432
Gross tons	92, 096	69, 121	71, 999	63, 270	22, 269	39, 700	32, 528	164, 904
Metal ..... gross tons	1, 511, 043	631, 109	151, 808	125, 483	163, 148	37, 512	39, 758	98, 799
Wood ..... do	388, 561	106, 081	70, 246	58, 551	27, 655	29, 137	23, 161	125, 285
Gross tons built on:								
New England coast	112, 835	45, 913	10, 874	21, 485	25, 851	862	1, 910	711
Middle Atlantic and Gulf coasts	833, 438	442, 721	123, 600	129, 835	151, 823	37, 390	38, 452	166, 671
Pacific coast	687, 076	174, 926	28, 612	15, 059	3, 919	11, 694	8, 692	8, 016
Northern lakes	260, 138	58, 317	45, 292	8, 347	2, 044	4, 404	3, 937	4, 430
Western rivers	6, 117	15, 313	13, 676	9, 309	7, 166	12, 299	9, 928	44, 256

[1] One canal boat of 258 gross tons built in 1931.

Source: Bureau of Marine Inspection and Navigation, Department of Commerce.

No. 477.—MERCHANT VESSELS LAUNCHED: World Total and United States

Note.—Vessels of 100 gross tons and over. For definition of "gross ton" see general note, p. 404. Vessels under construction in the world Dec. 31, 1936, numbered 618 of 2,251,221 gross tons; in the United States, 37 of 110,356 gross tons

Calendar year	World				United States	
	Total		Steam and motor			
	Number	Gross tons	Number	Gross tons	Number	Gross tons
1910–1914, average	1,533	2,739,079	1,180	2,631,779	162	252,864
1915–1920, average [1]	1,488	4,046,860	1,296	3,918,746	518	1,877,382
1921–1925, average	942	2,581,653	830	2,531,592	99	315,114
1926–1930, average	873	2,468,515	808	2,427,929	74	158,788
1931–1935, average	484	1,020,444	461	1,010,567	25	83,485
1923	701	1,643,181	620	1,614,790	83	172,817
1924	924	2,247,751	838	2,200,741	79	139,463
1925	855	2,193,404	742	2,142,325	101	128,776
1926	600	1,674,977	525	1,630,134	78	150,613
1927	802	2,285,679	734	2,239,522	66	179,218
1928	869	2,699,239	809	2,660,321	63	91,357
1929	1,012	2,793,210	981	2,774,191	63	126,063
1930	1,084	2,889,472	991	2,835,476	100	246,687
1931	596	1,617,115	569	1,603,551	57	205,865
1932	307	726,591	295	724,287	18	143,559
1933	330	489,016	311	479,559	14	10,771
1934	536	967,419	514	954,777	21	24,625
1935	649	1,302,080	617	1,290,660	14	32,607
1936	999	2,117,924	946	2,080,222	69	111,885

[1] Figures during the war period are shown only for allied and neutral countries.

Source: Lloyd's Register of Shipping.

No. 478.—MERCHANT MARINE OF THE WORLD AND THE UNITED STATES

Note.—Vessels of 100 tons and over. Prior to 1919 tonnage figures are gross for steamers and net for sailing vessels, thereafter gross for both. Wooden vessels on the Great Lakes and vessels on the Caspian Sea are not included. Japanese sailing vessels and most sailing vessels belonging to Greece, Turkey, and southern Russia are not included. Figures for Philippine Islands are included with United States beginning with 1910. See general note, p. 404

Year	World total	United States	Year	World total	United States	Year	World total	United States
	1,000 tons	*1,000 tons*		*1,000 tons*	*1,000 tons*		*1,000 tons*	*1,000 tons*
1895	25,086	2,165	1920	57,314	16,049	1932	69,734	13,547
1900	28,957	2,750	1925	64,641	15,377	1933	67,920	13,358
1905	35,998	3,996	1929	68,074	14,482	1934	65,577	13,045
1910	41,913	5,059	1930	69,608	14,046	1935	64,886	12,852
1915	49,262	5,893	1931	70,131	13,642	1936	65,064	12,557

	Number					Thousands of tons (see headnote)					
	1910	1920	1930	1935	1936	1910	1914	1920	1930	1935	1936
World total	**30,058**	**31,595**	**32,713**	**30,979**	**30,923**	**41,915**	**49,090**	**57,314**	**69,608**	**64,886**	**65,064**
Steam and motor	22,008	26,513	29,996	29,071	29,197	37,291	45,404	53,905	68,024	63,727	64,005
Steel and iron	20,403	23,382	27,595	26,564	26,583	36,769	44,934	51,661	67,304	63,141	63,419
Wood and composite	1,605	3,131	2,401	2,507	2,614	521	470	2,244	720	586	586
Sailing	8,050	5,082	2,717	1,908	1,726	4,624	3,686	3,409	1,584	1,159	1,059
Steel and iron	2,115	1,314	742	718	722	2,508	2,095	1,524	654	579	571
Wood and composite	5,935	3,768	1,975	1,190	1,004	2,116	1,590	1,885	930	580	488
United States	**3,469**	**5,457**	**4,223**	**3,629**	**3,576**	**5,059**	**5,368**	**16,049**	**14,046**	**12,852**	**12,557**
Steam and motor	1,712	4,110	3,517	3,194	3,120	3,827	4,330	14,574	13,202	12,223	11,987
Steel and iron	1,270	3,242	3,001	2,783	2,722	3,602	4,120	13,341	12,914	12,042	11,817
Wood and composite	442	868	516	411	398	226	210	1,234	288	181	170
Sailing	1,757	1,347	706	498	456	1,232	1,038	1,475	844	629	570
Steel and iron	139	154	147	156	165	245	236	304	288	278	271
Wood and composite	1,618	1,193	559	342	291	987	803	1,171	556	351	298

Source: Lloyd's Register of Shipping.

No. 479.—COMMERCIAL TRAFFIC THROUGH THE PANAMA CANAL: By Nationality of Vessel

Note.—See general note, p. 404. Net tonnage is according to Panama Canal measurement. Beginning 1935, vessels of less than 300 net tons are excluded

Nationality and year ended June 30	Number of vessels	Net tonnage (thousands)	Tolls (thousands of dollars)	Tons of cargo (thousands)
Total traffic:				
1915–1936, total	90,055	422,591	383,334	415,583
1921	2,892	11,416	11,277	11,599
1922	2,736	11,417	11,198	10,885
1923	3,967	18,606	17,508	19,568
1924	5,230	26,149	24,291	26,995
1925	4,673	22,855	21,401	23,959
1926	5,197	24,775	22,931	26,037
1927	5,475	26,228	24,229	27,748
1928	6,456	29,459	26,944	29,631
1929	6,413	29,838	27,127	30,663
1930	6,185	29,981	27,077	30,030
1931	5,529	27,792	24,645	25,083
1932	4,506	23,625	20,707	19,808
1933	4,494	22,822	19,620	18,178
1934	5,533	28,567	24,064	24,719
1935	5,180	27,806	23,307	25,310
1936	5,382	28,024	23,479	26,506
United States:				
1915–1936, total	39,057	197,865	180,099	198,330
1921	1,210	4,862	4,785	5,163
1922	1,095	4,972	4,867	4,951
1923	1,994	10,209	9,474	11,055
1924	2,947	15,807	14,483	16,654
1925	2,326	12,271	11,302	13,080
1926	2,432	12,565	11,540	13,711
1927	2,685	13,915	12,720	15,242
1928	2,753	13,753	12,646	14,249
1929	2,700	13,326	12,300	14,076
1930	2,885	14,534	13,221	14,499
1931	2,417	12,602	11,426	11,805
1932	1,917	10,791	9,749	8,835
1933	1,686	10,099	8,934	7,988
1934	2,269	13,226	11,187	11,578
1935	2,143	12,266	10,216	10,826
1936	2,045	11,323	9,437	10,701
British:				
1934	1,208	6,831	5,757	5,193
1935	1,170	6,635	5,671	5,776
1936	1,304	7,229	6,156	6,182
Chilean:				
1934	7	27	24	22
1935	13	44	42	39
1936	19	68	65	79
Danish:				
1934	135	637	502	533
1935	125	593	468	556
1936	156	722	555	627
Danzig:				
1934	70	559	501	575
1935	49	388	352	440
1936	3	20	17	17
French:				
1934	92	509	405	431
1935	116	662	535	570
1936	99	579	461	544
German:				
1934	301	1,060	871	962
1935	341	1,317	1,116	1,301
1936	310	1,244	1,067	1,305
Italian:				
1934	68	478	378	256
1935	77	488	397	336
1936	47	344	260	160
Japanese:				
1934	258	1,413	1,378	1,511
1935	255	1,484	1,375	1,446
1936	271	1,608	1,480	1,698
Netherlander:				
1934	91	535	441	403
1935	114	548	456	439
1936	139	610	496	512
Norwegian:				
1934	450	2,237	1,748	2,081
1935	515	2,479	1,946	2,464
1936	556	2,622	2,080	2,718
Panamanian:				
1934	383	287	239	151
1935	103	204	154	122
1936	201	655	570	655
Swedish:				
1934	122	569	451	767
1935	111	546	439	783
1936	131	616	488	855
Miscellaneous:				
1934	79	197	181	255
1935	48	151	139	212
1936	101	384	347	453

No. 480.—COMMERCIAL TRAFFIC THROUGH PANAMA CANAL: By Direction

Note.—A to P=Atlantic to Pacific; P to A=Pacific to Atlantic. See also general note, p. 404. Beginning 1935, vessels of less than 300 net tons (Panama Canal measurement) are excluded

Years ended June 30—	Number of vessels	Thousands of gross tons	Thousands of net tons[1]	Thousands of cargo tons		
				Total	A to P	P to A
1922	2,736	14,361	11,417	10,885	5,496	5,389
1923	3,967	23,633	18,606	19,568	7,086	12,482
1924	5,230	33,412	26,149	26,995	7,860	19,135
1925	4,673	29,148	22,855	23,959	7,398	16,560
1926	5,197	31,673	24,775	26,037	8,037	18,000
1927	5,475	33,556	26,228	27,748	8,583	19,165
1928	6,456	37,203	29,459	29,631	8,310	21,321
1929	6,413	37,465	29,838	30,663	9,883	20,780
1930	6,185	37,431	29,981	30,030	9,476	20,555
1931	5,529	34,233	27,792	25,083	6,680	18,402
1932	4,506	28,771	23,625	19,808	5,635	14,173
1933	4,494	27,185	22,822	18,178	4,512	13,666
1934	5,533	34,374	28,567	24,719	6,167	18,551
1935	5,180	33,013	27,806	25,310	7,530	17,780
1936	5,382	33,130	28,024	26,506	8,250	18,256

[1] Panama Canal measurement.

Source of tables 479 and 480: Report of the Governor of the Panama Canal.

No. 481.—REVENUES, EXPENSES, AND COMPUTED SURPLUS OF THE PANAMA CANAL

[In thousands of dollars

Year ended June 30—	Tolls	Civil revenues	Business profits	Total revenue	Net appropriation expenses [1]	Net revenues	Capital interest, 3 percent [2]	Computed surplus
1914 to 1921	4,566	1,421	1,100	47,086	45,986	1,100	----------	1,100
1922	11,193	192	323	11,709	8,169	3,540	15,759	[3] *12,219*
1923	17,508	184	1,141	18,832	7,941	10,892	15,759	[3] *4,867*
1924	24,290	392	902	25,583	8,624	16,960	15,759	1,200
1925	21,375	208	766	22,349	8,367	13,982	15,759	[3] *1,777*
1926	22,927	218	841	23,986	8,243	15,743	15,796	[3] *53*
1927	24,217	392	877	25,485	9,248	16,238	15,831	407
1928	26,944	233	737	27,913	9,201	18,712	15,845	2,800
1929	27,124	243	738	28,105	9,887	18,218	15,875	2,342
1930	27,077	349	761	28,187	9,594	18,593	15,901	2,693
1931	24,645	346	563	25,553	10,393	15,160	15,951	[3] *791*
1932	20,707	327	557	21,591	9,839	11,752	15,914	[3] *4,162*
1933	19,621	310	1,136	21,067	9,156	11,911	15,993	[3] *4,082*
1934	24,065	97	1,367	25,528	7,351	18,177	16,176	2,001
1935	23,339	82	1,021	24,442	8,901	15,541	16,312	[3] *772*
1936	23,507	120	920	24,547	9,095	15,452	16,399	[3] *947*
Total	383,103	5,114	13,749	401,965	179,996	221,969	239,031	[3] *17,061*

[1] After deduction of canal earnings repaid to appropriations.
[2] No interest charge against the Canal is actually made by the Treasury. In order to present the net results of the operation of the Canal, the interest on capital invested is computed at a rate considered reasonable for Government borrowings over an indefinite period. Computed interest to June 30, 1921, is included in capital investment account.
[3] Deficit.

Source: Annual Report of the Governor of the Panama Canal.

No. 482.—MARINE WRECKS AND CASUALTIES OCCURRING TO VESSELS OF THE UNITED STATES: By Regions

NOTE.—The table covers all disasters involving damage or loss amounting to $300 or more. The figures exclude some reports of casualties to United States vessels received after the closing of the report for the year which are not distributed by regions. Casualties to United States vessels in the Panama Canal Zone are not included in the table; data for 1936 are as follows: Vessels involved, 8; tonnage, 50,310; property loss, $43,000; persons on board, 668; no loss of life

Yearly average or year ended June 30—	Number of vessels		Vessel capacity—1,000 tons		Losses—1,000 dollars		Persons on board		Lives lost
	Complete loss	Partial loss	Complete loss	Partial loss	To vessel	To cargo	Passengers	Crews	
Total:									
1916–1920	322	678	192	1,487	39,440	13,803	9,889	19,733	651
1921–1925	253	665	113	1,808	18,794	4,374	10,207	19,859	189
1926–1930	273	780	122	2,258	17,648	4,159	11,830	23,372	219
1931–1935	217	546	60	1,815	11,824	1,679	8,134	17,819	164
1933	243	515	63	1,657	9,658	736	4,765	16,273	142
1934	179	654	69	2,307	10,404	2,327	10,328	20,941	68
1935	161	645	52	2,233	15,034	1,952	9,768	21,154	355
1936	178	727	45	2,806	11,036	874	10,707	23,881	86
Atlantic, Gulf, and Pacific coasts:									
1933	139	315	34	866	4,687	339	2,292	8,959	94
1934	100	344	23	941	4,246	999	6,925	7,885	42
1935	106	384	41	1,113	10,616	1,082	6,048	10,924	317
1936	117	389	28	1,228	5,498	530	5,969	11,484	69
Great Lakes:									
1933	17	35	7	122	929	28	18	907	7
1934	16	29	6	106	671	80	252	838	8
1935	12	71	4	320	1,186	41	330	2,125	7
1936	12	107	7	530	1,744	17	1,524	3,160	------
Rivers of the United States:									
1933	75	67	16	155	2,364	204	928	1,877	28
1934	43	103	4	352	1,673	201	881	3,021	8
1935	31	58	3	127	684	103	229	1,208	5
1936	35	106	3	387	1,537	69	1,389	2,931	10
At sea and in foreign waters:									
1933	12	98	6	514	1,678	165	1,527	4,530	13
1934	20	178	36	908	3,814	1,047	2,270	9,197	10
1935	12	132	5	673	2,548	727	3,161	6,897	26
1936	14	125	7	662	2,257	258	1,825	6,306	7

Source: U. S. Coast Guard, Treasury Department.

No. 483.—MERCHANT VESSELS CONTROLLED BY THE UNITED STATES GOVERNMENT: As of Dec. 31

NOTE.—For definition of deadweight tons see general note, p. 404. The number of tugs is shown under "All other" except as noted; there is no tonnage for these

Origin and class	1935	1936		Class	1935	1936	
	Deadweight tons	Number	Deadweight tons		Deadweight tons	Number	Deadweight tons
Grand total	2,264,775	242	2,054,574	Steel—Continued.			
				Cargo and passenger	42,024	4	42,024
ORIGIN				Refrigerators	48,043	5	41,967
Requisitioned steel	372,551	33	298,539	All other	9,400	[2] 4	1,564
Contract steel	1,788,467	194	1,677,602	Wood, composite, and concrete		[1] 3	
Contract wood or concrete		[1] 3		Active steel	420,146	42	342,572
Purchased	49,808	3	22,920	Cargo	420,146	39	342,572
Seized enemy	53,949	6	55,513	All other		[1] 3	
All other		[1] 3		Inactive steel	1,844,629	197	1,712,002
CLASS				Cargo	1,754,562	187	1,626,447
				Cargo and passenger	42,024	4	42,024
Steel	2,264,775	239	2,054,574	Refrigerators	48,043	5	41,967
Cargo (completed)	2,165,308	226	1,969,019	All other		1	1,564

[1] Tugs. [2] Includes 3 steel tugs.

No. 484.—CARGO TONNAGE OF FOREIGN AND INTERCOASTAL COMMERCE

NOTE.—In thousands of cargo tons of 2,240 pounds. Coastwise trade other than from Atlantic and Gulf to Pacific and vice versa is not included

	Total United States ports [1]			Atlantic coast ports			Gulf coast ports		
	1933	1934	1935	1933	1934	1935	1933	1934	1935
Total commerce	[2] 70,561	[2] 80,497	[2] 84,054	35,282	39,596	40,132	14,438	15,265	17,088
Inbound	36,461	40,738	43,878	26,206	28,485	28,581	2,953	3,459	4,892
Outbound	41,707	48,233	47,373	9,076	11,111	11,552	11,484	11,807	12,196
With foreign countries [3]	58,953	67,635	72,112	27,280	30,537	32,265	12,953	13,773	15,582
Imports	26,567	29,814	33,966	19,756	21,252	22,926	2,259	2,801	4,168
Exports	32,386	37,821	38,146	7,524	9,284	9,339	10,694	10,972	11,413
Intercoastal				6,590	7,551	6,235	1,018	923	962
Inbound	7,607	8,474	7,197	5,419	6,120	4,454	494	416	472
Outbound	7,607	8,474	7,197	1,171	1,430	1,781	523	508	490
With noncontiguous territories [4]	4,001	4,389	4,746	1,412	1,509	1,632	467	570	545
Imports	2,287	2,451	2,716	1,031	1,112	1,201	200	242	253
Exports	1,714	1,938	2,030	381	397	431	267	327	293

	Pacific coast ports			Great Lakes ports			Ports in all territories and possessions [5]		
Total commerce	19,446	22,216	22,200	9,002	11,894	11,830	[6] 7,267	[6] 8,053	[6] 7,550
Inbound	4,602	5,047	6,329	2,700	3,748	4,076	[6] 4,450	[6] 4,834	[6] 4,217
Outbound	14,845	17,169	15,871	6,302	8,146	7,754	[6] 2,817	[6] 3,219	[6] 3,334
With foreign countries [3]	9,717	11,432	12,434	9,002	11,894	11,830	[6] 544	[6] 494	[6] 457
Imports	1,852	2,013	2,796	2,700	3,748	4,076	[6] 511	[6] 427	[6] 353
Exports	7,865	9,419	9,639	6,302	8,146	7,754	[6] 33	[6] 68	[6] 104
Intercoastal	7,607	8,474	7,197						
Inbound	1,694	1,938	2,271						
Outbound	5,913	6,536	4,925						
With noncontiguous territories [4]	2,122	2,310	2,569				[1] 6,723	[1] 7,559	[1] 7,094
Imports	1,056	1,096	1,262				[1] 3,939	[1] 4,407	[1] 3,864
Exports	1,066	1,214	1,306				[1] 2,784	[1] 3,152	[1] 3,230

[1] Continental United States. [2] Duplication in intercoastal trade is eliminated.
[3] In showing trade of Continental United States ports, Philippine Islands, Virgin Islands, and Canal Zone are included with foreign countries.
[4] Alaska, Hawaii, Puerto Rico, Guam, Samoa.
[5] Territories and possessions named in notes 3 and 4.
[6] Excluding trade with foreign countries of Canal Zone, Guam, Samoa, Virgin Islands, and Philippine Islands; data not available.

Source of tables 483 and 484: United States Shipping Board Bureau, Department of Commerce, except 1936 data for table 483 which were compiled by the United States Maritime Commission, successor to the United States Shipping Board Bureau.

No. 485.—CARGO TONNAGE OF WATER-BORNE IMPORTS AND EXPORTS

NOTE.—In thousands of cargo tons of 2,240 pounds. This and the following tables do not include cargoes (small in aggregate) carried by ships of less than 100 tons gross capacity

	Imports in vessels of—					Exports in vessels of—				
	Total	U. S. Government	Independent American	British	Other	Total	U. S. Government	Independent American	British	Other
Total:										
1921	33,185	4,835	18,620	9,730		48,640	7,329	11,228	30,083	
1923	43,296	3,031	19,753	9,218	11,294	49,080	6,903	9,286	18,824	14,067
1924	40,899	2,663	19,630	8,406	10,200	52,261	6,663	11,653	18,867	15,078
1925	43,135	2,285	18,930	9,586	12,334	49,666	5,624	10,092	18,386	15,564
1926	44,686	2,888	18,217	10,702	12,879	68,140	5,591	11,531	28,269	22,749
1927	42,183	2,195	19,263	9,328	11,397	56,935	6,185	12,510	20,728	17,512
1928	47,395	2,063	22,124	10,591	12,617	58,829	5,071	14,217	21,147	18,394
1929	50,985	1,824	23,408	12,173	13,580	57,475	4,618	13,303	20,624	18,930
1930	47,562	1,429	23,394	10,451	12,289	49,731	3,236	11,678	17,210	17,607
1931	35,864	1,086	16,028	7,288	11,462	40,049	2,605	8,463	13,518	15,463
1932	28,710	633	12,691	5,940	9,446	31,845	1,698	6,449	10,712	12,985
1933	26,567	632	10,386	6,438	9,111	32,386	749	7,606	10,107	13,924
1934	29,814	476	12,291	7,076	9,971	37,821	541	8,895	13,164	15,222
1935	33,966	554	13,572	8,122	11,719	38,146	522	8,218	12,635	16,771
1936	38,397	542	12,655	10,494	14,706	39,714	411	8,205	13,057	18,041
Percent distribution:										
1921	100.0	15	56	29		100.0	15	23	62	
1935	100.0	2	40	24	34	100.0	1	22	33	44
1936	100.0	1	33	28	38	100.0	1	21	33	45
Dry cargoes: [1]										
1921	12,357	5,437		6,920		34,855	11,502		23,353	
1925	24,903	2,077	4,997	7,314	10,515	32,556	5,467	3,834	10,494	12,761
1930	25,461	1,528	6,365	7,638	9,930	25,997	3,120	4,939	7,279	10,659
1931	19,856	1,191	4,765	4,964	8,935	20,855	2,503	4,171	5,214	8,968
1932	14,926	633	3,500	3,633	7,160	15,782	1,698	3,462	3,684	6,938
1933	16,507	632	4,153	3,982	7,740	16,023	749	4,709	3,497	7,068
1934	18,081	476	4,971	4,404	8,230	18,041	540	5,356	3,937	8,208
1935	21,323	554	5,235	5,217	10,317	18,460	522	5,360	3,817	8,761
1936	23,932	542	6,150	5,434	11,806	17,875	411	4,901	3,560	9,003
Percent distribution:										
1921	100.0	44		56		100.0	33		67	
1935	100.0	3	25	24	48	100.0	3	29	21	47
1936	100.0	2	26	23	49	100.0	2	28	20	50
Tanker cargoes: [1]										
1921	17,362	2,662	12,443	2,257		5,980	725	1,667	3,588	
1925	12,783	208	9,238	1,522	1,815	10,368	157	3,500	3,999	2,712
1930	15,907	--------	11,788	1,918	2,201	14,369	--------	3,245	4,060	7,064
1931	12,770	--------	8,734	1,548	2,488	11,847	--------	2,290	2,985	6,572
1932	11,353	--------	7,399	1,690	2,264	10,071	--------	1,675	2,353	6,043
1933	7,684	--------	5,078	1,245	1,361	10,536	--------	1,530	2,152	6,854
1934	8,457	--------	5,631	1,087	1,739	11,758	--------	1,581	3,167	7,010
1935	9,035	--------	6,837	862	1,336	12,057	--------	1,189	2,883	7,985
1936	9,686	--------	5,674	1,160	2,852	13,376	--------	1,605	2,768	9,003
Percent distribution:										
1921	100.0	15	72	13		100.0	12	28	60	
1935	100.0	--------	76	9	15	100.0	--------	10	24	66
1936	100.0	--------	59	12	29	100.0	--------	12	21	67
North Atlantic ports:										
1933	18,895	512	7,213	4,303	6,867	6,816	399	1,646	1,506	3,265
1934	20,312	427	7,924	4,376	7,585	8,437	483	2,118	2,068	3,767
1935	21,875	529	8,623	4,407	8,317	8,448	438	2,164	1,906	3,941
1936	25,419	522	8,722	5,085	11,089	8,709	349	2,187	1,865	4,308
South Atlantic ports:										
1933	861	27	315	109	411	708	44	198	239	228
1934	940	27	332	113	468	847	41	205	230	371
1935	1,051	23	385	92	550	891	47	207	226	411
1936	1,260	16	405	138	701	970	46	253	207	464
Gulf ports:										
1933	2,259	93	955	215	997	10,694	306	2,178	1,728	6,482
1934	2,801	22	1,465	248	1,066	10,972	16	2,330	2,050	6,575
1935	4,168	2	2,110	319	1,737	11,413	38	2,264	1,943	7,169
1936	3,962	4	1,902	358	1,698	12,187	16	2,163	2,084	7,924
Pacific ports:										
1933	1,852	--------	744	385	723	7,865	--------	2,199	1,795	3,871
1934	2,013	--------	832	394	786	9,419	--------	2,284	2,702	4,433
1935	2,796	--------	920	835	1,041	9,639	--------	1,914	2,521	5,204
1936	2,977	--------	795	1,012	1,170	9,385	--------	1,903	2,172	5,310
Great Lakes ports:										
1933	2,700	--------	1,159	1,427	114	6,302	--------	1,386	4,839	78
1934	3,748	--------	1,739	1,943	66	8,146	--------	1,958	6,113	74
1935	4,076	--------	1,534	2,469	73	7,754	--------	1,669	6,039	46
1936	4,779	--------	831	3,900	48	8,463	--------	1,699	6,729	35

[1] Not including Great Lakes cargoes, which are principally dry.

Source: Prior to 1936, U. S. Shipping Board Bureau, Department of Commerce; thereafter, U. S. Maritime Commission.

No. 486.—CARGO TONNAGE OF WATER-BORNE IMPORTS AND EXPORTS: BY TRADE REGIONS AND INDIVIDUAL COUNTRIES

NOTE.—In cargo tons of 2,240 pounds. Note that a country may appear in part under one trade region and in part under another. Minor countries are omitted but their trade is included in regional totals

Foreign origin or destination	Imports			Exports		
	1933	1934	1935	1933	1934	1935
Grand total	26,566,967	29,813,903	33,965,678	32,385,550	37,821,061	38,145,865
United Kingdom[1]	908,388	843,623	947,899	3,813,903	3,707,278	3,943,832
England	618,536	611,381	717,700	3,448,039	3,199,773	3,424,677
Ireland[1]	2,687	2,644	11,878	128,390	196,313	110,559
Scotland	101,561	94,018	117,968	207,832	269,420	354,547
Wales	185,604	135,580	100,353	29,642	41,772	54,049
North Atlantic and Baltic Europe	1,476,926	1,379,096	1,796,524	930,866	1,199,045	1,306,335
Greenland	3,000	3,265	6,200	1,338		
U. S. S. R. (Russia)	94,595	56,998	162,506	19,802	21,861	54,943
Finland	216,786	203,797	244,994	36,595	73,103	53,937
Norway	261,869	278,992	356,675	119,047	177,474	178,884
Sweden	737,209	656,972	726,748	312,780	430,030	506,407
Denmark	33,320	36,029	56,232	235,012	206,294	248,275
Danzig	74,384	88,903	114,171	9,698	14,836	38,748
Poland	15,662	35,132	88,309	105,008	209,163	135,757
Germany	19,454	5,871	1,461	58,195	45,592	73,476
Estonia	12,012	9,337	7,611	8,247	8,719	8,432
Latvia		500	29,195	14,144	1,475	1,476
Lithuania	8,535	2,400	2,422	11,000	10,498	6,000
Havre-Hamburg range	1,878,856	1,567,606	2,076,730	5,686,383	5,272,774	4,762,081
Germany	772,666	680,226	936,464	1,743,356	1,405,608	1,435,030
Netherlands	535,361	394,762	324,242	1,192,790	1,196,008	975,664
Belgium	474,254	387,694	706,407	947,613	1,012,781	1,013,290
France	96,575	104,924	109,617	1,802,624	1,658,377	1,338,097
South Atlantic Europe	462,094	442,325	494,775	865,054	791,828	948,105
France	16,610	11,245	14,350	528,036	442,516	514,255
Portugal	63,302	48,937	44,050	42,246	65,476	147,346
Spain	382,068	381,965	436,307	209,021	248,321	260,587
Azores Islands	102	85	68	357	406	33
Canary Islands				84,225	33,640	22,783
Madeira	12	93		1,169	1,469	3,101
West Mediterranean	435,941	482,277	442,422	1,819,154	1,895,945	2,390,716
Spain	119,584	144,129	130,835	211,083	286,956	453,926
France	36,354	28,881	43,703	643,581	507,883	520,166
Italy	214,126	212,161	200,147	917,692	1,040,962	1,336,796
Yugoslavia	3,158	16,805	18,471	4,661	12,364	16,945
Malta	10		2	8,806	12,677	5,127
Tunisia	28,375	10,113	19,168	772	1,081	11,271
Algeria	18,198	63,630	30,095	30,222	29,511	43,342
Morocco	16,136	6,558	1	2,337	4,511	3,143
East Mediterranean and Black Sea	602,128	698,447	863,552	151,379	194,600	369,338
Rumania	9,045	7,524	25,503	3,490	18,807	54,072
U. S. S. R. (Russia)	442,280	535,678	667,615	1,234	11,010	17,837
Turkey	65,472	62,880	46,190	13,534	9,861	54,154
Cyprus	2,202	4,262	34,403			
Greece	41,107	46,955	42,788	49,833	63,788	96,847
Egypt	33,618	35,643	40,851	57,182	66,078	95,870
Palestine	248	1,244	674	12,926	16,196	25,322
Syria	5,966	3,609	4,030	13,180	7,848	20,987
West Indies	4,903,551	5,419,637	6,481,568	1,319,221	1,771,924	1,747,240
Cuba	2,422,947	2,773,668	3,010,672	637,697	910,497	978,998
Jamaica	42,846	44,882	49,247	71,142	89,719	95,506
Bahama Islands	6,294	4,636	12,359	13,220	14,220	15,595
Haiti	36,546	40,125	34,464	46,006	46,929	35,952
Dominican Republic	146,368	119,068	174,023	69,715	44,314	38,901
Lesser Antilles	2,246,882	2,435,794	3,199,840	458,533	643,465	557,347
Bermudas	1,668	1,464	963	22,908	22,780	24,941
Mexico	1,355,889	1,373,214	1,089,282	249,746	320,629	305,440
Central America	872,657	913,562	1,007,864	689,990	843,651	759,015
British Honduras	4,668	22,942	43,718	7,910	5,329	5,432
Guatemala	93,674	103,243	171,827	51,313	64,817	39,104
Honduras	357,144	400,367	319,915	70,639	85,970	85,105
Nicaragua	92,575	71,734	91,949	17,923	15,372	13,456
Costa Rica	110,174	90,292	87,140	22,437	23,756	19,978
Panama	85,494	96,492	124,292	9,460	3,823	9,772
Canal Zone	118,152	117,643	144,767	485,300	605,170	570,553
El Salvador	10,776	10,849	24,256	25,008	39,414	15,615

[1] Includes Irish Free State.

No. 486.—CARGO TONNAGE OF WATER-BORNE IMPORTS AND EXPORTS: BY TRADE REGIONS AND INDIVIDUAL COUNTRIES—Continued

Foreign origin or destination	Imports			Exports		
	1933	1934	1935	1933	1934	1935
North Coast South America	3,578,635	4,159,216	4,317,128	158,662	234,710	219,477
Venezuela	2,266,395	3,263,710	3,406,838	92,857	141,469	117,862
British Guiana	33,008	46,586	84,532	4,941	7,192	6,691
Surinam (Netherland Guiana)	106,004	101,756	108,685	7,802	5,756	9,713
French Guiana			10	2,701	3,438	3,242
Colombia	1,173,228	747,164	717,063	50,361	76,855	81,969
East Coast South America	1,208,552	1,212,371	2,528,079	994,003	1,361,740	1,340,221
Brazil	616,949	611,508	738,634	481,503	579,179	554,642
Uruguay	37,229	46,927	64,744	84,213	164,230	177,592
Argentina	549,534	553,936	1,722,701	428,287	618,331	607,987
South Atlantic Islands	4,840					
West Coast South America	927,274	1,605,831	1,608,035	299,886	461,780	519,861
Colombia	19,343	20,626	19,264	11,100	25,397	15,824
Chile	713,409	1,470,339	1,450,849	212,726	331,744	367,495
Peru	85,146	74,406	102,930	59,796	96,192	123,794
Ecuador	109,376	40,460	34,992	16,264	8,447	12,748
West Africa	176,091	206,357	324,847	103,995	117,730	136,086
Morocco	11,907	6,949	11,129	8,796	9,689	17,939
Cape Verde Islands	20		21	1,563	952	182
Senegal				4,901	5,969	7,446
Sierra Leone	2,242	1,859	3,233	3,649	4,146	4,276
Liberia	176	174	758	440	1,361	2,284
Ivory Coast	3,991	6,617	14,021	5,881	10,886	12,158
Gold Coast	97,904	144,975	213,091	31,244	30,163	39,207
Togo		206		1,768	2,016	2,557
Dahomey	263		6,251	1,561	2,137	2,848
Nigeria	41,667	31,685	46,929	18,500	21,731	22,200
Cameroons	566	1,581	6,784	3,798	4,997	6,550
Gabon				3,791	6,157	5,514
Belgian Congo	17,333	12,310	21,050	9,397	6,802	4,202
Southwest Africa				1,761	1,582	600
Angola	22			3,390	3,230	1,667
South and East Africa	56,853	85,570	126,204	254,902	469,597	484,785
Union of South Africa	22,408	17,759	11,272	161,058	309,579	295,569
Mozambique	34,436	66,677	97,846	70,315	122,336	126,555
British East Africa		[2] 104	[2] 16,194	[2] 8,527	[2] 11,456	[2] 19,188
French Somaliland	9	1,015	203	373	1,320	1,777
Madagascar			689	6,293	9,897	6,828
Mauritius Island		15		5,040	6,144	4,142
Australia and Antarctic Region	74,009	142,413	320,065	879,576	909,717	985,038
New Guinea	105	222	174	2,591	2,024	1,096
New Zealand	23,582	18,875	41,313	298,860	305,685	277,680
Australia	17,790	73,052	209,269	561,590	572,680	662,944
Fiji Islands	1,896	3,140	3,294	5,884	4,850	6,686
New Caledonia	15,150	23,177	60,625		4,432	2,799
Society Islands	6,731	798	1,233	3,168	8,450	20,364
Gilbert Islands	4,244		4	8		
Tasmania		15		5,694	4,401	1,774
East Indies	841,472	794,098	880,378	136,957	146,726	148,567
Straits Settlements	353,771	387,101	372,342	23,800	30,405	36,775
French Indo-China and Siam	510	3,745	568	7,688	11,756	22,114
Sumatra	159,478	125,297	151,945	9,858	12,206	12,322
Java	245,440	238,726	325,464	90,200	89,490	75,272
Borneo	7,556	4,964	3,830	1,500	20	
Celebes	71,869	34,265	26,229	3,911	2,849	2,084
East Asia	2,186,884	2,542,352	1,980,593	5,571,928	7,348,087	7,313,824
China	173,151	181,998	279,645	1,213,586	1,525,215	880,987
U. S. S. R. (Russia)	1,976	1,901	381	24,165	978	602
Japan	482,267	524,517	699,805	3,768,446	5,242,017	5,847,194
Philippine Islands	1,529,490	1,833,936	1,000,762	565,731	579,877	585,041
India, Persian Gulf, and Red Sea	573,862	643,198	703,846	186,038	180,102	200,783
Anglo-Egyptian Sudan	4,848	4,221	5,706	47	149	835
Egypt	680	410	1,167	4,789	788	285
Iraq	17,341	23,305	35,664			
Arabia	3,953	4,415	4,919	5,566	5,923	8,454
Iran (Persia)	1,502		1,500			
India	490,421	550,668	598,445	166,313	163,795	167,534
Ceylon	55,117	58,179	56,445	9,323	9,447	6,639
Canada	4,046,905	5,302,710	5,977,887	8,273,907	10,593,198	10,265,121
Pacific	428,155	433,595	675,627	841,030	967,217	966,348
Atlantic and Newfoundland	1,022,454	1,174,445	1,289,054	1,205,099	1,531,668	1,560,337
Great Lakes	2,596,296	3,694,670	4,013,206	6,227,778	8,094,313	7,738,436

[2] Kenya and Tanganyika Territory only.

Source: United States Shipping Board Bureau, Department of Commerce

No. 487.—CARGO TONNAGE OF WATER-BORNE IMPORTS AND EXPORTS: By States and Individual Ports

NOTE.—**In cargo tons of 2,240 pounds.** State totals cover all tonnage, including small ports not shown

State and port	Imports			Exports		
	1933	1934	1935	1933	1934	1935
North Atlantic District	18,895,148	20,312,417	21,875,225	6,815,887	8,436,812	8,447,915
Maine, total	393,075	506,924	516,640	44,925	23,460	55,354
Portland	296,238	300,181	293,786	39,285	18,599	41,787
New Hampshire: Portsmouth	13,724	28,975	25,725		62	6,483
Massachusetts, total	1,690,701	1,706,723	2,450,882	146,767	220,168	281,455
Boston	1,584,022	1,428,851	1,803,360	146,679	220,122	280,099
Everett	10,000	141,863	541,419			
Fall River	43,429	88,506	49,119	11		
Rhode Island, total	310,855	267,422	312,258	7,384	2,736	16,329
Providence	310,855	267,422	310,962	7,384	2,736	16,329
Connecticut, total	47,291	42,011	51,199	5,311		
New Haven	13,188	6,719	22,154	5,311		
New London	20,248	14,365	16,417			
New York, total[1]	10,049,433	10,491,087	10,839,092	4,093,477	5,186,076	5,138,124
New York[1]	9,651,539	10,208,506	10,237,418	4,008,859	5,152,276	5,051,071
New Jersey, total	9,566	43,757	58,472	53,222	93,333	64,656
Paulsboro		30,780	39,780	53,222	93,333	62,608
Pennsylvania: Philadelphia[1]	3,065,642	2,830,491	3,058,231	1,241,189	1,222,768	1,209,222
Delaware, total	412,166	466,203	400,033	3,285	2,190	2,304
Claymont	133,418					
Wilmington	278,748	466,203	400,033	3,285	2,190	2,304
Maryland: Baltimore	2,423,028	3,142,147	3,393,943	453,678	636,379	609,679
Virginia, total	479,667	786,677	768,750	766,649	1,049,640	1,064,309
Newport News	72,040	89,942	90,862	206,366	330,732	303,350
Norfolk	389,360	683,438	660,863	482,454	573,821	633,345
South Atlantic District	880,722	939,924	1,050,900	708,170	847,399	891,427
North Carolina: Wilmington	140,795	115,392	143,820	13,210	28,480	26,934
South Carolina, total	228,644	291,282	304,005	117,339	154,136	198,019
Charleston	228,644	291,282	304,005	115,147	153,847	198,019
Georgia, total	316,722	365,763	406,766	284,049	287,304	334,021
Brunswick	21,724	27,374	16,116	53,005	40,370	38,988
Savannah	294,998	338,389	390,650	231,044	246,934	295,033
Florida, east coast, total	174,561	167,487	196,309	293,572	377,479	332,453
Fernandina				41,925	94,853	101,176
Jacksonville	152,848	150,880	163,645	247,014	251,299	207,085
Miami	20,733	15,234	26,035	3,504	9,225	10,469
Gulf District	2,258,803	2,800,781	4,[illegible]68,010	10,694,254	10,971,887	11,413,499
Florida, west coast, total	146,677	148,781	208,447	1,133,403	1,310,227	1,397,795
Boca Grande		26	2	181,311	177,389	182,063
Key West	33,086	26,762	24,333	28,130	45,497	33,079
Pensacola	26,378	39,492	76,105	201,828	242,526	189,807
Tampa	70,191	65,526	90,524	688,209	810,219	952,502
Alabama: Mobile	171,815	169,336	273,544	397,387	406,876	394,589
Mississippi	20,470	27,239	65,971	97,149	119,267	78,964
Louisiana, total	1,592,955	1,834,627	2,456,682	2,371,336	2,135,364	2,100,407
Baton Rouge		152,176	125,015	493,191	493,085	373,233
Lake Charles	4,963	10,922	20,160	113,210	89,625	232,600
New Orleans	1,587,992	1,671,529	2,197,389	1,757,944	1,515,484	1,471,055
Texas, total	326,886	620,798	1,163,366	6,694,979	7,000,153	7,441,744
Beaumont	1,993	11,193	11,843	560,053	761,583	847,045
Corpus Christi	53	2,311	3,530	301,644	236,749	461,389
Freeport		15		110,943	167,291	111,028
Galveston	144,438	170,773	201,978	881,593	634,651	605,188
Houston	94,208	289,356	799,084	2,645,560	2,845,052	2,970,768
Orange		1,938	10,965	2,565	2,619	9,951
Port Arthur	79,446	112,755	85,147	1,852,005	2,228,065	2,309,399
Texas City	6,748	12,253	19,986	297,845	84,622	58,435

[1] Includes commerce of New Jersey ports which enters or clears through this customhouse.

No. 487.—Cargo Tonnage of Water-Borne Imports and Exports: By States and Individual Ports—Continued

State and port	Imports			Exports		
	1933	1934	1935	1933	1934	1935
Pacific District	**1,852,253**	**2,012,715**	**2,795,619**	**7,865,013**	**9,419,273**	**9,638,868**
California, total	1,205,913	1,353,559	1,651,846	5,854,090	6,808,128	7,600,278
Eureka				9,834	8,947	19,834
Los Angeles	443,835	523,470	744,708	3,067,277	4,112,613	4,157,349
San Diego	10,528	11,247	13,504	5,729	4,839	10,309
San Francisco [1]	751,550	818,842	893,634	1,889,575	1,754,976	2,040,413
Port San Luis				753,691	801,094	1,372,373
Oregon, total	80,485	60,721	137,833	611,816	898,807	607,905
Astoria	4,303		1,155	34,506	26,982	24,710
Coos Bay				61,755	151,680	167,708
Portland	73,214	58,721	134,478	485,710	699,004	381,575
Prescott				7,941	6,728	1,952
Wauna				5,629	2,709	2,550
Westport				2,672	3,195	3,141
Washington, total	565,855	598,435	1,005,940	1,399,107	1,712,338	1,430,685
Anacortes	54,557	8,480	9,312	2,684	25,481	23,452
Bellingham	19,121	20,326	24,640	61,684	76,675	76,865
Everett	4,099	4,633	31,410	100,282	120,969	111,764
Grays Harbor	157	2,025	970	204,965	279,932	231,325
Longview	5,323	5,272	1,032	118,962	80,751	72,264
Olympia	77	2,719	943	75,203	79,478	78,910
Port Angeles	71,998	114,248	186,994	18,490	39,828	41,148
Port Townsend	36,855	28,271	57,668	1,146	2,843	839
Seattle	227,428	204,002	296,361	376,823	523,565	389,562
Tacoma	143,858	203,389	384,954	322,231	333,439	269,210
Vancouver	544		1,733	7,478	20,193	10,759
Willapa Harbor	1,634	995	3,171	75,482	95,972	98,530
Great Lakes District	**2,700,041**	**3,748,066**	**4,075,924**	**6,302,226**	**8,145,690**	**7,754,156**
New York, total	1,408,919	1,856,130	2,482,644	1,308,995	1,551,983	1,592,900
Buffalo	1,151,505	1,538,940	2,111,723	651,717	751,955	870,178
Ogdensburg	72,690	88,005	83,673			3,096
Oswego	23,746	33,605	26,613	68,732	88,184	91,609
Rochester	17,243	34,047	114,421	346,332	361,860	311,594
Sodus Point				229,067	335,169	296,995
Tonawanda	34,328	42,656	30,476			4,200
Waddington	81,450	84,424	62,732			
Pennsylvania: Erie	261,542	239,784	173,744	706,654	665,591	405,927
Ohio, total	146,867	126,412	250,147	3,532,804	4,668,586	4,535,944
Ashtabula				771,472	1,231,240	1,246,539
Cleveland	86,242	58,121	87,698	471,205	559,150	539,139
Conneaut				212,729	257,286	259,102
Fairport				145,458	500,338	344,318
Lorain	5,762		2,496	122,259	112,059	124,248
Sandusky	2,061	2,437	2,528	673,948	513,339	388,233
Toledo	52,802	65,854	155,325	1,132,333	1,487,574	1,626,760
Indiana				570	3,029	4,449
Illinois: Chicago	306,308	404,428	394,732	157,946	167,995	209,327
Michigan, total	363,798	426,939	364,697	502,537	713,996	486,364
Algonac	300				3,110	2,610
Bay City		1,035			33,820	35,799
Detroit	177,058	175,393	141,098	380,187	370,698	200,887
Escanaba	3,570	3,238	3,655	86,094	215,103	61,272
Marquette				10,120	37,486	98,811
Port Huron	59,098	53,161	62,057	4,498	5,713	10
Sault Ste. Marie	4,548	2,477	3,643	2	2,285	4,718
South Haven	77,657	87,581	85,795		50	
Wyandotte	12,424	4,100	1,000	5,018	3,017	30
Wisconsin, total	183,622	435,521	346,277	84,958	368,234	487,885
Ashland	49,274	87,763	72,124	20,721	55,562	94,929
Milwaukee	48,752	108,582	98,029	13,491	8,618	2,599
Superior	5,120	87,572	70,453	50,746	301,366	388,999
Minnesota: Duluth	28,985	258,852	63,683	7,762	6,276	31,360

[1] Includes all ports within San Francisco Bay.

Source: United States Shipping Board Bureau, Department of Commerce.

No. 488.—CARGO TONNAGE OF WATER-BORNE IMPORTS AND EXPORTS: By Major Commodities and by Coastal Districts

NOTE.—In thousands of cargo tons of 2,240 pounds. Leaders indicate no data, or less than 500 tons

Commodity	1932	1933	1934	1935					
				Total	North Atlantic	South Atlantic	Gulf	Pacific	Great Lakes
Imports, total	28,710	26,567	29,814	33,966	21,875	1,051	4,168	2,796	4,076
Wheat	1,646	1,148	1,689	2,104	64	-------	4	1	2,036
Other grains	58	296	746	1,724	846	3	258	267	351
Oil seeds	257	418	424	624	493	-------	1	121	9
Vegetable oils	342	446	373	640	431	3	89	114	3
Vegetables and vegetable products, n. e. s.	504	594	669	702	527	12	37	124	2
Animal, fish, and dairy products	254	263	285	451	324	9	37	72	7
Bananas	1,048	970	1,124	1,250	642	47	481	79	-------
Coconuts and copra	259	345	260	302	47	-------	51	204	-------
Other fruits and nuts	202	172	224	218	173	1	29	14	1
Sugar	2,617	2,487	2,890	2,116	1,371	130	528	76	11
Molasses	959	956	1,060	1,229	908	3	319	-------	-------
Coffee	693	745	741	800	475	6	222	97	-------
Cocoa	217	213	212	246	238	-------	5	4	-------
Tobacco and manufactures	32	32	32	35	29	-------	4	3	-------
Cotton	45	46	55	42	36	-------	1	4	-------
Cotton manufactures	41	54	60	89	59	-------	1	28	-------
Wool	25	86	46	88	85	-------	-------	3	-------
Wool manufactures	13	12	7	10	9	-------	-------	1	-------
Silk	31	27	25	32	22	-------	-------	10	-------
Silk manufactures	10	14	7	4	2	-------	-------	1	-------
Jute	32	57	52	64	58	3	1	1	-------
Jute manufactures	192	208	194	281	158	13	68	42	-------
Other vegetable fibers and grasses	255	246	215	235	135	2	72	17	9
Textiles and manufactures, n. e. s.	54	83	75	90	60	-------	14	10	5
Hides, skins, and manufactures	92	159	92	138	132	-------	-------	6	-------
Furs and fur skins	10	14	13	18	16	-------	-------	2	-------
Rubber	427	437	488	463	422	-------	3	38	-------
Pulpwood and wood pulp	1,732	2,183	2,435	2,455	1,282	-------	42	111	1,021
Paper stock, n. e. s.	47	73	43	78	58	-------	2	18	-------
Paper and manufactures	682	704	753	860	400	36	99	116	210
Clays	125	142	124	163	143	-------	1	7	12
Clay manufactures	44	58	66	79	47	2	1	30	-------
Coal and coke	740	642	598	798	719	-------	-------	79	-------
Petroleum and products	10,370	6,677	7,280	7,725	6,478	185	1,058	5	-------
Gypsum	332	324	328	392	355	-------	-------	37	-------
Pyrites	233	369	378	439	372	12	2	50	3
Nonmetallic minerals, n. e. s.	471	447	442	545	293	20	10	69	152
Iron ore	690	968	1,645	1,731	1,646	-------	9	1	75
Manganese and manganese ore	107	198	315	435	381	-------	35	2	17
Iron and steel and manufactures	411	401	333	492	292	12	77	69	42
Copper and manufactures	215	185	300	376	255	-------	-------	121	-------
Miscellaneous metals and mfrs.	358	325	339	527	164	-------	154	207	3
Logs and lumber	465	470	384	678	280	1	61	333	3
Dyeing and tanning materials	107	153	173	148	133	1	12	1	-------
Potash	225	347	357	436	156	192	71	9	8
Nitrates	302	470	525	542	105	286	118	32	-------
Other fertilizers	128	207	145	178	75	47	24	32	1
Pigments, chemicals, and mfrs., n. e. s.	333	388	405	409	190	23	154	42	1
All other	278	306	388	486	292	2	16	83	94
Exports, total	31,845	32,386	37,821	38,146	8,448	891	11,413	9,639	7,754
Wheat	2,736	1,000	1,333	881	572	-------	3	4	302
Rye	75	9	-------	12	5	-------	-------	-------	7
Corn	214	139	85	25	13	2	8	1	2
Barley	191	152	126	162	5	-------	1	147	9
Oats	33	9	6	20	9	-------	11	-------	-------
Rice	116	59	43	78	3	-------	68	7	-------
Other grains	250	18	14	13	9	-------	2	1	-------
Wheat flour	526	381	385	288	212	-------	20	46	11
Oil-cake and meal	277	337	213	215	179	1	13	11	11
Vegetables and vegetable products, n. e. s.	291	182	192	227	144	1	16	31	36
Animal, fish, and dairy products	449	462	417	243	90	31	35	86	1
Fruits and nuts	830	732	654	851	201	1	19	630	-------
Sugar	123	94	159	111	78	2	17	12	1
Naval stores	270	315	260	301	4	220	72	3	2
Tobacco and manufactures	211	221	228	207	156	19	31	1	-------
Cotton	2,104	1,985	1,371	1,399	26	95	1,185	93	-------
Cotton manufactures	50	45	38	37	25	7	3	1	-------
Other textiles and manufactures	55	62	72	77	60	-------	10	3	3
Hides, skins, and manufactures	20	18	31	24	16	-------	1	6	-------
Rubber and manufactures	35	42	48	46	31	-------	6	9	-------
Paper stock and manufactures	228	250	355	381	143	-------	27	211	-------

No. 488.—Cargo Tonnage of Water-Borne Imports and Exports: By Major Commodities and by Coastal Districts—Continued

Commodity	1932	1933	1924	1935					
				Total	North Atlantic	South Atlantic	Gulf	Pacific	Great Lakes
Exports—Continued.									
Coal and coke	5,580	6,393	7,978	7,222	669	77	92	1	6,382
Petroleum and products	11,422	11,741	13,021	14,333	1,626	2	6,451	6,129	126
Sulphur	350	520	499	404	2	-------	399	2	1
Cement	52	104	76	54	49	-------	1	2	-------
Nonmetallic minerals and mfrs., n. e. s.	130	206	255	331	83	22	39	82	106
Iron ore	54	160	607	647	2	-------	-------	-------	645
Iron, steel, and manufactures	491	1,202	2,519	2,589	1,592	158	495	270	75
Machinery	101	110	178	239	199	1	25	12	2
Vehicles	160	220	482	591	550	-------	14	19	8
Copper and manufactures	147	161	294	282	209	-------	38	36	-------
Ores, metals and manufactures, n. e. s.	124	136	232	206	74	1	111	20	1
Logs and lumber	2,166	2,564	2,855	2,742	96	137	1,044	1,462	3
Phosphates	574	849	1,029	1,143	39	107	995	1	-------
Other fertilizers	216	154	251	302	237	1	14	50	1
Pigments, chemicals, and mfrs., n. e. s.	567	671	653	535	288	2	102	134	9
All other	624	681	860	929	751	5	46	116	11

Source: United States Shipping Board Bureau, Department of Commerce.

No. 489.—NET TONNAGE OF VESSELS ENTERED AND CLEARED IN FOREIGN TRADE

Note.—Domestic trade is not included. For definition of net tonnage see general note, p. 404. Figures cover years ended June 30 to and including 1918, calendar years thereafter. Owing to the marked effect of the war on shipping a special average for the 6½ years July 1, 1914, to Dec. 31, 1920, is presented

[In thousands of net tons]

Yearly average or year	Entered		Cleared		Year	Entered		Cleared	
	Seaports	Other ports	Seaports	Other ports		Seaports	Other ports	Seaports	Other ports
1840 [1]	1,788	501	1,861	492	1905	24,793	6,190	25,020	6,138
1850	3,169	1,179	3,167	1,194	1906	27,401	6,754	26,970	6,814
1860	5,000	3,275	5,257	3,533	1907	29,248	7,374	28,499	7,491
1870	6,270	2,886	6,362	2,807	1908	30,444	8,095	30,198	8,084
1871–1875	8,462	2,997	8,514	2,994	1909	30,243	8,815	29,604	8,592
1876–1880	12,134	2,792	12,197	2,807	1910	30,917	9,319	30,510	9,196
1881–1885	13,604	2,931	13,781	2,917	1911	32,457	10,218	32,299	10,138
1886–1890	13,479	2,602	13,655	2,593	1912	34,659	11,499	34,706	11,711
1891–1895	16,801	2,816	16,965	2,876	1913	37,973	12,666	37,566	13,586
1896–1900	20,931	3,989	21,077	4,007	1914	40,052	13,337	39,743	13,440
1901–1905	24,551	5,939	24,633	5,918	1915	35,032	11,678	35,458	11,427
1906–1910	29,651	8,071	29,156	8,036	1916	37,744	13,806	38,946	13,477
1911–1915	36,035	11,879	35,954	12,061	1917	36,521	13,951	38,094	13,983
1915–1920 [2]	38,071	13,440	40,137	13,511	1918	31,101	14,356	31,869	14,145
1921–1925	52,959	13,334	53,578	13,075	1918 (July–Dec.)	16,113	8,916	16,112	9,360
1926–1930	63,768	15,293	64,441	15,319	1919	36,381	10,320	40,750	10,506
1931–1935	54,928	10,462	55,214	10,350	1920	51,532	12,572	54,981	12,837
1910–1914	35,212	11,408	34,965	11,614	1921	49,958	12,327	50,423	12,242
1914–1920 [3]	37,604	13,169	39,417	13,190	1922	51,701	13,490	51,799	13,040
1891	15,394	2,810	15,411	2,850	1923	52,775	13,544	53,215	13,409
1892	18,180	2,833	18,258	2,903	1924	54,726	13,565	55,294	13,616
1893	16,679	2,903	16,825	2,936	1925	55,636	13,742	57,160	13,069
1894	17,025	2,965	17,306	2,966	1926	63,759	13,174	65,583	13,458
1895	16,725	2,570	17,024	2,727	1927	58,921	15,389	59,759	15,682
1896	17,453	3,536	17,819	3,596	1928	62,809	17,402	63,331	17,336
1897	20,003	3,757	19,878	3,831	1929	66,852	15,749	67,030	15,313
1898	21,700	3,879	21,892	3,856	1930	66,499	14,753	66,500	14,808
1899	21,963	4,148	22,177	4,089	1931	60,427	12,355	61,204	12,297
1900	23,534	4,629	23,618	4,663	1932	55,229	9,607	54,900	9,547
1901	24,791	4,977	24,889	4,931	1933	51,564	9,372	52,083	9,204
1902	24,361	6,293	24,242	6,202	1934	53,132	10,655	53,162	10,541
1903	24,698	6,396	24,823	6,493	1935	54,289	10,324	54,722	10,165
1904	24,111	5,841	24,192	5,824	1936	55,038	10,934	55,381	10,686

[1] Year ended Sept. 30.
[2] Average for period July 1, 1915, to Dec. 31, 1920.
[3] Average for period July 1, 1914, to Dec. 31, 1920.

Source: Prior to 1936, Bureau of Foreign and Domestic Commerce; thereafter, Bureau of Customs, Treasury Department.

No. 490.—NET TONNAGE OF VESSELS ENTERED AND CLEARED IN FOREIGN TRADE: By Customs Districts and by Regions

Note.—In thousands of net tons. See headnote, table 489

Customs district	1933		1934		1935		1936	
	Entered	Cleared	Entered	Cleared	Entered	Cleared	Entered	Cleared
Grand total	60,936	61,287	63,787	63,702	64,612	64,887	65,972	66,066
Seaports, total	51,564	52,083	53,132	53,162	54,289	54,722	55,038	55,381
North Atlantic coast, total	26,332	24,798	25,940	24,549	26,059	24,906	26,742	25,569
Maine, New Hampshire	507	334	642	398	664	419	664	416
Massachusetts	4,058	3,157	3,963	3,138	3,956	2,954	4,168	3,199
Rhode Island	175	87	145	84	143	112	89	101
Connecticut	31	4	33	16	44	30	36	29
New York	19,531	19,584	19,263	19,344	19,314	19,632	19,587	20,145
Philadelphia	2,030	1,632	1,893	1,569	1,938	1,759	2,198	1,679
South Atlantic coast, total	3,681	4,022	4,266	4,638	4,693	5,305	4,747	5,471
Maryland	1,000	718	1,160	1,023	1,375	1,090	1,707	1,426
Virginia	661	1,218	1,170	1,625	841	1,588	791	1,641
North Carolina	128	38	95	44	98	49	113	55
South Carolina	262	119	297	155	379	194	395	226
Georgia	167	402	184	395	234	398	249	444
Puerto Rico	1,463	1,527	1,359	1,396	1,133	1,131	1,147	1,137
Virgin Islands [1]	--------	--------	--------	--------	633	855	347	540
Gulf coast, total	7,124	8,294	7,586	8,367	8,300	9,042	8,840	9,613
Florida	1,794	1,524	1,689	1,534	1,641	1,600	1,967	1,971
Mobile	231	447	323	541	350	555	364	600
New Orleans	2,554	2,551	2,610	2,586	2,843	3,041	2,950	3,175
Sabine	1,010	1,124	1,250	1,306	1,384	1,479	1,379	1,420
Galveston	1,535	2,648	1,715	2,400	2,082	2,367	2,179	2,447
Mexican border: San Antonio	211	132	133	74	209	224	314	273
Pacific coast, total	14,216	14,837	15,207	15,534	15,028	15,245	14,395	14,454
Washington	5,770	5,320	5,933	5,380	5,664	5,354	5,140	5,002
Oregon	231	453	469	602	322	455	320	432
San Francisco	1,945	2,356	1,689	2,166	1,583	1,714	1,592	1,661
Los Angeles	4,214	4,974	5,092	5,640	5,345	5,927	5,254	5,655
Alaska	175	169	200	215	181	238	191	220
Hawaii	1,450	1,442	1,455	1,429	1,456	1,457	1,479	1,428
San Diego	431	123	369	102	477	100	419	57
Northern border, total	9,372	9,204	10,655	10,540	10,323	10,165	10,934	10,686
Vermont	4	4	3	3	4	5	5	5
St. Lawrence	479	458	491	478	427	394	469	451
Rochester	1,571	1,574	1,774	1,748	1,865	1,858	1,858	1,840
Buffalo	1,528	879	1,542	603	1,823	789	1,648	876
Ohio	3,186	3,109	3,886	3,822	3,267	3,615	3,572	4,070
Michigan	1,485	1,916	1,546	2,021	1,673	2,022	1,779	1,902
Chicago	256	459	305	455	313	403	357	426
Wisconsin	589	323	550	312	445	343	572	396
Duluth and Superior	274	482	558	1,098	506	736	674	721

Yearly average or year	Atlantic coast		Gulf coast		Pacific coast		Mexican border, total	Northern border	
	Total	With cargo	Total	With cargo	Total	With cargo		Total	With cargo
Entrances:									
1901–1905	17,427	15,149	4,056	1,770	3,068	2,286	--------	5,939	2,602
1906–1910	20,921	18,494	5,159	2,420	3,570	2,707	--------	8,072	3,207
1911–1915	24,293	20,708	6,635	3,377	5,055	3,649	52	11,879	4,564
1915–1920 [2]	24,581	16,094	7,939	4,646	5,487	4,329	64	13,440	5,646
1921–1925	30,979	27,133	12,390	8,243	9,562	6,070	28	13,334	6,475
1926–1930	36,884	33,003	11,634	7,415	15,100	8,247	150	15,293	7,700
1931–1935	31,721	28,668	8,058	4,858	14,968	9,239	180	10,462	4,997
1934	30,206	27,504	7,586	4,461	15,207	9,277	133	10,655	4,717
1935	30,752	27,971	8,300	5,003	15,028	9,469	209	10,323	4,976
1936	31,489	28,765	8,840	5,507	14,395	10,336	314	10,934	5,300
Clearances:									
1901–1905	17,077	15,714	4,499	4,328	3,057	2,418	--------	5,918	3,825
1906–1910	20,162	18,659	5,477	5,187	3,517	2,922	--------	8,036	5,673
1911–1915	23,608	21,765	7,193	6,414	5,104	4,643	50	12,060	8,567
1916–1920 [2]	25,921	23,168	8,528	6,915	5,626	4,762	62	13,511	9,637
1921–1925	30,837	24,284	12,833	9,589	9,880	8,360	28	13,075	9,236
1926–1930	36,361	28,696	12,326	10,641	15,658	13,148	95	15,319	10,504
1931–1935	30,658	23,563	9,018	8,079	15,411	13,220	127	10,350	7,309
1934	29,187	22,832	8,367	7,683	15,534	13,291	74	10,540	7,318
1935	30,210	23,152	9,042	7,888	15,245	12,895	224	10,165	7,155
1936	31,040	22,998	9,613	8,378	14,454	13,027	273	10,686	7,542

[1] Reported as a foreign country prior to Jan. 1, 1935. [2] July 1, 1915, to Dec. 31, 1920.

Source: Prior to 1936, Bureau of Foreign and Domestic Commerce; thereafter, Bureau of Customs, Treasury Department.

No. 491.—NET TONNAGE OF VESSELS ENTERED IN FOREIGN TRADE: BY CLASSES

[All figures except number of vessels and percentages in thousands of net tons. See headnote, table 489]

Yearly average or year	Number of vessels, all ports	All ports				Seaports				
		Total	American	Foreign	Per cent American	All vessels	Sailing vessels	Steam vessels	With cargo	In ballast
1881–1890	32,038	16,308	3,395	12,913	20.7	13,542	5,251	8,291	11,560	1,982
1891–1900	31,781	22,269	4,978	17,291	22.4	18,866	3,816	15,050	14,184	4,682
1901–1905	34,040	30,490	6,802	23,688	22.3	24,551	2,606	21,945	19,205	5,346
1906–1910	34,375	37,722	8,372	29,350	22.2	29,650	1,816	27,834	23,621	6,029
1911–1915	38,951	47,914	12,205	35,709	25.5	36,035	1,574	34,461	27,778	8,257
1915–1920 [1]	42,713	51,511	21,999	29,512	42.7	38,071	1,899	36,173	25,128	12,943
1921–1925	41,546	66,293	29,645	36,648	44.7	52,959	1,004	51,955	41,471	11,488
1926–1930	45,846	79,062	30,314	48,748	38.3	63,768	472	63,296	48,710	15,058
1931–1935	31,338	65,390	23,847	41,543	36.4	54,928	227	54,701	42,835	12,093
1910–1914	38,038	46,619	11,328	35,291	24.3	35,212	1,558	33,654	28,096	7,116
1914–1920 [2]	42,257	50,773	20,657	30,116	40.7	37,604	1,853	35,750	24,938	12,666
1922	40,926	65,191	31,738	33,453	48.7	51,701	1,104	50,597	43,219	8,482
1923	41,591	66,319	27,725	38,594	41.8	52,775	958	51,817	42,219	10,556
1924	42,435	68,292	29,628	38,664	43.4	54,726	849	53,877	42,403	12,323
1925	42,019	69,378	27,947	41,431	40.3	55,636	731	54,905	43,450	12,186
1926	44,757	76,933	26,890	50,043	35.0	63,759	549	63,210	45,113	18,646
1927	45,459	74,310	29,289	45,021	39.4	58,921	530	58,391	45,462	13,458
1928	48,252	80,211	31,285	48,926	39.0	62,809	453	62,356	48,757	14,052
1929	46,687	82,602	32,241	50,361	39.0	66,853	456	66,397	51,919	14,934
1930	44,076	81,253	31,866	49,387	39.2	66,499	373	66,127	52,298	14,201
1931	36,373	72,782	26,907	45,875	37.0	60,427	241	60,186	47,265	13,162
1932	30,318	64,837	24,278	40,559	37.4	55,229	236	54,994	42,701	12,528
1933	28,019	60,936	22,488	38,448	36.9	51,564	180	51,384	40,410	11,154
1934	29,736	63,787	23,192	40,594	36.2	53,132	196	52,936	41,297	11,835
1935	32,246	64,612	22,372	42,240	34.6	54,289	281	54,008	42,501	11,788
1936	33,439	65,972	20,682	45,290	31.3	55,038	311	54,727	44,675	10,363

Yearly average or year	Seaports—Continued					Northern border ports			
	American vessels		Foreign vessels		Per cent American	Total	With cargo	American	Foreign
	Total	With cargo	Total	With cargo					
1881–1890	2,933	2,559	10,609	9,001	21.7	2,766	1,976	462	2,304
1891–1900	3,619	2,956	15,247	11,228	19.2	3,403	1,589	1,359	2,044
1901–1905	3,962	3,246	20,589	15,960	16.1	5,939	2,602	2,840	3,099
1906–1910	4,175	3,471	25,475	20,150	14.1	8,072	3,207	4,197	3,875
1911–1915	5,276	4,200	30,759	23,578	14.6	11,879	4,564	6,929	4,950
1915–1920 [1]	14,508	11,375	23,563	13,753	38.1	13,440	5,646	7,490	5,950
1921–1925	22,526	18,404	30,433	23,068	42.5	13,334	6,455	7,119	6,215
1926–1930	23,182	18,809	40,586	29,901	36.4	15,293	7,700	7,132	8,162
1931–1935	19,854	16,870	35,074	25,865	36.1	10,463	4,997	3,993	6,469
1910–1914	4,753	3,787	30,459	24,309	13.5	11,407	4,501	6,575	4,832
1914–1920 [2]	13,327	10,481	24,276	14,456	35.4	13,169	5,430	7,330	5,840
1922	23,633	20,308	28,068	22,911	45.7	13,490	6,178	8,105	5,385
1923	20,984	17,790	31,791	24,429	39.8	13,544	6,766	6,741	6,803
1924	22,462	18,267	32,264	24,136	41.0	13,565	6,335	7,166	6,399
1925	21,148	17,033	34,487	26,417	38.0	13,742	7,323	6,798	6,944
1926	21,091	17,103	42,668	28,010	33.1	13,174	7,131	5,799	7,375
1927	22,001	17,668	36,920	27,794	37.3	15,389	7,824	7,288	8,101
1928	22,991	18,404	39,818	30,353	36.6	17,402	8,571	8,294	9,108
1929	25,208	20,541	41,645	31,378	37.7	15,749	7,558	7,034	8,716
1930	24,620	20,330	41,879	31,968	37.0	14,753	7,418	7,245	7,508
1931	21,499	18,123	38,929	29,142	35.6	12,355	5,980	5,408	6,946
1932	20,643	17,396	34,587	25,306	37.4	9,607	4,869	3,635	5,973
1933	19,051	16,123	32,513	24,287	36.9	9,372	4,444	3,437	5,934
1934	19,186	16,500	33,946	24,297	36.1	10,655	4,717	4,006	6,649
1935	18,893	16,206	35,395	26,295	34.8	10,324	4,976	3,479	6,845
1936	17,510	15,360	37,528	29,314	31.8	10,934	5,300	3,172	7,762

[1] Average for period July 1, 1915, to Dec. 31, 1920. [2] Average for period July 1, 1914, to Dec. 31, 1920.

Source: Prior to 1936, Bureau of Foreign and Domestic Commerce; thereafter, Bureau of Customs, Treasury Department.

No. 492.—NET TONNAGE OF VESSELS CLEARED IN FOREIGN TRADE: BY CLASSES

[All figures except number of vessels and percentages in thousands of net tons. See headnote, table 489]

Yearly average or year	Number of vessels, all ports	All ports				Seaports				
		Total	American	Foreign	Percent American	All vessels	Sailing vessels	Steam vessels	With cargo	In ballast
1881–1890	32,159	16,473	3,450	13,023	20.9	13,719	5,363	8,356	12,795	924
1891–1900	31,902	22,463	5,038	17,425	22.4	19,021	3,818	15,203	17,514	1,507
1901–1905	33,863	30,551	6,812	23,739	22.3	24,633	2,621	22,012	22,460	2,173
1906–1910	33,897	37,192	8,282	28,910	22.3	29,156	1,850	27,306	26,768	2,388
1911–1915	38,790	48,015	12,512	35,503	26.1	35,955	1,654	34,301	32,827	3,128
1915–1920 [1]	42,687	53,647	23,005	30,643	42.9	40,137	2,057	38,080	34,851	5,285
1921–1925	40,120	66,653	29,554	37,099	44.3	53,578	984	52,594	42,233	11,345
1926–1930	44,082	79,760	30,709	49,051	38.5	64,441	467	63,973	52,581	11,860
1931–1935	30,520	65,565	23,616	41,949	36.0	55,214	221	54,993	44,990	10,224
1910–1914	37,883	46,579	11,590	34,989	24.9	34,965	1,620	33,345	32,024	2,941
1914–1920 [2]	42,141	52,607	21,529	31,078	40.9	39,417	2,010	37,407	34,394	5,023
1922	39,314	64,839	31,759	33,080	49.0	51,799	1,109	50,690	39,244	12,555
1923	40,256	66,624	27,932	38,692	41.9	53,215	1,035	52,180	42,398	10,817
1924	41,100	68,910	30,092	38,818	43.7	55,294	810	54,483	43,787	11,506
1925	40,379	70,229	27,808	42,421	39.6	57,160	746	56,414	45,750	11,410
1926	43,951	79,041	28,532	50,509	36.1	65,583	566	65,017	54,237	11,346
1927	43,619	75,440	29,793	45,647	39.5	59,759	526	59,233	49,419	10,340
1928	46,201	80,667	31,734	48,933	39.3	63,331	436	62,895	51,609	11,722
1929	44,837	82,343	31,927	50,416	38.8	67,030	422	66,608	54,132	12,898
1930	41,801	81,307	31,560	49,748	38.8	66,500	386	66,114	53,507	12,993
1931	35,368	73,501	26,854	46,647	36.5	61,204	238	60,966	49,805	11,399
1932	29,648	64,446	23,865	40,582	37.0	54,900	233	54,667	43,909	10,991
1933	27,157	61,287	22,434	38,853	36.6	52,083	180	51,903	43,197	8,886
1934	28,874	63,702	22,799	40,903	35.8	53,162	177	52,985	43,881	9,281
1935	31,554	64,887	22,126	42,761	34.1	54,722	277	54,445	44,159	10,563
1936	31,362	66,066	20,069	45,997	30.4	55,381	317	55,063	44,672	10,708

Yearly average or year	Seaports—Continued					Northern border ports			
	American vessels		Foreign vessels		Percent American	Total	With cargo	American	Foreign
	Total	With cargo	Total	With cargo					
1881–1890	2,978	2,541	10,741	10,254	21.7	2,754	1,778	472	2,282
1891–1900	3,644	2,914	15,377	14,600	19.2	3,442	2,129	1,394	2,048
1901–1905	4,000	3,284	20,633	19,176	16.2	5,918	3,825	2,812	3,106
1906–1910	4,084	3,498	25,072	23,270	14.0	8,036	5,673	4,198	3,838
1911–1915	5,361	4,522	30,594	28,305	14.9	12,060	8,567	7,161	4,909
1915–1920 [1]	15,455	11,505	24,681	23,346	38.5	13,511	9,637	7,550	5,962
1921–1925	22,556	14,977	31,022	28,057	42.1	13,075	9,236	6,998	6,077
1926–1930	23,338	17,071	41,102	35,510	36.2	15,319	10,504	7,371	7,948
1931–1935	19,653	15,729	35,561	29,261	35.6	10,351	7,309	3,962	6,388
1910–1914	4,778	4,109	30,187	27,915	13.7	11,614	8,380	6,812	4,802
1914–1920 [2]	14,171	10,611	25,245	23,783	36.0	13,190	9,279	7,358	5,832
1922	23,755	14,743	28,044	24,501	45.9	13,040	9,234	8,004	5,036
1923	21,305	14,584	31,910	27,814	40.0	13,409	9,514	6,627	6,782
1924	22,896	15,397	32,397	32,398	41.4	13,616	9,933	7,195	6,421
1925	21,394	14,948	35,766	30,802	37.4	13,068	8,805	6,414	6,654
1926	22,234	15,838	43,349	38,399	33.9	13,458	9,241	6,298	7,160
1927	22,078	16,524	37,681	32,895	36.9	15,682	10,656	7,716	7,966
1928	23,180	16,969	40,151	34,640	36.6	17,336	11,898	8,554	8,782
1929	25,045	18,337	41,985	35,795	37.4	15,313	10,917	6,883	8,431
1930	24,154	17,687	42,346	35,820	36.3	14,808	9,809	7,406	7,402
1931	21,417	16,732	39,787	33,073	35.0	12,297	8,644	5,437	6,860
1932	20,204	16,072	34,695	27,838	36.8	9,547	6,799	3,660	5,886
1933	19,093	15,824	32,990	27,374	36.7	9,204	6,629	3,340	5,864
1934	18,901	15,571	34,261	28,310	35.5	10,540	7,318	3,899	6,641
1935	18,651	14,447	36,071	29,712	34.1	10,165	7,155	3,475	6,690
1936	16,967	13,617	38,414	31,055	30.6	10,686	7,542	3,102	7,583

[1] Average for period July 1, 1915, to Dec. 31, 1920. [2] Average for period July 1, 1914, to Dec. 31, 1920.

Source: Prior to 1936, Bureau of Foreign and Domestic Commerce; thereafter, Bureau of Customs, Treasury Department.

No. 493.—NET TONNAGE OF VESSELS ENTERED AND CLEARED AT SEAPORTS IN FOREIGN TRADE: By Countries of Origin and Destination

NOTE.—**In thousands of net tons.** Only traffic by sea is included. The first column covers years ended June 30, the second column the period July 1, 1914, to Dec. 31, 1920, the others, calendar years. For definition of net tonnage see general note, p. 404

Country	1910–1914, average	1914–1920, average	1921–1925, average	1926–1930, average	1931–1935, average	1934	1935	1936
Total by sea:								
Entered	35,212	37,604	52,959	63,768	54,928	53,132	54,289	65,972
Cleared	34,965	39,417	53,578	64,441	55,214	53,162	54,722	66,066
Belgium:								
Entered	955	392	1,231	1,560	1,068	994	932	1,176
Cleared	1,039	452	1,190	1,280	1,013	996	991	1,106
Denmark:								
Entered	297	373	372	532	451	426	407	251
Cleared	305	498	450	686	402	333	308	138
France:								
Entered	1,047	2,251	1,953	2,321	2,027	1,989	2,050	2,099
Cleared	1,453	3,345	2,250	2,475	2,582	2,770	2,604	2,466
Germany:								
Entered	3,113	290	2,998	3,813	3,806	3,479	3,188	3,111
Cleared	3,474	298	3,165	3,714	3,235	2,610	2,774	2,901
Italy:								
Entered	1,305	2,171	1,707	2,101	1,909	1,833	1,872	1,590
Cleared	1,662	2,489	1,986	2,023	1,869	1,858	2,040	1,572
Netherlands:								
Entered	1,169	1,291	1,654	2,081	1,389	1,399	1,350	1,420
Cleared	1,521	1,459	1,464	1,499	1,050	996	976	1,057
Norway:								
Entered	193	521	384	360	379	348	427	511
Cleared	159	830	412	361	269	278	287	308
Spain:								
Entered	724	838	608	850	674	677	741	587
Cleared	337	490	463	612	597	643	738	469
Sweden:								
Entered	68	240	504	681	695	677	711	901
Cleared	66	440	353	498	412	408	467	573
United Kingdom:								
Entered	7,238	8,765	9,378	10,614	6,087	5,712	5,656	5,955
Cleared	7,162	8,164	8,647	10,577	6,147	5,481	5,806	5,743
Canada:								
Atlantic coast—								
Entered	1,479	1,092	1,201	1,607	2,265	2,294	2,296	2,181
Cleared	1,594	1,007	1,331	1,709	2,267	2,119	2,718	2,427
British Columbia, Yukon—								
Entered	2,539	3,117	4,571	6,619	6,682	6,614	6,095	5,939
Cleared	2,589	3,094	4,573	6,556	6,878	6,938	6,357	6,364
Central America: [1]								
Entered	1,879	1,535	1,734	2,391	2,368	2,410	2,522	2,459
Cleared	2,121	1,610	1,640	2,692	2,801	2,865	2,916	2,956
Mexico:								
Entered	1,789	3,788	8,160	2,840	1,548	1,446	1,616	2,227
Cleared	1,847	3,727	8,391	2,892	1,755	1,704	1,759	2,392
British West Indies, Bermudas, and British Honduras:								
Entered	1,038	564	1,351	1,975	3,210	3,358	3,221	2,775
Cleared	1,181	642	1,435	2,216	3,400	3,381	3,295	3,141
Cuba:								
Entered	3,030	3,450	4,769	5,875	5,435	4,671	4,755	5,229
Cleared	2,449	3,560	4,659	5,832	5,292	4,444	4,719	5,188
Dominican Republic:								
Entered	179	345	380	713	688	644	607	598
Cleared	200	404	449	920	903	865	813	696
Haiti:								
Entered	123	108	105	220	176	171	173	113
Cleared	124	186	230	204	188	167	209	189
Argentina:								
Entered	792	633	1,006	966	499	391	784	833
Cleared	619	762	707	997	358	291	402	498
Brazil:								
Entered	1,131	550	552	918	803	788	847	708
Cleared	558	841	913	1,252	924	936	1,039	1,083
Chile:								
Entered	462	853	975	1,387	545	580	754	840
Cleared	327	797	793	1,058	507	619	625	675
Colombia:								
Entered	199	231	144	958	1,056	974	957	663
Cleared	196	213	226	966	1,015	992	1,141	1,104
British India, British Malaya, and Ceylon:								
Entered	329	347	576	833	704	685	616	707
Cleared	131	204	330	428	289	259	237	273

[1] Not including British Honduras.

No. 493.—Net Tonnage of Vessels Entered and Cleared at Seaports in Foreign Trade: By Countries of Origin and Destination—Contd.

Country	1910–1914, average	1914–1920, average	1921–1925, average	1926–1930, average	1931–1935, average	1934	1935	1936
China, Hong Kong, and Kwantung:								
Entered	442	519	959	1,044	827	771	686	797
Cleared	391	479	963	894	562	614	274	228
Japan:								
Entered	646	733	1,607	2,320	2,169	2,286	2,953	2,651
Cleared	542	796	2,106	3,284	3,815	4,037	4,488	4,374
Philippine Islands:								
Entered	85	132	408	611	1,012	1,248	899	984
Cleared	144	124	359	503	466	537	545	541
Oceania:								
Entered	238	379	509	931	778	761	864	854
Cleared	534	567	946	1,396	831	820	844	779
All other countries:								
Entered	2,725	2,094	3,165	6,649	5,677	5,507	6,310	17,813
Cleared	2,240	1,938	3,149	6,913	5,388	5,201	5,350	16,825

No. 494.—NET TONNAGE OF VESSELS ENTERED AND CLEARED AT SEAPORTS IN FOREIGN TRADE: By Nationality of Vessel

Note.—**In thousands of net tons.** Only traffic by sea and to and from foreign countries is included. The large trade with Canada on the Great Lakes and the St. Lawrence is handled about equally by vessels of the United States and of the British (Canadian) flag. See tables 491 and 492 in which the columns for northern border represent trade with Quebec and Ontario. For periods covered see note, table 493

	1910–1914, average	1914–1920, average	1921–1925, average	1926–1930, average	1931–1935, average	1934	1935	1936
Total by sea:								
Entered	**35,212**	**37,604**	**52,959**	**63,768**	**54,928**	**53,132**	**54,289**	**65,972**
Cleared	**34,965**	**39,417**	**53,578**	**64,441**	**55,214**	**53,162**	**54,722**	**66,066**
American:								
Entered	4,753	13,327	22,526	23,182	19,855	19,186	18,894	20,682
Cleared	4,778	14,171	22,556	23,338	19,653	18,901	18,651	20,069
Total foreign:								
Entered	30,459	24,276	30,433	40,586	35,074	33,946	35,395	45,290
Cleared	30,186	25,245	31,022	41,102	35,561	34,261	36,071	45,998
Belgian:								
Entered	412	269	332	374	274	225	352	246
Cleared	404	283	343	370	269	225	333	245
British:								
Entered	17,901	14,168	16,807	20,189	15,270	14,925	14,528	22,714
Cleared	17,814	14,755	17,064	20,291	15,373	14,851	14,544	22,714
Danish:								
Entered	472	774	929	1,136	917	861	1,050	1,007
Cleared	450	795	928	1,168	902	833	966	1,047
Dutch:								
Entered	1,004	1,007	1,300	1,798	1,634	1,561	1,827	1,884
Cleared	1,007	1,055	1,292	1,809	1,627	1,567	1,793	1,918
French:								
Entered	997	876	1,492	1,870	1,652	1,542	1,809	2,053
Cleared	990	919	1,518	1,905	1,694	1,595	1,935	2,094
German:								
Entered	4,362	107	847	2,654	3,260	2,885	2,936	3,299
Cleared	4,300	79	870	2,736	3,280	2,859	3,000	3,350
Italian:								
Entered	821	1,211	1,490	2,175	1,798	1,665	1,599	1,405
Cleared	850	1,366	1,569	2,150	1,800	1,674	1,690	1,421
Japanese:								
Entered	353	1,099	2,059	2,618	2,473	2,528	2,653	2,676
Cleared	244	1,046	2,235	2,741	2,682	2,765	3,001	3,035
Norwegian:								
Entered	2,679	2,744	2,817	4,026	4,072	4,231	4,829	5,698
Cleared	2,684	2,822	2,784	4,136	4,178	4,321	4,932	5,865
Spanish:								
Entered	413	606	480	571	459	446	495	410
Cleared	398	637	487	586	457	457	481	407
Swedish:								
Entered	70	353	564	985	1,013	983	1,081	1,164
Cleared	70	367	566	1,005	1,017	999	1,092	1,157
All other foreign:								
Entered	975	1,062	1,317	2,190	2,252	2,094	2,236	23,416
Cleared	977	1,122	1,366	2,206	2,281	2,115	2,304	22,809

Source of tables 493 and 494: Prior to 1936, Bureau of Foreign and Domestic Commerce; thereafter, Buerau of Customs, Treasury Department.

No. 495.—EXPORTS (INCLUDING REEXPORTS) AND IMPORTS OF MERCHANDISE: VALUE, BY METHOD OF CARRIAGE

NOTE.—All figures except percentages expressed in millions of dollars. Figures cover fiscal years ended Sept. 30, 1830 and 1840, and June 30, 1850 to 1915, calendar years thereafter. Data were not compiled for 1936

Yearly average or year	Exports (including reexports)					Imports					Water borne—per cent in American vessels	
	Total	Total by water	In American vessels	In foreign vessels	By cars, aircraft, etc. [1]	Total	Total by water	In American vessels	In foreign vessels	By cars, aircraft, etc. [1]	Exports	Imports
1830 [2]	74	74	64	10	(3)	71	71	66	5	(3)	86.6	93.1
1840 [2]	132	132	106	27	(3)	107	107	93	14	(3)	80.0	87.6
1850 [2]	152	152	100	52	(3)	178	178	140	39	(3)	65.5	78.4
1860 [2]	400	400	279	121	(3)	362	362	228	134	(3)	70.0	63.0
1870 [2]	451	451	170	281	(3)	462	462	153	309	(3)	37.7	33.1
1871–1875 [2]	586	578	157	422	8	599	584	170	414	16	27.1	35.1
1876–1880 [2]	711	704	142	562	7	514	501	147	354	13	20.2	29.3
1881–1885	792	773	100	673	19	667	646	130	517	21	12.9	20.1
1886–1890	738	714	76	638	25	717	685	122	563	33	10.6	17.8
1891–1895	892	851	73	778	42	785	748	125	623	38	8.6	16.7
1896–1900	1,157	1,079	78	1,001	79	742	706	101	604	36	7.2	14.4
1901–1905	1,454	1,316	97	1,218	138	972	909	122	787	63	7.4	13.5
1906–1910	1,779	1,576	128	1,448	203	1,345	1,262	159	1,103	83	8.1	12.6
1911–1915	2,371	2,049	187	1,862	322	1,712	1,590	198	1,392	123	9.1	12.5
1915–1920 [4]	6,515	5,712	1,556	4,156	803	3,358	2,961	978	1,984	397	27.2	33.0
1921–1925	4,397	3,788	1,405	2,383	609	3,450	3,013	978	2,035	437	37.1	32.5
1926–1930	4,777	3,983	1,382	2,600	795	4,033	3,509	1,129	2,380	524	34.7	32.2
1931–1935	2,025	1,742	617	1,125	284	1,708	1,507	538	970	200	35.4	35.8
1924	4,591	4,010	1,532	2,478	[1] 581	3,610	3,145	1,012	2,133	466	38.2	32.1
1925	4,910	4,224	1,473	2,751	686	4,227	3,716	1,151	2,565	510	34.9	31.0
1926	4,809	4,050	1,401	2,649	759	4,431	3,891	1,195	2,696	540	34.6	30.7
1927	4,865	4,097	1,434	2,663	768	4,185	3,662	1,215	2,447	523	35.0	33.2
1928	5,128	4,277	1,472	2,804	851	4,091	3,550	1,133	2,418	541	34.4	31.9
1929	5,241	4,322	1,487	2,835	920	4,399	3,807	1,205	2,602	592	34.4	31.6
1930	3,843	3,168	1,117	2,051	675	3,061	2,635	898	1,737	426	35.3	34.1
1931	2,424	2,043	732	1,311	382	2,091	1,829	619	1,210	262	35.8	33.8
1932	1,611	1,385	476	909	226	1,323	1,164	431	734	158	34.4	37.0
1933	1,675	1,471	515	956	204	1,450	1,287	461	826	162	35.0	35.8
1934	2,133	1,837	658	1,179	296	1,636	1,446	528	917	190	35.8	36.5
1935	2,283	1,973	705	1,268	310	2,039	1,813	649	1,164	226	35.8	35.8

TOTAL WATER-BORNE EXPORTS AND IMPORTS COMBINED

Yearly average or year	Total	In American vessels	In foreign vessels	Per cent in American vessels	Yearly average or year	Total	In American vessels	In foreign vessels	Per cent in American vessels
1830 [2]	145	130	15	89.7	1921–1925	6,801	2,383	4,418	35.0
1840 [2]	239	198	41	82.3	1926–1930	7,492	2,511	4,980	33.5
1850 [2]	330	239	91	72.5	1931–1935	3,249	1,155	2,095	35.6
1860 [2]	762	507	255	66.5					
1870 [2]	913	323	590	35.6	1924	7,155	2,544	4,611	35.7
					1925	7,940	2,624	5,316	33.0
1871–1875 [2]	1,162	326	835	30.6	1926	7,941	2,596	5,345	34.0
1876–1880 [2]	1,206	289	917	23.9	1927	7,759	2,649	5,110	34.1
1881–1885	1,419	229	1,190	16.2	1928	7,827	2,605	5,222	33.3
1886–1890	1,398	198	1,200	14.1	1929	8,129	2,692	5,437	33.1
1891–1895	1,598	198	1,400	12.4	1930	5,803	2,015	3,788	34.7
1896–1900	1,784	179	1,605	10.0	1931	3,871	1,351	2,520	34.9
1901–1905	2,225	220	2,005	9.9	1932	2,549	907	1,643	35.6
1906–1910	2,838	287	2,552	10.1	1933	2,758	976	1,782	35.4
1911–1915	3,639	385	3,254	10.6	1934	3,283	1,186	2,097	36.1
1915–1920 [4]	8,673	2,534	6,140	29.2	1935	3,786	1,354	2,432	35.8

[1] Exports include parcel post beginning 1924; imports, beginning 1921.
[2] Includes gold and silver coin and bullion to 1879, inclusive
[3] Included in American and foreign vessels.
[4] Average for period July 1, 1915, to Dec. 31, 1920.

Source: Bureau of Foreign and Domestic Commerce