No. 384.—RURAL ROAD MILEAGE AS OF DECEMBER 31, 1926, AND CONSTRUCTION OF ROADS DURING 1924, 1925, AND 1926

[NOTE.—Figures include county and township roads and also State highway systems shown in Tables 385 and 386. Data included for county and township roads in 1926 were secured from county records and are comparable with similar data secured in 1921. Data for intervening years shown in this and preceding abstracts contain some estimates and are not as accurate as to detail as for 1921 and 1926]

Division and State	Existing mileage Dec. 31, 1926							Mileage graded and drained and mileage surfaced during—		
	Total, all types	Earth roads	Surfaced roads							
			Total	Sand, clay, gravel, etc.	Macadam	Sheet asphalt and concrete	Block pavements	1924 [1]	1925 [1]	1926 [2]
United States	**3,000,190**	**2,450,126**	**550,064**	**405,917**	**85,738**	**53,202**	**5,206**	**51,638**	**73,776**	**116,413**
New England	**83,521**	**59,906**	**23,614**	**16,233**	**5,498**	**1,858**	**26**	**1,089**	**1,218**	**1,343**
Maine	21,003	16,574	4,429	4,098	255	76	1	395	326	187
New Hampshire	11,944	9,725	2,218	1,846	286	86	-------	100	157	214
Vermont	15,036	10,546	4,490	4,337	100	54	-------	195	304	301
Massachusetts	19,097	10,817	8,280	4,344	3,030	886	20	189	219	255
Rhode Island	2,469	1,593	876	250	397	225	3	57	86	84
Connecticut	13,972	10,651	3,321	1,358	1,430	531	2	153	127	302
Middle Atlantic	**187,355**	**129,058**	**58,298**	**23,710**	**21,920**	**11,446**	**1,221**	**3,839**	**4,317**	**5,239**
New York	79,517	52,560	26,957	7,985	14,643	4,022	307	2,316	2,068	2,743
New Jersey	16,665	8,829	7,836	3,827	1,614	2,286	109	344	549	557
Pennsylvania	91,173	67,669	23,505	11,898	5,663	5,138	805	1,179	1,700	1,939
East North Central	**416,505**	**262,650**	**153,853**	**117,561**	**18,716**	**15,367**	**2,217**	**12,713**	**13,827**	**18,296**
Ohio	84,872	42,511	42,361	26,688	11,435	2,449	1,790	971	2,302	6,268
Indiana	73,612	24,171	49,440	43,112	3,855	2,258	222	2,168	1,036	1,329
Illinois	97,620	80,692	16,928	10,695	511	5,528	193	1,968	1,598	1,181
Michigan	81,010	59,312	21,698	16,764	2,069	2,854	12	2,294	1,064	1,408
Wisconsin	79,391	55,964	23,426	20,302	846	2,278	-------	5,312	7,826	8,110
West North Central	**772,949**	**711,445**	**61,503**	**55,735**	**1,660**	**3,860**	**247**	**11,549**	**26,730**	**31,168**
Minnesota	110,223	80,212	30,011	28,970	90	925	25	5,567	4,692	10,694
Iowa	103,115	93,831	9,284	8,631	--------	619	33	1,240	992	2,900
Missouri	110,366	99,323	11,043	8,112	1,370	1,543	17	2,450	4,015	2,012
North Dakota	107,410	105,535	1,874	1,865	--------	10	-------	399	3,836	2,093
South Dakota	118,741	115,231	3,510	3,416	--------	94	-------	995	7,870	5,967
Nebraska	93,992	90,719	3,273	3,132	4	115	22	563	2,855	4,652
Kansas	129,102	126,594	2,508	1,609	196	554	150	336	2,470	2,850
South Atlantic	**366,860**	**284,575**	**82,282**	**60,067**	**13,288**	**7,703**	**1,224**	**5,954**	**8,852**	**13,122**
Delaware	3,797	2,912	884	98	200	579	7	67	85	97
Maryland	14,632	9,992	4,640	1,671	1,917	1,051	1	343	365	346
Virginia	59,698	49,156	10,542	6,852	3,063	627	-------	342	972	1,102
West Virginia	34,800	31,762	3,037	852	1,201	787	197	506	881	1,131
North Carolina	71,529	44,644	26,885	23,151	1,001	2,645	88	1,074	2,627	3,428
South Carolina	56,079	43,604	12,475	12,044	38	377	15	1,024	1,233	1,917
Georgia	97,390	85,973	11,416	10,442	459	513	3	1,424	966	2,057
Florida	28,935	16,532	12,403	4,957	5,409	1,124	913	1,174	1,722	3,046
East South Central	**245,340**	**190,066**	**55,272**	**39,246**	**14,671**	**1,300**	**56**	**3,354**	**4,083**	**7,788**
Kentucky	61,261	46,024	15,236	5,618	9,378	214	26	795	1,168	1,036
Tennessee	64,204	52,967	11,238	5,977	4,797	462	1	863	981	1,497
Alabama	63,251	45,737	17,514	16,867	398	243	5	1,032	570	2,990
Mississippi	56,624	45,338	11,286	10,784	98	381	24	664	1,364	2,265
West South Central	**420,534**	**380,249**	**40,285**	**34,525**	**3,447**	**2,180**	**133**	**3,705**	**4,268**	**25,089**
Arkansas	74,285	68,304	5,981	5,111	353	517	-------	1,441	1,186	4,172
Louisiana	35,411	26,714	8,697	8,586	41	55	15	728	509	2,399
Oklahoma	122,274	119,344	2,930	2,149	13	732	36	332	522	6,700
Texas	188,564	165,887	22,677	18,679	3,040	876	82	1,205	2,050	11,818
Mountain	**327,056**	**301,230**	**25,827**	**23,747**	**573**	**1,506**	-------	**7,450**	**6,279**	**9,735**
Montana	66,987	64,479	2,508	2,460	11	37	-------	658	896	4,451
Idaho	32,986	26,026	6,961	6,305	481	175	-------	1,351	1,550	1,125
Wyoming	45,021	43,737	1,284	1,231	15	38	-------	2,337	456	766
Colorado	65,606	59,608	5,997	5,722	--------	275	-------	406	1,824	1,211
New Mexico	48,028	46,075	1,954	1,880	--------	74	-------	810	350	570
Arizona	21,536	18,466	3,070	2,508	34	528	-------	976	383	353
Utah	23,179	20,579	2,600	2,259	10	330	-------	176	281	885
Nevada	23,713	22,260	1,453	1,382	22	49	-------	736	539	374
Pacific	**180,075**	**130,947**	**49,126**	**35,089**	**5,965**	**7,988**	**84**	**1,985**	**4,203**	**4,633**
Washington	46,730	30,246	16,483	13,143	1,730	1,554	56	397	1,132	1,358
Oregon	51,743	40,164	11,578	9,072	1,060	1,418	28	389	1,120	1,846
California	81,602	60,537	21,065	12,874	3,175	5,016	-------	1,199	1,950	1,429

[1] Includes earth roads partially graded as follows: 1924, 6,408 miles; 1925, 16,076 miles.
[2] Surfaced mileage includes both new surfacing and reconstructed surfacing.

Source: Bureau of Public Roads, Department of Agriculture.

No. 385.—ROAD MILEAGE IN STATE HIGHWAY SYSTEMS AS OF DECEMBER 31, 1926

[NOTE.—These statistics relate only to highways maintained wholly or in part by State governments, not including those maintained only by county or local governments]

Division and State	Total, all types	Earth roads	Surfaced roads				
			Total	Sand-clay, gravel, etc.	Mac-adam	Sheet asphalt and concrete	Block pave-ments
United States	**287, 928**	**124, 869**	**163, 059**	**90, 682**	**31, 356**	**37, 642**	**3, 380**
New England	**12, 632**	**2, 401**	**10, 230**	**6, 142**	**2, 799**	**1, 283**	**5**
Maine	1, 575	269	1, 306	1, 006	228	73	----------
New Hampshire	2, 257	293	1, 963	1, 625	253	85	----------
Vermont	4, 462	1, 323	3, 139	2, 990	98	50	----------
Massachusetts	1, 564	13	1, 551	112	1, 003	433	3
Rhode Island	822	370	452	22	233	196	----------
Connecticut	1, 952	133	1, 819	387	984	446	
Middle Atlantic	**27, 559**	**7, 969**	**19, 591**	**906**	**9, 737**	**8, 238**	**709**
New York	14, 068	4, 214	9, 854	128	6, 180	3, 265	281
New Jersey	1, 458	161	1, 297	267	140	843	47
Pennsylvania	12, 033	3, 594	8, 440	511	3, 417	4, 130	381
East North Central	**41, 760**	**8, 867**	**32, 891**	**14, 550**	**5, 466**	**11, 235**	**1, 641**
Ohio	11, 000	1, 409	9, 591	3, 178	3, 168	1, 758	1, 488
Indiana	4, 263	107	4, 155	1, 601	1, 364	1, 120	71
Illinois	9, 460	4, 964	4, 496	----------	6	4, 413	76
Michigan	6, 757	528	6, 229	3, 633	716	1, 874	6
Wisconsin	10, 280	1, 859	8, 420	6, 138	212	2, 070	----------
West North Central	**48, 130**	**27, 024**	**21, 105**	**17, 167**	**222**	**3, 472**	**243**
Minnesota	6, 931	577	6, 354	5, 498	23	808	25
Iowa	6, 654	3, 184	3, 470	2, 819	----------	617	33
Missouri	7, 640	4, 264	3, 376	1, 824	94	1, 440	17
North Dakota	6, 838	5, 502	1, 335	1, 326	----------	10	----------
South Dakota	5, 924	3, 456	2, 468	2, 465	----------	3	----------
Nebraska	6, 256	3, 492	2, 764	2, 660	----------	84	20
Kansas	7, 887	6, 549	1, 338	575	105	510	148
South Atlantic	**35, 279**	**11, 974**	**23, 304**	**11, 600**	**5, 228**	**5, 886**	**590**
Delaware	590	----------	590	23	19	542	6
Maryland	2, 420	----------	2, 420	359	1, 088	972	1
Virginia	5, 210	1, 372	3, 839	1, 746	1, 581	512	----------
West Virginia	3, 785	2, 052	1, 732	332	693	561	146
North Carolina	[1] 6, 218	754	5, 464	2, 616	513	2, 279	56
South Carolina	5, 143	1, 273	3, 870	3, 500	38	331	----------
Georgia	6, 259	3, 594	2, 664	2, 166	190	308	1
Florida	5, 654	2, 929	2, 725	858	1, 106	381	380
East South Central	**25, 355**	**11, 596**	**13, 759**	**8, 547**	**4, 172**	**996**	**45**
Kentucky	9, 647	5, 454	4, 192	1, 508	2, 471	187	26
Tennessee	5, 051	1, 496	3, 556	1, 565	1, 599	392	----------
Alabama	3, 936	1, 764	2, 172	1, 893	86	193	(2)
Mississippi	6, 721	2, 882	3, 839	3, 581	16	224	19
West South Central	**40, 663**	**20, 962**	**19, 700**	**14, 854**	**2, 853**	**1, 860**	**133**
Arkansas	8, 346	4, 193	4, 153	3, 342	300	511	----------
Louisiana	8, 000	3, 293	4, 707	4, 630	20	42	15
Oklahoma	5, 589	4, 004	1, 584	918	----------	630	36
Texas	18, 728	9, 472	9, 256	5, 964	2, 533	677	82
Mountain	**42, 218**	**29, 107**	**13, 113**	**11, 606**	**456**	**1, 052**	----------
Montana	7, 957	7, 030	927	885	6	36	----------
Idaho	4, 668	2, 231	2, 438	1, 877	404	157	----------
Wyoming	3, 136	2, 207	929	876	15	38	----------
Colorado	8, 967	5, 467	3, 499	3, 248	----------	252	----------
New Mexico	9, 214	7, 530	1, 685	1, 611	----------	74	----------
Arizona	2, 031	610	1, 422	1, 222	10	190	----------
Utah	3, 249	2, 059	1, 190	934	----------	256	----------
Nevada	2, 996	1, 973	1, 023	953	21	49	----------
Pacific	**14, 335**	**4, 968**	**9, 365**	**5, 308**	**423**	**3, 620**	**14**
Washington	3, 284	676	2, 607	1, 970	31	592	14
Oregon	4, 469	1, 248	3, 220	2, 323	----------	897	----------
California	6, 582	3, 044	3, 538	1, 015	392	2, 131	----------

[1] Excludes 249 miles of system in incorporated cities and towns.
[2] Less than five-tenths of 1 mile.

Source: Bureau of Public Roads, Department of Agriculture.

No. 386.—CONSTRUCTION OF ROADS IN STATE HIGHWAY SYSTEMS DURING 1925 AND 1926

[NOTE.—Highways under control of State Highway Departments only]

Division and State	Mileage built during 1926								Mileage built during 1925	
	Total, all types	Earth, improved, graded, and drained	Surfaced roads						Total, all types	Surfaced roads
			Total	New	Reconstructed	Sand-clay and gravel	Macadam	Paved		
United States	27,387	7,060	20,327	17,662	2,665	13,073	2,258	4,996	23,152	17,836
New England	814	17	796	688	109	356	273	168	631	622
Maine	135	--------	135	110	25	95	23	17	46	46
New Hampshire	186	16	169	162	8	137	24	8	147	140
Vermont	139	--------	139	124	15	115	8	16	199	199
Massachusetts	103	--------	103	85	18	1	59	43	88	88
Rhode Island	50	--------	50	50	--------	4	27	20	38	38
Connecticut	201	1	200	157	43	4	132	64	114	112
Middle Atlantic	1,680	313	1,367	1,367	--------	39	344	984	1,687	1,686
New York	581	16	566	566	--------	21	59	486	591	589
New Jersey	54	3	50	50	--------	--------	--------	50	84	84
Pennsylvania	1,045	294	751	751	--------	18	285	448	1,013	1,013
East North Central	4,645	179	4,466	3,461	1,004	2,579	569	1,318	4,321	4,078
Ohio	2,481	70	2,411	1,863	548	1,713	388	310	1,368	1,286
Indiana	386	9	377	299	77	46	133	197	332	306
Illinois	408	46	362	359	3	--------	--------	362	868	733
Michigan	354	--------	354	335	19	154	1	200	437	437
Wisconsin	1,016	54	962	605	357	666	47	249	1,316	1,316
West North Central	8,291	3,335	4,956	4,098	859	4,078	38	839	6,538	4,068
Minnesota	1,728	316	1,412	624	788	1,232	--------	179	878	550
Iowa	994	495	499	464	35	408	--------	91	348	348
Missouri	1,167	344	823	823	--------	343	--------	480	1,677	1,260
North Dakota	977	438	539	532	8	537	--------	2	688	262
South Dakota	473	28	445	445	--------	443	--------	2	1,214	551
Nebraska	1,476	642	834	834	--------	822	--------	12	1,432	967
Kansas	1,476	1,072	404	376	28	293	38	73	301	129
South Atlantic	3,546	532	3,014	2,840	173	1,373	615	1,026	3,202	2,384
Delaware	85	--------	85	85	--------	22	--------	63	73	73
Maryland	148	--------	148	148	--------	24	21	104	185	185
Virginia	187	22	166	166	--------	33	71	62	[1] 202	[1] 173
West Virginia	494	--------	494	486	8	163	208	123	545	285
North Carolina	1,255	395	859	696	163	237	100	523	1,482	977
South Carolina	632	48	584	584	--------	512	--------	72	250	242
Georgia	387	59	328	328	--------	256	27	44	247	232
Florida	358	8	350	347	2	126	188	35	219	218
East South Central	2,004	573	1,432	1,351	81	977	194	261	1,114	829
Kentucky	451	237	214	140	74	90	89	35	382	207
Tennessee	473	181	292	292	--------	42	97	153	376	291
Alabama	496	29	467	460	7	401	8	58	283	267
Mississippi	584	126	459	459	--------	444	--------	15	72	64
West South Central	2,946	1,188	1,758	1,758	--------	1,333	197	229	3,166	2,305
Arkansas	947	516	431	431	--------	429	--------	2	886	586
Louisiana	594	--------	594	594	--------	579	--------	16	424	424
Oklahoma	436	200	236	236	--------	129	--------	107	467	267
Texas	969	472	497	497	--------	196	197	104	1,388	1,028
Mountain	2,160	812	1,349	998	351	1,267	16	68	1,483	1,116
Montana	160	5	155	103	52	153	--------	2	146	139
Idaho	373	104	269	263	6	239	--------	31	230	204
Wyoming	241	104	137	136	1	131	6	--------	203	98
Colorado	407	112	295	69	226	269	--------	27	286	125
New Mexico	482	408	74	69	5	72	--------	2	153	138
Arizona	117	38	79	74	5	64	10	5	92	84
Utah	180	30	150	132	18	149	--------	1	121	121
Nevada	200	11	190	152	38	190	--------	--------	252	206
Pacific	1,302	111	1,190	1,104	86	1,073	15	102	1,010	749
Washington	127	30	96	91	5	77	6	13	338	287
Oregon	910	81	829	789	40	816	--------	13	283	204
California	265	--------	265	224	41	180	9	76	389	257

[1] Data are for July 1 to Dec. 31.

Source: Bureau of Public Roads, Department of Agriculture.

No. 387.—EXPENDITURES FOR RURAL HIGHWAYS BY OR UNDER SUPERVISION OF STATE HIGHWAY DEPARTMENTS, INCLUDING FEDERAL AID

[NOTE.—Figures include expenditures, whether from current revenues or the proceeds of loans, for construction, maintenance, and interest and principal payments on highway bonds]

Division and State	Year in which first State aid law passed	1904	1914	1918	1919	1921	1922	1923	1924	1925
		Thousands of dollars								
United States		2,550	24,221	66,351	106,861	413,242	429,897	447,362	605,665	649,125
New England		1,090	2,967	10,441	11,046	26,758	25,730	31,503	38,339	39,289
Maine	1901	45	467	1,570	1,739	7,372	5,056	6,149	6,960	7,105
New Hampshire	1903	44	492	652	1,361	2,360	2,584	2,993	3,848	4,027
Vermont	1898	127	458	778	901	951	2,132	2,880	2,832	3,618
Massachusetts	1892	576	243	3,522	3,620	7,864	7,000	10,514	13,240	12,881
Rhode Island	1902	79		746	1,132	2,213	1,758	2,052	2,770	3,046
Connecticut	1895	219	1,307	3,173	2,293	5,998	6,599	6,915	8,690	8,612
Middle Atlantic		1,434	11,827	19,323	36,754	101,477	85,697	73,316	112,079	135,603
New York	1898	1,056	8,544	[1] 9,433	13,714	36,857	24,533	38,128	42,258	49,369
New Jersey	1891	250	1,307	1,849	6,320	15,608	23,966	12,032	21,488	23,939
Pennsylvania	1903	128	1,977	8,042	16,719	49,012	37,199	23,156	48,333	62,294
East North Central			4,383	9,287	16,717	68,512	98,150	76,834	116,002	118,903
Ohio	1904		1,855	4,670	4,604	15,547	21,816	12,876	27,080	24,086
Indiana	1917				401	8,110	6,475	9,276	14,920	14,518
Illinois	1905		388	861	4,404	15,693	26,385	30,994	40,851	36,376
Michigan	1905		657	[1] 1,704	4,246	16,744	27,355	15,586	24,270	36,139
Wisconsin	1911		1,482	2,051	3,063	12,417	16,119	8,102	8,882	7,785
West North Central			1,670	3,028	5,686	47,144	64,030	64,700	81,663	84,876
Minnesota	1905		1,310	1,870	2,691	7,480	20,575	10,853	16,762	17,963
Iowa	1904		74	113	614	18,276	16,272	17,980	17,911	14,108
Missouri	1907		277	704	684	4,727	6,399	19,589	26,107	31,594
North Dakota	1909			83	233	1,030	3,489	1,082	21,844	1,862
South Dakota	1911			30	319	4,738	4,861	2,466	[2] 5,596	6,378
Nebraska	1911			201	1,098	4,836	3,955	5,775	6,804	5,564
Kansas	1911		9	25	48	6,058	8,479	6,955	6,639	7,407
South Atlantic		14	916	4,408	7,217	51,181	50,592	79,792	99,992	103,836
Delaware	1903	14	31	430	1,147	3,765	2,898	3,748	3,658	3,493
Maryland	1898		357	2,681	2,237	7,616	5,181	7,762	12,728	12,025
Virginia	1906		524	861	2,262	7,114	8,486	9,849	14,611	14,072
West Virginia	1909			172	480	1,877	8,703	15,665	14,124	16,139
North Carolina	1901		5	[1] 20	1,010	15,100	12,537	28,148	34,733	32,589
South Carolina	1917			49	80	3,941	5,861	4,522	5,887	9,133
Georgia	1908			15		9,664	3,350	5,475	7,301	7,902
Florida	1915			180	(3)	2,103	3,576	4,623	6,949	8,484
East South Central			188	1,516	1,826	16,621	17,553	19,588	36,975	45,006
Kentucky	1912		18	1,000	926	5,757	5,568	6,437	15,470	14,916
Tennessee	1915			403	794	6,328	6,073	4,158	8,405	14,379
Alabama	1911		170	103	65	1,036	3,601	5,117	7,779	10,917
Mississippi	1915			10	40	3,500	2,311	2,876	5,321	4,795
West South Central			276	1,747	3,360	33,952	26,243	40,029	51,925	52,733
Arkansas	1913		115	222	585	7,055	8,414	11,924	11,214	11,200
Louisiana	1910		161	182	(3)	5,347	4,456	6,082	8,843	8,611
Oklahoma	1911			1,047	2,125	4,775	5,150	5,731	6,638	12,938
Texas	1917			296	650	16,775	8,223	16,293	25,230	19,985
Mountain			638	4,618	8,870	28,002	24,512	24,747	30,151	27,387
Montana	1913		14	134	397	3,640	1,998	1,454	1,788	1,267
Idaho	1905		50	491	850	4,863	2,641	2,534	2,585	3,637
Wyoming	1911			68	771	3,701	1,965	3,877	4,805	3,973
Colorado	1909		301	800	1,775	4,156	7,192	5,741	6,491	5,565
New Mexico	1909		116	527	839	3,713	3,566	3,205	4,609	3,323
Arizona	1909			976	1,451	2,948	3,467	2,884	3,071	2,443
Utah	1909		158	1,547	2,445	3,391	2,233	2,709	3,627	4,124
Nevada	1911			75	342	1,590	1,450	2,343	3,174	3,056
Pacific		11	1,354	11,984	15,386	39,596	37,390	37,854	38,541	41,490
Washington	1905		1,343	2,922	2,895	9,970	7,986	7,169	[4] 7,671	7,846
Oregon	1913		11	2,121	5,923	18,246	10,757	10,786	[4] 9,360	15,553
California	1895	11		6,941	6,568	11,380	18,646	19,899	21,509	18,091

[1] Data for 1918 not available; State expenditures shown are for 1917.
[2] Excludes State bridge fund receipts and disbursements.
[3] Data not available.
[4] Excludes expenditures on forest-aid roads, also on market roads for Oregon.

Source: Bureau of Public Roads, Department of Agriculture.

No. 388.—EXPENDITURES FOR RURAL HIGHWAYS: CONSOLIDATED DATA FOR ALL STATES, COUNTIES, TOWNSHIPS, AND DISTRICTS (APPROXIMATE)

[NOTE.—All figures in thousands of dollars. For the items entering into the totals see Table 390]

Division and State	1904	1914	1919	1921	1922	1923	1924	1925	Estimated expenditures, 1926
United States	59,527	240,264	389,456	1,036,588	898,352	996,781	1,181,521	1,288,940	1,030,287
New England	7,356	15,436	25,462	45,361	38,042	40,381	48,353	63,080	62,114
Maine	1,472	2,642	4,525	8,702	9,138	8,684	10,460	11,003	12,883
New Hampshire	873	1,590	2,882	3,699	3,984	4,288	5,311	5,589	5,050
Vermont	567	1,024	2,140	2,150	2,882	3,030	3,502	4,693	4,230
Massachusetts	2,871	6,092	10,225	19,536	10,600	12,161	14,740	26,881	25,000
Rhode Island	377	446	1,847	2,828	2,358	2,878	3,082	3,894	4,665
Connecticut	1,195	3,641	3,844	8,446	9,079	9,341	11,259	11,021	10,285
Middle Atlantic	12,100	40,865	67,990	160,471	156,922	130,125	176,615	247,348	169,641
New York	3,938	23,232	24,448	57,025	46,980	52,422	66,658	89,383	62,391
New Jersey	3,275	7,208	15,320	28,096	33,232	20,116	26,624	55,470	31,200
Pennsylvania	4,887	10,425	28,222	75,350	76,711	57,587	83,333	102,494	76,050
East North Central	15,800	56,445	83,621	267,988	229,737	254,123	284,278	260,899	230,070
Ohio	4,776	14,334	18,213	76,580	47,616	62,876	76,035	73,626	45,500
Indiana	3,438	14,234	18,702	54,502	40,167	54,525	62,502	49,991	53,200
Illinois	3,844	8,735	16,524	39,619	48,092	55,451	51,431	45,154	66,200
Michigan	1,817	9,262	16,525	55,573	53,952	37,691	52,614	60,847	33,500
Wisconsin	1,924	9,880	13,657	41,714	39,911	43,580	41,696	31,281	31,670
West North Central	7,435	33,120	64,779	148,866	129,494	152,413	184,108	176,603	149,282
Minnesota	1,607	6,459	13,223	38,780	32,196	35,327	42,984	44,352	28,000
Iowa	2,344	10,188	16,773	39,325	32,056	34,838	36,946	33,161	29,584
Missouri	1,571	5,513	7,724	16,128	18,399	31,177	42,717	41,224	40,076
North Dakota	456	2,402	6,236	7,247	5,364	5,751	6,080	6,210	8,950
South Dakota	269	1,218	4,244	14,189	11,651	10,105	13,347	13,056	8,600
Nebraska	495	1,796	5,551	10,528	8,955	14,246	19,033	16,041	15,000
Kansas	693	5,544	11,027	22,670	20,875	20,969	23,001	22,560	19,072
South Atlantic	4,530	24,429	35,458	106,657	88,952	151,858	180,087	192,389	133,147
Delaware	91	512	1,994	6,036	3,792	5,432	4,892	6,161	3,830
Maryland	873	6,001	6,965	10,298	7,409	12,945	16,356	15,553	10,316
Virginia	688	3,225	5,140	15,485	14,986	18,849	24,287	22,578	12,886
West Virginia	588	2,484	5,290	10,060	12,300	25,665	27,084	29,098	19,750
North Carolina	624	5,215	6,717	29,324	23,037	43,148	50,783	46,799	26,000
South Carolina	334	1,024	2,435	10,049	9,001	9,437	12,108	19,652	8,040
Georgia	895	3,688	6,917	15,817	8,350	16,506	25,675	20,940	20,325
Florida	437	2,280	(1)	9,588	10,076	19,876	18,903	31,608	32,000
East South Central	2,608	12,755	12,974	51,236	50,162	58,860	72,383	97,015	83,150
Kentucky	1,161	2,475	3,803	12,623	13,706	15,647	24,397	22,118	22,000
Tennessee	729	2,371	4,468	12,697	11,243	14,565	15,167	31,124	27,000
Alabama	378	3,949	1,812	5,608	7,401	14,503	15,764	18,860	21,900
Mississippi	340	3,960	2,890	20,308	17,811	14,147	17,056	24,912	12,250
West South Central	4,018	15,333	32,524	103,820	89,190	78,896	108,791	113,210	97,750
Arkansas	682	1,523	9,381	21,211	11,993	15,484	20,474	22,360	15,500
Louisiana	345	1,778	(1)	14,022	12,585	15,142	18,077	18,557	16,250
Oklahoma	447	2,113	9,052	14,680	10,390	14,196	18,849	28,308	22,000
Texas	2,544	9,920	14,092	53,907	54,223	34,075	51,390	43,985	44,000
Mountain	1,528	9,454	25,143	58,158	39,084	44,220	45,392	46,090	34,133
Montana	309	2,888	2,583	10,383	3,449	4,892	3,593	4,520	2,350
Idaho	202	1,371	4,300	11,807	4,442	5,998	5,585	7,597	4,337
Wyoming	74	670	1,915	4,725	2,646	4,751	5,785	4,650	3,100
Colorado	635	1,938	4,295	9,049	9,722	10,675	11,639	10,520	9,550
New Mexico	35	556	1,584	4,259	4,066	3,659	5,173	3,769	3,756
Arizona	68	983	4,018	10,648	9,047	7,192	4,843	4,048	4,830
Utah	158	803	5,545	5,175	3,763	4,209	5,127	7,274	4,141
Nevada	47	245	902	2,111	1,950	2,844	3,647	3,712	2,070
Pacific	4,152	32,427	41,505	94,031	76,768	85,903	81,514	92,306	71,000
Washington	1,345	7,945	11,616	24,239	16,986	17,239	16,671	15,710	20,000
Oregon	650	5,310	10,391	27,969	15,757	19,991	15,360	28,928	14,000
California	2,157	19,172	19,497	41,823	44,025	48,674	49,483	47,668	37,000

[1] Data not available.

Source: Bureau of Public Roads, Department of Agriculture.

No. 389.—FUNDS AVAILABLE FOR RURAL ROAD PURPOSES: CONSOLIDATED DATA FOR ALL STATES, COUNTIES, TOWNSHIPS, AND DISTRICTS, 1925

[NOTE.—All figures except percentages in thousands of dollars. Funds are those available for the purposes indicated in Table 390]

Division and State	Total	Proceeds of bonds	Per cent of total	Federal aid post-road funds [1]	Per cent of total	Motor vehicle fees and gasoline taxes	Per cent of total	Other taxes and appropriations	Per cent of total	All other sources [2]	Per cent of total
United States	1,560,994	286,815	18.3	92,180	5.9	360,553	23.1	467,705	30.0	354,741	22.7
New England	78,588	1,084	1.4	3,177	4.0	25,095	31.9	28,240	35.9	20,991	26.7
Maine	12,382	911	7.4	320	2.6	3,381	27.3	4,903	39.6	2,868	23.2
New Hampshire	6,609	-------	------	432	6.5	2,313	35.0	1,556	23.5	2,307	34.9
Vermont	5,044	-------	------	389	7.7	1,917	38.0	1,352	26.8	1,386	27.5
Massachusetts	28,630	-------	------	849	3.0	8,735	30.5	14,566	50.9	4,479	15.6
Rhode Island	4,920	173	3.5	308	6.3	2,037	41.4	1,344	27.3	1,059	21.5
Connecticut	21,003	-------	------	879	4.2	6,712	32.0	4,519	21.5	8,892	42.3
Middle Atlantic	313,298	77,521	24.7	13,640	4.4	59,315	18.9	86,509	27.6	76,312	24.4
New York	120,568	4,356	3.8	6,036	5.0	18,539	15.4	46,837	38.8	44,619	37.0
New Jersey	65,017	25,830	39.7	2,438	3.7	13,266	20.4	14,669	22.6	8,814	13.6
Pennsylvania	127,713	47,155	36.9	5,166	4.0	27,510	21.5	25,003	19.6	22,879	17.9
East North Central	315,264	59,002	18.7	13,958	4.4	66,401	21.1	103,845	32.9	72,058	22.9
Ohio	92,109	8,292	9.0	2,688	2.9	17,912	19.4	35,501	38.5	27,716	30.1
Indiana	60,761	9,947	16.4	3,619	6.0	9,302	15.3	25,023	41.2	12,870	21.2
Illinois	50,736	23,533	46.4	2,718	5.4	13,051	25.7	9,049	17.8	2,386	4.7
Michigan	71,009	12,230	17.2	3,608	5.1	20,650	29.1	14,243	20.1	20,277	28.6
Wisconsin	40,649	5,000	12.3	1,325	3.3	5,486	13.5	20,029	49.3	8,809	21.7
West North Central	209,852	29,726	14.2	14,364	6.8	54,158	25.8	74,350	35.4	37,252	17.8
Minnesota	50,752	12,597	24.8	2,082	4.1	12,819	25.3	17,962	35.4	5,292	10.4
Iowa	41,214	180	.4	1,262	3.1	11,195	27.2	15,780	38.3	12,796	31.0
Missouri	46,505	15,558	33.5	4,089	8.8	11,501	24.7	8,800	18.9	6,557	14.1
North Dakota	6,247	-------	------	909	14.6	724	11.6	3,526	56.4	1,087	17.4
South Dakota	13,654	155	1.1	1,710	12.5	4,235	31.0	6,436	47.1	1,118	8.2
Nebraska	20,983	-------	------	1,907	9.1	6,399	30.5	8,211	39.1	4,465	21.3
Kansas	30,497	1,236	4.1	2,405	7.9	7,285	23.9	13,635	44.7	5,937	19.5
South Atlantic	237,716	59,732	25.1	10,976	4.6	47,196	19.9	55,354	23.3	64,458	27.1
Delaware	7,271	2,866	39.4	354	4.9	1,095	15.1	1,235	17.0	1,720	23.7
Maryland	17,145	2,700	15.7	793	4.6	3,441	20.1	6,158	35.9	4,053	23.6
Virginia	24,491	1,037	4.2	1,879	7.7	7,348	30.0	7,516	30.7	6,711	27.4
West Virginia	40,832	12,866	31.5	855	2.1	5,744	14.1	7,612	18.6	13,755	33.7
North Carolina	49,503	21,228	42.9	1,987	4.0	9,478	19.1	11,300	22.8	5,510	11.1
South Carolina	23,772	2,069	8.7	1,396	5.9	5,319	22.4	2,244	9.4	12,744	53.6
Georgia	22,809	941	4.1	2,631	11.5	5,524	24.2	9,490	41.6	4,223	18.5
Florida	51,893	16,025	30.9	1,081	2.1	9,247	17.8	9,799	18.9	15,742	30.3
East South Central	120,852	24,649	20.4	8,211	6.8	21,001	17.4	29,586	24.5	37,406	31.0
Kentucky	17,357	1,000	5.8	1,849	10.7	6,571	37.9	6,346	36.6	1,592	9.2
Tennessee	47,700	12,916	27.1	2,373	5.0	6,274	13.2	6,917	14.5	19,219	40.3
Alabama	22,058	7,201	32.6	2,331	10.6	4,147	18.8	3,959	17.9	4,421	20.0
Mississippi	33,737	3,532	10.5	1,658	4.9	4,009	11.9	12,364	36.6	12,174	36.1
West South Central	132,496	22,840	17.2	11,550	8.7	41,374	31.2	38,102	28.8	18,631	14.1
Arkansas	25,200	2,300	9.1	1,840	7.3	9,650	38.3	8,700	34.5	2,710	10.8
Louisiana	22,278	6,340	28.5	793	3.6	5,700	25.6	5,200	23.3	4,246	19.1
Oklahoma	34,608	5,400	13.0	3,304	9.5	9,541	27.6	7,702	22.3	9,561	27.6
Texas	50,410	9,700	19.2	5,613	11.1	16,483	32.7	16,500	32.7	2,114	4.2
Mountain	52,687	1,969	3.7	10,332	19.6	11,431	21.7	15,650	29.7	13,308	25.3
Montana	5,387	105	1.9	758	14.1	1,169	21.7	1,865	34.6	1,490	27.7
Idaho	9,306	664	7.1	1,142	12.3	2,069	22.2	2,402	25.8	3,030	32.6
Wyoming	4,781	-------	------	1,416	29.6	954	20.0	1,982	41.5	429	9.0
Colorado	12,442	1,087	8.7	1,444	11.6	2,794	22.5	3,803	30.6	3,314	26.6
New Mexico	4,380	-------	------	1,917	43.8	886	20.2	1,224	27.9	353	8.1
Arizona	4,760	-------	------	710	14.9	1,238	26.0	1,568	32.9	1,244	26.1
Utah	8,061	13	.2	1,209	15.0	1,777	22.0	2,281	28.3	2,782	34.5
Nevada	3,570	100	2.8	1,736	48.6	544	15.2	525	14.7	666	18.7
Pacific	100,241	9,293	9.3	5,973	6.0	34,579	34.5	36,069	36.0	14,328	14.3
Washington	16,461	1,328	8.1	1,216	7.4	6,808	41.4	5,418	32.9	1,691	10.3
Oregon	30,877	4,949	16.0	1,857	6.0	8,139	26.4	9,652	31.3	6,280	20.3
California	52,903	3,016	5.7	2,900	5.5	19,632	37.1	20,999	39.7	6,357	12.0

[1] For road and bridge purposes under supervision of State highway departments only.
[2] Includes balance from previous year, miscellaneous income, and funds transferred.

Source: Bureau of Public Roads, Department of Agriculture.

No. 390.—DISTRIBUTION OF EXPENDITURES FOR ALL RURAL ROAD PURPOSES, 1925: All States, Counties, Townships, and Districts

[All figures except percentages in thousands of dollars]

Division and State	Total	Construction roads and bridges	Per cent of total	Maintenance roads and bridges	Per cent of total	Administration and engineering [1]	Per cent of total	Principal and interest on highway bonds	Per cent of total	Equipment and miscellaneous [2]	Per cent of total
United States	1,288,940	651,933	50.6	315,877	24.5	40,703	3.2	176,415	13.7	104,012	8.1
New England	63,080	29,583	46.9	25,746	40.8	2,148	3.4	1,579	2.5	4,024	6.4
Maine	11,003	4,068	37.0	5,582	50.7	240	2.2	553	5.0	559	5.1
New Hampshire	5,589	1,838	32.9	3,438	61.5	87	1.6	------	------	226	4.0
Vermont	4,693	2,549	54.3	1,671	35.6	100	2.1	------	------	374	8.0
Massachusetts	26,881	15,817	58.8	7,804	29.0	1,021	3.8	766	2.8	1,472	5.5
Rhode Island	3,894	1,049	26.9	1,994	51.2	352	9.0	260	6.7	239	6.1
Connecticut	11,021	4,262	38.7	5,257	47.7	348	3.2	------	------	1,154	10.5
Middle Atlantic	247,348	122,328	49.5	48,560	19.6	8,658	3.5	42,890	17.3	24,913	10.1
New York	89,383	46,165	51.6	14,264	16.0	3,086	3.5	10,569	11.8	15,300	17.1
New Jersey	55,470	16,989	30.6	6,462	11.6	1,810	3.3	24,444	44.1	5,765	10.4
Pennsylvania	102,494	59,174	57.7	27,834	27.2	3,762	3.7	7,877	7.7	3,848	3.8
East North Central	260,899	145,265	55.7	55,437	21.2	5,500	2.1	42,105	16.1	12,591	4.8
Ohio	73,626	34,074	46.3	22,729	30.9	744	1.0	14,164	19.2	1,914	2.6
Indiana	49,991	21,260	42.5	11,549	23.1	551	1.1	15,422	30.8	1,210	2.4
Illinois	45,154	32,532	72.0	5,844	12.9	1,812	4.0	3,981	8.8	984	2.2
Michigan	60,847	36,285	59.6	6,787	11.2	1,609	2.6	8,538	14.0	7,629	12.5
Wisconsin	31,281	21,114	67.5	8,528	27.3	784	2.5	------	------	854	2.7
West North Central	176,603	113,800	64.4	37,888	21.5	7,163	4.1	6,270	3.6	11,481	6.5
Minnesota	44,352	22,689	51.2	13,165	29.7	1,819	4.1	2,131	4.8	4,549	10.3
Iowa	33,161	14,270	43.0	12,425	37.5	1,232	3.7	966	2.9	4,267	12.9
Missouri	41,224	32,615	79.1	3,126	7.6	1,986	4.8	2,190	5.3	1,307	3.2
North Dakota	6,210	4,881	78.6	705	11.4	389	6.3	------	------	234	3.8
South Dakota	13,056	9,605	73.6	1,858	14.2	551	4.2	614	4.7	428	3.3
Nebraska	16,041	11,253	70.2	3,373	21.0	349	2.2	369	2.3	696	4.3
Kansas	22,560	18,487	81.9	3,236	14.3	837	3.7	------	------	------	------
South Atlantic	192,389	94,948	49.4	42,102	21.9	6,686	3.5	30,366	15.8	18,289	9.5
Delaware	6,161	3,041	49.4	461	7.5	101	1.6	952	15.5	1,606	26.1
Maryland	15,553	6,177	39.7	5,160	33.2	243	1.6	3,766	24.2	207	1.3
Virginia	22,578	13,943	61.8	5,652	25.0	313	1.4	1,590	7.0	1,080	4.8
West Virginia	29,098	15,419	53.0	4,791	16.5	1,166	4.0	6,760	23.2	962	3.3
North Carolina	46,799	23,962	51.2	7,554	16.1	2,199	4.7	8,368	17.9	4,716	10.1
South Carolina	19,652	8,038	40.9	4,938	25.1	723	3.7	2,099	10.7	3,855	19.6
Georgia	20,940	6,518	31.1	7,587	36.2	1,033	4.9	1,685	8.0	4,118	19.7
Florida	31,608	17,850	56.5	5,959	18.9	908	2.9	5,146	16.3	1,745	5.5
East South Central	97,015	43,099	44.4	27,994	28.9	2,918	3.0	12,862	13.3	10,139	10.5
Kentucky	22,118	12,341	55.8	7,383	33.4	568	2.6	990	4.5	836	3.8
Tennessee	31,124	12,560	40.4	6,447	20.7	1,289	4.1	3,751	12.1	7,076	22.7
Alabama	18,860	9,432	50.0	4,429	23.5	835	4.4	2,984	15.8	1,180	6.3
Mississippi	24,912	8,766	35.2	9,735	39.1	226	.9	5,137	20.6	1,047	4.2
West South Central	113,210	41,753	36.9	34,956	30.9	2,684	2.4	18,206	16.1	15,610	13.8
Arkansas	22,360	4,932	22.1	3,000	13.4	480	2.1	5,800	25.9	8,148	36.4
Louisiana	18,557	7,764	41.8	4,888	26.3	364	2.0	3,006	16.2	2,535	13.7
Oklahoma	28,308	10,949	38.7	11,673	41.2	694	2.5	1,400	4.9	3,591	12.7
Texas	43,985	18,108	41.2	15,395	35.0	1,146	2.6	8,000	18.2	1,336	3.0
Mountain	46,090	24,280	52.7	12,949	28.1	1,762	3.8	3,621	7.9	3,478	7.5
Montana	4,520	1,654	36.6	2,106	46.6	280	6.2	248	5.5	232	5.1
Idaho	7,597	4,789	63.0	1,883	24.8	266	3.5	487	6.4	172	2.3
Wyoming	4,650	2,415	51.9	955	20.5	217	4.7	646	13.9	418	9.0
Colorado	10,520	4,630	44.0	3,398	32.3	250	2.4	978	9.3	1,264	12.0
New Mexico	3,769	2,258	59.9	944	25.0	160	4.2	134	3.6	272	7.2
Arizona	4,048	2,048	50.6	1,379	34.1	352	8.7	------	------	269	6.6
Utah	7,274	3,949	54.3	1,731	23.8	59	.8	900	12.4	635	8.7
Nevada	3,712	2,537	68.3	553	14.9	178	4.8	228	6.1	216	5.8
Pacific	92,306	36,875	39.9	30,242	32.8	3,184	3.4	18,515	20.1	3,489	3.8
Washington	15,710	7,255	46.2	4,766	30.3	719	4.6	2,312	14.7	657	4.2
Oregon	28,928	[3] 13,631	47.1	4,936	17.1	661	2.3	7,494	25.9	2,206	7.6
California	47,668	15,989	33.5	20,540	43.1	1,804	3.8	8,709	18.3	626	1.3

[1] Includes county overhead expenses when reported.
[2] Includes $22,315,117 transferred to State.
[3] Includes $1,117,344 expended on Federal aid forest roads.

Source: Bureau of Public Roads, Department of Agriculture.

No. 391.—HIGHWAY CONSTRUCTION UNDER FEDERAL AID: STATUS AS OF DECEMBER 31, 1927

[Total cost and Federal aid expressed in thousands of dollars]

Division and State	Projects completed prior to Jan. 1, 1928			Projects under construction [1]			Projects approved for construction			Federal aid fund available for new projects
	Total cost	Federal aid	Miles	Total cost	Federal aid	Miles	Total cost	Federal aid	Miles	
Grand total [2]	1,240,302	548,299	64,620	353,497	145,627	13,433	34,751	12,896	1,413	110,803
New England	59,437	23,769	1,560	19,189	5,811	344	1,408	391	29	6,732
Maine	11,653	5,302	398	2,198	746	55	88	44	6	1,735
New Hampshire	6,176	2,924	275	1,346	583	39	61	23	2	370
Vermont	6,480	2,921	181	1,940	683	44				396
Massachusetts	21,444	7,584	420	6,742	1,865	115	218	89	6	2,748
Rhode Island	5,934	2,226	131	1,250	337	21	556	153	9	684
Connecticut	7,750	2,812	155	5,713	1,597	70	485	82	6	739
Middle Atlantic	164,589	58,645	3,506	67,490	17,406	1,089	5,966	1,404	92	12,209
New York	57,743	22,897	1,521	44,347	10,785	671	3,689	721	46	6,907
New Jersey	25,924	8,472	381	4,076	852	56	236	77	6	935
Pennsylvania	80,922	27,276	1,604	19,067	5,769	362	2,041	606	40	4,358
East North Central	193,500	83,762	6,958	68,985	31,050	2,064	7,233	2,946	207	17,607
Ohio	55,750	20,719	1,620	11,663	4,492	303	2,723	1,064	61	4,977
Indiana	23,822	11,451	746	17,491	8,386	534	920	265	33	1,951
Illinois	48,947	22,973	1,546	15,971	7,590	534	2,146	1,073	76	4,485
Michigan	34,057	15,281	1,168	14,425	6,435	375	1,304	495	34	2,555
Wisconsin	30,924	13,338	1,878	9,435	4,147	318	140	49	3	3,639
West North Central	231,720	102,345	18,479	60,019	26,128	4,293	3,338	1,114	287	13,548
Minnesota	50,822	21,023	3,881	3,185	609	211	392	6	14	2,187
Iowa	38,040	16,227	2,744	12,460	5,303	357	811	153	11	1,883
Missouri	45,321	20,916	2,044	8,171	3,592	264	366	183	24	2,905
North Dakota	18,540	9,278	3,033	4,668	2,301	718	530	238	113	1,320
South Dakota	19,557	9,666	2,559	4,965	2,626	773	374	143	55	1,176
Nebraska	19,801	9,490	2,594	12,448	6,141	1,222	542	268	50	1,906
Kansas	39,639	15,745	1,624	14,122	5,556	748	323	123	20	2,171
South Atlantic	161,941	72,691	8,154	38,457	15,399	1,132	2,097	460	50	10,513
Delaware	6,724	2,578	189	934	262	16				366
Maryland	12,137	5,678	493	1,876	913	89				604
Virginia	27,300	12,739	1,183	5,378	2,175	116	26	8	(3)	1,459
West Virginia	12,179	5,272	466	6,613	2,758	234	129	65	7	845
North Carolina	36,864	15,249	1,523	3,267	1,563	92	185	91	7	2,244
South Carolina	19,027	8,491	1,625	8,346	2,220	240	979	26	18	1,180
Georgia	37,361	17,669	2,391	5,403	2,658	175				2,064
Florida	10,349	5,015	284	6,640	2,850	170	778	270	18	1,751
East South Central	90,994	42,099	4,657	33,659	15,526	1,489	2,058	953	129	8,171
Kentucky	24,194	9,970	926	9,809	4,625	421	71	35	5	1,422
Tennessee	26,214	12,424	909	9,109	3,785	241	1,183	516	54	1,782
Alabama	20,519	9,840	1,414	8,669	4,179	507	512	256	40	3,170
Mississippi	20,067	9,865	1,408	6,072	2,937	320	292	146	30	1,797
West South Central	155,990	66,518	9,797	26,117	11,613	1,086	9,012	3,985	359	12,521
Arkansas	22,389	9,551	1,561	4,637	2,063	231				2,551
Louisiana	17,065	7,646	1,224	3,879	1,762	140	1,664	832	54	1,065
Oklahoma	31,172	14,497	1,278	5,386	2,348	341	2,140	1,078	124	1,638
Texas	85,364	34,824	5,734	12,215	5,440	374	5,208	2,075	181	7,267
Mountain	104,729	61,181	8,341	24,430	15,890	1,612	1,735	891	179	19,816
Montana	13,233	7,576	1,202	3,833	2,633	302	1,241	689	132	5,630
Idaho	14,654	7,979	944	2,244	1,353	145	90	50	11	1,046
Wyoming	13,834	7,897	1,360	2,439	1,554	243	61	39	20	949
Colorado	15,589	7,983	830	7,073	3,467	285	36	20	3	3,616
New Mexico	13,977	8,368	1,558	3,295	2,520	215				2,461
Arizona	12,435	6,898	817	1,088	828	66	35	17	(3)	3,990
Utah	10,009	6,395	709	2,735	2,035	170	225	35	4	1,048
Nevada	10,998	8,085	921	1,723	1,500	186	47	41	9	1,076
Pacific	76,896	37,122	3,157	13,527	6,311	300	1,906	750	83	8,533
Washington	19,032	8,662	716	3,093	1,401	72	1,557	543	66	1,815
Oregon	19,808	10,163	1,057	2,626	1,375	77	119	72	8	1,642
California	38,056	18,297	1,384	7,808	3,535	151	230	135	9	5,076
Hawaii	504	168	11	1,624	492	25				1,172

[1] Includes projects reported completed (final vouchers not yet paid) totaling: Estimated cost, $126,481,000; Federal aid, $53,474,000; miles, 4,916.
[2] Includes Hawaii.
[3] Less than five-tenths of 1 mile.

Source: Bureau of Public Roads, Department of Agriculture.

No. 392.—PRODUCTION AND REGISTRATION OF MOTOR VEHICLES

[NOTE.—Figures for earlier years are largely estimates. Beginning with 1921, data include production of plants located in Canada, making motor vehicles of United States design, and foreign assembled cars]

Year	Production [1]						Registration
	Number			Wholesale value (thousands of dollars)			
	Total	Passenger cars	Motor trucks	Total	Passenger cars	Motor trucks	
1900	5,000	5,000					8,000
1901	7,000	7,000					14,800
1902	9,000	9,000					23,000
1903	11,235	11,235		12,650			32,920
1904 [2]	22,830	22,419	411	24,629	23,682	947	55,000
1905	25,000	24,550	450	40,000			78,000
1906	34,000	33,500	500	62,900			107,000
1907	44,000	43,300	700	93,400			142,000
1908	65,000	63,500	1,500	137,800			197,500
1909 [2]	130,986	127,731	3,255	165,149	159,919	5,230	312,000
1910	187,000	181,000	6,000	225,000	213,000	12,000	468,500
1911	210,000	199,319	10,681	246,000	225,000	21,000	639,500
1912	378,000	356,000	22,000	378,000	335,000	43,000	944,000
1913	485,000	461,500	23,500	443,902	399,902	44,000	1,258,062
1914 [2]	569,054	543,679	25,375	458,958	413,859	45,098	1,711,339
1915	969,930	895,930	74,000	701,778	575,978	125,800	2,445,666
1916	1,617,708	1,525,578	92,130	1,082,378	921,378	161,000	3,512,996
1917	1,873,949	1,745,792	128,157	1,274,488	1,053,506	220,983	4,983,340
1918	1,170,686	943,436	227,250	1,236,107	801,938	434,169	6,146,617
1919	1,933,595	1,657,652	275,943	1,885,113	1,461,786	423,327	7,565,446
1920	2,227,349	1,905,560	321,789	2,232,420	1,809,171	423,249	9,231,941
1921	1,682,365	1,529,165	153,200	1,261,667	1,095,883	165,784	10,463,295
1922	2,690,627	2,430,965	259,662	1,793,023	1,571,569	221,454	12,238,375
1923	4,167,455	3,759,704	407,751	2,592,033	2,282,954	309,080	15,092,177
1924	3,733,492	3,317,586	415,906	2,367,413	2,049,102	318,311	[3] 17,593,677
1925	4,427,660	3,896,032	531,628	3,015,164	2,555,419	459,744	[3] 19,937,274
1926	4,503,531	3,975,640	527,891	3,214,817	2,758,446	456,371	[3] 22,001,393
1927	3,573,671	3,086,018	487,653	2,700,706	2,269,056	431,650	[3] 23,127,315

[1] See headnote.
[2] From United States Census reports.
[3] Includes road tractors (excluding farm tractors) not included prior to 1924.

Sources: National Automobile Chamber of Commerce and Bureau of Public Roads.

No. 393.—PRODUCTION OF OPEN AND CLOSED CARS BY PRICE GROUPS IN UNITED STATES AND CANADA [1]

Year	Under $1,000		$1,000 to $2,000		$2,000 to $3,000		$3,000 and over		Per cent closed, all classes
	Open	Closed	Open	Closed	Open	Closed	Open	Closed	
1919	888,500	87,900	532,200	46,300	52,900	16,700	23,100	10,100	9.7
1920	904,900	213,700	545,300	74,300	63,200	17,800	49,700	14,300	17.0
1921	820,100	224,600	287,800	65,000	51,600	30,100	19,500	15,300	22.1
1922	1,343,000	431,400	315,400	207,300	11,700	48,200	8,700	32,100	30.0
1923	2,074,200	994,100	396,300	221,000	7,700	37,500	2,900	27,300	34.0
1924	1,646,700	788,300	203,900	517,000	26,900	93,700	3,800	40,500	43.3
1925	1,354,400	1,342,600	266,300	751,900	28,800	115,200	3,500	37,100	57.6
1926	892,700	1,898,800	154,000	841,000	25,200	129,900	8,100	24,300	72.8
1927	320,100	1,672,500	205,000	715,800	29,700	111,100	5,800	26,100	81.8

[1] Prior to 1922 figures are based only on price of five-passenger open cars of a given chassis. Thus, if this model sold for less than $1,000, the total production of cars with the same chassis is included in the "under $1,000" class, even though closed models sold for over $1,000. In 1922 and later years actual f. o. b. prices of open and closed models are considered separately and the cars included under proper classification.

Source: Automotive Industries. The grouping is based on retail prices f. o. b. factory.

No. 394.—MOTOR-VEHICLE PRODUCTION: UNITED STATES AND CANADA

Month	Passenger cars									
	United States					Canada				
	1923	1924	1925	1926	1927	1923	1924	1925	1926	1927
Total	3,631,728	3,203,049	3,760,459	3,808,753	2,939,191	129,228	117,765	139,311	165,206	146,870
January	222,635	287,417	210,887	277,831	199,650	9,341	9,841	8,301	11,781	11,745
February	253,271	336,094	248,237	325,122	264,171	10,910	12,072	10,779	14,761	14,826
March	322,459	345,900	327,968	387,570	345,911	13,742	15,194	13,014	17,989	19,723
April	338,704	336,814	384,229	389,833	357,009	14,331	14,448	15,515	17,929	20,890
May	348,603	276,755	373,349	375,317	357,150	16,705	15,291	18,351	21,429	21,991
June	336,751	219,798	358,640	343,708	278,729	13,299	10,757	14,249	18,818	16,470
July	298,742	241,322	354,777	319,688	236,868	10,475	8,619	11,140	12,953	8,719
August	315,589	254,019	221,594	382,651	274,381	8,742	5,436	7,430	12,778	10,139
September	299,154	261,875	267,196	352,202	226,443	8,272	6,588	10,372	13,347	8,681
October	334,413	259,836	397,332	292,562	183,042	7,964	6,357	13,921	10,595	6,236
November	284,905	204,173	333,176	222,419	109,758	7,602	5,962	8,741	6,774	5,173
December	276,502	179,046	283,074	139,850	106,079	7,845	7,200	7,498	6,052	2,277
	Motor trucks and busses									
Total	388,527	397,869	505,245	490,049	455,097	17,210	17,481	22,078	39,344	32,556
January	21,667	31,109	29,705	31,713	39,277	789	1,747	1,565	3,698	3,631
February	24,330	34,225	35,340	39,058	40,592	1,129	1,679	1,693	4,077	3,829
March	36,320	36,818	46,457	46,900	48,525	1,382	2,040	2,089	4,385	3,527
April	39,232	39,044	49,554	51,474	47,736	1,617	1,933	1,576	3,573	3,721
May	45,223	37,350	45,918	45,867	46,956	1,996	1,753	1,888	3,505	3,717
June	41,807	31,977	39,850	44,192	43,231	1,616	950	1,794	2,933	2,738
July	31,297	28,990	42,976	39,587	31,608	1,407	1,107	1,845	2,255	2,268
August	31,254	30,630	38,996	43,955	34,438	1,614	880	1,486	2,483	2,387
September	28,738	34,458	58,651	43,485	33,939	1,345	1,351	2,480	3,606	2,581
October	31,038	34,807	44,782	41,859	36,670	1,439	1,270	1,694	4,075	1,555
November	28,692	30,442	39,322	33,882	24,653	1,569	1,081	2,237	3,054	1,444
December	28,929	28,019	33,694	28,077	27,472	1,307	1,690	1,731	1,700	1,158

No. 395.—STATE GASOLINE TAXES

[NOTE. In a majority of States all the proceeds of these taxes, and in all but a few of the others the great bulk of the proceeds are applied to road purposes]

State	Total gross receipts in thousands of dollars			Tax in cents per gallon on Dec. 31—	
	1925	1926	1927	1926	1927
Total	146,029	187,603	258,839	-----	-----
Alabama	2,141	2,559	5,909	2	4
Arizona	856	978	1,389	3	4
Arkansas	[1] 2,950	3,585	[2] 4,339	4	5
California	14,957	16,502	22,467	2	3
Colorado	1,961	2,092	3,140	2	3
Connecticut	1,909	2,689	3,055	2	2
Delaware	342	390	662	2	3
Dist. of Col	890	1,015	1,149	2	2
Florida	7,658	11,431	10,981	4	5
Georgia	4,419	5,653	7,066	3½	4
Idaho	895	1,122	1,572	3	4
Illinois	(3)	(3)	6,200	(3)	2
Indiana	7,653	8,972	10,134	3	3
Iowa	3,505	4,842	7,248	2	3
Kansas	2,905	4,303	4,595	2	2
Kentucky	3,042	4,935	5,913	5	5
Louisiana	2,340	2,709	3,034	2	2
Maine	1,268	1,823	2,289	3	4
Maryland	1,977	2,294	4,169	2	4
Michigan	8,236	10,082	14,261	2	3
Minnesota	3,864	4,805	5,175	2	2
Mississippi	2,494	4,088	[4] 4,891	4	4
Missouri	4,159	5,661	6,331	2	2
Montana	675	871	1,436	3	3
Nebraska	2,194	3,040	3,665	2	2
Nevada	319	406	472	4	4
New Hampshire	707	769	1,269	2	[5] 3
New Jersey	(3)	(3)	4,083	(3)	2
New Mexico	537	763	1,416	3	5
North Carolina	6,082	7,786	8,787	4	4
North Dakota	634	988	1,276	2	2
Ohio	9,010	13,257	19,910	2	3
Oklahoma	5,144	6,212	7,198	3	3
Oregon	2,909	3,334	3,643	3	3
Pennsylvania	8,353	11,782	17,296	2	3
Rhode Island	318	512	916	1	2
South Carolina	3,865	4,497	5,080	5	5
South Dakota	1,848	1,925	2,394	3	4
Tennessee	3,408	3,853	4,476	3	3
Texas	4,642	5,227	15,651	1	3
Utah	1,064	1,258	1,461	3½	3½
Vermont	502	553	905	2	3
Virginia	3,702	5,856	7,140	4½	4½
Washington	3,021	3,482	3,821	2	2
West Virginia	2,187	2,923	3,794	3½	4
Wisconsin	4,032	5,210	6,027	2	2
Wyoming	456	569	756	2½	3

[1] In addition, $438,436 was collected on motor-oil tax of 10 cents per gallon.
[2] Tentative data; accounts to be audited.
[3] No tax imposed.
[4] Includes $130,206 from extra tax in Harrison and Hancock Counties for sea wall to protect State High way.
[5] Tax became 4 cents Jan. 1, 1928.

Sources: Table 394, Bureau of the Census, Department of Commerce; Table 395, Bureau of Public Roads, Department of Agriculture.

No. 396.—MOTOR VEHICLE REGISTRATIONS: PASSENGER CARS AND MOTOR TRUCKS COMBINED, BY STATES

[NOTE.—Net number of cars and trucks shown when possible, excluding reregistrations and nonresident registrations. Totals in this table do not include those official cars which are exempt (or partially exempt) from paying regular registration fees to the States]

Division and State	1913	1915	1920	1924 [1]	1925 [1]	1926 [1]	1927 [1]	
							Total	Per 1,000 population
United States	1,258,062	2,445,666	9,231,941	17,593,677	19,937,274	22,001,393	23,127,315	195
New England	121,327	206,609	573,321	1,143,222	1,290,151	1,378,721	1,432,801	175
Maine	11,022	21,545	62,907	127,598	140,499	151,486	163,623	206
New Hampshire	8,237	13,449	34,680	71,149	81,498	89,001	96,009	211
Vermont	5,913	11,499	31,625	[2] 61,179	69,576	74,063	79,527	226
Massachusetts	62,660	102,633	274,498	570,578	646,153	690,190	694,107	164
Rhode Island	10,295	16,362	50,477	95,482	101,756	110,746	118,014	168
Connecticut	23,200	41,121	119,134	217,236	250,669	263,235	281,521	172
Middle Atlantic	266,033	497,227	1,474,106	3,146,194	3,536,570	3,922,033	4,205,229	169
New York	134,495	255,242	676,205	1,412,879	1,625,583	1,815,434	1,937,918	170
New Jersey	51,360	81,848	227,737	504,470	580,554	651,415	712,396	190
Pennsylvania	80,178	160,137	570,164	1,228,845	1,330,433	1,455,184	1,554,915	160
East North Central	314,524	653,665	2,229,398	4,405,307	4,918,383	5,404,142	5,676,418	231
Ohio	86,156	181,332	621,390	1,241,600	1,346,400	1,480,246	1,570,734	234
Indiana	45,000	96,915	333,067	651,705	725,410	772,326	813,637	258
Illinois	94,656	180,832	568,924	1,119,236	1,263,177	1,370,503	1,438,985	197
Michigan	54,366	114,845	412,717	867,545	989,010	1,118,785	1,154,773	257
Wisconsin	34,346	79,741	293,298	525,221	594,386	662,282	698,289	239
West North Central	232,044	499,992	1,782,946	2,639,413	2,941,814	3,167,938	3,239,370	246
Minnesota	46,000	93,269	324,166	503,437	569,694	630,285	646,682	241
Iowa	70,299	145,109	437,378	616,128	659,202	698,998	704,203	290
Missouri	38,140	76,462	297,008	540,500	604,166	654,554	682,419	194
North Dakota	15,187	24,908	90,840	117,346	144,972	157,822	160,701	251
South Dakota	14,457	28,724	120,395	142,396	168,028	168,230	169,552	244
Nebraska	13,411	59,000	219,000	308,715	338,719	366,773	373,912	268
Kansas	34,550	72,520	294,159	410,891	457,033	491,276	501,901	275
South Atlantic	77,823	150,594	806,053	1,642,194	1,920,982	2,204,899	2,338,668	147
Delaware	2,440	5,052	18,300	35,136	40,140	44,834	47,124	194
Maryland	14,217	31,047	102,841	198,465	234,247	252,852	270,935	170
Dist. of Columbia	4,000	8,009	34,161	88,762	103,092	111,497	111,680	207
Virginia	9,022	21,357	115,470	261,945	282,650	322,614	337,607	133
West Virginia	5,144	13,279	80,664	191,085	217,589	227,836	245,819	145
North Carolina	10,000	21,000	140,860	302,232	[3] 340,287	[3,5] 385,047	[3] 430,499	149
South Carolina	10,000	15,000	93,843	161,753	168,496	181,189	199,635	108
Georgia	[4] 20,000	25,000	146,000	207,688	248,093	277,468	300,635	95
Florida	[4] 3,000	[4] 10,850	73,914	195,128	286,388	401,562	394,734	290
East South Central	26,360	48,421	357,658	726,426	878,115	992,326	1,041,770	111
Kentucky	7,210	19,500	112,683	229,804	261,647	281,557	285,621	113
Tennessee	[5] 10,000	[6] 7,618	101,852	204,680	244,626	279,639	294,567	119
Alabama	5,300	11,634	74,637	157,262	194,580	225,930	243,539	96
Mississippi	3,850	9,669	68,486	134,680	177,262	205,200	218,043	122
West South Central	48,583	84,433	772,655	1,491,719	1,790,017	1,998,726	2,076,101	178
Arkansas	3,583	8,021	59,082	141,983	183,589	209,419	206,568	107
Louisiana	[5] 10,000	11,380	73,000	[7] 178,000	207,000	239,500	255,000	132
Oklahoma	[4] 3,000	25,032	212,880	369,903	424,345	499,938	503,126	211
Texas	[5] 32,000	[5] 40,000	427,693	801,833	975,083	1,049,869	1,111,407	206
Mountain	33,215	78,520	374,473	591,750	675,706	735,286	794,608	198
Montana	5,916	14,540	60,650	79,695	94,656	103,958	112,735	158
Idaho	2,113	7,071	50,861	69,227	81,506	94,760	101,336	190
Wyoming	1,584	3,976	23,926	43,639	47,711	49,883	51,955	216
Colorado	13,000	28,894	129,255	213,247	240,097	248,613	268,492	250
New Mexico	1,898	5,100	22,100	41,680	49,111	54,996	59,291	151
Arizona	3,613	7,753	34,601	57,828	68,029	73,682	81,047	177
Utah	4,000	9,177	42,616	68,316	73,427	85,380	93,976	180
Nevada	1,091	2,009	10,464	18,118	21,169	24,014	25,776	335
Pacific	138,153	226,205	861,333	1,807,452	1,985,536	2,197,322	2,322,350	337
Washington	24,178	38,823	173,920	295,443	328,442	363,279	384,583	246
Oregon	13,975	23,585	103,790	192,615	216,553	233,568	244,572	275
California	[5] 100,000	163,797	583,623	1,319,394	1,440,541	1,600,475	1,693,195	382

[1] Includes road tractors (excluding farm tractors) not included prior to 1924.
[2] Includes nonresident registrations.
[3] Fiscal registration year ends June 30; figures represent registration July 1 to Dec. 31.
[4] Registrations incomplete.
[5] Estimated.
[6] Cars registered during 1915 only; total, approximately 26,000.
[7] Approximate.

Source: Bureau of Public Roads, Department of Agriculture.

No. 397.—REGISTRATIONS AND REVENUES FROM MOTOR VEHICLES, 1927

Division and State	Number of motor cars: Total	Number of motor cars: Individually and commercially owned, registered: Passenger cars, busses, and taxis	Number of motor cars: Individually and commercially owned, registered: Trucks and road tractors	Number of motor cars: Tax-exempt official motor cars	Trailers, registered [1]	Motor cycles (registered and official combined)	Receipts from motor-vehicle administration: Total receipts [2]	Receipts from motor-vehicle administration: Registration motor cars [3]	Amount applied to rural highway work
							Thousands of dollars		
United States	[4] 23,262,183	20,230,429	2,896,886	[4] 134,868	123,451	124,359	301,061	239,515	261,651
New England	1,438,701	1,241,379	191,422	5,900	2,227	15,245	28,387	22,578	26,465
Maine	164,860	132,927	30,696	1,237	1,012	1,311	2,558	1,981	[5] 2,357
New Hampshire	96,031	83,415	12,594	22	565	1,387	1,915	1,537	1,759
Vermont	79,555	73,308	6,219	28	--------	601	1,879	1,611	1,759
Massachusetts	695,463	614,359	79,748	1,356	443	7,245	13,136	10,558	11,870
Rhode Island	118,741	98,861	19,153	727	57	1,337	2,093	1,694	1,914
Connecticut	284,051	238,509	43,012	2,530	150	3,364	6,806	5,197	6,806
Middle Atlantic	4,228,338	3,565,593	639,636	23,109	12,543	39,646	70,739	57,364	63,598
New York	1,951,700	1,624,535	313,383	13,782	6,936	17,609	31,758	28,376	26,816
New Jersey	719,398	586,510	125,886	7,002	1,827	7,770	12,964	9,294	12,431
Pennsylvania	1,557,240	1,354,548	200,367	2,325	3,780	14,267	26,017	19,694	24,351
East North Central	5,697,224	4,934,758	741,660	20,806	40,075	24,012	58,773	55,443	56,445
Ohio	1,582,163	1,374,402	196,332	11,429	12,134	7,749	10,745	10,399	10,379
Indiana	820,904	697,359	116,278	7,267	6,599	3,501	5,431	5,069	5,179
Illinois	1,439,964	[6] 1,254,421	[6] 184,564	[7] 979	3,489	6,135	14,840	13,929	14,797
Michigan	1,155,144	[6] 998,781	[6] 155,992	[7] 371	17,853	3,585	17,984	16,528	16,867
Wisconsin	699,049	609,795	88,494	760	--------	3,042	9,773	9,518	9,223
West North Central	3,251,596	2,912,492	326,878	12,226	7,023	8,753	43,206	27,472	41,787
Minnesota	649,384	565,401	81,281	2,702	3,286	2,295	10,234	10,111	10,213
Iowa	707,074	649,309	54,894	2,871	170	1,787	10,372	9,743	9,958
Missouri	684,158	610,303	72,116	1,739	1,739	1,838	8,253	--------	[8] 7,851
North Dakota	160,704	144,830	15,871	3	--------	277	1,595	1,570	[9] 1,425
South Dakota	170,656	153,019	16,533	1,104	--------	229	2,492	2,473	2,425
Nebraska	375,167	[6] 342,357	[6] 31,555	1,255	1,828	1,109	3,741	3,575	3,629
Kansas	504,453	447,273	54,628	2,552	--------	1,218	6,519	--------	6,266
South Atlantic	2,358,034	2,073,725	264,943	19,366	5,722	11,677	28,444	22,925	25,673
Delaware	47,168	38,037	9,087	44	243	313	846	674	846
Maryland	273,854	265,768	5,167	2,919	616	2,415	2,988	2,347	2,151
Dist. Columbia	114,648	98,162	13,518	2,968	--------	1,363	531	120	--------
Virginia	338,748	288,666	48,941	1,141	466	2,278	5,236	4,840	4,978
West Virginia	247,714	217,689	28,130	1,895	392	1,431	4,004	3,605	3,710
North Carolina [10]	436,347	390,223	40,276	5,848	1,618	1,194	3,247	--------	[11] 3,097
South Carolina	199,726	179,571	20,064	91	1,387	325	2,187	2,079	2,187
Georgia	301,569	262,630	38,005	934	--------	909	3,713	3,659	3,598
Florida	398,260	332,979	61,755	3,526	[11] 1,000	1,449	5,692	5,601	5,106
East South Central	1,046,889	932,850	108,920	5,119	3,789	2,159	13,815	9,635	13,246
Kentucky	287,453	255,892	29,729	1,832	--------	752	4,365	4,304	4,141
Tennessee	297,613	269,086	25,481	3,046	(1)	904	3,766	--------	3,675
Alabama	243,706	211,633	31,906	167	1,472	420	3,127	3,110	3,001
Mississippi	218,117	196,239	21,804	74	2,317	83	2,557	2,221	2,431
West South Central	2,080,120	1,824,697	251,404	4,019	15,303	5,115	29,242	18,665	28,570
Arkansas	207,343	174,524	32,044	775	1,977	324	3,662	3,619	3,589
Louisiana	255,209	216,000	39,000	209	3,500	510	4,199	--------	4,199
Oklahoma	503,656	437,776	65,350	530	--------	1,200	5,754	--------	5,754
Texas	1,113,912	996,397	115,010	2,505	9,826	3,081	15,627	15,046	15,028
Mountain	800,049	715,275	79,333	5,441	571	3,172	6,648	5,687	6,341
Montana	114,122	94,733	18,002	1,387	--------	165	1,136	1,039	1,105
Idaho	102,649	91,306	10,030	1,313	186	440	1,502	1,459	1,502
Wyoming	52,421	45,539	6,416	466	--------	134	526	515	526
Colorado	268,775	245,107	23,385	283	88	1,362	1,600	1,500	1,520
New Mexico	60,077	57,643	1,648	786	193	170	528	502	474
Arizona	82,038	79,802	1,245	991	--------	271	454	443	454
Utah	94,149	80,731	13,245	173	--------	531	672	--------	540
Nevada	25,818	20,414	5,362	42	104	99	230	229	220
Pacific	2,353,373	2,029,660	292,690	31,023	36,193	14,580	21,805	19,748	19,545
Washington	389,902	326,667	57,916	5,319	2,072	2,645	6,482	5,930	5,834
Oregon	245,845	223,582	20,990	1,273	--------	2,030	6,527	6,326	6,160
California	1,717,626	[6] 1,479,411	[6] 213,784	[12] 24,431	34,126	9,905	8,796	7,492	7,551

[1] Some States include trailers with trucks, as noted; other States do not register same.
[2] Includes registration fees, licenses, permits, fines, etc.; excludes gasoline taxes.
[3] Totals include only the 41 States shown; separate data not available for other 7 States.
[4] Includes 7,859 "cars-at-large" not allocated to any State. [5] Includes $140,000 for State police.
[6] Busses included with trucks. [7] State and local cars included in preceding columns; $2 fee charged.
[8] Includes $1,006,000 administration State highway department.
[9] Includes $130,000 special bridge fund.
[10] July 1 to Dec. 31 only, as registration year commenced July 1. [11] Estimated.
[12] Includes over 8,000 cars and trucks of public-service corporations exempt by law.

Source: Bureau of Public Roads, Department of Agriculture.

No. 398.—WORLD REGISTRATION OF AUTOMOTIVE VEHICLES

[NOTE.—Figures for some countries are estimates, but in most cases they are official registrations]

Country	Automobiles, Jan. 1, 1928					Total automobiles, Jan. 1, 1925	Motor cycles, Jan. 1, 1928
	Total number	Passenger cars	Motor trucks	Busses	Ratio inhabitants per vehicle		
World total	**29, 687, 300**	**25, 168, 741**	**4, 314, 177**	**204, 382**	**64**	**21, 455, 971**	**1, 944, 229**
United States (continental)	**23, 262, 183**	**20, 279, 661**	**2, 896, 886**	**85, 636**	**5**	**17, 740, 236**	**124, 359**
Other countries, total	**6, 425, 117**	**4, 889, 080**	**1, 417, 291**	**118, 746**	----------	**3, 715, 735**	**1, 819, 870**
Alaska	1, 948	1, 384	564	----------	28	950	1
Algeria	30, 550	25, 750	4, 000	800	199	17, 400	1, 000
Argentina	266, 030	224, 803	39, 927	1, 300	40	130, 000	2, 017
Australia	423, 521	346, 885	75, 585	1, 051	15	198, 000	84, 683
Austria	23, 673	14, 118	8, 805	750	276	14, 865	28, 006
Belgium	108, 000	72, 000	[1] 36, 000	(1)	73	92, 700	31, 000
Brazil	136, 000	95, 000	40, 000	1, 000	298	41, 750	800
British East Africa	9, 011	6, 522	2, 489	----------	1, 142	3, 064	3, 507
British Malaya	29, 791	24, 241	3, 886	1, 664	123	17, 500	4, 786
British West Africa	23, 121	[2] 15, 749	[2] 7, 372	(2)	947	6, 550	3, 645
Bulgaria	1, 843	1, 406	437	----------	3, 037	1, 003	262
Canada	949, 504	840, 336	107, 972	1, 196	10	690, 692	7, 604
Canary Islands	4, 763	3, 354	1, 189	220	107	2, 550	106
Ceylon	14, 417	10, 410	1, 872	2, 135	355	6, 312	2, 923
Chile	19, 271	14, 900	2. 771	1, 600	209	10, 000	200
China	20, 464	15, 934	2, 170	2, 360	21, 257	10, 102	1, 042
Colombia	10, 236	6, 420	3, 596	220	712	3, 000	47
Cuba	44, 937	31, 190	11, 955	1, 792	79	32, 000	317
Czechoslovakia	39, 950	28, 370	10, 560	1, 020	360	12, 308	23, 540
Danzig	1, 930	1, 302	549	79	199	1, 771	867
Denmark	83, 900	66, 000	17, 000	900	41	47, 352	22, 000
Dominican Republic	3, 985	3, 089	881	15	257	2, 210	94
Egypt	21, 890	18, 342	2, 378	1, 170	647	10, 300	3, 245
Finland	25, 038	17, 405	6, 340	1, 293	142	5, 950	4, 856
France	956, 000	656, 000	290, 000	10, 000	43	575, 000	158, 000
French Indo-China	13, 746	11, 544	629	1, 573	1, 468	5, 800	1, 888
French Morocco	13, 390	9, 828	[1] 3, 562	(1)	316	5, 600	1, 166
Germany	456, 000	332, 000	117, 000	7, 000	137	219, 990	405, 000
Greece	13, 885	9, 300	2, 800	1, 785	492	5, 500	475
Guatemala	2, 473	1, 781	672	20	992	920	130
Haiti	2, 043	1, 491	375	177	1, 126	1, 000	16
Hawaii	37, 206	30, 292	6, 746	168	8	22, 600	446
Hungary	13, 001	9, 259	3, 372	370	650	4, 610	4, 905
India	95, 684	73, 698	[1] 21, 986	(1)	3, 333	55, 900	14, 294
Iraq	2, 825	2, 477	344	4	1, 119	[3] 800	250
Irish Free State	36, 763	29, 136	7, 092	535	81	25, 500	7, 824
Italy	158, 600	120, 000	35, 000	3, 600	257	95, 000	53, 500
Jamaica	5, 727	4, 339	1, 324	64	164	3, 600	473
Japan, including Chosen	57, 463	36, 335	16, 772	4, 356	1, 379	23, 239	17, 886
Mexico	57, 139	42, 046	11, 498	3, 595	254	29, 600	548
Netherland East Indies	27, 294	22, 194	[1] 5, 100	(1)	1, 950	36, 252	7, 734
Netherlands	73, 894	46, 977	23, 815	3, 102	103	34, 000	28, 965
New Zealand	134, 215	111, 385	21, 677	1, 153	10	60, 600	35, 071
Norway	32, 350	19, 900	11, 250	1, 200	86	21, 000	5, 700
Palestine and Syria	7, 533	6, 244	766	523	511	3, 589	303
Panama and Canal Zone	4, 584	3, 988	235	361	103	3, 508	320
Persia	6, 560	4, 800	1, 700	60	1, 524	2, 180	500
Peru	10, 525	6, 200	3, 950	375	523	5, 000	200
Philippine Islands	28, 810	20, 547	5, 510	2, 753	408	14, 828	767
Poland	21, 922	16, 772	3, 606	1, 544	1, 350	13, 420	3, 734
Porto Rico	13, 679	10, 489	2, 815	375	105	11, 456	151
Portugal	21, 809	18, 609	3, 000	200	260	9, 700	2, 211
Rumania	20, 819	15, 039	4, 764	1, 016	851	9, 800	897
Russia	18, 673	8, 168	9, 421	1, 084	7, 872	[3] 15, 000	7, 160
Spain	176, 075	[4] 134, 050	42, 025	(4)	126	70, 000	18, 125
Sweden	109, 522	81, 465	26, 230	1, 827	55	62, 000	38, 340
Switzerland	53, 000	43, 450	9, 000	550	75	29, 848	32, 000
Trinidad and Tobago	3, 918	3, 245	515	158	99	1, 850	748
Tunisia	5, 350	4, 800	450	100	404	3, 926	700
Turkey	7, 000	5, 500	750	750	1, 950	2, 600	400
Union of South Africa	101, 200	93, 000	7, 500	700	74	50, 300	32, 000
United Kingdom	1, 194, 335	855, 883	295, 762	42, 690	38	770, 839	693, 213
Uruguay	34, 575	28, 100	5, 950	525	50	16, 689	150
Venezuela	12, 650	9, 500	3, 000	150	239	4, 400	750
Yugoslavia	10, 475	8, 866	1, 589	20	1, 147	5, 970	3, 030
All other	78, 632	55, 473	19, 441	3, 718	----------	23, 902	13, 352

[1] Busses included with trucks.
[2] Passenger cars include busses and some trucks.
[3] Includes motor cycles.
[4] Busses included with passenger cars.

No. 399.—AUTOMOBILE FATALITIES[1] IN STATES AND LARGE CITIES HAVING DEATH REGISTRATION

[NOTE.—See Table 78 for per cent of total population included in the registration area for each year. Total fatalities for registration area: 1910, 980; 1911, 1,291; 1912, 1,758; 1913, 2,488; 1914, 2,826; 1915, 3,978; 1916, 5,193; 1917, 6,724; 1918, 7,525; 1919, 7,968; 1920, 9,103. Rate per estimated 100,000 population: 1910, 1.8; 1911, 2.2; 1912, 2.9; 1913, 3.9; 1914, 4.3; 1915, 5.9; 1916, 7.3; 1917, 9; 1918, 9.3; 1919, 9.4; 1920, 10.4]

State	Number of deaths						Rate per estimated 100,000 population					
	1921	1922	1923	1924	1925	1926	1921	1922	1923	1924	1925	1926
Registration area in continental United States	10,168	11,666	14,411	15,528	17,571	18,871	11.5	12.5	14.9	15.7	17.0	17.9
Registration States[2]	9,903	11,466	14,157	15,221	17,149	18,419	11.4	12.5	14.8	15.6	16.9	17.8
Cities[2]	6,535	7,446	8,948	9,553	10,640	11,071	15.3	16.9	19.6	20.6	22.4	22.8
Rural	3,368	4,020	5,209	5,668	6,509	7,348	7.6	8.4	10.4	11.1	12.1	13.4
Cities in nonregistration States	265	240	254	307	422	452	17.9	15.6	18.5	20.0	23.6	24.0
All registration cities[2]	6,800	7,646	9,202	9,860	11,062	11,523	15.4	16.8	19.5	20.5	22.4	22.8
REGISTRATION STATES												
Alabama	(3)	(3)	(3)	(3)	252	319	(3)	(3)	(3)	(3)	10.1	12.6
Arizona	(3)	(3)	(3)	(3)	(3)	116	(3)	(3)	(3)	(3)	(3)	26.1
California	876	960	1,239	1,254	1,327	1,464	24.4	26.0	32.6	32.0	31.7	33.9
Colorado	121	159	157	158	146	175	12.6	16.3	15.9	15.7	14.0	16.5
Connecticut	220	216	249	277	340	307	15.5	14.9	16.9	18.4	21.6	19.1
Delaware	17	24	55	46	37	50	7.5	10.5	23.9	19.8	15.5	20.8
Florida	104	122	170	242	449	515	10.4	11.9	16.2	19.7	35.5	39.1
Georgia	(3)	215	259	307	(4)	(4)	(3)	7.2	8.6	10.1	(4)	(4)
Idaho	(3)	21	51	54	56	77	(3)	4.6	10.8	11.2	11.0	14.3
Illinois	887	1,003	1,031	1,065	1,268	1,338	13.4	15.0	15.2	15.5	17.9	18.6
Indiana	266	306	433	480	509	547	9.0	10.2	14.4	15.8	16.4	17.5
Iowa	(3)	(3)	242	211	271	264	(3)	(3)	9.8	8.7	11.2	10.9
Kansas	166	175	217	169	240	241	9.3	9.8	12.1	9.4	13.2	13.2
Kentucky	105	128	166	197	237	277	4.3	5.2	6.7	8.0	9.4	11.0
Louisiana	97	104	158	210	241	271	5.3	5.7	8.5	11.3	12.7	14.1
Maine	56	79	91	91	98	100	7.3	10.2	11.7	11.7	12.5	12.7
Maryland	177	224	243	246	271	312	12.0	15.0	16.1	16.2	17.4	19.7
Massachusetts	523	496	611	685	729	682	13.3	12.5	15.2	16.7	17.6	16.2
Michigan	441	574	738	863	955	1,112	11.6	14.8	18.6	21.2	22.3	25.3
Minnesota	216	260	328	366	361	326	8.9	10.5	13.1	14.5	13.8	12.3
Mississippi	46	60	78	125	170	215	2.6	3.4	4.4	7.0	9.5	12.0
Missouri	276	321	398	449	509	493	8.1	9.4	11.6	13.0	14.6	14.1
Montana	48	48	49	69	84	93	8.3	8.1	8.0	11.0	12.5	13.4
Nebraska	104	131	123	113	125	154	7.9	9.9	9.2	8.4	9.1	11.1
New Hampshire	38	49	59	61	87	68	8.5	11.0	13.2	13.6	19.2	15.0
New Jersey	484	543	672	746	771	792	14.9	16.4	19.9	21.7	21.4	21.5
New York	1,632	1,788	1,930	1,985	2,111	2,178	15.4	16.7	17.8	18.0	18.9	19.3
North Carolina	139	169	258	328	376	455	5.3	6.4	9.6	12.0	13.4	15.9
North Dakota	(3)	(3)	(3)	45	59	70	(3)	(3)	(3)	7.0	9.2	10.9
Ohio	734	818	1,078	1,024	1,285	1,317	12.4	13.6	17.6	16.5	19.9	20.0
Oregon	103	113	120	144	144	187	12.9	13.9	14.6	17.3	16.7	21.3
Pennsylvania	1,060	1,260	1,592	1,535	1,576	1,734	11.9	14.0	17.5	16.7	16.6	18.0
Rhode Island	83	93	97	113	133	127	13.5	15.0	15.5	16.9	19.6	18.3
South Carolina	74	76	119	167	179	192	4.3	4.4	6.8	9.5	9.9	10.5
Tennessee	134	160	171	232	278	312	5.7	6.7	7.1	9.6	11.4	12.6
Utah	53	59	60	81	89	80	11.5	12.6	12.6	16.7	17.7	15.6
Vermont	23	39	46	48	56	45	6.5	11.1	13.1	13.6	15.9	12.8
Virginia	140	137	200	240	271	303	6.0	5.8	8.3	9.9	10.9	12.0
Washington	202	173	240	265	299	342	14.5	12.3	16.7	18.2	19.8	22.2
West Virginia	(3)	(3)	(3)	(3)	208	231	(3)	(3)	(3)	(3)	12.7	13.8
Wisconsin	205	271	292	363	397	384	7.7	10.0	10.7	13.1	13.9	13.3
Wyoming	(3)	28	51	59	67	56	(3)	13.5	24.1	27.2	29.3	23.7
REGISTRATION CITIES												
Akron	31	25	40	39	60	62	14.9	12.0	(5)	(5)	(5)	(5)
Albany	31	21	27	28	35	41	26.9	18.1	23.0	23.9	29.7	34.5
Atlanta	38	54	55	53	65	68	18.3	24.7	24.7	(5)	(5)	27.9
Baltimore	100	130	131	129	158	178	13.3	17.1	16.9	16.4	19.8	22.0
Birmingham	42	31	49	55	51	57	22.6	16.2	25.0	27.4	24.8	27.1

[1] Figures include all deaths from accidents caused by motor vehicles except motor cycles, but exclude deaths from collisions of automobiles with railroads and street cars.
[2] Including the District of Columbia.
[3] Not added to registration area until a later date.
[4] State registration law declared unconstitutional.
[5] Rate omitted, pending the establishment of a more satisfactory estimate of population.

No. 399.—Automobile Fatalities in States and Large Cities Having Death Registration—Continued

City	Number of deaths						Rate per estimated 100,000 population					
	1921	1922	1923	1924	1925	1926	1921	1922	1923	1924	1925	1926
Boston	103	129	133	143	154	149	13.6	16.9	17.3	18.4	19.8	18.9
Bridgeport	28	28	23	21	26	31	19.5	19.5	(5)	(5)	(5)	(5)
Buffalo	81	106	137	112	119	135	15.6	20.1	25.5	21.0	22.1	24.8
Cambridge	19	16	28	27	22	19	17.2	14.4	25.1	22.8	18.4	15.6
Camden	27	34	44	36	43	59	22.6	27.9	35.4	28.5	33.3	45.1
Chicago	569	623	589	560	645	693	20.5	22.0	20.4	19.0	21.5	22.7
Cincinnati	79	76	102	85	115	109	19.6	18.8	25.1	20.8	28.1	26.5
Cleveland	148	142	203	220	231	265	17.8	16.6	22.8	24.1	24.7	27.6
Columbus	43	37	58	59	71	70	17.4	14.5	22.2	22.0	25.4	24.5
Dallas	27	27	34	36	59	61	16.3	15.7	18.7	19.2	30.4	30.1
Dayton	15	27	27	26	44	52	9.5	16.7	16.3	15.4	25.4	29.4
Denver	43	56	45	40	37	48	16.3	20.9	(5)	15.6	13.2	16.8
Des Moines	(3)	(3)	18	17	23	30	(3)	(3)	12.8	12.1	16.3	20.6
Detroit	133	176	252	305	346	399	13.4	17.7	(5)	25.5	27.8	30.9
Fall River	13	13	22	16	17	19	10.8	10.8	18.2	12.5	13.2	14.5
Fort Worth	(3)	16	9	27	32	30	(3)	13.2	6.3	18.2	20.6	18.8
Grand Rapids	15	23	27	31	45	32	10.6	16.0	18.5	20.9	29.2	20.5
Hartford	31	31	40	33	53	46	22.5	22.5	26.3	21.1	33.1	28.0
Houston	25	27	25	31	31	40	17.3	18.0	(5)	22.4	(5)	(5)
Indianapolis	40	47	53	71	78	83	12.3	14.0	15.5	20.2	21.7	22.6
Jersey City	36	36	37	56	64	41	11.9	11.8	12.0	17.9	20.3	12.9
Kansas City, Kans	12	18	12	18	27	8	11.6	15.8	10.4	15.6	23.3	6.8
Kansas City, Mo	67	63	86	87	87	82	19.9	18.3	24.4	24.2	23.7	21.8
Los Angeles	165	187	224	267	258	286	27.1	29.5	(5)	(5)	(5)	(5)
Louisville	35	42	66	58	64	64	14.8	16.4	25.6	19.8	21.2	20.6
Lowell	21	6	18	23	26	22	18.5	5.2	15.6	20.8	23.6	19.9
Memphis	25	42	46	40	52	57	15.1	25.0	27.0	23.2	29.7	32.3
Milwaukee	52	65	62	83	102	101	11.1	13.6	12.8	16.8	20.0	19.5
Minneapolis	49	71	60	86	76	69	12.5	17.7	14.7	20.6	17.9	15.9
Nashville	24	20	28	34	38	39	19.7	16.6	22.8	27.5	27.9	28.5
New Bedford	9	21	8	13	18	11	7.2	16.5	6.2	10.0	15.1	9.2
New Haven	21	33	28	48	40	42	12.6	19.4	16.2	27.3	22.3	23.1
New Orleans	43	46	68	84	78	85	10.9	11.5	16.8	20.5	18.8	20.3
New York	885	896	964	1,000	1,060	1,082	15.4	15.3	16.3	17.2	18.0	18.3
Bronx Borough	106	81	129	122	117	119	13.6	10.0	15.3	14.4	13.4	13.2
Brooklyn Borough	279	266	279	327	341	338	13.4	12.6	12.9	15.1	15.5	15.1
Manhattan Borough	420	463	474	439	484	494	18.4	20.4	20.9	21.9	24.9	26.3
Queens Borough	65	68	66	90	102	102	13.1	13.2	12.3	13.4	14.3	13.4
Richmond Borough	15	18	16	22	16	29	12.4	14.5	12.5	16.8	11.6	20.3
Newark, N. J	68	81	107	104	110	109	16.0	18.8	24.4	23.3	24.3	23.7
Norfolk	22	11	13	16	24	25	18.1	8.8	8.2	(5)	14.2	14.4
Oakland	35	41	50	49	44	51	15.5	17.6	20.8	19.8	17.3	19.6
Omaha	23	24	40	29	35	33	11.7	12.0	19.6	13.9	16.5	15.3
Paterson	32	34	39	49	41	34	23.3	24.5	27.9	34.8	28.9	23.8
Philadelphia	190	267	294	263	296	329	10.2	14.1	15.3	13.5	15.0	16.4
Pittsburgh	107	123	146	186	166	163	17.8	20.2	23.5	29.7	26.3	25.6
Portland, Oreg	38	40	39	41	42	52	14.3	14.9	14.3	14.7	(5)	(5)
Providence	39	51	52	58	79	61	16.3	21.2	21.5	22.0	29.5	22.2
Reading	16	13	27	24	19	19	14.7	11.8	24.3	21.5	16.8	16.7
Richmond	19	20	26	33	41	37	10.8	11.2	14.4	18.0	22.0	19.6
Rochester	42	52	44	48	54	65	13.8	16.7	13.8	15.3	17.0	20.3
St. Louis	119	134	168	197	201	172	15.1	16.9	20.9	24.2	24.5	20.7
St. Paul	34	36	59	55	42	46	14.3	15.0	24.4	22.5	17.1	18.5
Salt Lake City	18	24	20	34	42	33	14.8	19.4	15.8	26.4	32.1	24.7
San Antonio	33	28	30	22	39	40	19.3	15.7	16.2	11.5	19.7	19.5
San Francisco	94	118	107	113	105	128	18.1	22.3	19.9	20.6	18.8	22.6
Scranton	25	29	41	24	33	32	18.0	20.7	29.2	17.0	23.2	22.4
Seattle	44	44	55	53	66	69	14.0	13.9	(5)	(5)	(5)	(5)
Spokane	19	10	15	22	21	27	18.2	9.6	(5)	21.0	19.3	24.8
Springfield, Mass	23	17	23	27	21	38	16.9	12.1	15.9	19.2	14.8	26.2
Syracuse	34	36	43	41	29	44	19.2	19.9	23.3	22.7	15.9	23.7
Toledo	37	45	63	46	67	74	14.6	17.3	23.4	16.4	23.3	25.1
Trenton	26	27	36	34	39	33	21.2	21.6	28.3	26.2	29.5	24.6
Washington, D. C	53	64	86	108	88	98	12.1	14.6	18.1	22.2	17.1	18.6
Wilmington, Del	10	15	29	29	21	29	8.8	13.0	24.6	24.2	17.2	23.3
Worcester	37	26	33	29	40	32	20.0	13.8	17.2	15.3	21.0	16.5
Yonkers	17	13	17	16	15	19	16.5	12.3	15.8	14.4	13.2	16.3
Youngstown	36	27	37	39	43	42	25.7	20.4	24.6	25.1	26.9	25.5

[3] Not added to registration area until a later date.
[5] Rate omitted, pending the establishment of a more satisfactory estimate of population.

Source: Bureau of the Census, Department of Commerce.

20.—STEAM AND ELECTRIC RAILWAYS AND EXPRESS COMPANIES

[Data in this section relate to continental United States unless otherwise stated]

GENERAL NOTE.—The total steam railroad mileage of the United States includes: (*a*) Regular interstate carriers (and their nonoperating subsidiaries) reporting to the Interstate Commerce Commission, (*b*) switching and terminal railroads, also reporting to the commission; and (*c*) private railroads (defined by the commission as "circular" because they report on brief circulars and as "unofficial"). Except in certain mileage data the circular and unofficial companies are not included in any of the statistics. The switching and terminal roads were formerly included with operating railways, but are now separated, and data for them do not appear in most of the tables.

Nonoperating subsidiaries include proprietary companies, which are covered by the reports of operating carriers, and lessor companies which have no traffic and whose reports appear only in statistics of capitalization, dividends, and investment.

Operating railways are divided into three classes, according to the amount of gross operating revenue in 1919: Class I, having more than $1,000,000 o fsuch revenue; Class II, from $100,000 to $1,000,000; and Class III, less than $100,000. During recent years more detailed reports are required from Class I carriers than from smaller companies. The basis of the figures in each table is indicated by notes. Omission of Class II and Class III railroads affects very little the comparability of statistics with those of earlier years as regards most items, since the bulk of the business is done by Class I.

The Interstate Commerce Commission divides railroads geographically into three districts and eight subsidiary regions. Each railroad is treated as a unit and placed wholly in some one district or region. Broadly speaking, the eastern district includes territory east of Chicago and north of the Ohio and Potomac Rivers; southern district, territory east of the Mississippi River and south of the Ohio and Potomac Rivers; and western district the remainder of the country. The principal railroads of the eight regions are listed in Table 420.

Class I companies make monthly reports and the yearly totals from these become available earlier than the sometimes slightly corrected totals from the final annual reports. The latest figures in these tables are in many cases from the monthly reports.

No. 400.—RAILWAY MILEAGE OWNED AND MILEAGE OPERATED CLASSIFIED BY TRACKAGE

[NOTE.—Beginning with 1908 switching and terminal roads are omitted (they operate about 2,000 miles of first main track). The first and second columns cover all railways including "circular" and "unofficial" lines; the last five columns omit "circular" and "unofficial" lines. Mileage owned excludes all duplication and covers continental United States only. Mileage operated includes some duplication under trackage rights and some mileage in Canada operated by United States companies]

Year	Miles of road (first track) owned	Miles operated					
		All railways: Road (first track)	Reporting railways				Class I railways: Road (first track)
			Road (first track)	Other main tracks	Yard track and sidings	Total track	
June 30, 1890	163,597	167,191	156,404	9,760	33,711	199,875	----------
1895	180,657	184,628	177,746	12,348	43,181	233,275	----------
1900	193,346	198,964	192,556	14,075	52,153	258,784	----------
1905	218,101	225,196	216,974	19,881	69,942	306,797	----------
1910	240,293	249,992	240,831	25,354	85,582	351,767	----------
1911	243,979	254,732	246,238	27,612	88,974	362,824	216,877
1912	246,777	258,033	249,852	29,367	92,019	371,238	220,063
1913	249,777	261,036	253,470	30,827	95,211	379,508	224,236
1914	252,105	263,547	256,547	32,376	98,285	387,208	226,999
1915	253,789	264,378	257,569	33,662	99,910	391,141	228,989
Dec. 31, 1916	254,037	266,381	259,705	34,325	102,984	397,014	231,674
1917	253,626	266,015	259,705	35,066	105,582	400,353	232,697
1918	253,529	264,233	258,507	36,228	107,608	402,343	233,145
1919	253,152	263,707	258,525	36,730	108,637	403,892	234,363
1920	252,845	263,821	259,941	36,894	109,744	406,579	235,234
1921	251,176	262,544	258,362	37,614	111,555	407,531	234,702
1922	250,413	261,984	257,425	37,888	114,046	409,359	234,976
1923	250,222	262,482	258,084	38,697	116,212	412,993	235,574
1924	250,156	262,158	258,238	39,916	116,874	415,028	235,894
1925	249,398	261,871	258,631	40,962	118,361	417,954	236,849
1926	249,138	261,562	258,815	41,686	120,840	421,341	237,054

Source: Interstate Commerce Commission.

No. 401.—RAILWAY MILEAGE OWNED: By States

[Note.—See note to Table 400. Figures relate to June 30 prior to 1920 and Dec. 31 thereafter; they include reporting, circular, and unofficial railways, but since 1908 exclude switching and terminal roads]

State	1860 [1]	1870 [1]	1880 [1]	1890	1900	1910 [2]	1915	1920	1925	1926
United States [3]	30,626	52,922	93,267	163,597	193,346	240,439	253,789	252,845	249,398	249,138
New England	3,660	4,494	5,982	6,718	7,521	7,921	7,938	7,942	7,754	7,655
Maine	472	786	1,005	1,338	1,915	2,248	2,276	2,295	2,228	2,218
New Hampshire	661	736	1,015	1,145	1,239	1,246	1,256	1,252	1,234	1,198
Vermont	554	614	914	921	1,012	1,100	1,073	1,077	1,057	1,057
Massachusetts	1,264	1,480	1,915	2,094	2,119	2,115	2,131	2,106	2,071	2,019
Rhode Island	108	136	210	213	212	212	203	211	196	196
Connecticut	601	742	923	1,007	1,024	1,000	999	1,001	968	967
Middle Atlantic	5,840	9,709	13,832	18,161	20,709	21,980	22,542	22,293	22,003	21,986
New York	2,682	3,928	5,957	7,661	8,121	8,430	8,534	8,390	8,373	8,358
New Jersey	560	1,125	1,684	2,047	2,257	2,260	2,315	2,352	2,292	2,297
Pennsylvania	2,598	4,656	6,191	8,453	10,331	11,290	11,693	11,551	11,338	11,331
South Atlantic	5,976	7,349	9,789	18,270	23,362	29,795	32,378	32,380	31,935	31,925
Delaware	127	197	275	323	347	335	335	335	332	332
District of Columbia	(4)	(4)	(4)	30	32	36	36	36	37	36
Maryland	386	671	1,040	1,231	1,376	1,426	1,434	1,436	1,447	1,447
Virginia	1,379	1,486	1,893	3,160	3,779	4,535	4,729	4,703	4,554	4,548
West Virginia	352	387	691	1,328	2,228	3,601	3,910	3,996	4,038	4,024
North Carolina	937	1,178	1,486	3,001	3,831	4,932	5,565	5,522	5,347	5,308
South Carolina	973	1,139	1,427	2,194	2,818	3,442	3,690	3,814	3,748	3,745
Georgia	1,420	1,845	2,459	4,532	5,652	7,056	7,427	7,326	6,980	6,932
Florida	402	446	518	2,471	3,299	4,432	5,252	5,212	5,452	5,553
East North Central	9,583	14,701	25,109	36,924	41,007	44,928	45,295	44,904	43,843	43,740
Ohio	2,946	3,538	5,792	7,912	8,807	9,134	9,159	9,002	8,812	8,825
Indiana	2,163	3,177	4,373	5,971	6,471	7,420	7,479	7,426	7,187	7,187
Illinois	2,790	4,823	7,851	10,214	11,003	11,878	12,157	12,188	11,994	11,997
Michigan	779	1,638	3,938	7,243	8,195	9,021	8,862	8,734	8,349	8,356
Wisconsin	905	1,525	3,155	5,584	6,531	7,475	7,638	7,554	7,501	7,375
West North Central	1,472	8,046	19,094	38,354	42,988	49,730	52,249	52,180	51,856	51,722
Minnesota	--------	1,092	3,151	5,466	6,943	8,669	9,060	9,114	8,787	8,790
Iowa	655	2,683	5,400	8,356	9,185	9,755	9,978	9,808	9,814	9,811
Missouri	817	2,000	3,965	6,004	6,875	8,083	8,275	8,117	8,051	8,022
North Dakota	--------	[5] 65	[5] 1,225	1,941	2,731	4,201	5,226	5,311	5,277	5,274
South Dakota	--------	(6)	(6)	2,486	2,850	3,948	4,278	4,276	4,245	4,245
Nebraska	--------	705	1,953	5,295	5,685	6,067	6,171	6,166	6,189	6,201
Kansas	--------	1,501	3,400	8,806	8,719	9,007	9,261	9,388	9,493	9,379
South Central	3,392	4,656	8,343	11,144	13,343	17,074	17,797	17,754	17,492	17,422
Kentucky	534	1,017	1,530	2,746	3,060	3,526	3,802	3,929	4,005	4,010
Tennessee	1,253	1,492	1,843	2,752	3,137	3,816	4,101	4,078	4,063	4,059
Alabama	743	1,157	1,843	3,314	4,226	5,226	5,424	5,378	5,254	5,184
Mississippi	862	990	1,127	2,332	2,920	4,506	4,470	4,369	4,170	4,169
West South Central	680	1,417	5,044	13,782	18,221	31,122	33,372	32,972	32,588	32,563
Louisiana	335	450	652	1,759	2,824	5,554	5,729	5,223	4,868	4,828
Texas	307	711	3,244	8,613	9,886	14,282	15,831	16,125	16,198	16,266
Oklahoma	--------	--------	289	1,214	2,151	5,980	6,405	6,572	6,621	6,581
Arkansas	38	256	859	2,196	3,360	5,306	5,407	5,052	4,901	4,888
Mountain	--------	1,466	5,082	12,676	15,808	22,956	25,092	25,170	24,723	24,900
Montana	--------	--------	106	2,181	3,010	4,207	4,844	5,072	5,037	5,095
Wyoming	--------	459	512	942	1,229	1,645	1,891	1,931	1,992	1,994
Colorado	--------	157	1,570	4,176	4,587	5,533	5,724	5,519	5,077	5,011
New Mexico	--------	--------	758	1,324	1,753	3,032	3,038	2,972	2,998	2,998
Arizona	--------	--------	349	1,097	1,512	2,097	2,360	2,478	2,378	2,496
Utah	--------	257	842	1,090	1,547	1,986	2,111	2,161	2,189	2,190
Nevada	--------	593	739	925	909	2,277	2,332	2,160	2,137	2,207
Idaho	--------	--------	206	941	1,261	2,179	2,792	2,877	2,915	2,909
Pacific	23	1,084	2,992	7,567	10,389	14,932	17,126	17,248	17,204	17,225
Washington	--------	--------	289	1,783	2,914	4,875	5,560	5,587	5,559	5,555
Oregon	--------	159	508	1,428	1,724	2,285	3,115	3,305	3,357	3,393
California	23	925	2,195	4,356	5,751	7,772	8,451	8,356	8,288	8,277
Alaska	--------	--------	--------	--------	22	390	375	246	801	790
Hawaii	--------	--------	--------	--------	--------	175	250	243	252	255

[1] Represents mileage operated.
[2] Revised total 240,293 not distributed by States.
[3] Totals exclude Alaska and Hawaii.
[4] Included in returns for Maryland.
[5] Figures for Dakota.
[6] For total Dakota see North Dakota.

Source: Interstate Commerce Commission.

No. 402.—RAILWAY MILEAGE OWNED AND OPERATED

[NOTE.—See note to Table 400. Since 1890 the columns correspond to the first and third columns of that table. The exact basis of the data prior to 1890 is not stated. For years 1842 to 1889 and 1916 to date data relate to Dec. 31; for years 1890 to 1915 data relate to June 30]

Year	Owned	Operated	Year	Owned	Operated	Year	Owned	Operated
1842		4,026	1885		128,320	1906	224,363	222,340
1850		9,021	1886		136,338	1907	229,951	227,455
1855		18,374	1887		149,214	1908	233,468	230,494
1860		30,626	1888		156,114	1909	236,834	235,402
1865		35,085	1889		161,276	1910	240,293	240,831
1869		46,844	1890	163,597	156,404	1911	243,979	246,238
1870		52,922	1891	168,403	161,275	1912	246,777	249,852
1871		60,301	1892	171,564	162,397	1913	249,777	253,470
1872		66,171	1893	176,461	169,780	1914	252,105	256,547
1873		70,268	1894	178,709	175,691	1915	253,789	257,569
1874		72,385	1895	180,657	177,746	1916	254,037	259,705
1875		74,096	1896	182,777	181,983	1917	253,626	259,705
1876		76,808	1897	184,428	183,284	1918	253,529	258,507
1877		79,082	1898	186,396	184,648	1919	253,152	258,525
1878		81,747	1899	189,295	187,535	1920	252,845	259,941
1879		86,556	1900	193,346	192,556	1921	251,176	258,362
1880		93,262	1901	197,237	195,562	1922	250,413	257,425
1881		103,108	1902	202,472	200,155	1923	250,222	258,084
1882		114,677	1903	207,977	205,314	1924	250,156	258,238
1883		121,422	1904	213,904	212,243	1925	249,398	258,631
1884		125,345	1905	218,101	216,974	1926	249,138	258,815

Source: Poor's Manual of Railroads prior to 1890; Interstate Commerce Commission thereafter.

No. 403.—MILEAGE OPERATED AND EQUIPMENT: CLASS I CARRIERS

[NOTE.—Mileage operated includes some duplication due to trackage rights and some mileage in Canada operated by United States companies. For car equipment in detail see Table 404]

Year ended Dec. 31	Mileage operated				Locomotives			Aggregate capacity of freight cars (1,000 tons)
	Road (first track)	Other main tracks	Yard track and sidings	Total track	Number, steam and electric	Tractive power, steam only		
						Aggregate (1,000 lbs.)	Average (lbs.)	
Total:								
1916	231,674	34,129	98,334	364,137	61,332	2,024,119	33,188	92,280
1917	232,697	34,878	101,108	368,683	61,890	2,087,950	33,932	95,467
1918	233,145	36,029	103,263	372,437	63,889	2,223,246	34,995	96,767
1919	234,363	36,568	104,493	375,424	64,983	2,312,634	35,789	99,001
1920	235,234	36,737	105,408	377,379	64,746	2,340,761	36,365	98,343
1921	234,702	37,454	107,098	379,254	64,949	2,385,470	36,935	98,504
1922	234,976	37,704	109,463	382,143	64,512	2,401,452	37,441	98,847
1923	235,574	38,573	111,708	385,855	65,327	2,544,115	39,177	101,318
1924	235,894	39,735	112,253	387,882	65,358	2,593,178	39,891	104,149
1925	236,849	[1] 40,817	113,873	391,539	63,974	2,586,868	40,666	105,570
1926	237,054	[1] 41,537	116,353	394,944	62,761	2,611,238	41,886	105,953
Eastern district:								
1916	59,175	20,879	40,056	120,110	28,179	958,339	34,333	47,185
1921	58,885	22,108	43,031	124,024	29,468	1,118,251	38,313	49,161
1922	58,979	22,128	43,989	125,096	29,208	1,120,174	38,731	49,150
1923	59,302	22,404	44,820	126,526	29,479	1,193,235	40,888	49,633
1924	59,283	22,725	44,761	126,769	29,339	1,208,126	41,551	51,166
1925	59,249	22,882	45,054	127,185	28,409	1,193,573	42,408	51,449
1926	59,114	23,157	45,430	127,701	27,583	1,190,510	43,660	51,697
Southern district:								
1916	42,753	3,940	15,695	62,388	9,754	323,023	33,165	15,633
1921	43,826	4,475	17,379	65,680	10,780	401,280	37,273	17,174
1922	43,778	4,593	17,777	66,148	10,663	405,630	38,102	17,022
1923	43,894	4,694	18,188	66,776	10,893	428,896	39,435	17,818
1924	43,824	4,891	18,436	67,151	11,089	448,478	40,513	18,328
1925	44,241	5,707	19,199	69,147	11,158	457,579	41,112	18,968
1926	44,727	5,985	20,404	71,116	11,418	484,490	42,551	19,359
Western district:								
1916	129,746	9,310	42,583	181,639	23,399	742,757	31,827	29,463
1921	131,991	10,871	46,688	189,550	24,701	865,939	35,155	32,169
1922	132,219	10,983	47,697	190,899	24,641	875,647	35,636	32,675
1923	132,378	11,475	48,700	192,553	24,955	921,984	37,057	33,867
1924	132,787	12,119	49,056	193,962	24,930	936,574	37,674	34,555
1925	133,359	12,228	49,620	195,207	24,407	935,716	38,448	35,153
1926	133,213	12,395	50,519	196,127	23,760	936,238	39,524	34,897

[1] Includes second track, 35,867 miles; third track, 3,158 miles; fourth and other, 2,512 miles.

Source: Interstate Commerce Commission.

No. 404.—RAILWAY EQUIPMENT IN SERVICE, ALL REPORTING COMPANIES

[NOTE.—"All reporting companies" include switching and terminal but not circular and unofficial lines. Data for tractive power and capacity of cars exclude switching roads beginning with 1908 and smaller roads during recent years; they would not be materially different if all carriers were included. The large number of cars owned by private car lines is not included. Capacity figures for recent years are for Class I roads only]

Year	Locomotives					Freight-train cars [1]			Passenger train cars
	Total number	Steam			Electric, number	Total number	Capacity		
		Number	Tractive capacity				Aggregate (1,000 tons)	Average (tons)	
			Aggregate (1,000 lbs.)	Average (lbs.)					
June 30, 1890	30,140	-------	-------	-------	-------	918,491	-------	-------	26,820
1895	35,699	-------	-------	-------	-------	1,196,119	-------	-------	33,112
1900	37,663	-------	-------	-------	-------	1,365,531	-------	-------	34,713
1905	48,357	-------	1,128,771	23,666	-------	1,731,409	53,255	30.8	40,713
1910	60,019	-------	1,588,894	27,282	-------	2,148,478	76,579	35.9	47,179
1914	67,012	-------	[2] 1,931,954	[2] 30,420	-------	2,349,734	[2] 90,977	[2] 39.1	54,492
1915	66,502	66,229	[2] 2,014,201	[2] 31,546	273	2,341,567	[3] 92,238	[3] 39.6	55,810
Dec. 31, 1916	65,595	65,253	[2] 2,066,166	[2] 32,890	342	2,329,475	[3] 94,441	[3] 40.8	55,193
1917	66,070	65,699	[4] 2,087,950	[4] 33,932	371	2,379,472	[4] 95,467	[4] 41.5	55,939
1918	67,936	67,563	[4] 2,223,246	[4] 34,995	373	2,397,943	[4] 96,767	[4] 41.6	56,611
1919	68,977	68,592	[4] 2,312,634	[4] 35,789	385	2,426,889	[4] 99,001	[4] 41.9	56,290
1920	68,942	68,554	[4] 2,340,761	[4] 36,365	388	2,388,424	[4] 98,343	[4] 42.4	56,102
1921	69,122	68,733	[4] 2,385,470	[4] 36,935	389	2,378,510	[4] 98,504	[4] 42.5	56,950
1922	68,518	68,121	[4] 2,401,452	[4] 37,441	397	2,352,483	[4] 98,847	[4] 43.1	56,827
1923	69,414	69,005	[4] 2,544,115	[4] 39,177	409	2,379,131	[4] 101,318	[4] 43.8	57,159
1924	69,486	69,114	[4] 2,593,178	[4] 39,891	372	2,411,627	[4] 104,149	[4] 44.3	57,451
1925	68,092	67,713	[4] 2,586,868	[4] 40,666	379	2,414,083	[4] 105,570	[4] 44.8	56,814
1926	66,816	66,381	[4] 2,611,238	[4] 41,886	435	2,403,967	[4] 105,953	[4] 45.1	56,855

[1] Excludes caboose cars.
[2] Class I, Class II, and Class III roads.
[3] Class I and Class II roads.
[4] Class I roads.

Source: Interstate Commerce Commission.

No. 405.—CLASSIFICATION OF RAILWAY CARS IN SERVICE

[NOTE.—Data relate to June 30 prior to 1916 and Dec. 31 thereafter. Figures for "All operating companies" include switching and terminal companies but not circular and unofficial lines. Cars owned by private car lines, roughly equaling one-tenth of those owned by railway companies, are not included]

	All operating companies					Class I			
	1910	1915	1920	1925	1926	1915	1920	1925	1926
Freight cars [1]	2,148,478	2,341,567	2,388,424	2,414,083	2,403,967	2,258,855	2,322,122	2,357,234	2,348,679
Box	966,603	1,041,695	1,056,514	1,086,562	1,085,853	1,029,882	1,049,262	1,078,004	1,076,332
Flat	153,958	146,343	117,604	113,562	112,171	127,596	104,987	103,324	102,009
Stock	78,811	86,326	81,678	87,452	85,621	84,966	80,774	86,936	84,971
Coal	818,731	910,637	968,034	979,433	974,587	872,971	933,129	951,668	948,833
Tank	7,434	10,165	11,130	12,151	11,868	9,161	10,380	10,737	10,432
Refrigerator	30,918	52,446	60,768	49,488	45,517	52,299	59,677	48,711	44,828
Other	78,666	93,955	92,696	85,385	88,350	81,980	83,913	77,854	81,274
Steel	(2)	(2)	(2)	(2)	(2)	501,309	630,150	757,065	784,191
Steel underframe	(2)	(2)	(2)	(2)	(2)	676,176	886,296	1,056,125	1,076,606
Caboose cars	27,224	28,965	29,575	31,325	31,302	27,937	28,585	30,317	30,268
Passenger-train cars	[3] 47,179	55,810	56,102	56,814	56,855	52,690	53,501	54,622	54,773
Coaches	25,881	30,135	29,343	28,744	28,657	28,481	27,953	27,616	27,619
Combination	5,697	8,847	8,570	8,624	8,586	7,848	7,735	7,805	7,776
Emigrant	97	50	11	7	5	50	11	7	5
Parlor	634	651	574	502	478	627	560	493	469
Sleeping	490	750	558	377	332	745	555	374	329
Baggage and express	[4] 11,524	9,938	12,101	13,174	13,343	9,736	11,929	13,026	13,195
Postal	(4)	1,566	1,243	1,092	1,017	1,553	1,239	1,089	1,014
Other	2,752	3,873	3,702	4,294	4,437	3,650	3,519	4,212	4,366
Steel	(2)	(2)	(2)	(2)	(2)	10,859	15,111	21,190	23,513
Steel underframe	(2)	(2)	(2)	(2)	(2)	5,160	6,573	9,369	9,545
Company service equipment	80,891	98,752	108,485	112,592	113,363	93,224	104,805	108,929	109,615

[1] Excludes caboose cars; total for 1910 includes 13,357 unclassified cars.
[2] Data not available.
[3] Includes 104 unclassified cars.
[4] Postal cars included with baggage and express.

Source: Interstate Commerce Commission.

No. 406.—FREIGHT-CAR PERFORMANCE AND EQUIPMENT CONDITION

[NOTE.—Data relate to Class I carriers. Yearly averages for 1920, 1921, and 1922 were as follows: Freight car-miles per car day, 1920, 25.1; 1921, 22.4; 1922, 23.5; percentage of unserviceable freight cars, 1920, 7.0; 1921, 13.1; 1922, 12.8; percentage of unserviceable locomotives, 1920, 24.5; 1921, 23.7; 1922, 24.9]

Month	Freight car-miles per car day					Percentage of unserviceable freight cars					Percentage of unserviceable locomotives				
	1923	1924	1925	1926	1927	1923	1924	1925	1926	1927	1923	1924	1925	1926	1927
Yearly average	27.8	26.8	28.5	30.4	30.4	8.0	7.8	7.7	6.5	5.9	21.4	18.7	17.8	16.6	16.2
January	25.8	24.9	26.5	27.6	28.5	9.0	6.7	8.0	6.6	5.6	25.6	18.8	18.8	17.1	16.6
February	24.8	27.4	26.9	28.6	30.4	8.8	7.0	7.8	6.7	5.7	24.8	19.0	18.8	17.3	16.8
March	27.0	27.2	26.4	29.2	30.9	8.8	7.1	7.8	6.7	5.6	24.4	19.2	18.9	17.6	17.0
April	28.0	25.5	26.6	29.0	29.5	8.8	7.4	7.9	6.7	5.6	23.6	19.1	18.5	17.5	16.9
May	28.6	25.8	27.4	29.8	30.2	8.9	7.7	8.1	6.8	5.9	22.4	18.8	18.0	17.0	16.6
June	28.3	25.1	27.5	30.1	30.0	8.6	8.0	8.3	6.9	6.1	21.5	18.6	17.7	16.6	16.4
July	27.8	25.5	27.8	30.5	29.1	8.1	8.4	8.2	7.0	6.2	21.0	18.5	17.3	16.1	15.8
August	28.3	26.6	29.6	31.5	30.9	7.8	8.6	8.1	7.0	6.2	19.6	18.3	17.1	16.1	15.7
September	29.2	28.8	30.8	32.7	32.6	7.3	8.7	7.8	6.6	6.0	18.6	18.3	17.1	15.8	15.2
October	30.7	30.6	32.3	34.3	34.7	6.6	8.2	7.1	6.1	5.9	18.2	18.4	17.2	15.8	15.5
November	29.3	28.4	31.0	32.1	30.2	6.6	7.8	6.9	5.8	5.9	18.5	18.5	17.2	16.3	16.2
December	25.6	25.6	28.0	29.3	26.9	6.6	7.9	6.8	5.5	5.8	18.5	18.4	16.9	16.0	15.6

Source: Bureau of Railway Economics.

No. 407.—RECEIVERSHIPS AND FORECLOSURE SALES OF RAILWAYS

Yearly average or year (calendar years except as noted)	Under receivership end of year [1]		Placed under receivership			Sold under foreclosure		
	Number	Mileage operated	Number	Miles	Stocks and bonds	Number	Miles	Stocks and bonds
1881–1890	------	----------	20	3,657	$180,365,000	25	3,022	$163,950,200
1891–1900	[2] 122	[2] 22,113	30	6,435	362,580,900	37	5,946	380,455,600
1901–1905	31	1,455	7	983	47,735,000	14	718	38,010,800
1906–1910	40	6,643	10	2,025	158,901,700	9	849	74,083,422
1911–1915	57	15,899	14	7,955	428,177,855	10	1,718	104,252,915
1915	85	30,223	12	20,143	1,070,808,628	11	3,914	285,258,782
1916	80	34,804	9	4,439	208,159,689	26	8,355	703,444,855
1917	82	17,376	19	2,486	61,169,962	20	10,963	557,846,348
1918	74	19,208	8	3,519	242,090,800	11	763	24,735,187
1919	65	16,590	7	244	11,886,779	8	459	15,479,587
1920	61	16,290	10	541	21,620,150	7	380	7,676,200
1921	68	13,512	14	1,744	63,872,113	11	4,173	306,123,942
1922	64	15,259	12	4,330	109,821,082	15	6,151	299,491,646
1923	64	12,623	10	2,218	87,913,581	8	637	14,622,900
1924	61	8,105	11	920	30,223,372	14	3,992	269,251,082
1925	53	18,687	5	11,130	679,679,580	6	638	9,965,000
1926	45	17,632	2	40	----------	12	12,852	626,662,708
1927	------	----------	6	924	45,236,674	5	142	4,254,000

[1] Data relate to June 30 prior to 1916, Dec. 31 thereafter. [2] Average for 1894 to 1900.

Sources: First two columns, Interstate Commerce Commission; others, The Railway Age, Chicago.

No. 408.—EMPLOYEES OF RAILWAYS: NUMBER AND COMPENSATION [1]

Year ended—	All reporting carriers				Year ended Dec. 31	All reporting carriers: Average number of employees	Class I carriers			
	Average number of employees	Total yearly compensation (1,000 dollars)	Average compensation				Average number of employees	Total yearly compensation (1,000 dollars)	Average compensation	
			Per hour [2]	Per year					Per hour [2]	Per year
June 30:					1916	1,700,814	1,647,097	1,468,576	$0.283	$892
1895	785,034	445,508	-------	$568	1917	(3)	1,732,876	1,739,482	.320	1,004
1900	1,017,653	577,265	-------	567	1918	(3)	1,841,575	2,613,813	.458	1,419
1905	1,382,196	839,945	-------	608	1919	(3)	1,913,422	2,843,128	.565	1,486
1910	1,699,420	1,143,725	-------	673	1920	(3)	2,022,832	3,681,801	.676	1,820
1911	1,669,809	1,208,466	-------	724	1921	(3)	1,659,513	2,765,218	.667	1,666
1912	1,716,380	1,252,348	-------	730	1922	1,669,640	1,626,834	2,640,817	.613	1,623
1913	1,815,239	1,373,831	-------	757	1923	1,902,222	1,857,674	3,004,072	.610	1,617
1914	1,710,296	1,381,117	-------	808	1924	1,795,493	1,751,362	2,825,775	.623	1,613
1916	1,654,075	1,403,968	$0.266	849	1925	1,786,411	1,744,311	2,860,600	.631	1,640
Dec. 31:					1926	1,821,804	1,779,275	2,946,114	.631	1,656
1916	1,700,814	1,506,961	.275	886	1927	[4] 1,778,788	1,737,342	2,910,945	.643	1,676

[1] Data exclude switching and terminal companies beginning 1910. Class III roads are excluded in 1913. Exclusion of the latter has practically no effect on the comparability of the figures.

[2] Calculated for all classes of employees, including those not paid on an hourly basis.

[3] Data not available. [4] Estimated, Class I total taken as 97.67 per cent of employees of all carriers.

Source: Interstate Commerce Commission.

No. 409.—EMPLOYEES AND THEIR COMPENSATION: CLASS I CARRIERS

[NOTE.—Data relate to years ended Dec. 31. Class I switching and terminal companies are included. Average compensation in fifth and sixth columns is per day where so indicated in the footnote or stub. Data shown for principal occupations only. Data for occupations not shown included in group totals]

Occupation	Average number of employees		Total compensation (1,000 dollars)		Average per hour, straight time (dollars)		Average per month, total compensation (dollars)	
	1926	1927	1926	1927	1926	1927	1926	1927
All employees, all districts	**1,805,772**	**1,760,998**	**2,990,442**	**2,953,211**				
Daily basis	*125,268*	*125,038*	*326,544*	*333,274*	*7.96*	*8.15*	*217*	*222*
Hourly basis	*1,680,504*	*1,635,960*	*2,663,898*	*2,619,937*	*.587*	*.598*	*132*	*133*
Eastern district	**788,556**	**766,769**	**1,381,357**	**1,363,302**				
Daily basis	*61,353*	*60,837*	*152,346*	*155,359*	*7.51*	*7.77*	*207*	*213*
Hourly basis	*727,203*	*705,932*	*1,229,011*	*1,207,943*	*.623*	*.641*	*141*	*143*
Southern district	**360,336**	**340,681**	**543,296**	**519,737**				
Daily basis	*20,388*	*20,312*	*56,233*	*56,926*	*8.53*	*8.65*	*230*	*234*
Hourly basis	*339,948*	*320,369*	*487,063*	*462,811*	*.541*	*.551*	*119*	*120*
Western district	**656,880**	**653,548**	**1,065,789**	**1,070,172**				
Daily basis	*43,527*	*43,889*	*117,965*	*120,489*	*8.33*	*8.44*	*226*	*229*
Hourly basis	*613,353*	*609,659*	*947,824*	*949,683*	*.570*	*.574*	*129*	*130*
Executives, officials, and staff assistants	**16,848**	**17,006**	**90,039**	**93,006**				
Daily basis	*16,848*	*17,006*	*90,039*	*93,006*	*16.85*	*17.23*	*445*	*456*
Executives, general officers, and assistants	7,442	7,519	52,384	54,255	[1] 22.81	[1] 23.37	587	601
Division officers and assistants	9,406	9,487	37,655	38,751	[1] 12.33	[1] 12.57	334	340
Professional, clerical, and general	**285,339**	**280,973**	**469,432**	**473,890**				
Daily basis	*52,976*	*53,473*	*117,955*	*121,809*	*7.12*	*7.29*	*186*	*190*
Hourly basis	*232,363*	*227,500*	*351,477*	*352,081*	*.589*	*.604*	*126*	*129*
Supervisory clerks (major departments)	5,099	5,056	14,561	14,755	[1] 9.17	[1] 9.36	238	243
Chief clerks (minor departments)	13,175	13,165	29,324	29,937	[1] 7.03	[1] 7.19	186	189
Clerks	167,640	163,200	261,086	260,482	.608	.625	130	133
Mechanical device operators (office)	8,443	8,318	11,106	11,188	.537	.550	110	112
Stenographers and typists	21,820	21,589	30,849	31,228	.580	.593	118	121
Telephone switchboard operators and office assistants	5,228	5,192	4,816	4,922	.375	.387	77	79
Messengers and office boys	6,634	6,512	4,657	4,645	[1] 2.23	[1] 2.26	59	59
Lieutenants and sergeants of police	2,473	2,499	5,091	5,214	[1] 5.87	[1] 5.97	172	174
Patrolmen	5,888	5,610	10,431	10,102	.545	.553	148	150
Traffic, advertising, and development agents	6,915	7,236	18,082	19,286	[1] 8.50	[1] 8.66	218	222
Janitors and cleaners	7,896	7,862	7,424	7,498	.365	.370	78	79
Maintenance of way and structures	**418,168**	**421,535**	**465,547**	**470,696**				
Daily basis	*4,907*	*5,081*	*14,320*	*14,925*	*9.11*	*9.19*	*243*	*245*
Hourly basis	*413,261*	*416,454*	*451,227*	*455,771*	*.432*	*.435*	*91*	*91*
Roadmasters and general foremen	3,363	3,408	10,025	10,246	[1] 9.28	[1] 9.39	248	251
Bridge and building gang foremen (skilled)	5,610	5,545	11,493	11,469	.803	.814	171	172
Bridge and building carpenters	23,489	22,593	34,678	33,952	.602	.614	123	125
Bridge and building painters	3,341	2,979	4,755	4,356	.606	.622	119	122
Skilled trades helpers	11,333	10,651	13,312	12,787	.487	.494	98	100
Pumping equipment operators	5,469	5,066	5,505	5,167	.335	.338	84	85
Gang foremen (extra gang, work train, bridge, and building and signal and telegraph laborers)	5,275	5,157	9,221	9,038	.641	.651	146	146
Gang or section foremen	39,695	40,430	60,538	62,527	.588	.602	127	129
Laborers (extra gang and work-train)	67,517	70,147	63,636	65,329	.365	.364	79	78
Track and roadway section laborers	213,389	215,932	188,677	190,025	.354	.355	74	73
Maintenance of way laborers (not track and roadway)	9,180	8,462	8,426	7,820	.372	.374	77	77
General foremen and supervising inspectors (signal, telegraph, etc.)	539	560	1,640	1,714	[1] 9.48	[1] 9.57	254	255
Gang foremen (signal and telegraph, skilled trades)	1,520	1,594	3,622	3,841	.914	.927	199	201
Signalmen and signal maintainers	9,244	9,445	17,774	18,545	.745	.765	160	164
Assistant signalmen and signal maintainers	3,376	3,568	4,880	5,386	.587	.610	120	126
Signalmen and signal maintainer helpers	4,293	4,057	5,233	5,120	.497	.515	102	105

[1] Daily basis.

No. 409.—Employees and their Compensation: Class I Carriers—Con.

Occupation	Average number of employees		Total compensation (1,000 dollars)		Average per hour, straight time (dollars)		Average per month total compensation (dollars)	
	1926	1927	1926	1927	1926	1927	1926	1927
Maintenance of equipment and stores	519,852	490,730	812,970	777,953				
Daily basis	*17,001*	*16,496*	*50,386*	*49,389*	*8.95*	*9.08*	*247*	*250*
Hourly basis	*502,851*	*474,234*	*762,584*	*728,564*	*.600*	*.612*	*126*	*123*
General foremen	1,464	1,445	5,303	5,277	[1]10.77	[1]10.85	302	304
Assistant general and department foremen	11,338	11,101	35,299	34,839	[1]9.23	[1]9.30	259	262
Gang foremen and leaders (skilled)	11,737	11,059	30,886	29,468	.922	.938	219	222
Blacksmiths	9,042	8,451	16,724	15,541	.788	.801	154	153
Boiler makers	19,329	18,314	37,212	35,485	.778	.794	160	161
Carmen	113,123	105,119	199,109	188,704	.703	.721	147	150
Electrical workers	10,273	10,515	19,982	20,666	.730	.749	162	164
Machinists	60,874	58,792	115,561	111,874	.768	.781	158	159
Sheet-metal workers	11,636	11,418	22,072	21,660	.768	.781	158	158
Skilled trades helpers	114,574	108,050	151,510	145,260	.532	.545	110	112
Helper apprentices	7,594	6,394	10,020	8,553	.563	.582	110	111
Regular apprentices	14,011	12,381	13,492	11,906	.419	.429	80	80
Gang foremen laborers (shops, engine houses, power plants, stores)	4,186	4,027	6,805	6,574	.595	.600	136	136
Coach cleaners	12,896	12,667	14,458	14,598	.400	.410	93	96
Laborers	103,605	97,545	107,828	102,108	.400	.404	87	87
Stationary engineers and firemen	8,112	7,800	13,752	13,412	.580	.589	141	143
Transportation (other than train service, engine, and yard)	209,468	205,026	307,061	304,836				
Daily basis	*26,379*	*25,961*	*31,514*	*31,774*	*3.36*	*3.45*	*100*	*102*
Hourly basis	*183,089*	*179,065*	*275,547*	*273,062*	*.549*	*.560*	*135*	*127*
Train dispatchers and directors	5,418	5,386	17,514	17,667	1.185	1.207	269	273
Station agents—								
Nontelegraphers—								
Supervisory—major stations	2,496	2,513	7,565	7,679	[1]9.26	[1]9.33	253	255
Supervisory—smaller stations	5,431	5,376	11,409	11,445	.778	.791	175	177
Nonsupervisory—smaller stations	3,584	3,428	4,394	4,260	.472	.481	102	104
Telegraphers and telephoners	19,170	19,077	33,606	33,668	.625	.633	146	147
Clerks—telegraphers and telephoners	13,836	13,614	24,023	23,945	.616	.625	145	147
Telegraphers, telephoners, and towermen	25,656	24,679	46,247	45,284	.640	.652	150	153
Baggage agents and assistants	772	767	1,295	1,305	.568	.580	140	142
Baggage, parcel-room, and station attendants	9,416	9,171	11,530	11,513	.440	.454	102	105
Gang foremen (freight station, warehouse, grain elevator, and dock labor)	3,623	3,627	6,213	6,297	.639	.652	143	145
Callers, loaders, scalers, sealers, and perishable-freight inspectors	15,810	15,513	20,502	19,768	.513	.520	108	106
Truckers	39,256	37,063	43,571	41,653	.442	.452	93	94
Laborers	5,984	6,033	7,313	7,054	.437	.430	102	97
Crossing and bridge flagmen and gatemen	22,315	21,891	20,146	20,226	[1]2.50	[1]2.56	75	77
Transportation (yardmasters, switch tenders, and hostlers)	24,236	23,409	54,197	53,875				
Daily basis	*7,159*	*7,020*	*22,330*	*22,371*	*8.54*	*8.73*	*260*	*266*
Hourly basis	*17,077*	*16,389*	*31,867*	*31,504*	*.649*	*.676*	*156*	*160*
Yardmasters and assistants	7,159	7,020	22,330	22,371	[1]8.54	[1]8.73	260	266
Switch tenders	5,771	5,620	9,775	10,039	.600	.637	141	149
Hostlers	9,283	8,907	18,541	18,151	.692	.716	166	170
Transportation (train and engine service)	331,869	322,320	791,197	778,955				
Hourly basis	*331,869*	*322,320*	*791,197*	*778,955*	*.783*	*.812*	*199*	*201*
Road passenger conductors	10,481	10,392	31,160	31,916	.893	.926	248	256
Road freight conductors	25,733	24,821	71,668	70,042	.805	.835	232	235
Road passenger baggagemen	5,768	5,712	12,912	13,424	.656	.691	187	196
Road passenger brakemen and flagmen	14,072	13,938	28,351	28,886	.624	.645	168	173
Road freight brakemen and flagmen	61,576	59,384	128,717	125,251	.639	.663	174	176
Yard conductors and yard foremen	22,066	21,437	53,395	53,537	.838	.883	202	208
Yard brakemen and yard helpers	55,334	53,653	113,802	114,108	.773	.813	171	177
Road passenger engineers and motormen	13,027	12,971	41,826	41,916	1.163	1.193	268	269
Road freight engineers and motormen	31,563	30,521	101,039	96,132	.965	.977	267	262
Yard engineers and motormen	22,253	21,562	55,899	53,682	.875	.889	209	207
Road passenger firemen and helpers	12,496	12,254	30,109	30,487	.903	.944	201	207
Road freight firemen and helpers	33,544	32,315	76,130	73,971	.728	.754	189	191
Yard firemen and helpers	22,727	22,100	43,140	42,344	.681	.708	158	160

[1] Daily basis.

Source: Interstate Commerce Commission.

No. 410.—CAPITALIZATION OF RAILROADS: ALL REPORTING COMPANIES

[NOTE.—All amounts except "per mile of road" in millions of dollars. Switching and terminal companies excluded beginning with 1908; their total capitalization in 1926 was $701,127,870. Figures include both operating and nonoperating railways. The gross figures include considerable amounts of securities held by the companies issuing them as well as larger amounts held by other railway companies]

Year	Total capitalization				Held by railroads		Net capitalization				
	Total	Common stock	Preferred stock	Funded debt	Stock	Funded debt	Total	Per mile of road (dollars)	Stock	Funded debt	Funded debt, per cent of total
June 30, 1890	8,984	3,803	606	4,575	964	443	7,577	----------	3,445	4,132	54.5
1895	10,347	4,202	760	5,385	1,052	396	8,900	----------	3,910	4,989	56.1
1900	11,491	4,522	1,323	5,645	1,470	473	9,548	----------	4,375	5,172	54.2
1905	13,805	5,181	1,374	7,251	2,070	568	11,167	----------	4,485	6,683	59.8
1910	18,417	6,710	1,403	10,303	2,555	1,486	14,376	62,819	5,559	8,817	61.3
Dec. 31, 1916	21,049	7,594	1,455	12,000	2,633	2,084	16,333	66,591	6,416	9,917	60.7
1917	21,249	7,455	1,848	11,947	2,720	2,128	16,402	66,699	6,583	9,819	59.9
1918	20,785	7,249	1,806	11,730	2,323	2,008	16,454	66,893	6,732	9,722	59.1
1919	20,950	7,193	1,898	11,859	2,314	2,086	16,550	67,170	6,777	9,773	59.1
1920	21,891	7,216	1,898	12,778	2,407	2,490	16,994	68,787	6,707	10,287	60.5
1921	22,292	7,275	1,800	13,216	2,402	2,807	17,083	69,816	6,673	10,409	60.9
1922	22,290	7,307	1,834	13,149	2,390	2,621	17,280	70,899	6,751	10,528	60.9
1923	22,839	7,398	1,852	13,589	2,402	2,626	17,810	73,417	6,847	10,963	61.6
1924	23,636	7,539	1,935	14,162	2,668	2,766	18,202	75,322	6,806	11,396	62.6
1925	23,644	7,602	1,937	14,105	2,654	2,800	18,190	74,460	6,885	11,305	62.1
1926	23,677	7,560	1,925	14,192	2,654	2,789	18,234	74,398	6,831	11,403	62.5

No. 411.—RAILWAY STOCK OUTSTANDING, DIVIDENDS, AND INTEREST

[NOTE.—Data relate to years ending June 30 prior to 1916 and to calendar years thereafter. Nonoperating as well as operating roads are included. Switching and terminal roads are excluded since 1908. Dividend figures throughout cover all classes of roads but interest figure for 1913 excludes the unimportant Class III roads. The amount of stock shown in the first column is exclusive of stock held by the issuing company but includes that held by other railway companies]

Year or yearly average	Stock			Dividends			Interest accrued on funded debt (1,000 dolls.)
	Actually outstanding (1,000 dolls.)	Paying dividends (1,000 dolls.)	Per cent paying dividends	Amount declared (1,000 dolls.)	Per cent on stock paying dividends	Per cent on all stock outstanding	
1891-1895	----------	1,737,048	----------	94,093	5.42	----------	243,013
1896-1900	----------	1,977,832	----------	104,295	5.27	----------	249,548
1901-1905	----------	3,505,694	----------	199,752	5.70	----------	285,755
1906-1910	----------	4,930,368	----------	339,685	6.89	----------	363,470
1911-1915	8,561,050	5,595,888	65.36	401,944	7.18	4.70	436,177
1916-1920	8,866,429	5,310,622	59.90	350,789	6.61	3.96	480,053
1921-1925	9,131,529	5,669,613	62.09	400,389	7.06	4.38	558,375
1901	----------	2,977,575	51.27	156,736	5.26	2.70	262,095
1902	----------	3,337,645	55.40	185,392	5.55	3.08	274,422
1903	----------	3,450,738	56.06	196,728	5.70	3.20	283,953
1904	----------	3,643,427	57.47	221,941	6.09	3.50	297,675
1905	----------	4,119,087	62.84	237,964	5.78	3.63	310,632
1906	----------	4,526,959	66.54	272,796	6.03	4.01	322,556
1907	----------	4,948,756	67.27	308,089	6.23	4.19	344,243
1908	7,300,739	4,843,371	65.69	390,695	8.07	5.30	368,296
1909	7,612,411	4,920,174	64.01	321,072	6.53	4.18	382,675
1910	8,010,730	5,412,578	66.71	405,771	7.50	5.00	399,582
1911	8,363,276	5,730,250	67.65	460,195	8.03	5.42	410,327
1912	8,552,447	5,581,289	64.73	400,315	7.17	4.64	429,027
1913	8,599,993	5,780,982	66.14	369,078	6.37	4.22	434,753
1914	8,654,215	5,667,073	64.39	451,653	7.97	5.13	442,593
1915	8,635,319	5,219,847	60.45	328,478	6.29	3.80	464,186
1916	8,755,404	5,430,123	62.02	366,561	6.75	4.19	481,426
1917	9,003,797	5,610,774	62.32	381,852	6.81	4.24	474,123
1918	8,846,717	5,138,851	58.09	339,186	6.60	3.83	468,286
1919	8,883,125	5,298,321	59.64	335,242	6.33	3.77	476,075
1920	8,843,100	5,075,040	57.30	331,103	6.52	3.74	500,354
1921	8,889,921	5,059,844	56.92	456,482	9.02	5.13	529,398
1922	8,961,637	5,321,347	59.38	338,806	6.37	3.78	538,594
1923	9,092,933	5,646,076	62.09	411,882	7.30	4.53	551,705
1924	9,300,054	6,042,268	64.97	385,130	6.37	4.14	588,301
1925	9,413,101	6,278,532	66.70	409,645	6.52	4.35	583,875
1926	9,365,272	6,473,280	69.12	473,683	7.32	5.06	581,709

Source of Tables 410 and 411: Interstate Commerce Commission.

No. 412.—RAILWAY SECURITIES ACTUALLY OUTSTANDING

[NOTE.—**All figures in thousands of dollars.** Data relate to Dec. 31. Capital actually outstanding represents securities in the hands of the public or of railway companies other than those issuing same; securities held by or for the issuing company are excluded. Switching and terminal companies are not included]

Security and year	All railroads				Class I	Class II	Class III	Non-operating subsidiaries
	All districts	Eastern district	Southern district	Western district				
Total:								
1916	19,630,610	7,506,045	2,880,243	9,244,322	16,088,847	660,027	143,862	2,737,874
1920	20,098,046	7,881,150	3,004,582	9,212,314	16,855,230	537,113	107,269	2,598,434
1925	21,734,096	8,527,168	3,444,426	9,762,502	18,098,164	437,022	86,157	3,112,753
1926	21,748,806	8,510,392	3,518,220	9,720,194	18,256,527	427,069	84,436	2,980,774
Stock:								
1916	8,755,403	3,426,697	1,167,376	4,161,330	6,953,102	382,614	91,634	1,328,053
1920	8,843,100	3,474,212	1,166,809	4,202,079	7,209,735	286,688	67,247	1,279,430
1925	9,413,101	3,771,338	1,324,472	4,317,291	7,633,456	253,208	56,452	1,469,985
1926	9,365,272	3,737,040	1,344,673	4,283,559	7,685,014	245,199	55,731	1,379,328
Funded debt:								
1916	10,875,207	4,079,348	1,712,867	5,082,992	9,135,745	277,413	52,228	1,409,821
1920	11,254,946	4,406,938	1,837,773	5,010,235	9,645,495	250,425	40,022	1,319,004
1925	12,320,995	4,755,830	2,119,954	5,445,211	10,464,708	183,814	29,705	1,642,768
1926	12,383,534	4,773,352	2,173,547	5,436,635	10,571,513	181,870	28,705	1,601,446
1926								
Common stock	7,450,653	3,150,605	1,139,820	3,160,228	5,935,372	220,549	51,571	1,243,161
Preferred stock	1,914,619	586,435	204,853	1,123,331	1,749,641	24,650	4,161	136,167
Mortgage bonds	9,383,093	3,425,087	1,592,190	4,365,816	7,744,026	167,207	25,955	1,445,905
Collateral trust bonds	1,061,866	503,621	194,754	363,491	1,005,865	1,380	235	54,386
Income bonds	313,624	28,677	39,989	244,958	280,893	3,656	1,249	27,826
Miscellaneous obligations	528,104	312,335	57,712	158,057	472,125	2,870	818	52,291
Equipment obligations	1,096,847	503,632	288,903	304,312	1,068,604	6,757	447	21,039

No. 413.—PROPERTY INVESTMENT, INCOME, INTEREST, AND DIVIDENDS: REPORTED BY OPERATING ROADS

[NOTE.—Investment is as reported by the carrier and should not be confused with the tentative valuation fixed by the Interstate Commerce Commission. It relates only to railway property, but includes leased lines, which are not included, however, under the other columns. All data exclude switching and terminal companies. See also footnotes]

Year ended—	Investment [1]	Investment per mile of road	Net railway operating income	Return on investment	Other income	Interest, rents, and other deductions	Dividends declared
June 30:	*Dollars*	*Dollars*	*Dollars*	*Per ct.*	*Dollars*	*Dollars*	*Dollars*
1910 [2]	14,557,816,099	64,382.45	805,097,141	5.53	222,914,561	511,416,980	351,202,272
1913	16,588,603,109	69,780.20	806,800,960	4.86	243,599,221	564,413,747	327,967,396
1914	17,153,785,568	72,078.91	674,189,999	3.93	246,186,804	576,486,952	380,339,400
1915	17,441,420,382	73,207.64	694,276,111	3.98	189,300,358	575,197,902	264,267,107
1916	17,689,425,438	73,794.82	1,002,934,791	5.67	195,457,547	594,378,443	286,618,168
Dec. 31:							
1916	17,842,776,668	74,465.53	1,058,505,501	5.93	213,324,109	623,179,643	311,876,409
1917	18,574,297,873	77,162.81	950,556,850	5.12	[3] 233,252,283	[3] 574,290,447	325,600,752
1918	18,984,756,478	78,820.34	646,223,098	3.40	[4]	[3] 667,587,844	279,929,286
1919	19,300,120,717	79,974.46	454,132,156	2.35	[4]	[3] 630,558,985	281,569,422
1920	19,849,319,946	81,954.15	12,100,759	.06	[4]	[3] 640,515,977	275,348,254
1921	20,329,223,603	84,530.49	601,138,916	2.96	[3] 375,000,544	[3] 662,375,138	403,990,775
1922	20,580,168,269	86,003.64	769,411,093	3.74	[3] 265,032,855	[3] 655,646,742	275,721,615
1923	21,372,858,161	89,619.12	974,917.715	4.56	[3] 260,655,476	[3] 667,615,629	353,126,804
1924	22,182,267,385	93,232.69	984,463,481	4.44	[3] 269,187,830	[3] 684,558,676	325,983,454
1925	22,736,993,054	95,594.35	1,136,728,016	5.00	[3] 268,142,018	[3] 688,386,995	349,089,172
1926	23,880,740,146	97,433.03	1,229,020,188	5.33	[3] 297,929,200	[3] 701,964,964	411,207,813

[1] Prior to 1926, figures include investment of leased lines and exclude investment of proprietary companies which do not render annual reports. Beginning with 1926, the investment in road and equipment of proprietary companies is included. On a comparable basis, the investment for 1926 would be only $663,531,228 greater than that for 1925. In this column no allowance is made for cash and material and supplies, and no deduction is made for depreciation.

[2] Investment originally published is increased by $170,000,000, estimated reserve for depreciation.

[3] Does not include returns for Class II and Class III companies.

[4] Figures not comparable on account of Federal control accounting requirements.

Source of Tables 412 and 413: Interstate Commerce Commission.

No. 414.—FREIGHT TRAFFIC: Train and Car Movement

[Note.—Figures prior to 1916 relate to years ended June 30, thereafter to calendar years. Switching and terminal roads excluded beginning with 1908. The tonnage "per loaded car" for "All roads" is based on revenue tonnage only; and for "Class I roads" on revenue and nonrevenue tonnage, with exception of the "District" figures for 1916–1920]

Class and year or yearly average	Train-miles (thousands)	Car-miles (thousands)		Tons of revenue freight		Freight revenue		Average miles per car per day
		Loaded (revenue and nonrevenue)	Empty	Per train	Per loaded car	Per train-mile (dollars)	Per loaded car-mile (cents)	
All roads:								
1891–1895	467,299			184		1.62		
1896–1900	489,723			229		1.76		
1901–1905	519,896	9,631,628	4,320,390	304	17.4	2.35		
1906–1910	603,105	11,754,421	5,234,008	359	19.5	2.72		
1911–1915	608,512	13,369,203	6,169,216	432	20.7	3.19		
1916–1920	617,430	15,444,150	6,904,625	604	25.3	(2)		
1921–1925	577,844	15,243,111	8,096,532	621	24.6	(2)		
1906	594,006	11,410,599	5,176,955	344	18.9	2.61		
1907	629,996	12,021,326	5,098,572	357	19.7	2.74		
1908	587,218	11,128,231	5,153,181	352	19.6	2.65		
1909	568,855	11,360,655	5,242,995	363	19.3	2.76		
1910	635,451	12,851,295	5,498,337	380	19.8	2.86		
1911	626,496	12,859,386	5,832,515	383	19.7	2.90		
1912	612,345	13,088,332	5,767,144	407	20.2	3.02		
1913	[1] 643,841	[1] 14,271,944	[1] 6,120,861	[1] 445	[1] 21.1	[1] 3.24		
1914	607,872	13,686,818	6,531,274	447	21.1	[1] 3.31		
1915	552,004	12,939,535	6,594,287	476	21.1	[1] 3.47	[1] 15.5	
1916	632,304	15,855,103	6,779,225	552	22.8	[1] 3.93	[1] 16.3	
1917	646,402	15,911,203	6,780,872	588	24.8	(2)	(2)	
1918	628,436	14,995,557	7,167,144	621	27.0	(2)	(2)	
1919	560,499	14,273,422	6,531,570	623	25.4	(2)	(2)	
1920	619,507	15,336,778	7,264,316	639	26.7	(2)	(2)	
1921	519,817	12,449,086	7,309,192	567	24.6	(2)	(2)	(2)
1922	544,486	13,926,355	6,798,121	599	24.3	(2)	(2)	(2)
1923	631,167	16,374,750	8,536,002	632	25.2	(2)	(2)	(2)
1924	590,879	15,859,163	8,519,637	634	24.5	(2)	(2)	(2)
1925	602,873	16,836,710	9,319,706	663	24.6	(2)	(2)	(2)
1926	622,295	17,759,004	10,154,842	689	25.0	(2)	(2)	(2)
Class I roads, total:								
1916–1920	604,422	15,156,421	6,836,894	613	25.4	5.30	21.9	
1921	510,292	12,364,452	7,256,010	579	27.3	7.38	31.4	22.4
1922	534,655	13,834,368	6,741,999	611	26.7	7.19	28.6	23.5
1923	620,330	16,269,151	8,470,220	644	27.8	7.19	28.1	27.8
1924	579,571	15,748,288	8,449,299	647	26.9	7.22	27.3	26.8
1925	591,582	16,723,970	9,245,925	675	26.9	7.41	26.9	28.5
1926	610,980	17,640,926	10,077,357	701	27.4	7.58	27.0	30.4
1927	610,497	17,479,037	10,312,435	703	27.2	7.60	26.5	30.3
Eastern district:								
1916–1920	244,387	6,512,690	3,059,466	738	28.1	6.05	23.0	
1921	197,814	5,117,783	3,082,791	689	29.1	8.57	33.5	19.6
1922	206,651	5,745,826	2,773,458	720	27.9	8.44	30.7	20.1
1923	246,812	6,904,674	3,543,213	776	30.1	8.56	30.9	24.5
1924	223,452	6,399,957	3,456,766	749	28.4	8.41	29.7	23.3
1925	227,772	6,750,649	3,730,828	775	28.4	8.58	29.3	24.6
1926	239,823	7,185,667	4,079,957	795	28.8	8.70	29.4	26.5
1927	231,176	6,980,952	4,151,912	796	28.4	8.70	28.8	26.2
Southern district:								
1916–1920	113,132	2,620,391	1,246,908	581	26.0	4.44	19.9	
1921	100,975	2,250,135	1,365,124	572	29.0	6.18	28.4	24.5
1922	109,808	2,604,601	1,368,815	615	28.9	6.08	26.2	27.0
1923	126,516	3,034,190	1,625,610	629	29.5	6.03	25.7	32.0
1924	123,623	3,050,292	1,726,804	648	29.2	6.14	25.4	32.3
1925	131,621	3,350,474	1,985,625	680	29.7	6.30	25.3	34.2
1926	135,916	3,540,988	2,203,300	727	31.1	6.55	25.7	36.7
1927	130,876	3,439,291	2,187,623	736	30.8	6.66	25.4	36.8
Western district:								
1916–1920	246,003	6,023,340	2,530,519	510	22.2	5.00	21.7	
1921	211,503	4,996,534	2,808,095	483	24.8	6.87	30.5	25.1
1922	218,196	5,483,942	2,599,726	511	24.3	6.60	27.5	26.4
1923	247,001	6,330,287	3,301,397	525	24.6	6.45	26.2	30.3
1924	232,496	6,298,039	3,265,729	552	24.2	6.68	25.7	28.7
1925	232,189	6,622,847	3,520,472	579	23.9	6.92	25.4	30.6
1926	235,241	6,914,271	3,794,100	596	23.9	7.07	25.2	32.6
1927	248,445	7,058,794	3,972,900	598	24.2	7.05	24.8	32.6

[1] Class I and Class II roads.

[2] Data available for Class I roads only.

Source: Interstate Commerce Commission.

No. 415.—FREIGHT TRAFFIC: TONNAGE AND REVENUE

[NOTE.—Figures before 1916 relate to years ended June 30; thereafter to calendar years. For certain years, as indicated by footnotes, the unimportant Class III roads are omitted. Switching and terminal roads excluded beginning with 1908]

Class and year or yearly average	Tons of revenue freight carried (thousands)		Tons carried 1 mile (millions)		Revenue ton-miles per mile of road	Average haul, revenue freight (miles)		Freight revenue	
	Originating	Total	Revenue freight	Revenue and nonrevenue		System	Individual road	Amount (1,000 dolls.)	Per ton-mile (cents)
All roads:									
1891–1895	----------	692,446	85,693	--------	506,809	--------	123.75	758,930	0.886
1896–1900	----------	874,389	113,962	--------	611,128	--------	130.33	879,837	.772
1901–1905	691,120	1,266,313	167,714	--------	820,016	242.67	132.44	1,298,713	.774
1906–1910	930,254	1,673,431	228,936	--------	1,006,849	246.10	136.81	1,744,525	.762
1911–1915	1,074,121	1,903,074	277,073	--------	1,104,718	257.95	145.59	2,051,625	.740
1916–1920	1,325,772	2,378,164	390,815	--------	1,510,297	294.78	164.33	3,419,260	.875
1921–1925	1,231,193	2,216,318	375,468	--------	1,455,688	304.96	169.41	4,377,618	1.166
1906	896,159	1,631,374	215,878	--------	982,401	240.89	132.33	1,640,387	.748
1907	977,489	1,796,337	236,601	--------	1,052,119	242.05	131.71	1,823,652	.759
1908	869,798	1,532,982	218,382	--------	974,654	253.94	143.83	1,655,419	.754
1909	881,334	1,556,560	218,803	--------	953,986	251.10	141.87	1,677,614	.763
1910	1,026,492	1,849,900	255,017	--------	1,071,086	249.68	138.31	1,925,554	.753
1911	1,003,054	1,781,638	253,784	--------	1,053,566	254.10	142.88	1,925,951	.757
1912	1,031,207	1,844,978	264,081	--------	1,078,580	256.87	143.44	1,968,599	.744
1913	1,182,548	[1]2,058,035	301,730	--------	1,190,397	255.15	[2]144.40	[1]2,198,931	[1].729
1914	1,129,992	2,002,026	288,637	--------	1,125,084	255.43	144.17	2,126,717	.737
1915	1,023,803	1,828,692	277,135	--------	1,075,962	270.69	151.55	2,037,926	.735
1916	1,317,246	2,347,396	366,173	--------	1,409,957	277.98	155.99	2,631,092	.719
1917	1,382,005	2,453,423	398,263	--------	1,538,211	288.18	162.33	2,897,436	.728
1918	1,376,845	2,477,092	408,778	--------	1,582,796	296.89	165.02	3,522,052	.862
1919	1,189,765	2,185,285	367,161	--------	1,423,390	308.60	168.02	3,624,886	.987
1920	1,362,999	2,427,622	413,699	--------	1,597,133	303.52	170.41	4,420,833	1.069
1921	1,017,818	1,808,836	309,533	--------	1,199,328	304.11	171.12	4,004,109	1.294
1922	1,111,822	1,974,618	342,188	--------	1,330,460	307.77	173.29	4,085,742	1.194
1923	1,387,755	2,503,117	416,256	--------	1,615,741	299.94	166.29	4,712,495	1.132
1924	1,287,413	2,331,291	391,945	--------	1,518,556	304.44	168.12	4,437,380	1.132
1925	1,351,155	2,463,725	417,418	--------	1,613,862	308.93	169.43	4,648,364	1.114
1926	1,439,612	2,627,492	447,444	--------	1,732,295	310.81	170.29	4,905,981	1.096
Class I Roads:									
1916–1920	1,216,452	2,211,754	387,377	--------	1,662,549	318.52	175.14	3,336,480	.861
1921	940,183	1,690,763	306,840	340,862	1,308,938	326.36	178.14	3,911,277	1.275
1922	1,023,745	1,840,955	339,285	371,946	1,444,840	331.42	184.30	3,992,441	1.177
1923	1,279,030	2,333,601	412,727	456,238	1,754,901	322.86	176.69	4,606,720	1.116
1924	1,187,296	2,171,719	388,415	426,834	1,649,318	327.14	178.85	4,333,585	1.116
1925	1,247,242	2,304,275	413,814	452,819	1,749,147	331.78	179.59	4,541,646	1.097
1926	1,336,142	2,465,369	443,746	486,265	1,875,304	332.11	179.99	4,797,780	1.081
1927	1,282,402	2,351,073	429,044	474,683	1,810,673	334.56	184.16	4,636,764	1.081
Eastern district:									
1916–1920	590,689	1,262,780	183,006	--------	3,089,938	309.78	144.92	1,485,056	.811
1921	449,674	934,594	138,503	149,109	2,354,467	308.01	148.18	1,722,188	1.243
1922	452,238	975,691	151,210	160,951	2,571,943	334.36	154.98	1,772,598	1.172
1923	597,892	1,295,112	193,988	208,197	3,289,627	324.45	149.78	2,141,752	1.104
1924	519,595	1,146,945	170,039	182,450	2,879,748	327.25	148.25	1,908,379	1.122
1925	531,309	1,208,296	179,484	192,139	3,036,805	337.81	148.54	1,987,804	1.107
1926	580,200	1,309,242	193,717	207,798	3,284,052	333.88	147.96	2,120,301	1.094
1927	541,457	1,238,165	183,986	198,036	3,125,690	339.80	149.67	2,012,024	1.094
Southern district:									
1916–1920	208,528	324,057	68,621	--------	1,590,465	329.07	211.76	524,210	.764
1921	177,259	266,413	59,679	65,820	1,361,926	336.68	224.01	644,163	1.079
1922	208,589	314,370	69,565	75,763	1,589,208	333.50	221.28	688,326	.989
1923	249,638	381,376	81,705	89,975	1,862,332	327.29	214.24	783,288	.959
1924	252,888	382,712	82,351	89,697	1,880,306	325.64	215.18	780,745	.948
1925	281,715	423,709	91,934	100,152	2,086,464	326.34	216.94	851,638	.926
1926	310,578	461,263	101,426	110,692	2,282,063	326.57	219.89	913,966	.901
1927	309,217	437,947	96,368	105,972	2,143,102	311.65	222.65	872,023	.905
Western district:									
1916–1920	417,235	624,917	135,751	--------	1,039,046	325.23	217.61	1,327,215	.978
1921	313,250	489,656	108,658	125,932	824,580	346.87	221.91	1,544,926	1.422
1922	362,919	550,893	118,511	135,232	896,042	326.55	215.12	1,531,517	1.292
1923	431,500	657,112	137,034	158,066	1,035,443	317.58	208.54	1,681,681	1.227
1924	414,813	642,062	136,025	154,678	1,025,387	327.92	211.86	1,644,461	1.208
1925	434,218	672,210	142,396	160,528	1,067,315	327.94	211.83	1,702,204	1.195
1926	445,364	694,864	148,603	167,775	1,115,686	333.67	213.86	1,763,513	1.187
1927	431,728	674,961	148,690	170,675	1,116,932	344.41	222.71	1,752,717	1.179

[1] Class I and Class II roads.
[2] Includes estimates for traffic roads of Class II or Class III or both where these roads were not included in the published totals.

Source: Interstate Commerce Commission.

No. 416.—REVENUE AND TRAFFIC BY MONTHS: CLASS I CARRIERS

[NOTE.—Except at times of general revisions in freight rates changes in freight revenue are closely parallel to those of ton mileage. Data except as indicated include Class I switching and terminal companies]

Year	Average	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
TOTAL OPERATING REVENUES (millions of dollars)													
1910 [1]	234.7	209.1	200.7	235.7	223.9	232.5	236.2	231.5	253.0	254.8	261.2	244.9	233.2
1911	231.2	211.6	196.0	223.5	214.9	226.2	228.4	228.9	249.9	253.6	261.9	244.2	234.9
1912	249.8	209.2	216.1	235.8	219.2	232.3	242.9	253.0	275.8	274.4	298.2	275.9	264.4
1913	460.9	247.0	229.9	245.9	242.3	262.1	253.9	266.3	279.6	283.4	296.3	266.6	252.4
1914	244.0	231.3	207.1	247.5	235.4	237.7	249.3	256.0	267.1	269.6	266.6	233.8	226.3
1915	256.6	214.1	205.1	231.5	231.0	237.9	249.5	259.2	273.1	287.2	303.7	299.1	288.1
1916	307.1	260.9	262.8	290.2	282.0	301.0	300.0	303.2	327.2	325.3	338.7	322.7	311.1
1917	337.4	300.8	265.4	317.1	319.3	345.9	349.7	348.4	366.2	358.8	382.5	357.3	337.1
1918	410.5	285.4	290.0	366.4	371.6	379.0	395.2	470.4	504.7	489.7	490.8	440.9	441.5
1919	432.0	397.2	352.4	377.4	389.5	413.9	426.1	455.3	471.7	498.6	509.8	438.1	453.4
1920	519.0	500.8	424.6	460.2	402.3	457.6	494.7	529.1	555.5	618.9	641.8	592.1	550.6
1921	464.2	470.4	406.5	459.0	433.4	444.9	461.6	462.9	505.7	498.3	536.7	465.9	425.3
1922	468.3	395.8	401.6	475.2	417.1	449.4	474.0	443.8	474.1	500.9	550.3	523.6	513.6
1923	523.9	502.5	446.9	535.8	523.3	548.1	541.3	536.3	564.5	546.1	587.9	532.0	494.6
1924	499.0	469.0	479.5	505.4	475.2	477.5	465.7	481.8	508.5	541.0	572.9	505.9	505.2
1925	515.6	485.0	455.2	486.7	473.7	489.0	507.0	522.5	555.5	565.6	591.5	533.0	524.1
1926	538.8	481.4	460.8	531.5	500.5	518.0	541.4	557.9	580.3	591.2	610.4	562.3	527.7
1927	517.3	487.0	469.0	531.1	498.4	518.6	517.0	509.4	557.4	565.1	580.5	503.8	467.6
FREIGHT REVENUE (millions of dollars)													
1914	166.0	156.1	140.9	174.3	160.2	159.0	164.1	168.5	177.0	185.1	188.8	163.3	154.3
1915	178.9	147.2	143.3	163.4	161.9	165.3	168.8	170.3	181.0	198.7	220.6	219.3	206.4
1916	214.6	185.9	191.1	212.3	202.7	217.9	208.1	204.2	227.3	228.8	245.6	236.4	214.6
1917	236.1	211.7	185.1	227.3	227.9	251.9	247.3	241.6	250.3	242.2	271.4	254.7	221.7
1918	288.2	188.8	198.6	259.9	264.5	263.3	263.8	328.4	350.9	342.1	365.4	322.6	309.7
1919	296.3	278.4	242.3	256.0	265.7	286.7	284.3	306.5	313.8	346.7	368.5	303.5	303.7
1920	360.6	311.6	299.2	324.6	268.8	314.1	340.3	356.1	369.6	438.9	480.4	436.9	386.6
1921	327.2	324.9	284.2	320.8	304.8	313.1	322.2	314.8	353.8	354.8	402.0	342.4	288.7
1922	334.1	277.1	294.6	354.3	288.9	319.6	331.9	299.6	326.5	355.9	406.4	389.9	364.2
1923	385.5	367.0	326.8	398.8	386.3	405.5	387.3	379.3	402.1	390.9	441.5	395.9	344.1
1924	362.4	333.4	352.7	371.7	342.9	344.8	323.4	340.1	358.5	399.2	439.0	381.0	362.2
1925	379.4	350.8	336.9	360.8	347.2	359.4	366.1	377.5	403.4	419.7	450.6	402.5	379.5
1926	401.7	347.8	340.8	402.0	370.6	385.5	397.8	409.5	429.6	445.0	472.4	433.5	384.9
1927	387.4	357.8	353.9	406.4	371.4	390.7	382.0	370.0	415.2	426.8	452.6	385.8	334.7
PASSENGER REVENUE (millions of dollars)													
1914	54.2	51.0	43.9	49.2	51.0	53.6	58.2	64.4	66.7	60.5	53.8	48.4	49.9
1915	53.8	45.5	41.4	46.4	47.1	49.7	56.0	64.1	66.9	62.4	56.4	53.9	55.8
1916	59.0	49.9	46.7	50.8	52.4	54.3	61.6	70.2	70.1	66.6	62.7	57.1	65.4
1917	68.9	59.4	52.4	59.0	60.4	61.3	68.1	73.7	81.9	82.5	77.3	70.1	81.0
1918	86.0	66.5	62.3	73.1	72.5	79.2	94.8	104.7	113.8	105.9	84.8	81.8	93.0
1919	98.3	87.1	79.3	89.4	89.6	92.7	105.6	113.7	120.7	110.2	99.0	92.5	100.1
1920	107.3	91.9	82.6	92.6	93.0	98.9	107.4	123.2	132.9	129.9	113.9	106.7	114.8
1921	96.2	105.2	88.5	97.3	90.6	93.5	99.8	108.9	109.2	100.6	88.9	82.6	88.7
1922	89.7	83.7	73.6	80.6	83.5	85.5	96.0	100.7	101.6	97.5	90.2	84.8	98.5
1923	95.6	91.1	79.1	88.3	87.8	90.0	102.8	107.5	113.0	105.9	93.8	87.1	101.1
1924	89.7	91.7	83.4	87.1	85.2	85.6	96.0	97.4	104.6	93.2	82.9	78.8	90.9
1925	88.0	88.7	77.6	79.6	78.4	82.0	92.6	98.0	104.0	95.7	86.5	81.1	92.0
1926	87.0	89.6	78.6	80.8	80.7	82.8	92.5	97.9	99.0	92.7	82.2	77.4	89.7
1927	81.4	86.0	74.2	76.6	77.3	78.5	86.0	91.6	91.7	86.3	75.2	70.9	82.0
FREIGHT TON-MILES (millions) [2]													
1918	36,410	27,620	29,678	37,706	37,993	37,507	37,668	39,347	40,776	39,579	39,842	35,564	33,639
1919	32,814	30,356	25,630	28,813	28,593	32,276	31,881	34,916	36,416	38,678	40,361	32,497	33,353
1920	37,445	34,964	32,958	37,865	28,592	37,892	38,246	40,449	42,734	40,998	42,570	37,349	34,726
1921	34,478	29,784	24,915	26,816	25,591	28,220	28,146	28,402	30,420	30,864	36,672	29,222	25,723
1922	31,320	27,151	28,451	32,941	24,735	27,940	29,062	27,115	30,472	34,334	39,287	38,077	36,271
1923	38,133	37,707	32,628	39,222	38,321	39,598	38,001	38,518	40,344	39,461	42,210	38,158	33,427
1924	35,803	34,510	35,982	36,426	31,926	33,915	31,968	33,185	36,457	39,064	43,134	38,067	35,006
1925	38,007	37,026	33,570	35,332	33,571	37,126	35,854	37,944	41,709	41,305	44,054	40,775	37,856
1926	40,725	37,680	35,405	38,669	36,300	39,834	39,252	41,717	43,734	44,346	48,296	43,360	40,116
1927	39,557	39,223	37,250	41,816	37,102	40,113	38,483	38,380	41,973	42,954	45,552	37,228	34,580

[1] Returns for January to October, inclusive, do not include switching and terminal companies.
[2] Exclusive of switching and terminal companies.

Source: Interstate Commerce Commission.

No. 417.—PASSENGERS CARRIED AND PASSENGER REVENUE

[NOTE.—Figures relate to years ended June 30 prior to 1916, to calendar years thereafter. Passenger service revenue per train-mile includes revenue from mail, express, etc., but average revenue per passenger-mile is computed only from revenue from passengers themselves]

Class and year or yearly average	Passengers carried (thousands)	Passengers carried 1 mile (millions)	Average journey per passenger (miles)	Passenger train-miles (thousands)	Passenger train car-miles (thousands)	Passenger revenue (thousand dollars)	Passenger service train revenue per train-mile	Revenue per passenger per mile (cts.)	Average passengers per train
All roads:									
1891–1895	546,762	13,383	24.48	321,031	----------	281,415	$1.05	2.10	42
1896–1900	520,459	13,863	26.64	345,457	----------	279,900	.99	2.02	39
1901–1905	681,261	20,737	30.44	423,244	----------	416,609	1.11	2.01	45
1906–1910	885,003	28,683	32.41	509,868	----------	566,815	1.26	1.98	53
1911–1915	1,018,804	33,768	33.14	587,501	3,264,399	672,792	1.32	1.99	54
1916–1920	1,152,566	42,548	36.92	560,364	3,416,933	1,021,536	(2)	2.40	(2)
1921–1925	982,320	36,869	37.53	571,455	3,603,117	1,112,634	(2)	3.02	(2)
1906	797,946	25,167	31.54	479,038	----------	510,033	1.20	2.00	49
1907	873,905	27,719	31.72	509,328	----------	564,606	1.26	2.01	51
1908	890,010	29,083	32.86	505,946	2,705,660	566,833	1.27	1.94	54
1909	891,472	29,109	32.85	506,011	2,746,511	563,609	1.27	1.93	54
1910	971,683	32,338	33.50	549,015	2,998,171	628,992	1.30	1.94	56
1911	997,410	33,202	33.48	572,929	3,136,774	657,638	1.31	1.97	55
1912	1,004,081	33,132	33.18	585,854	3,235,634	660,373	1.29	1.99	53
1913	1,043,603	34,673	33.31	[1] 593,061	[1] 3,320,488	[1] 695,988	[1] 1.36	[1] 2.01	[1] 55
1914	1,063,249	35,357	33.25	605,212	3,399,604	703,484	[1] 1.34	1.99	[1] 56
1915	985,676	32,475	32.95	580,448	3,229,496	646,475	[1] 1.31	1.99	[1] 53
1916	1,048,987	35,220	33.58	595,441	3,409,639	722,359	[1] 1.44	2.05	[1] 56
1917	1,109,943	40,100	36.13	593,338	3,485,788	840,910	(2)	2.10	(2)
1918	1,122,963	43,212	38.48	544,327	3,276,489	1,046,166	(2)	2.42	(2)
1919	1,211,022	46,838	38.68	553,147	3,446,787	1,193,431	(2)	2.55	(2)
1920	1,269,913	47,370	37.30	574,826	3,618,617	1,304,815	(2)	2.76	(2)
1921	1,061,131	37,706	35.53	568,242	3,503,514	1,166,252	(2)	3.09	(2)
1922	989,509	35,811	36.19	553,919	3,445,869	1,087,516	(2)	3.04	(2)
1923	1,008,538	38,294	37.97	573,938	3,616,342	1,158,925	(2)	3.03	(2)
1924	950,459	36,368	38.26	579,384	3,676,746	1,085,672	(2)	2.99	(2)
1925	901,963	36,167	40.10	581,792	3,773,114	1,064,806	(2)	2.94	(2)
1926	874,589	35,673	40.79	584,972	3,862,610	1,049,210	(2)	2.94	(2)
Class I roads:									
1916–1920	1,114,055	41,989	37.69	556,495	3,406,925	1,005,690	2.13	2.40	72
1919	1,177,820	46,358	39.36	539,803	3,413,343	1,178,454	2.46	2.54	82
1920	1,234,862	46,849	37.94	561,633	3,583,450	1,286,613	2.78	2.75	80
1921	1,035,496	37,313	36.03	554,805	3,469,062	1,151,771	2.51	3.09	67
1922	967,409	35,470	36.66	541,275	3,414,345	1,074,108	2.50	3.03	65
1923	986,913	37,957	38.46	560,980	3,585,263	1,145,699	2.56	3.02	67
1924	932,678	36,091	38.70	566,013	3,646,363	1,075,039	2.41	2.98	63
1925	888,267	35,950	40.47	569,765	3,746,427	1,056,395	2.37	2.94	63
1926	862,361	35,478	41.14	573,627	3,836,788	1,041,816	2.33	2.94	61
1927	829,010	33,655	40.60	574,722	3,769,737	974,884	-------	2.90	59
Eastern district:									
1916–1920	693,837	19,590	28.23	231,816	1,427,364	439,137	2.32	2.24	83
1921	673,170	18,723	27.81	228,418	1,456,134	537,878	2.79	2.87	82
1922	637,135	18,083	28.38	223,820	1,444,905	513,959	2.86	2.84	80
1923	655,225	19,222	29.34	230,923	1,512,295	546,822	2.95	2.84	83
1924	629,939	18,567	29.47	233,746	1,545,569	523,475	2.80	2.82	79
1925	616,313	18,584	30.15	233,989	1,578,148	520,011	2.81	2.80	79
1926	608,365	18,762	30.84	238,329	1,634,092	523,475	2.77	2.79	78
1927	590,925	18,169	30.75	238,033	1,576,127	502,415	-------	2.77	76
Southern district:									
1916–1920	139,052	6,295	45.27	91,976	535,012	160,704	1.98	2.55	65
1921	118,984	5,085	42.74	92,422	540,764	172,110	2.22	3.39	54
1922	111,258	4,856	43.64	92,156	537,556	163,173	2.18	3.36	52
1923	114,930	5,450	47.42	96,143	579,298	183,751	2.33	3.37	56
1924	104,266	5,153	49.42	98,296	602,853	172,408	2.18	3.35	52
1925	94,785	5,413	57.11	102,554	652,463	180,735	2.17	3.34	52
1926	88,671	5,187	58.49	103,399	667,380	173,755	2.10	3.35	50
1927	85,004	4,507	53.03	102,034	640,579	147,339	-------	3.27	44
Western district:									
1916–1920	281,166	16,105	57.28	232,704	1,444,548	405,849	2.00	2.52	64
1921	243,342	13,504	55.49	233,965	1,472,164	441,783	2.36	3.27	57
1922	219,016	12,531	57.22	225,300	1,431,884	396,976	2.27	3.17	55
1923	216,758	13,285	61.29	233,915	1,493,670	415,126	2.28	3.13	56
1924	198,473	12,371	62.33	233,971	1,497,941	379,156	2.13	3.07	52
1925	177,169	11,953	67.47	233,222	1,515,816	355,649	2.01	2.98	51
1926	165,325	11,529	69.74	231,899	1,535,316	344,586	1.99	2.99	49
1927	153,081	10,979	71.72	234,655	1,553,031	325,130	-------	2.96	47

[1] Class I and Class II roads. [2] Data available for Class I only.

Source: Interstate Commerce Commission.

No. 418.—REVENUES, EXPENSES, AND INCOME OF OPERATING COMPANIES

[NOTE.—Data relate to years ended June 30 prior to 1916, to calendar years thereafter. The method of calculating net revenue and net operating income is more fully shown in Table 419. Switching and terminal companies are excluded beginning with 1908]

Class and year or yearly average	Average miles of line (first track) operated	Income account items (thousands of dollars)					Per mile of line		Per cent operating expenses of revenues
		Operating revenues	Operating expenses	Net revenue from operations	Tax accruals	Net railway operating income	Operating revenues	Net revenue from operations	
All roads:									
1891–1895	169,378	1,127,531	759,588	367,942	34,915	333,027	$6,657	$2,172	67.37
1896–1900	186,001	1,264,048	832,377	431,671	41,970	389,701	6,796	2,321	65.85
1901–1905	205,050	1,854,682	1,226,737	627,945	53,106	574,840	9,001	3,048	66.14
1906–1910	229,404	2,528,171	1,705,542	822,630	80,931	727,407	11,021	3,586	67.46
1911–1915	246,952	3,007,262	2,123,282	883,980	123,345	729,172	12,164	3,578	70.61
1916–1920	258,295	4,870,468	3,971,453	899,015	227,680	624,304	18,856	3,481	81.54
1921–1925	257,932	6,003,699	4,684,135	1,319,563	328,322	899,332	23,276	5,116	78.02
1906	222,340	2,325,765	1,536,877	788,888	69,064	719,824	10,460	3,548	66.08
1907	227,455	2,589,106	1,748,516	840,590	73,743	766,846	11,383	3,696	67.53
1908	227,257	2,440,639	1,710,402	730,237	78,674	634,794	10,740	3,213	70.08
1909	232,981	2,473,205	1,650,034	823,171	85,140	710,474	10,615	3,533	66.72
1910	236,987	2,812,142	1,881,879	930,263	98,035	805,097	11,866	3,925	66.92
1911	243,434	2,852,855	1,976,332	876,523	102,657	744,669	11,719	3,601	69.28
1912	246,829	2,906,416	2,035,058	871,358	113,819	727,458	11,775	3,530	70.02
1913	[1] 242,657	[1] 3,193,118	[1] 2,235,923	[1] 957,195	[1] 122,005	[1] 805,266	[1] 13,159	[1] 3,945	[1] 70.02
1914	254,775	3,127,730	2,280,416	847,314	140,470	674,190	12,276	3,326	72.91
1915	256,214	2,956,193	2,088,683	867,510	137,775	694,276	11,538	3,386	70.65
1916	257,325	3,691,065	2,426,251	1,264,815	161,825	1,058,506	14,344	4,915	65.73
1917	258,913	4,115,413	2,906,283	1,209,130	218,632	950,557	15,895	4,670	70.62
1918	258,263	4,985,290	4,071,522	913,768	229,533	646,223	19,303	3,538	81.67
1919	257,949	5,250,420	4,498,817	751,603	239,136	454,132	20,354	2,914	85.68
1920	259,026	6,310,151	5,954,394	355,757	289,272	12,101	24,361	1,373	94.36
1921	258,089	5,632,665	4,668,998	963,667	283,163	601,139	21,825	3,734	82.89
1922	257,195	5,674,483	4,509,991	1,164,492	308,145	769,411	22,063	4,528	79.48
1923	257,625	6,419,210	4,999,383	1,419,827	339,577	974,918	24,917	5,511	77.88
1924	258,104	6,045,252	4,608,807	1,436,445	347,437	984,463	23,422	5,565	76.24
1925	258,646	6,246,883	4,633,497	1,613,386	365,790	1,136,728	24,152	6,238	74.17
1926	258,295	6,508,679	4,766,235	1,742,444	396,538	1,229,020	25,199	6,746	73.23
Class I roads:									
1916–1920	232,974	4,763,039	3,879,220	883,819	219,774	616,987	20,445	3,794	81.44
1919	233,809	5,144,795	4,399,716	745,080	232,601	454,985	22,004	3,187	85.52
1920	234,668	6,178,438	5,827,591	350,847	272,061	17,227	26,328	1,495	94.32
1921	234,419	5,516,598	4,562,668	953,930	275,876	600,937	23,533	4,069	82.71
1922	234,825	5,559,093	4,414,522	1,144,570	301,035	760,187	23,673	4,874	79.41
1923	235,185	6,289,580	4,895,167	1,394,413	331,915	961,955	26,743	5,929	77.83
1924	235,501	5,921,496	4,507,885	1,413,611	340,337	973,837	25,144	6,003	76.13
1925	236,581	6,122,510	4,536,880	1,585,630	358,516	1,121,076	25,879	6,702	74.10
1926	236,626	6,382,940	4,669,337	1,713,603	388,923	1,213,090	26,975	7,242	73.15
1927	238,174	6,138,988	4,576,313	1,562,675	375,621	1,069,056	25,775	6,561	74.55
Eastern district:									
1916–1920	59,228	2,128,577	1,816,825	311,752	84,004	188,683	35,939	5,264	85.35
1921	58,825	2,460,791	2,082,584	378,207	110,532	230,096	41,832	6,429	84.63
1922	58,792	2,516,679	2,059,858	456,820	115,662	291,853	42,806	7,770	81.85
1923	58,969	2,942,419	2,330,521	611,898	135,257	417,550	49,897	10,376	79.20
1924	59,047	2,665,771	2,068,796	596,975	135,909	407,467	45,147	10,110	77.61
1925	59,103	2,754,442	2,084,325	670,117	143,333	474,902	46,604	11,338	75.67
1926	58,987	2,898,986	2,167,706	731,280	159,240	514,945	49,146	12,397	74.77
1927	59,021	2,760,250	2,098,093	662,157	152,104	451,140	46,767	11,219	76.01
Southern district:									
1916–1920	43,128	739,378	595,867	143,511	33,198	114,829	17,144	3,328	80.59
1921	43,820	877,202	740,224	136,978	38,915	92,367	20,018	3,126	84.38
1922	43,773	915,301	708,694	206,607	49,099	150,622	20,910	4,720	77.43
1923	43,873	1,037,777	800,620	237,157	54,946	177,341	23,654	5,405	77.15
1924	43,796	1,024,517	767,634	256,883	59,069	194,971	23,393	5,865	74.92
1925	44,062	1,106,738	793,329	313,409	68,410	238,831	25,118	7,113	71.68
1926	44,445	1,165,528	830,126	335,402	75,720	253,499	26,224	7,546	71.22
1927	45,324	1,091,278	798,551	292,727	72,134	218,009	24,077	6,459	73.18
Western district:									
1916–1920	130,618	1,895,083	1,466,527	428,557	102,572	313,433	14,509	3,281	77.39
1921	131,774	2,178,605	1,739,860	438,745	126,429	278,475	16,533	3,330	79.86
1922	132,260	2,127,114	1,645,970	481,144	136,274	317,712	16,083	3,638	77.38
1923	132,344	2,309,384	1,764,026	545,358	141,713	367,065	17,450	4,121	76.39
1924	132,658	2,231,208	1,671,455	559,753	145,359	371,390	16,819	4,220	74.91
1925	133,416	2,261,330	1,659,226	602,104	146,773	407,343	16,949	4,513	73.37
1926	133,194	2,318,426	1,671,505	646,921	153,963	444,646	17,406	4,857	72.10
1927	133,829	2,287,460	1,679,669	607,791	151,383	399,907	17,092	4,542	73.43

[1] Class I and Class II roads.

Source: Interstate Commerce Commission.

No. 419.—INCOME ACCOUNT OF CLASS I CARRIERS: RAILWAY OPERATIONS

[NOTE.—All figures in thousands of dollars. Data relate only to operating roads. Switching and terminal companies are excluded]

Item	1916–1920 (average)	1921–1925 (average)	1923	1924	1925	1926	1927 [1]
Revenues	**4,763,039**	**5,881,856**	**6,289,589**	**5,921,496**	**6,122,510**	**6,382,939**	**6,138,988**
Freight	3,336,480	4,277,134	4,606,720	4,333,585	4,541,646	4,797,780	4,645,889
Passenger	1,005,690	1,100,603	1,145,699	1,075,039	1,056,395	1,041,816	976,338
Mail	76,508	94,900	92,897	97,952	97,097	96,157	95,979
Express	118,933	137,886	152,885	143,372	145,355	149,049	143,370
All other transportation	92,041	129,878	136,475	133,918	138,395	143,773	142,893
All other	133,387	141,455	154,904	137,630	143,622	154,364	134,519
Expenses	**3,879,220**	**4,583,425**	**4,895,167**	**4,507,885**	**4,536,880**	**4,669,337**	**4,576,313**
Maintenance, way, etc.	663,681	781,577	813,689	792,678	816,443	866,819	868,757
Maintenance, equipment	1,040,185	1,297,802	1,465,157	1,260,020	1,259,835	1,283,091	1,219,172
Traffic	59,749	93,919	93,977	98,873	106,053	114,691	120,357
Transportation	1,947,814	2,194,358	2,309,609	2,141,469	2,128,471	2,171,904	2,138,808
All other	167,791	215,769	212,735	214,845	226,078	232,832	229,219
Net revenue from railway operations	**883,819**	**1,298,431**	**1,394,413**	**1,413,611**	**1,585,630**	**1,713,602**	**1,562,675**
Deduct—							
Tax accruals	219,774	321,536	331,915	340,337	358,516	388,923	375,622
Uncollectible revenues	868	1,895	1,942	2,306	1,924	1,851	1,497
Equipment rents	25,647	67,659	73,885	72,908	79,394	82,888	88,456
Joint facility rents	20,543	23,742	24,716	24,223	24,719	26,850	28,044
Net railway operating income	**616,987**	**883,599**	**961,955**	**973,837**	**1,121,077**	**1,213,090**	**1,069,056**

Item	Eastern district			Southern district			Western district		
	1925	1926	1927	1925	1926	1927	1925	1926	1927
Revenues	**2,754,442**	**2,898,986**	**2,760,250**	**1,106,738**	**1,165,527**	**1,091,278**	**2,261,330**	**2,318,426**	**2,287,460**
Freight	1,987,804	2,120,301	2,011,258	851,638	913,966	872,276	1,702,204	1,763,513	1,762,355
Passenger	520,011	523,475	503,139	180,735	173,755	147,317	355,649	344,586	325,882
Mail	37,042	36,577	36,479	16,445	16,789	16,630	43,610	42,791	42,870
Express	70,341	70,591	67,146	22,817	22,953	21,622	52,197	55,505	54,602
All other transportation	73,483	75,871	74,377	14,467	15,485	13,705	50,445	52,417	54,811
All other	65,761	72,171	67,851	20,636	22,579	19,728	57,225	59,614	46,940
Expenses	**2,084,325**	**2,167,706**	**2,098,093**	**793,329**	**830,126**	**798,551**	**1,659,226**	**1,671,505**	**1,679,669**
Maintenance, way, etc	347,414	368,337	363,328	155,718	167,397	158,117	313,311	331,085	347,312
Maintenance, equipment	603,357	620,645	573,779	220,783	227,862	220,677	435,695	434,584	424,716
Traffic	39,195	42,046	44,690	21,842	23,546	24,203	45,016	49,099	51,464
Transportation	991,512	1,027,563	1,006,576	362,239	377,128	358,632	774,720	767,213	773,600
All other	102,847	109,115	109,720	32,747	34,193	36,922	90,484	89,524	82,577
Net revenue from railway operations	**670,117**	**731,280**	**662,157**	**313,409**	**335,401**	**292,727**	**602,104**	**646,921**	**607,791**
Deduct—									
Tax accruals	143,333	159,240	152,104	68,410	75,720	72,135	146,773	153,963	151,383
Uncollectible revenues	899	997	575	324	255	313	701	599	609
Equipment rents	40,842	43,954	45,292	3,513	3,353	[2] 21	35,039	35,581	43,185
Joint facility rents	10,141	12,144	13,046	2,331	2,574	2,291	12,247	12,132	12,707
Net railway operating income	**474,902**	**514,945**	**451,140**	**238,831**	**253,499**	**218,009**	**407,344**	**444,648**	**399,907**

[1] Water line transportation apportioned to the several accounts; included in "All other" in prior years.
[2] Add.

Source: Interstate Commerce Commission.

No. 420.—PRINCIPAL RAILWAY COMPANIES: MILES OF ROAD OPERATED AND

[NOTE.—Totals for regions include

Region and road	Average mileage of road operated, 1927	Ton-miles of revenue freight (millions)		Operating revenues (thousand of dollars)		Operating expenses (thousands of dollars)	
		1926	1927	1926	1927	1926	1927
All regions	238,838	443,746	429,044	6,382,939	6,207,025	4,669,337	4,627,121
New England Region	7,246	9,492	9,232	275,931	269,793	206,933	204,386
1. Boston & Maine	2,084	3,037	2,857	81,625	77,848	62,355	61,836
2. N. Y., New Haven & Hartford	2,175	3,359	3,852	135,066	139,824	99,540	100,278
Great Lakes Region	24,895	77,082	73,713	1,153,594	1,123,308	851,984	853,742
1. Delaware & Hudson	882	3,773	3,535	46,372	42,693	34,812	34,546
2. Del., Lackawanna & Western	990	4,965	4,647	88,805	84,686	62,377	60,183
3. Erie	2,047	8,656	8,489	110,574	108,357	90,386	91,623
4. Chicago & Erie	270	1,751	1,672	14,899	14,121	8,787	8,641
Total Erie and Chi. & Erie	2,317	10,407	10,161	125,473	122,478	99,173	100,264
5. Lehigh Valley	1,364	5,778	5,263	80,453	74,503	60,959	59,270
6. Michigan Central	1,858	4,527	4,282	95,524	89,751	64,957	62,244
7. New York Central	6,906	23,634	22,300	399,538	383,377	298,931	293,400
8. N. Y., Chicago & St. Louis	[1] 1,691	5,043	4,832	54,938	53,620	39,990	38,574
9. Pere Marquette	2,244	3,219	3,249	45,800	44,745	31,886	31,640
10. Pittsburgh & Lake Erie	231	2,517	2,479	34,206	31,786	27,546	26,320
11. Wabash	2,524	5,377	5,089	71,693	67,108	52,466	51,379
Central Eastern Region	27,121	107,143	101,141	1,469,461	1,411,293	1,108,789	1,074,513
1. Baltimore & Ohio	5,642	20,937	20,842	252,362	246,079	186,306	186,169
2. Central R. R. Co. of New Jersey	691	2,906	2,820	60,171	58,746	45,994	43,344
3. Chicago & Eastern Illinois	945	2,570	2,547	28,252	26,714	22,606	21,530
4. Cleveland, Cincinnati, Chicago & St. Louis.	2,397	8,516	8,413	94,540	91,186	70,059	70,323
5. Elgin, Joliet & Eastern	461	1,738	1,689	26,432	24,282	17,275	17,000
6. Long Island	404	182	177	39,649	40,887	29,008	30,112
7. Pennsylvania	10,514	48,912	45,168	709,817	664,851	550,361	510,669
8. Reading Co	1,139	7,211	6,604	99,290	92,590	73,509	71,880
Pocahontas Region	5,610	40,359	37,906	291,063	278,090	184,094	179,722
1. Chesapeake & Ohio	2,678	19,797	19,334	133,974	133,042	90,971	89,733
2. Norfolk & Western	2,242	16,719	15,024	120,409	110,948	71,227	69,696
Southern Region	39,801	61,068	58,461	874,464	813,188	646,032	618,329
1. Atlantic Coast Line	5,065	4,751	3,787	97,087	80,426	70,702	64,330
2. Central of Georgia	1,912	2,150	1,747	31,825	27,641	23,773	20,946
3. Illinois Central	4,905	14,135	14,832	158,328	155,822	121,679	118,983
4. Louisville & Nashville	5,064	13,293	13,442	147,137	144,605	112,462	112,858
5. Seaboard Air Line	4,291	3,637	3,391	67,025	61,790	49,253	46,873
6. Southern	6,771	9,023	8,483	155,468	147,639	107,867	103,908
7. Yazoo & Mississippi Valley	1,709	1,645	1,290	28,199	26,976	21,341	22,740
Northwestern Region	48,520	49,490	49,930	721,198	721,584	533,639	540,877
1. Chicago & North Western	8,465	8,688	8,590	154,336	150,133	120,588	116,994
2. Chicago, Milwaukee & St. Paul	11,209	11,979	12,530	160,538	162,943	128,401	133,506
3. Chicago, St. Paul, Minneapolis & Omaha.	1,747	1,540	1,640	26,433	26,847	21,273	21,800
4. Great Northern	8,164	8,903	8,958	117,384	117,904	75,285	78,356
5. Minneapolis, St. Paul & Sault Ste. Marie.	4,396	3,311	3,621	46,857	49,157	35,697	35,736
6. Northern Pacific	6,670	6,639	6,571	97,351	95,575	68,261	67,855
7. Oregon-Washington R. R. & Navigation Co.	2,237	1,650	1,624	30,510	29,126	22,330	22,206
Central Western Region	52,298	64,810	64,183	1,055,043	1,032,682	734,598	732,724
1. Atchison, Topeka & Santa Fe	9,428	11,638	11,417	209,338	206,294	134,804	142,755
2. Chicago & Alton	1,037	2,145	1,869	31,475	28,346	24,209	22,264
3. Chicago, Burlington & Quincy	9,390	12,651	11,943	161,317	156,320	116,463	111,918
4. Chicago, Rock Island & Pacific	7,569	7,924	8,191	130,769	132,928	98,127	98,271
5. Denver & Rio Grande Western	2,553	1,944	2,036	34,030	33,121	24,614	25,079
6. Oregon Short Line	2,539	2,478	2,450	36,372	36,000	25,182	24,443
7. Southern Pacific Co.—Pacific Lines.	8,934	10,972	11,134	226,466	226,956	157,304	160,051
8. Union Pacific	3,713	8,133	8,119	113,972	113,384	74,045	73,235
Southwestern Region	33,347	34,302	34,578	542,185	557,087	403,268	422,328
1. Gulf, Colorado & Santa Fe	1,945	3,187	3,328	33,468	34,195	23,740	24,931
2. Missouri-Kansas-Texas	1,799	2,104	2,145	35,533	35,237	23,649	23,363
3. Missouri-Kansas-Texas of Texas	1,389	1,329	1,235	22,568	20,945	16,330	15,976
4. Missouri Pacific	7,361	10,132	9,386	133,990	125,728	102,852	99,566
5. St. Louis-San Francisco	4,975	4,983	4,839	89,539	84,430	61,958	58,101
6. Texas & New Orleans	3,937	557	3,486	10,317	61,420	8,546	49,845
7. Texas & Pacific	1,981	1,842	2,319	35,450	38,950	26,488	28,797

[1] Freight service, 1,665 miles.

PRINCIPAL ITEMS OF TRAFFIC, REVENUES, AND EXPENSES OF LARGER COMPANIES

smaller roads of Class I not listed]

Operating ratio (per cent)		Railway tax accruals		Net railway operating income		Freight revenue		Passenger revenue		Region and road
		Thousands of dollars								
1926	1927	1926	1927	1926	1927	1926	1927	1926	1927	
73.1	74.6	388,923	380,638	1,213,090	1,085,342	4,797,780	4,648,506	1,041,816	976,366	All regions.
75.0	75.8	11,928	13,318	45,393	39,523	166,501	163,819	78,490	75,643	New England.
76.4	79.4	3,079	3,573	12,841	9,501	51,813	50,055	20,058	18,426	1.
73.7	71.7	5,381	6,435	23,204	25,235	69,234	75,002	50,402	49,436	2.
73.9	76.0	67,366	64,130	220,220	187,904	857,819	818,573	187,073	181,305	Great Lakes.
75.1	80.9	1,608	1,404	9,927	6,711	40,041	36,208	3,715	3,604	1.
70.2	71.1	7,671	7,457	19,332	17,398	65,168	61,676	13,338	13,007	2.
81.7	84.6	4,351	4,233	16,528	12,125	89,012	87,483	12,310	11,691	3.
59.0	61.2	518	588	1,525	836	12,967	12,300	705	639	4.
79.0	81.9	4,869	4,821	18,053	12,961	101,979	99,783	13,015	12,330	Total 3 and 4.
75.8	79.6	4,194	3,474	13,803	9,836	66,783	61,208	7,936	7,688	5.
68.0	69.4	5,980	6,248	23,565	20,989	64,490	60,355	21,538	20,203	6.
74.8	76.5	26,882	25,194	72,158	61,824	248,365	234,381	99,914	99,105	7.
72.8	71.9	2,999	2,720	10,158	9,996	51,149	50,031	1,935	1,818	8.
69.6	70.7	2,409	2,491	9,793	9,292	38,973	38,767	3,830	3,247	9.
80.5	82.8	2,153	2,005	9,147	8,005	30,088	28,006	2,949	2,754	10.
73.2	76.6	3,429	2,788	12,562	9,612	57,205	53,993	9,235	8,154	11.
75.5	76.1	79,947	77,479	249,332	232,024	1,095,981	1,031,197	257,911	246,191	Central Eastern.
73.8	75.7	11,843	12,287	50,805	44,817	207,986	203,568	27,809	26,287	1.
76.4	73.8	4,781	3,738	8,052	10,384	46,780	45,767	9,069	8,731	2.
80.0	80.6	1,642	1,400	2,609	2,292	21,414	20,492	4,681	4,123	3.
74.1	77.1	5,385	5,047	18,527	14,603	70,367	67,980	16,269	15,570	4.
65.4	70.0	1,430	1,380	5,657	4,179	24,279	22,294	----------	----------	5.
73.2	73.7	2,152	2,472	5,832	6,163	11,661	11,857	25,274	26,357	6.
77.5	76.8	37,110	35,710	106,433	103,977	497,424	461,612	147,976	140,811	7.
74.0	77.6	5,531	5,185	22,033	16,790	84,021	78,576	9,794	8,923	8.
63.3	64.3	21,363	21,373	90,453	81,821	254,928	245,190	22,028	20,017	Pocahontas.
67.9	67.5	8,240	8,746	37,011	36,321	119,155	119,220	9,082	8,555	1.
59.2	62.8	11,075	10,300	40,922	34,011	108,703	99,992	7,663	6,894	2.
73.9	76.1	53,857	50,761	163,046	136,189	659,038	627,087	151,728	127,300	Southern.
72.8	80.0	6,725	6,050	17,586	10,271	68,002	58,839	21,257	14,956	1.
74.7	75.8	1,520	1,555	5,953	5,051	23,079	20,758	5,907	4,423	2.
76.9	76.4	10,310	10,012	26,202	25,616	122,509	121,456	24,237	23,115	3.
76.4	78.1	7,928	7,640	27,039	23,877	116,617	116,384	22,143	20,027	4.
73.5	75.9	3,472	3,567	12,014	10,389	48,858	46,432	12,213	9,715	5.
69.4	70.4	10,351	9,454	35,529	32,765	112,773	109,331	30,385	26,749	6.
75.7	84.3	2,023	1,869	3,999	1,599	22,468	21,297	4,019	3,950	7.
74.0	75.0	50,124	49,955	127,647	117,658	556,848	557,481	94,318	89,856	Northwestern.
78.1	77.9	9,278	9,784	22,295	20,258	110,229	108,330	26,593	25,183	1.
80.0	81.9	8,901	8,870	18,395	14,073	124,405	127,804	19,596	19,213	2.
80.5	81.2	1,274	1,327	3,180	2,679	19,348	20,071	4,938	4,648	3.
64.1	66.5	9,700	9,046	31,280	29,203	93,347	94,405	13,041	12,717	4.
76.2	72.7	2,800	2,964	7,007	8,663	36,745	39,711	6,077	5,604	5.
70.1	71.0	9,151	8,907	24,214	22,593	76,226	75,463	12,640	11,773	6.
73.2	76.2	2,226	2,389	4,663	2,931	23,866	22,710	3,998	3,752	7.
69.6	71.0	77,550	77,255	222,430	199,861	776,012	771,700	176,854	168,547	Central Western.
64.4	69.2	18,736	17,856	55,494	45,894	153,779	150,944	39,279	38,279	1.
76.9	78.5	1,237	1,233	3,986	2,734	22,099	19,444	6,575	6,189	2.
72.2	71.6	11,480	11,677	29,956	28,143	121,411	118,497	24,288	22,059	3.
75.0	73.9	7,174	7,653	20,484	21,927	96,603	99,556	22,869	21,866	4.
72.3	75.7	2,430	2,380	7,610	6,391	26,908	26,438	4,495	4,090	5.
69.2	67.9	3,120	3,275	7,025	6,937	29,156	29,151	4,466	4,210	6.
69.5	70.5	17,679	17,636	48,129	45,303	152,452	154,036	41,836	40,686	7.
65.0	64.6	8,782	8,673	27,852	27,575	87,693	88,166	16,208	15,581	8.
74.4	75.8	26,288	26,367	94,569	90,362	430,653	433,459	73,414	67,507	Southwestern.
70.9	72.9	1,475	1,435	6,526	5,960	28,911	29,682	3,010	2,859	1.
66.6	66.3	2,752	2,458	9,521	9,378	28,410	28,643	4,534	3,958	2.
72.4	76.3	615	673	3,479	2,322	16,641	15,319	4,136	3,854	3.
76.8	79.2	5,612	4,769	20,334	16,899	107,914	100,788	16,036	14,653	4.
69.2	68.8	4,665	4,811	23,040	22,045	67,774	64,305	15,461	13,975	5.
82.8	81.2	386	2,982	950	6,120	7,849	46,075	1,783	10,262	6.
74.7	73.9	1,850	1,839	6,241	6,498	26,556	30,596	6,108	5,694	7.

Source: Interstate Commerce Commission.

No. 421.—TAXES AND SPECIAL ASSESSMENTS OF CLASS I COMPANIES, BY STATES

[NOTE.—Data for 1910 relate to year ended June 30, thereafter to calendar years, and for all years exclude switching and terminal companies and include nonoperating subsidiaries. Data for 1910 include also Class II and Class III and for 1916, Class II. Total railroad taxes, Federal and State, in 1926, by classes were as follows: Class I and subsidiaries, $391,159,779 (including $1,390,971 Canadian, $9 Cuban, $9,323 Mexican, and $6,496 not distributed by States); Class II and subsidiaries, $6,694,755; Class III and subsidiaries, $937,440; switching and terminal companies, $14,220,448; grand total, $413,012,422]

State	Amount (thousands of dollars)						Per mile of line (dollars)			
	1910	1916	1920	1924	1925	1926	1910	1920	1925	1926
Total	103,738	162,475	282,751	341,527	359,370	389,753	--------	1,262	1,603	1,734
United States Government taxes	4,315	12,531	50,543	74,964	87,680	109,818	--------	226	391	489
New England:										
Maine	675	1,026	1,725	2,080	1,977	2,014	301	831	977	1,015
New Hampshire	778	746	1,005	991	1,042	1,130	629	827	868	971
Vermont	257	491	451	406	453	420	251	608	592	549
Massachusetts	3,097	2,575	3,339	3,812	3,920	4,137	1,484	1,616	1,929	2,072
Rhode Island	276	397	585	596	604	630	1,302	2,996	3,348	3,489
Connecticut	1,868	1,114	1,975	1,957	2,058	2,093	1,867	1,977	2,138	2,177
Middle Atlantic:										
New York	7,312	11,724	17,861	22,168	22,613	24,221	877	2,271	2,876	3,084
New Jersey	5,066	7,656	11,189	16,970	17,355	17,323	2,290	5,292	8,466	8,428
Pennsylvania	6,352	9,957	9,342	10,927	11,134	12,770	587	945	1,131	1,300
South Atlantic:										
Delaware	161	153	165	177	182	175	482	493	609	585
Dist. of Columbia	56	64	79	107	126	147	1,562	2,291	3,661	4,263
Maryland	1,016	1,211	2,004	2,200	1,352	2,053	742	1,591	1,112	1,688
Virginia	1,756	3,012	4,695	5,393	5,614	7,095	400	1,129	1,375	1,713
West Virginia	1,454	2,355	3,879	5,555	6,046	5,969	463	1,195	1,744	1,713
North Carolina	952	1,706	2,129	4,135	4,748	5,126	220	552	1,322	1,428
South Carolina	764	1,091	1,951	2,443	2,840	3,134	232	623	911	1,009
Georgia	1,386	1,957	2,481	2,881	3,310	3,476	206	455	612	642
Florida	839	1,572	2,167	3,222	3,888	4,490	208	542	879	972
East North Central:										
Ohio	5,457	10,618	16,841	18,727	18,518	18,926	611	2,048	2,184	2,229
Indiana	3,845	5,803	9,422	11,869	11,627	12,145	521	1,328	1,684	1,759
Illinois	5,938	9,049	16,422	20,298	21,576	21,567	501	1,421	1,908	1,922
Michigan	4,052	4,220	7,579	8,012	7,656	8,140	469	1,083	1,076	1,144
Wisconsin	3,162	4,968	6,876	7,374	7,295	6,410	440	995	1,030	911
West North Central:										
Minnesota	3,958	6,445	9,753	7,593	7,965	7,679	461	1,151	962	927
Iowa	2,463	3,871	7,855	6,820	6,842	6,835	253	808	706	705
Missouri	1,830	2,258	3,359	3,468	3,716	3,833	220	457	498	516
North Dakota	1,427	2,289	4,997	4,285	4,290	4,113	341	969	834	800
South Dakota	834	1,635	3,718	2,722	3,161	1,807	211	900	752	430
Nebraska	2,031	2,704	4,159	4,496	4,747	4,577	335	677	770	741
Kansas	3,074	4,108	6,188	9,014	6,670	8,405	344	688	727	916
South Central:										
Kentucky	1,073	2,018	2,184	3,846	4,246	5,099	312	624	1,157	1,387
Tennessee	1,181	1,718	2,584	2,887	3,107	2,905	326	702	847	792
Alabama	1,410	1,751	2,548	2,600	2,687	2,919	297	560	603	657
Mississippi	997	1,916	3,612	4,338	5,064	5,094	250	942	1,364	1,363
West South Central:										
Louisiana	1,238	2,235	3,788	4,373	4,578	4,825	250	971	1,180	1,237
Texas	2,688	4,656	5,098	6,278	6,514	6,456	196	364	469	461
Oklahoma	2,967	3,653	5,463	5,782	5,682	5,344	499	864	917	859
Arkansas	1,347	2,248	3,912	2,736	2,663	2,568	277	948	622	605
Mountain:										
Montana	1,486	2,781	4,284	4,833	4,728	4,586	356	871	966	926
Wyoming	614	901	1,213	1,694	1,659	1,672	384	686	924	929
Colorado	1,637	2,451	3,344	3,497	3,719	3,720	306	729	828	838
New Mexico	745	1,179	2,467	2,078	2,212	2,153	254	915	796	744
Arizona	321	1,341	1,572	2,115	2,485	2,495	158	776	1,187	1,128
Utah	692	1,123	1,856	2,063	2,161	2,139	383	907	1,039	1,023
Nevada	668	1,028	1,543	1,691	1,762	1,826	388	942	1,088	1,078
Idaho	714	1,475	3,844	2,772	2,872	2,900	345	1,500	1,099	1,107
Pacific:										
Washington	3,151	4,064	8,795	6,838	6,647	6,658	685	1,698	1,309	1,311
Oregon	913	1,492	2,722	2,590	2,736	3,157	444	1,060	1,025	1,171
California	3,444	5,142	7,187	12,854	12,863	12,579	508	1,071	1,893	1,838

Source: Interstate Commerce Commission.

No. 422.—REVENUE FREIGHT CARRIED, BY COMMODITY GROUPS

[NOTE.—All figures in thousands of tons of 2,000 pounds. Data relate to years ended June 30 prior to 1916, to calendar years thereafter. Switching and terminal roads excluded since 1908. Figures for 1911 to 1916, inclusive, exclude Class III roads but this affects the comparability very slightly; those after 1916 exclude both Class II and Class III, thereby reducing the grand total about 6 per cent. Nonrevenue freight is excluded; this is a large item in the case of a few commodities, notably coal]

Class of road and year or yearly average	Total	Products of agriculture	Animals and products	Products of mines	Products of forests	Manufactures and miscellaneous		Undistributed
						Carload shipments	Less than carload	
I. REVENUE FREIGHT ORIGINATED								
All roads:								
1901–1905	691,121	59,406	16,608	323,556	72,786	119,707	27,800	71,258
1906–1910	930,255	73,864	20,000	472,146	98,879	162,225	33,991	69,150
1911–1915 [1]	1,053,648	99,095	25,731	584,866	101,143	181,191	41,314	20,309
1915 [1]	1,005,029	113,040	26,660	556,582	93,971	163,988	48,163	2,625
1916 [1]	1,293,091	116,867	31,294	737,151	111,850	239,849	54,420	1,660
Class I:								
1916	1,203,367	113,635	30,473	680,123	93,819	231,038	52,911	1,367
1917	1,264,016	104,629	31,858	732,653	100,838	240,269	53,769	--------
1918	1,263,344	116,051	35,777	734,796	97,256	226,077	53,387	--------
1919	1,096,111	115,033	35,494	589,951	94,076	210,256	51,302	--------
1920	1,255,421	110,840	26,595	712,154	100,766	251,864	53,202	--------
1921	940,183	114,069	24,263	511,270	76,419	172,169	41,992	--------
1922	1,023,745	111,787	26,230	532,998	89,059	220,442	43,229	--------
1923	1,279,030	109,318	28,254	713,735	115,618	267,767	44,338	--------
1924	1,187,296	116,587	27,747	637,582	108,094	256,737	40,549	--------
1925	1,247,242	109,313	26,324	678,336	107,391	285,291	40,587	--------
1926	1,336,528	111,787	26,244	758,064	104,859	296,076	39,498	--------
1927	1,282,027	113,375	26,009	713,731	99,391	291,089	38,432	--------
Eastern district—								
1924	519,595	22,835	6,491	300,299	12,371	158,360	19,239	--------
1925	531,308	23,481	5,844	294,704	11,941	175,860	19,478	--------
1926	580,274	23,951	5,778	336,962	11,500	183,289	18,794	--------
1927	541,082	23,168	5,844	307,135	10,757	175,775	18,403	--------
Southern district—								
1924	252,888	14,036	2,071	162,922	33,994	31,438	8,427	--------
1925	281,716	14,666	1,957	188,268	33,343	34,890	8,592	--------
1926	310,897	15,157	1,936	215,884	32,756	36,696	8,468	--------
1927	309,217	14,594	2,064	214,192	32,251	37,896	8,220	--------
Western district—								
1924	414,813	79,716	19,185	174,361	61,729	66,939	12,883	--------
1925	434,218	71,166	18,523	195,364	62,107	74,541	12,517	--------
1926	445,357	72,679	18,530	205,218	60,603	76,091	12,236	--------
1927	431,728	75,613	18,101	192,404	56,383	77,418	11,809	--------
II. TOTAL REVENUE FREIGHT [2]								
All roads:								
1901–1905	1,266,314	125,234	34,596	570,238	122,927	231,259	51,468	130,591
1906–1910	1,673,431	150,384	38,769	818,447	168,023	314,007	59,277	124,525
1911–1915 [1]	1,881,635	193,252	44,194	996,692	183,292	356,669	71,347	36,187
Class I:								
1916–1920	2,212,267	225,505	55,199	1,176,695	193,430	466,202	93,550	1,679
1921	1,690,763	222,678	41,778	878,225	148,043	332,991	67,048	--------
1922	1,840,955	220,660	44,839	912,438	171,239	421,829	69,949	--------
1923	2,333,601	220,490	48,873	1,250,245	222,562	517,846	73,585	--------
1924	2,171,719	230,852	48,521	1,114,637	209,360	500,276	68,073	--------
1925	2,304,275	215,124	46,315	1,212,014	210,077	552,544	68,201	--------
1926	2,452,786	222,429	46,824	1,338,094	201,670	575,472	68,297	--------
1927	2,350,578	219,709	46,452	1,268,537	189,882	560,839	65,159	--------
Eastern district—								
1924	1,146,945	75,230	19,071	658,606	56,921	301,852	35,265	--------
1925	1,208,296	72,062	17,788	696,774	55,631	330,948	35,093	--------
1926	1,309,241	73,462	18,080	782,424	53,417	346,119	35,739	--------
1927	1,237,669	72,361	18,021	729,555	50,216	334,034	33,482	--------
Southern district—								
1924	382,712	33,769	4,315	208,467	57,826	64,457	13,878	--------
1925	423,769	33,984	4,238	240,149	57,457	73,704	14,237	--------
1926	448,690	33,470	4,142	269,331	52,945	74,962	13,840	--------
1927	437,947	31,741	4,211	264,427	51,008	72,930	13,630	--------
Western district—								
1924	642,062	121,853	25,135	247,564	94,613	133,967	8,930	--------
1925	672,210	109,078	24,289	275,091	96,989	147,892	18,871	--------
1926	694,855	115,497	24,602	286,339	95,308	154,391	18,718	--------
1927	674,962	115,607	24,220	274,555	88,658	153,875	18,047	--------

[1] Excluding Class III. [2] Including receipts from connecting lines.

Source: Interstate Commerce Commission.

No. 423.—REVENUE FREIGHT CARRIED, BY CLASSES OF COMMODITIES: CLASS I CARRIERS

[NOTE.—The classification was changed in 1920, but comparable figures for earlier years for many commodities appear in Table 245, Statistical Abstract, 1921. See headnote, Table 422]

Commodity	Revenue freight originated (thousands of tons)											Total revenue freight carried, 1927 (thousands of tons)		
	All districts								1927					
	1920	1921	1922	1923	1924	1925	1926	1927	Eastern district	Southern district	Western district	Eastern district	Southern district	Western district
Grand total, carload and l. c. l.	1,255,421	940,183	1,023,745	1,279,030	1,187,296	1,247,242	1,336,142	1,282,027	541,082	309,217	431,728	1,237,669	437,947	674,962
Grand total, carload traffic	1,202,219	898,191	980,516	1,234,692	1,146,747	1,206,655	1,296,651	1,243,595	522,679	300,997	419,919	1,204,187	424,317	656,915
Products of agriculture, total	110,840	114,069	111,787	109,318	116,587	109,313	111,787	113,375	23,168	14,594	75,613	72,361	31,741	115,607
Wheat	23,131	29,039	24,805	23,091	27,444	21,548	24,379	26,237	4,014	714	21,509	8,912	1,767	27,717
Corn	12,689	17,218	19,275	15,151	14,883	12,680	13,927	13,162	3,255	1,830	8,077	6,785	2,683	11,268
Oats	8,615	7,542	7,646	8,332	8,507	8,450	6,496	5,518	1,353	759	3,406	3,751	1,548	4,928
Other grain	5,669	4,568	5,245	4,739	5,606	4,564	4,014	5,216	444	83	4,689	1,976	369	6,000
Flour and meal	10,952	10,552	10,694	10,518	10,331	9,901	10,137	10,027	2,334	781	6,912	10,603	2,922	10,171
Other mill products	8,891	7,881	9,000	10,002	10,085	9,578	9,768	10,179	3,578	1,125	5,476	11,137	3,151	8,215
Hay, straw, and alfalfa	7,957	5,154	5,723	5,965	5,802	5,506	5,028	4,468	1,712	276	2,480	3,668	1,166	3,382
Tobacco	1,081	927	882	1,099	1,070	1,038	1,010	1,053	133	867	53	440	1,323	70
Cotton	3,379	3,191	3,073	2,887	3,259	4,127	4,482	4,182	110	1,525	2,547	1,419	3,399	4,549
Cottonseed and products, except oil	4,573	4,400	3,546	3,574	4,598	5,849	6,484	6,048	25	2,882	3,141	631	4,011	4,543
Citrus fruits	1,404	1,508	1,141	1,542	1,650	1,363	1,533	1,766	40	642	1,084	1,871	1,652	3,810
Other fresh fruits	5,271	4,681	5,063	5,249	5,114	5,910	6,321	5,652	1,195	1,237	3,220	5,977	2,953	8,907
Potatoes	4,118	4,639	4,829	4,698	4,591	4,614	4,339	4,728	1,925	536	2,267	6,975	1,645	5,176
Other fresh vegetables	2,205	1,888	2,324	2,473	2,685	2,828	2,800	3,083	899	656	1,528	3,596	1,766	4,949
Dried fruits and vegetables	1,165	1,179	1,154	1,135	1,438	1,533	1,568	1,528	329	46	1,153	877	239	2,260
Other products of agriculture	9,741	9,702	7,386	8,863	9,524	9,824	9,501	10,528	1,822	635	8,071	3,743	1,147	9,662
Animals and products, total	26,595	24,263	26,230	28,254	27,747	26,324	26,244	26,009	5,844	2,064	18,101	18,021	4,211	24,220
Horses and mules	936	428	491	603	531	544	513	541	49	104	388	112	203	561
Cattle and calves	9,809	8,522	9,567	9,400	9,315	9,330	9,240	8,636	1,002	627	7,007	2,320	872	9,452
Sheep and goats	1,344	1,175	1,159	1,159	1,215	1,224	1,270	1,296	186	64	1,046	403	82	1,676
Hogs	5,421	5,504	5,795	6,944	6,707	5,502	5,272	5,369	1,008	434	3,927	2,157	548	4,579
Fresh meats	2,770	2,577	2,614	3,023	3,000	2,904	2,996	2,986	915	212	1,859	3,966	713	2,238
Other packing-house products	2,206	2,094	2,049	2,396	2,395	2,139	2,022	1,957	800	222	935	2,152	884	1,417
Poultry	264	276	292	366	376	357	409	406	71	45	290	827	96	412
Eggs	536	550	565	597	572	591	644	651	127	65	459	956	165	684
Butter and cheese	425	434	507	571	648	686	725	747	145	29	573	1,076	125	761
Wool	293	400	360	291	294	263	281	356	224	5	127	621	10	237
Hides and leather	1,051	972	1,081	1,090	1,026	1,026	985	1,010	563	117	330	1,716	234	520
Other animals and products	1,540	1,329	1,750	1,814	1,668	1,758	1,887	2,054	754	140	1,160	1,715	279	1,683

Products of mines, total	712, 154	511, 270	532, 998	713, 735	637, 582	678, 336	757, 703	713, 731	307, 135	214, 192	192, 404	729, 555	264, 427	274, 555
Anthracite coal	78, 100	77, 097	48, 821	83, 342	76, 108	58, 260	76, 015	72, 175	71, 284	49	842	114, 326	317	1, 622
Bituminous coal	384, 349	288, 753	287, 617	360, 641	320, 367	346, 346	388, 736	361, 843	144, 044	171, 307	46, 492	433, 259	205, 313	87, 209
Coke	26, 895	10, 370	15, 407	27, 871	18, 023	19, 798	22, 193	16, 178	12, 832	1, 627	1, 719	21, 554	2, 507	3, 033
Iron ore	84, 433	29, 461	54, 457	77, 817	55, 851	72, 134	76, 023	66, 355	2, 768	3, 111	60, 476	42, 910	3, 783	62, 275
Other ores and concentrates	21, 550	4, 917	7, 953	10, 491	10, 504	12, 289	13, 039	11, 335	2, 002	220	9, 113	4, 189	662	16, 642
Base bullion and matte	616	318	495	809	890	895	882	874	44	9	821	310	18	2, 366
Clay, gravel, sand, and stone	98, 720	88, 312	102, 933	133, 934	136, 650	145, 405	157, 295	161, 782	69, 788	33, 905	58, 089	101, 621	44, 701	71, 241
Crude petroleum	6, 435	5, 038	5, 937	8, 403	8, 412	11, 245	10, 744	10, 548	118	146	10, 284	675	277	20, 894
Asphaltum	1, 424	1, 370	1, 900	2, 102	2, 517	2, 531	3, 101	3, 170	1, 399	924	847	3, 190	1, 877	1, 976
Salt	3, 250	2, 691	3, 245	3, 393	3, 303	3, 403	3, 238	3, 251	1, 635	38	1, 578	4, 179	1, 033	3, 173
Other products of mines	6, 381	2, 943	4, 231	4, 932	4, 957	6, 030	6, 437	6, 220	1, 221	2, 856	2, 143	3, 342	3, 939	4, 124
Products of forests, total	100, 786	76, 419	89, 059	115, 618	108, 094	107, 391	104, 851	99, 391	10, 757	32, 251	56, 383	50, 216	51, 008	88, 658
Logs, posts, poles, and cordwood	38, 571	28, 633	35, 627	47, 178	45, 551	45, 428	45, 163	41, 693	2, 745	9, 386	29, 562	5, 549	11, 107	33, 452
Ties	5, 472	5, 147	3, 761	6, 681	5, 508	4, 292	4, 833	5, 348	722	2, 383	2, 243	2, 369	3, 442	3, 312
Pulp wood	4, 992	5, 746	3, 931	5, 367	5, 603	5, 826	5, 943	6, 990	1, 891	1, 367	3, 732	4, 622	2, 153	5, 422
Lumber, timber, shooks, staves, headings	48, 618	34, 878	43, 507	53, 540	48, 612	49, 019	46, 062	42, 859	4, 375	18, 209	20, 275	34, 963	32, 892	45, 563
Other forest products	3, 112	2, 016	2, 233	2, 852	2, 820	2, 826	2, 850	2, 501	1, 024	906	571	2, 713	1, 414	909
Manufactures and miscellaneous, total	251, 864	172, 169	220, 442	267, 767	256, 737	285, 291	296, 066	291, 089	175, 775	37, 896	77, 418	334, 034	72, 930	153, 875
Refined petroleum and its products	29, 616	27, 213	30, 870	36, 641	41, 298	46, 273	48, 938	51, 663	17, 405	6, 104	28, 154	37, 351	13, 451	53, 266
Vegetable oils	938	1, 084	937	969	1, 150	1, 446	1, 621	1, 894	478	526	890	1, 379	918	1, 783
Sugar, sirup, glucose, and molasses	5, 664	4, 767	5, 091	4, 891	5, 407	5, 700	5, 744	5, 584	2, 058	935	2, 591	4, 835	2, 377	5, 479
Boats and vessel supplies	147	93	113	25	14	17	13	17	12	2	3	28	7	6
Iron, pig and bloom	16, 451	5, 819	9, 991	14, 960	12, 071	14, 577	15, 132	11, 488	9, 159	1, 513	816	14, 159	1, 814	1, 911
Rails and fastenings	3, 047	2, 557	2, 378	3, 192	2, 471	2, 646	2, 875	2, 596	1, 842	365	389	2, 890	834	1, 265
Bar, sheet, and structural iron and pipe	27, 443	13, 750	22, 162	30, 141	24, 800	29, 144	30, 568	31, 878	27, 761	1, 801	2, 316	48, 223	4, 298	10, 413
Other metals, pig, bar, and sheet	5, 170	2, 456	4, 337	5, 330	4, 904	5, 419	5, 604	2, 898	1, 916	104	878	5, 245	376	2, 470
Castings, machinery, and boilers	9, 391	4, 299	4, 214	5, 936	4, 930	5, 359	5, 772	5, 176	3, 696	294	1, 186	7, 411	1, 024	2, 705
Cement	15, 400	15, 636	18, 453	21, 118	22, 970	24, 516	24, 921	25, 890	13, 146	3, 627	9, 117	27, 472	7, 046	14, 393
Brick and artificial stone	15, 251	10, 947	15, 640	18, 798	18, 165	19, 668	20, 337	19, 556	11, 475	3, 898	4, 183	19, 958	6, 167	7, 420
Lime and plaster	4, 410	3, 750	5, 199	5, 896	6, 008	6, 830	6, 642	6, 092	3, 710	664	1, 718	7, 439	1, 565	3, 382
Sewer pipe and draintile	2, 165	1, 819	2, 093	2, 220	2, 281	2, 426	2, 387	2, 712	1, 589	398	725	2, 738	717	1, 152
Agricultural implements and vehicles other than automobiles	3, 324	1, 667	1, 720	2, 603	2, 158	2, 281	2, 304	3, 109	1, 669	276	1, 164	3, 210	723	2, 263
Automobiles and autotrucks	3, 427	2, 901	4, 160	6, 612	6, 061	6, 980	7, 387	6, 324	5, 306	216	802	11, 837	1, 333	3, 921
Household goods and second-hand furniture	1, 850	887	677	685	596	512	444	365	50	45	270	116	91	507
Furniture (new)	743	491	692	882	837	970	987	1, 005	421	282	302	1, 286	540	774
Beverages	1, 240	737	614	684	683	841	760	804	340	66	398	702	135	582
Ice	5, 795	6, 683	5, 158	5, 070	4, 430	4, 928	4, 145	4, 063	2, 058	393	1, 612	2, 432	414	1, 667
Fertilizers (all kinds)	9, 204	5, 897	6, 813	7, 639	7, 815	8, 463	8, 197	10, 471	3, 280	6, 140	1, 051	5, 369	7, 884	1, 482
Paper, printed matter, and books	3, 144	2, 288	2, 765	2, 913	3, 051	3, 328	3, 441	3, 322	2, 543	133	646	8, 392	386	2, 264
Chemicals and explosives	8, 348	5, 508	7, 545	9, 030	8, 423	9, 579	10, 084	9, 116	6, 140	1, 343	1, 633	12, 090	2, 801	3, 596
Textiles	805	700	878	958	882	966	933	785	313	351	121	910	736	312
Canned goods (all canned food products)	3, 074	2, 627	3, 106	3, 435	3, 740	4, 144	4, 070	4, 204	1, 800	233	2, 171	4, 639	768	4, 278
Other manufactures and miscellaneous	75, 817	47, 594	64, 835	77, 139	71, 592	78, 278	82, 760	80, 077	57, 608	8, 187	14, 282	103, 923	16, 525	26, 584
Merchandise—All l. c. l. freight	53, 202	41, 992	43, 229	44, 338	40, 549	40, 587	39, 491	38, 432	18, 403	8, 220	11, 809	33, 482	13, 630	18, 047

Source: Interstate Commerce Commission.

No. 424.—CAR LOADINGS: Average Weekly Loadings of Revenue Freight, Class I Railways, by Principal Commodity Groups

[Note.—The difference between the averages in the following table and those in the corresponding tables previously published is owing to changes in weekly groupings. In 1927 a week falling within two months is included in the month in which it ends, and averages for months in all prior years are computed according to the number of weeks included in a month in 1927. Averages for years for all commodities are: *1918, 857,540;* 1919, 804,472; 1920, 867,663; 1921, 756,215; 1922, 830,915]

Month	1923	1924	1925	1926	1927	1923	1924	1925	1926	1927
	Total, all commodities					Grain and grain products				
Year	**957, 925**	**933, 354**	**985, 080**	**1, 021, 131**	**994, 506**	**43, 763**	**49, 436**	**44, 341**	**45, 449**	**45, 953**
January	843, 491	841, 162	889, 895	921, 674	946, 100	47, 890	43, 113	49, 323	47, 094	46, 115
February	840, 400	904, 232	914, 080	919, 333	955, 983	40, 345	49, 255	44, 623	42, 766	44, 597
March	911, 226	924, 762	908, 435	969, 349	1, 004, 099	41, 275	44, 448	38, 495	39, 812	40, 054
April	940, 108	881, 124	931, 920	958, 201	978, 150	39, 071	36, 637	33, 289	37, 518	37, 630
May	986, 052	913, 294	985, 073	1, 036, 455	1, 024, 186	33, 898	39, 976	36, 598	39, 964	39, 632
June	989, 704	884, 370	971, 446	1, 022, 335	993, 540	33, 668	37, 380	36, 525	39, 314	39, 118
July	992, 441	886, 632	978, 528	1, 042, 752	987, 079	41, 422	42, 471	40, 341	54, 754	45, 905
August	*1, 029, 267*	*955, 797*	*1, 060, 654*	*1, 097, 030*	*1, 062, 340*	*51, 629*	*58, 942*	*53, 681*	*55, 637*	*54, 974*
September	1, 035, 610	1, 020, 185	1, 075, 337	1, 130, 778	1, 090, 006	51, 177	67, 089	53, 064	49, 079	59, 675
October	1, 082, 029	1, 094, 002	1, 113, 406	1, 193, 515	1, 117, 584	49, 876	69, 097	47, 994	51, 852	54, 735
November	1, 013, 605	1, 024, 104	1, 065, 416	1, 062, 068	955, 655	49, 232	58, 052	48, 484	43, 687	45, 515
December	828, 361	870, 804	924, 708	898, 078	834, 521	45, 479	47, 326	50, 888	42, 666	43, 896
	Livestock					Coal				
Year	**34, 010**	**33, 712**	**31, 454**	**30, 696**	**29, 763**	**182, 762**	**164, 182**	**171, 257**	**190, 996**	**177, 734**
January	34, 049	36, 236	36, 523	33, 479	32, 454	194, 290	194, 906	202, 662	187, 445	223, 439
February	31, 500	33, 138	32, 054	28, 231	27, 748	185, 804	191, 986	180, 812	174, 564	213, 411
March	30, 660	31, 486	28, 168	28, 374	27, 316	187, 030	171, 966	151, 868	181, 477	211, 766
April	31, 027	29, 178	27, 465	27, 055	27, 410	177, 528	129, 576	139, 779	164, 159	158, 840
May	30, 967	31, 623	27, 808	27, 738	28, 844	181, 146	134, 526	153, 933	168, 237	161, 782
June	*29, 476*	*29, 948*	*25, 948*	*26, 871*	27, 096	182, 947	135, 654	154, 308	171, 663	152, 825
July	30, 051	29, 159	26, 515	26, 796	25, 645	184, 035	138, 737	161, 905	176, 000	144, 317
August	32, 397	29, 982	29, 324	29, 261	28, 081	189, 943	150, 238	191, 202	190, 556	174, 158
September	38, 499	35, 579	31, 547	36, 775	30, 838	178, 517	172, 835	179, 902	199, 114	180, 358
October	42, 220	40, 607	41, 603	40, 049	38, 751	195, 212	193, 401	182, 671	225, 771	191, 311
November	41, 625	41, 486	37, 828	34, 578	33, 650	180, 844	185, 272	189, 796	235, 060	169, 246
December	35, 063	36, 082	32, 179	29, 091	28, 904	160, 338	175, 869	173, 135	213, 938	164, 379
	Coke					Ore				
Year	**13, 796**	**9, 969**	**11, 987**	**13, 142**	**10, 552**	**45, 033**	**32, 280**	**38, 685**	**41, 907**	**36, 185**
January	13, 758	11, 883	13, 562	17, 966	12, 205	10, 596	8, 250	9, 908	9, 879	9, 462
February	14, 852	12, 729	13, 277	17, 992	12, 376	9, 578	9, 392	10, 610	10, 196	10, 706
March	15, 385	13, 729	12, 586	14, 371	12, 366	12, 456	10, 749	11, 477	10, 544	10, 731
April	15, 884	11, 564	11, 465	12, 507	11, 605	18, 627	16, 817	20, 735	15, 042	22, 344
May	*15, 196*	*9, 197*	*9, 650*	*11, 841*	*10, 694*	*58, 686*	*49, 818*	*62, 533*	*55, 301*	*69, 570*
June	14, 818	7, 743	9, 238	11, 476	10, 454	77, 711	58, 646	62, 206	67, 663	63, 890
July	14, 437	6, 980	9, 143	11, 272	9, 737	82, 298	55, 980	62, 683	72, 788	63, 585
August	13, 379	6, 980	9, 626	11, 464	9, 690	81, 024	51, 589	62, 863	77, 601	62, 116
September	13, 582	8, 086	10, 990	12, 174	9, 772	75, 520	47, 768	59, 100	75, 196	56, 395
October	12, 251	9, 697	12, 849	13, 023	9, 500	62, 947	44, 613	53, 008	67, 666	48, 710
November	11, 288	9, 910	15, 495	12, 832	9, 068	41, 482	23, 957	38, 165	32, 078	19, 067
December	11, 101	11, 226	15, 671	11, 777	9, 597	10, 827	10, 169	12, 411	9, 564	8, 136
	Forest products					Miscellaneous and L. C. L.				
Year	**72, 017**	**70, 522**	**71, 862**	**70, 277**	**65, 782**	**566, 544**	**573, 254**	**615, 493**	**628, 665**	**628, 537**
January	66, 238	64, 064	65, 985	66, 959	64, 468	477, 670	482, 710	511, 930	558, 853	557, 957
February	65, 570	80, 258	78, 914	74, 826	68, 899	492, 752	527, 474	553, 791	570, 756	578, 246
March	*74, 627*	*81, 627*	*80, 522*	*76, 972*	*70, 458*	*549, 793*	*570, 756*	*585, 320*	*617, 798*	*631, 407*
April	76, 939	77, 730	78, 869	75, 692	68, 875	581, 031	579, 622	620, 319	626, 227	651, 447
May	75, 892	74, 460	76, 588	76, 704	70, 924	590, 267	573, 696	617, 964	656, 670	652, 740
June	76, 550	68, 587	73, 461	74, 244	67, 638	574, 533	546, 414	609, 759	631, 103	632, 518
July	71, 779	61, 541	66, 034	67, 227	64, 169	568, 421	551, 764	611, 906	633, 915	633, 721
August	76, 203	68, 334	71, 233	70, 739	68, 813	584, 692	589, 730	642, 724	661, 770	664, 509
September	73, 013	67, 556	69, 668	70, 546	67, 580	605, 302	621, 272	671, 066	687, 894	685, 386
October	74, 154	70, 329	70, 782	72, 218	67, 305	645, 368	666, 258	704, 498	722, 935	707, 272
November	74, 408	69, 893	67, 590	65, 504	61, 052	614, 726	635, 533	668, 059	638, 329	618, 058
December	60, 104	64, 001	64, 511	54, 547	51, 920	505, 449	526, 130	575, 913	536, 494	527, 689

Source: American Railway Association.

No. 425.—STEAM RAILWAY ACCIDENTS, BY CAUSES

[NOTE.—See headnote to Table 426]

Cause of accident	Killed					Injured				
	1916-1920, average	1921-1925, average	1925	1926	1927	1916-1920, average	1921-1925, average	1925	1926	1927
All accidents	**8,662**	**6,618**	**6,766**	**7,090**	**6,821**	**176,693**	**141,688**	**137,435**	**130,235**	**104,799**
Train accidents	**684**	**394**	**418**	**360**	**286**	**8,457**	**4,409**	**3,912**	**3,916**	**3,072**
Passengers	125	72	83	79	10	4,052	2,423	2,053	1,829	1,511
Employees	434	237	235	193	195	3,756	1,597	1,489	1,630	1,221
Other persons	125	85	100	88	81	649	389	370	457	340
Causes:										
Collisions	------	139	124	152	80	--------	2,071	1,762	2,319	1,557
Passengers	------	37	22	38	6	--------	1,172	917	1,223	897
Employees	------	89	86	107	65	--------	764	699	877	549
Other persons	------	14	16	7	9	--------	135	146	219	111
Derailments	------	197	226	141	122	--------	2,109	1,911	1,362	1,271
Passengers	------	34	61	36	4	--------	1,212	1,113	587	589
Employees	------	111	122	64	83	--------	690	619	599	520
Other persons	------	52	43	41	35	--------	208	179	176	162
Other causes	------	58	68	67	84	--------	228	239	235	244
Passengers	------	2	------	5	------	--------	39	23	19	25
Employees	------	36	27	22	47	--------	143	171	154	152
Other persons	------	20	41	40	37	--------	46	45	62	67
Train-service accidents	**7,462**	**5,794**	**5,946**	**6,329**	**6,096**	**55,240**	**44,420**	**44,081**	**45,733**	**39,531**
Passengers	179	100	88	73	69	3,368	3,155	2,899	2,632	2,375
Employees	2,002	1,088	1,064	1,181	1,039	42,903	31,563	30,995	32,572	26,936
Other persons	5,281	4,605	4,794	5,078	4,988	8,969	9,701	10,187	10,529	10,220
Causes:										
Coupling or uncoupling locomotives or cars	------	80	64	64	48	--------	1,624	1,538	1,591	1,325
Coupling or uncoupling air hose	------	22	19	20	21	--------	435	452	455	398
Operating locomotives	------	20	14	11	22	--------	6,259	5,458	5,697	4,467
Operating hand brakes	------	30	33	29	32	--------	2,090	2,229	2,474	2,158
Operating switches	------	2	3	------	1	--------	965	930	1,142	802
Contact with fixed structures	------	69	61	67	71	--------	836	798	706	625
Getting on or off cars or locomotives	------	484	452	447	428	--------	9,125	9,103	9,351	7,810
Highway grade-crossing accidents [1]	------	1,997	2,156	2,442	2,328	--------	5,826	6,486	6,896	6,482
Struck or run over, not at public crossings	------	[2]2,415	2,422	2,579	2,487	--------	[2]2,079	1,995	2,121	1,959
Miscellaneous	------	1,157	722	670	658	--------	15,595	15,092	15,300	13,505
Nontrain accidents	**516**	**430**	**402**	**401**	**439**	**112,996**	**92,860**	**89,442**	**80,586**	**62,196**
Passengers	(3)	[2]4	5	3	3	(3)	[2]634	691	688	674
Employees	419	329	300	301	332	110,865	90,630	86,740	77,701	60,066
Other persons	97	97	97	97	104	2,132	1,724	1,781	2,197	1,456

[1] Excludes persons killed and injured at highway grade crossings in connection with derailments and miscellaneous train accidents.
[2] Average for 1922 to 1924. Separate data not available for 1921.
[3] No data available.

Source: Interstate Commerce Commission.

No. 426.—PERSONS KILLED AND INJURED IN RAILWAY ACCIDENTS

[NOTE.—For various reasons, including the fact that returns were required under different acts, the statistics are not strictly comparable. Prior to 1921, train accidents were those causing damage to railway property in excess of $150 or any damage and a resulting casualty. Thereafter they were considered as such when the damage exceeded $150 with or without a casualty. Where the damage is less than $150 and there is a reportable casualty it is classified as a train-service accident. Figures for years 1911–1915 include industrial and other nontrain accidents to employees only, and for years 1908–1910 do not cover switching and terminal roads. Otherwise the statement covers all reportable accidents]

Yearly average or year ended—	Total		Passengers		Employees		Other persons		Trespassers [1]	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
June 30:										
1891–1895	6,821	35,313	292	2,967	2,315	27,051	4,214	5,294	-------	-------
1896–1900	6,946	42,248	222	3,237	2,054	32,793	4,670	6,219	-------	-------
1901–1905	9,326	72,943	392	7,894	3,249	57,209	5,686	7,840	-------	-------
1906	10,618	97,706	359	10,764	3,929	76,701	6,330	10,241	-------	-------
1907	11,839	111,016	610	13,041	4,534	87,644	6,695	10,331	-------	-------
1908	10,188	104,230	381	11,556	3,405	82,487	6,402	10,187	-------	-------
1909	8,722	95,626	253	10,311	2,610	75,006	5,859	10,309	-------	-------
1910	9,682	119,507	324	12,451	3,382	95,671	5,976	11,385	-------	-------
1911	10,396	150,159	299	12,042	3,602	126,039	6,495	12,078	-------	-------
1912	10,585	169,538	283	14,938	3,635	142,442	6,667	12,158	-------	-------
1913	10,964	200,308	350	15,130	3,715	171,417	6,899	13,761	-------	-------
1914	10,302	192,662	232	13,887	3,259	165,212	6,811	13,563	-------	-------
1915	8,621	162,040	199	10,914	2,152	138,092	6,270	13,034	-------	-------
Dec. 31:										
1916	10,001	196,722	246	7,152	2,941	176,923	6,814	12,647	-------	-------
1917	10,087	194,805	301	7,582	3,199	174,247	6,587	12,976	-------	-------
1918	9,286	174,575	471	7,316	3,419	156,013	5,396	11,246	-------	-------
1919	6,978	149,053	273	7,456	2,138	131,018	4,567	10,579	-------	-------
1920	6,958	168,309	229	7,591	2,578	149,414	4,151	11,304	-------	-------
1921	5,996	120,685	205	5,584	1,446	104,530	4,345	10,571	-------	-------
1922	6,325	134,871	203	6,712	1,657	117,197	1,967	7,834	2,498	3,128
1923	7,385	171,712	143	6,463	2,026	152,678	2,397	9,279	2,819	3,292
1924	6,617	143,739	153	6,023	1,543	125,319	2,300	9,268	2,621	3,129
1925	6,766	137,435	176	5,643	1,599	119,224	2,347	9,640	2,644	2,928
1926	7,090	130,235	155	5,149	1,672	111,903	2,640	10,387	2,623	2,796
1927	6,821	104,799	82	4,560	1,566	88,223	2,519	9,020	2,654	2,996

[1] Trespassers included with "other persons" prior to 1922.

No. 427.—CONSUMPTION OF FUEL AND REPLACEMENTS OF RAILS AND TIES: CLASS I CARRIERS

[NOTE.—Rails and ties laid in new construction are not included]

	All districts			1926		
	1924	1925	1926	Eastern district	Southern district	Western district
Consumption of fuel by locomotives:						
Anthracite coal ... 1,000 tons	2,679	2,174	2,005	2,005	-------	-------
Bituminous coal ... do	117,247	117,714	122,823	59,451	28,266	35,106
Fuel oil [1] ... 1,000 gallons	2,475,897	2,457,827	2,459,678	11,743	87,391	2,360,544
Hardwood [1] ... cords	34,446	27,784	30,581	9,495	20,580	506
Softwood [1] ... do	93,879	82,998	74,240	20,770	5,815	47,655
Total, coal equivalent [2] ... 1,000 tons	135,617	135,420	140,426	61,552	28,804	50,070
Rails laid in replacement and betterment:						
Total tonnage ... 1,000 long tons	3,185	3,485	3,818	1,674	848	1,296
Total charges [3] ... 1,000 dollars	117,079	126,487	139,899	57,998	32,317	49,584
Ties laid in previously constructed tracks:						
Crossties ... thousands	83,073	82,717	80,745	22,871	17,870	40,004
Switch and bridge ties ... 1,000 board feet	[4] 291,288	[4] 282,630	[4] 275,972	[4] 104,317	65,678	105,977
Total charges [3] ... 1,000 dollars	[4] 123,389	[4] 120,644	[4] 117,532	[4] 44,643	23,821	49,068

[1] The ratio of fuel oil to coal is based upon the experience of the various roads; 1 cord of hardwood equals two-thirds ton of coal; 1 cord of softwood equals one-half ton of coal.
[2] Totals include equivalent of a small amount of miscellaneous fuel.
[3] The total charges shown do not include the labor cost of applying the rails or ties.
[4] Figures do not include data for 6,325 linear feet of steel ties in 1924, 1,435 in 1925, and 450 in 1926.

Source of Tables 426 and 427: Interstate Commerce Commission.

No. 428.—EXPRESS COMPANIES: Income Account

[Note.—Mileage covered by operations of express companies, 1927: Total, 264,931; steam road, 232,401; electric line, 3,002; steamboat line, 24,352; airplane, 4,508; and stage line, 669. Of the total, the American Railway Express Co. operates on 254,582 miles and the Southeastern Express Co. on 10,349 miles]

[All figures in thousands of dollars]

Calendar year	Receipts for transportation	Paid for express privileges	Total operating revenues [1]	Operating expenses	Net operating revenues	Express taxes	Operating income [2]	Other income	Net income [3]
American Railway Express Co.:									
1920	333,890	141,829	195,665	234,810	[4] *39,144*	2,182	[4] *41,364*	2,076	[4] *39,836*
1921	294,664	113,491	184,897	182,285	2,631	2,095	508	2,074	2,309
1922	291,349	142,323	152,503	149,142	3,361	2,214	1,108	1,956	2,774
1923	309,579	155,736	157,444	154,446	2,998	2,138	834	1,851	2,460
1924	287,281	139,997	150,640	147,447	3,193	2,102	1,045	1,458	2,282
1925	290,303	143,832	149,715	146,433	3,282	2,059	1,195	1,088	2,184
1926	294,519	147,812	150,097	146,825	3,272	2,143	1,110	1,237	2,318
1927	284,513	139,494	148,730	145,467	3,263	2,197	1,050	1,204	2,207
Southeastern Express Co.:									
1921 [5]	4,374	1,649	2,781	2,719	61	25	37	10	47
1922	7,103	3,320	3,880	3,750	130	79	50	20	70
1923	7,866	3,877	4,097	3,908	189	88	99	24	123
1924	7,910	3,755	4,266	4,103	163	109	51	19	70
1925	8,041	3,912	4,241	4,086	155	86	67	20	87
1926	8,257	4,021	4,357	4,196	161	83	76	24	100
1927	8,176	3,971	4,342	4,188	154	88	62	28	90

[1] Includes revenues from sources other than transportation.
[2] Deducting, besides taxes, a small amount of uncollectible revenue.
[3] Sum of two preceding columns less small deductions.
[4] Deficit.
[5] Result of operations for eight months ended Dec. 31, 1921.

Source: Interstate Commerce Commission.

No. 429.—THE PULLMAN CO.: Abstract of Operations

[Note.—The first annual report filed with the Interstate Commerce Commission was for the fiscal year ended June 30, 1910]

Year ended—	Gross revenues, car operations	Association revenues, debtor	Contract revenues, debtor	Expenses, car operations		Operating income	Revenue passengers carried	
				Total	Conducting car operations		Number	Per car day
June 30:								
1910	$35,334,074	$66,071	$893,382	$23,961,524	(1)	$13,150,525	20,202,973	14
1911	35,697,582	507,799	1,516,580	25,916,476	$10,082,957	8,914,543	21,655,052	12
1912	37,777,575	486,082	1,418,716	26,849,778	11,118,659	9,984,355	22,915,099	12
1913	40,103,216	512,691	2,034,781	26,712,979	11,785,302	12,417,056	24,864,216	12
1914	41,499,396	490,592	1,969,046	28,115,722	12,375,623	12,270,376	26,188,753	12
1915	38,722,661	467,130	1,953,755	26,632,739	11,715,693	10,816,274	24,252,462	12
1916	43,347,342	487,246	3,239,440	28,836,092	12,761,816	13,017,210	26,781,513	12
Dec. 31:								
1916	44,202,619	482,426	2,694,189	30,878,525	13,456,798	11,745,234	27,866,395	12
1917	51,776,681	102,032	4,408,103	35,448,873	16,046,867	12,469,188	32,260,503	14
1918	49,967,147	--------	3,918,234	40,593,070	20,202,094	7,762,856	28,751,279	13
1919	69,071,548	--------	31,469	48,618,253	26,392,099	19,193,813	37,345,535	15
1920	72,139,906	--------	13,134,259	60,773,216	30,810,845	8,844,065	39,253,761	16
1921	64,438,763	--------	7,079,166	64,743,803	28,136,322	[2] *3,277,270*	31,225,324	13
1922	65,582,291	--------	8,379,158	53,029,407	26,022,330	8,539,759	31,748,385	13
1923	72,576,235	--------	8,555,144	55,885,100	27,365,168	12,289,408	34,249,445	13
1924	72,757,836	--------	9,075,343	61,609,196	30,022,662	7,755,368	34,085,756	12
1925	80,198,066	--------	8,873,299	63,512,593	32,247,467	12,546,004	35,525,810	12
1926	81,834,317	--------	9,463,043	68,204,247	35,008,765	9,564,836	36,073,211	11
1927	80,952,208	--------	8,906,444	66,502,582	34,847,722	10,360,097	35,197,178	11

[1] Not separated. [2] Deficit.

Source: Interstate Commerce Commission.

No. 430.—ALASKAN GOVERNMENT RAILROAD TRAFFIC: Analysis of Statistics of Passenger and Freight Services, Year Ended June 30, 1927

Road mileage operated,—monthly average	543.7
PASSENGER TRAFFIC	
Passenger train-miles [1]	29,919
Mixed train-miles	124,617
Passenger car-miles, passenger trains [1]	29,919
Passenger car-miles, mixed trains	211,870
Total revenue passengers carried	53,609
Number of revenue passengers carried 1 mile	3,628,300
Average distance per passenger carried, miles	67.68
Total passenger revenue	$207,148
Revenue per passenger	$3.86
Average revenue per passenger per mile	$0.05709
Average revenue per train-mile, passenger and mixed	$1.34
Average number of revenue passengers per train-mile	23.48
Average revenue per car-mile	$0.85673
FREIGHT TRAFFIC	
Freight train-miles	99,295
Mixed train-miles	124,617
Loaded cars, 1 mile, freight trains	1,311,248
Loaded cars, 1 mile, mixed trains	217,259
Empty cars, 1 mile, freight trains	762,897
Empty cars, 1 mile, mixed trains	160,571
All cars, 1 mile	2,451,975
Percentage of loaded to total car-miles	62
Tons of revenue freight carried:	
Coal	41,059
Miscellaneous	41,357
Tons of revenue freight carried 1 mile	16,939,211
Average distance hauled per revenue ton, miles	205.53
Total freight revenue	$811,507
Average revenue per ton per mile	$0.04791
Average revenue per train-mile	$3.62
Average revenue tons per loaded car-mile	11.08
Average revenue per loaded car-mile	$0.53091
Average revenue tons per car-mile loaded and empty	6.91
Average revenue tons per train-mile	75.65

[1] Motor miles.

Source: Department of the Interior

No. 431.—ELECTRIC RAILWAYS: Summary of Operations

[Note.—This table does not include the electric operations of steam railway companies. Many electric railway companies also engage in other operations, especially in the sale of current for light and power; wherever possible, such light and power business has been excluded, but for numerous companies this is impossible. No distinction can be made in the statistics between purely urban street railways and suburban and interurban lines. The insignificant amount of business still conducted by cable and animal traction is included, as well as some operations conducted by primarily electric railways by means of steam traction and gasoline engine cars. In the trackage statistics of this table, each track of a double or multiple line is counted separately]

	1890	1902	1907	1912	1917	1922
Number of companies	789	987	1,236	1,260	[1] 1,307	[1] 1,200
Miles of all track operated	8,123.02	22,576.99	34,381.51	41,064.82	44,835.37	43,931.86
Operated by:						
Electricity	1,261.97	21,901.53	34,037.64	40,808.39	44,676.51	43,789.08
Cable	488.31	240.69	61.71	56.41	45.32	45.90
Animal traction	5,661.44	259.10	136.11	57.52	11.16	4.02
Steam	711.30	169.61	105.06	76.34	41.03	1.06
Gasoline-engine cars	----------	[2] 6.06	40.99	66.16	55.61	[3] 86.06
Gravity	----------	----------	----------	----------	5.74	5.74
Value of road and equipment (thousand dollars)	389,357	2,167,634	3,637,669	4,596,563	5,136,442	5,058,762
Number of employees	70,764	140,769	221,429	282,461	294,826	300,523
Number of passenger cars	32,505	60,290	70,016	76,162	79,914	77,301
Revenue passengers including pay transfer [4] (thousands)	2,023,010	4,774,212	7,441,115	9,545,555	11,304,660	12,666,558
Operating revenues	$90,617,211	$247,553,999	$418,187,858	$567,511,704	$709,825,092	$1,016,719,092
Operating expenses	$62,011,185	$142,312,597	$251,309,252	$332,896,356	$452,594,654	$727,795,168
Operating ratio (per cent)	68.4	57.5	60.1	58.7	63.8	71.6

[1] Includes companies maintaining separate organizations, though leased to and controlled through stock ownership by other companies, largely in Pennsylvania. In 1912 and 1907 these companies were treated as merged and not included in the number reported.

[2] Compressed air.

[3] Includes 1.26 miles operated by tractor.

[4] Not including motor-bus passengers.

Source: Bureau of the Census, Department of Commerce.

No. 432.—ELECTRIC RAILWAYS: MILEAGE, EQUIPMENT, OUTPUT OF ELECTRICITY, TRAFFIC, EMPLOYEES, AND SALARIES AND WAGES

[NOTE.—See headnote to Table 431]

	All companies				Surface lines, 1922	Subway and elevated lines, 1922
	1907	1912	1917	1922		
Number of operating companies	945	975	943	858	851	
Miles of all track, total [1]	34,403.56	41,064.82	44,835.37	43,931.86	43,073.93	857.93
First track (length of line)	25,547.19	30,437.86	32,547.58	31,264.26	(2)	(2)
Second and other main tracks	6,938.68	7,895.76	8,899.09	9,100.07	(2)	(2)
Sidings and turnouts	1,917.69	2,731.20	1,918.16	2,085.76	(2)	(2)
Car houses, yards, etc.			1,470.54	1,481.77	(2)	(2)
Electric track with—						
Overhead trolley [3]	32,501.71	38,958.06	42,490.71	41,417.91	[4] 41,367.18	[5] 50.73
Third rail [3]	1,209.78	1,395.13	1,689.37	1,893.11	[4] 1,065.55	[5] 827.56
Conduit trolley	322.70	351.72	361.54	421.30	421.30	----------
Storage battery	3.00	64.67	112.64	37.61	37.61	----------
Gas-electric motor	22.50	38.81	24.43	40.11	40.11	----------
Number of cars, total	83,641	94,016	102,603	99,255	91,159	8,096
Passenger	70,016	76,162	79,914	77,301	69,397	7,904
Express, freight, baggage, and mail	5,669	7,794	11,534	11,406	11,406	----------
Service cars	7,956	10,060	11,155	10,548	10,356	192
Number of electric locomotives	117	277	357	404	404	----------
Horsepower of power-plant equipment, total	[6] 2,519,823	3,661,385	4,200,192	4,119,306	(2)	(2)
Steam turbines	535,404	1,462,800	2,322,692	2,856,006	(2)	(2)
Other steam engines	[6] 1,876,123	1,703,088	1,221,223	827,027	(2)	(2)
Internal-combustion engines	16,335	24,190	28,294	32,495	(2)	(2)
Water wheels and turbines	91,961	471,307	627,983	403,778	(2)	(2)
Kilowatt capacity of generators	1,723,416	2,505,316	2,924,779	2,972,834	(2)	(2)
Electric energy, (1,000 kilowatt hours)	----------	9,020,018	12,187,851	12,405,053	(2)	(2)
Generated	4,759,130	6,002,659	7,240,503	6,473,451	(2)	(2)
Purchased	(7)	3,017,359	4,947,348	5,931,602	(2)	(2)
Passengers carried, total (thousands)	9,533,081	12,135,342	14,506,915	[8] 15,331,400	13,586,232	1,745,168
Revenue passengers, including pay transfer	7,441,115	9,545,555	11,304,661	12,666,558	10,923,274	1,743,284
Free-transfer passengers	1,995,658	2,423,918	3,021,138	2,496,570	2,662,958	1,884
Free passengers	96,308	165,869	181,116	168,272		
Revenue car mileage, total (thousands)	1,617,731	1,921,620	2,139,802	2,124,523	1,821,177	303,346
Passenger	1,583,831	1,885,870	2,087,819	2,068,294	1,764,948	303,346
Express, freight, and mail	33,900	35,750	51,983	56,229	56,229	----------
Average number of revenue passengers:						
Per mile of all track [9]	216,522	232,556	252,323	288,600	253,842	2,031,965
Per passenger car hour	43.06	48.38	53.69	61.14	(2)	(2)
Revenue car hours, total (thousands)	151,339	190,478	203,057	201,838	----------	----------
Passenger	148,678	187,590	199,053	197,146	----------	----------
Express, freight, and mail	2,661	2,888	4,004	4,692	----------	----------
Salaried employees:						
Number	11,700	23,271	27,151	30,239	28,867	1,372
Salaries	$12,909,466	$26,128,786	$33,909,674	$57,489,091	$54,481,024	$3,008,067
Wage earners:						
Number	209,729	259,190	267,675	270,284	244,277	26,007
Wages	$138,081,633	$174,762,153	$233,330,688	$388,191,044	$347,203,108	$40,987,936
Conductors, motormen, and one-man car and bus operators—						
Number	115,518	131,321	136,184	130,628	126,717	[10] 3,911
Wages	$75,705,054	$95,451,625	$127,222,144	$205,238,478	$197,131,208	$8,107,270
Other wage earners—						
Number	94,211	127,869	131,491	139,656	117,560	22,096
Wages	$62,376,579	$79,310,528	$106,108,544	$182,952,566	$150,071,900	$32,880,666

[1] Includes track lying outside the United States (1922 and 1917, 27.06 miles; 1912, 31.91; and 1907, 27.52 miles).
[2] Not shown separately.
[3] Includes 20.96 miles in 1922 and 2.18 miles in 1917 operated by both overhead trolley and third rail.
[4] Includes 0.60 mile operated by both overhead trolley and third rail.
[5] Includes 20.36 miles operated by both overhead trolley and third rail.
[6] Includes 857 units of 43,344 horsepower reported as auxiliary engines.
[7] No data.
[8] In addition there were 16,120,000 passengers carried by 370 motor busses operated by electric railway companies.
[9] Exclusive of idle track and freight and switching roads.
[10] Exclusive of guards on subway and elevated trains, who are classified under "All other wage earners."

Source: Bureau of the Census, Department of Commerce.

No. 433.—ELECTRIC RAILWAYS: Track Mileage and Number of Cars and Busses Operated

[Note.—This table includes the mileage and equipment of street, interurban, and electrified steam railroads. Steam locomotives and cars owned by electric railways and used primarily for steam service are omitted. All data for 1924 and 1925 and data for busses 1923 are about December; all other data about July. In many instances, 1925 data for individual railways were not available and 1924 data were used]

State	Companies operating	Miles of all track[1]	Passenger cars		Electric locomotives	Freight cars		Service cars	Other cars	All cars	Busses operated by electric railways
			Motor	Trailer		Motor	Trailer				
Total United States:											
1915	1,027	46,454	79,007	3,048	512	538	1,884	14,036	380	99,405	(2)
1918	991	48,484	80,270	3,613	645	1,107	2,745	13,817	182	102,379	(2)
1919	841	48,326	79,655	4,447	869	866	5,622	3,672	10,114	105,245	(2)
1920	831	47,705	77,722	6,027	751	1,215	7,441	5,723	6,809	105,688	(2)
1921	838	47,555	77,921	6,142	760	1,324	7,712	7,005	4,754	105,618	129
1922	827	47,150	75,442	7,624	772	1,375	7,903	8,761	2,795	104,672	300
1923	821	47,283	75,249	7,423	814	1,712	8,442	8,971	2,435	105,046	1,173
1924	769	46,837	75,678	6,768	799	1,790	9,016	9,092	2,491	105,634	2,394
1925	759	46,750	74,898	6,737	809	1,760	9,138	9,004	2,370	104,716	5,207
New England States	73	5,411	8,455	356	146	230	104	1,492	110	10,893	577
Connecticut	9	1,574	1,606	68	120	61	12	259	1	2,127	148
Maine	14	512	384	8	6	31	76	122	24	651	7
Massachusetts	28	2,571	5,008	252	10	95	12	887	73	6,337	321
New Hampshire	12	259	324	2	2	5	1	50	9	1,393	15
Rhode Island	4	381	1,044	26	3	35	------	165	------	1,273	83
Vermont	6	114	89	------	5	3	3	9	3	112	3
Eastern States	246	13,814	31,619	2,612	183	362	369	3,196	701	39,042	1,926
Delaware	1	140	191	72	------	3	------	30	------	296	45
District of Columbia	6	388	929	85	8	5	22	123	------	1,172	82
Maryland	9	688	1,967	164	13	22	74	11	14	2,265	134
New Jersey	21	1,434	2,923	108	2	7	10	323	23	3,396	879
New York	86	5,428	16,697	1,614	132	111	103	1,546	537	20,740	221
Pennsylvania	96	4,592	7,651	497	6	178	98	1,066	122	9,618	403
Virginia	13	447	863	63	3	17	32	60	1	1,039	134
West Virginia	14	697	398	9	19	19	30	37	4	516	28
Central States	224	15,758	21,506	2,578	180	872	2,817	2,571	4,065	31,589	1,819
Illinois	40	3,554	6,342	870	63	343	1,082	704	16	9,420	189
Indiana	28	2,485	1,783	269	9	57	662	120	367	3,267	201
Iowa	22	958	716	111	36	20	378	153	8	1,422	53
Kentucky	6	486	765	62	------	15	10	143	8	1,003	24
Michigan	22	1,795	2,817	338	23	133	170	300	274	4,055	427
Minnesota	10	707	1,212	10	4	4	2	104	2	1,338	108
Missouri	19	1,145	2,568	265	4	21	27	344	22	3,251	153
Ohio	59	3,827	4,140	579	33	241	456	462	364	6,275	469
Wisconsin	18	801	1,163	74	8	38	30	241	4	1,558	195
Southern States	70	2,474	3,753	318	21	47	217	343	93	4,792	163
Alabama	8	384	467	80	2	10	34	104	15	712	7
Arkansas	8	125	223	19	------	1	4	17	3	267	17
Florida	7	197	353	11	------	12	5	26	------	407	26
Georgia	10	460	688	32	1	4	10	13	46	794	38
Louisiana	9	316	826	45	------	3	------	82	2	958	22
Mississippi	7	94	106	20	------	5	1	5	2	139	11
North Carolina	8	355	295	22	17	6	161	25	8	534	21
South Carolina	4	126	126	9	------	1	------	6	12	154	14
Tennessee	9	417	669	80	1	5	2	65	5	827	7
Western States	146	9,294	9,565	873	279	249	5,631	1,402	401	18,400	722
Arizona	3	44	48	------	------	------	------	3	------	51	5
California	33	3,409	4,247	310	90	104	3,653	660	63	9,127	380
Colorado	10	392	392	138	8	7	185	122	6	858	7
Idaho	2	89	32	------	3	------	21	3	------	59	2
Kansas	13	517	360	26	3	46	113	43	------	591	42
Montana	7	845	112	26	89	7	2	12	------	248	------
Nebraska	5	251	605	10	3	4	------	93	------	715	6
Nevada	1	8	5	------	------	------	------	------	------	5	------
New Mexico	2	11	16	------	------	------	------	------	------	16	1
North Dakota	4	26	40	22	------	------	------	9	------	71	------
Oklahoma	13	371	289	16	9	6	187	22	34	563	55
Oregon	9	754	700	93	19	------	506	194	58	1,570	25
South Dakota	2	20	27	------	------	2	2	3	------	34	14
Texas	22	1,018	1,404	95	1	19	12	137	25	1,693	73
Utah	5	483	217	45	21	7	240	13	211	754	3
Washington	14	1,040	1,063	92	33	47	710	88	------	2,033	109
Wyoming	1	16	8	------	------	------	------	------	4	12	------

[1] Mileage expressed in nearest mile, originally expressed in nearest hundredth.
[2] No report for busses.

Source: Electric Railway Journal.

No. 434.—FINANCIAL STATISTICS OF ELECTRIC RAILWAYS

[NOTE.—See headnote to Table 431]

[All figures, except percentages, in thousands of dollars]

	All companies				Surface lines, 1922	Subway and elevated lines, 1922
	1907	1912	1917	1922		
INCOME ACCOUNT—OPERATING COMPANIES						
Gross operating revenue	418,188	567,511	709,825	1,016,719	910,857	105,862
Railway operations	400,896	535,996	650,150	925,477		
Passenger	382,132	502,652	603,130	854,663	757,736	96,927
Baggage, express, and milk	1,561	3,688	4,966	5,285		
Freight	5,231	10,165	18,546	31,560	153,121	8,935
Other railway operations	11,972	19,491	23,508	33,969		
Auxiliary operations	17,292	31,515	59,675	91,242		
Operating expenses (total)	251,309	332,896	452,595	727,795	660,135	67,660
Railway operating expenses	245,140	318,700	421,251	678,563	612,099	66,464
Way and structures	28,521	44,270	55,470	102,003	94,126	7,877
Equipment	31,486	38,717	48,982	87,236	77,500	9,736
Power	43,972	53,599	76,958	107,246	92,790	14,456
Conducting transportation	[1] 97,123	[1] 129,205	174,973	286,690	256,957	29,733
All other	44,038	52,909	64,868	95,388	90,726	4,662
Auxiliary operations	6,169	14,196	31,344	49,232	48,036	1,196
Ratio of expenses to revenue (per cent)	60.1	58.7	63.8	71.6	72.5	63.9
Net operating revenue	166,879	234,615	257,230	288,924	250,722	38,202
Taxes (deduct)	19,756	35,028	45,756	64,788	58,347	6,441
Operating income	147,123	199,587	211,474	224,136	192,375	31,761
Nonoperating income (add)	11,556	18,419	20,283	32,329	29,708	2,621
Gross income	158,679	218,006	231,757	256,465	222,083	34,382
Deductions from gross income (total)	[2] 118,339	149,866	175,306	199,277	164,421	34,856
Rent for leased roads	48,022	44,785	48,303	43,771	30,937	12,834
Interest on debt	63,741	98,025	119,113	139,126	119,901	19,225
Miscellaneous	[2] 6,576	7,056	7,890	16,380	13,583	2,797
Net income	40,340	68,140	56,451	57,188	57,662	[3] 474
Dividends	26,455	51,650	48,337	36,729	36,729	
Surplus	13,885	16,490	8,114	20,459	20,933	[3] 474
INCOME STATISTICS—OPERATING AND LESSOR COMPANIES COMBINED [4]						
Gross income	159,092	218,467	232,213	257,217		
Interest	81,771	113,259	135,260	152,247		
Other deductions from gross income [5]	[2] 8,533	17,553	15,183	30,764		
Net income	68,788	87,655	81,770	74,206		
Dividends	54,485	70,992	73,263	53,663		
Surplus	14,303	16,663	8,507	20,543		
Per cent of stock paying dividends	48.3	53.3	49.2	39.6		
Average rate of dividend on stock paying dividends (per cent)	5.4	5.6	6.0	5.8		
Average rate of dividend on all stock, pct.	2.6	3.0	3.0	2.3		
BALANCE SHEET—OPERATING AND LESSOR COMPANIES COMBINED [4]						
Total assets or liabilities [6]	4,300,041	5,448,695	6,272,617	6,655,274		
Assets—						
Road and equipment	3,637,669	4,596,563	5,136,442	5,058,763		
Other physical property			79,608	89,180		
Securities of other electric railways	210,343	266,962	312,606	276,534		
Securities of other companies	(7)	57,775	63,395	95,757		
Treasury securities	27,553	93,143	77,883	169,902		
Other permanent investments	136,768	47,371	108,769	153,497		
Current assets and miscellaneous	251,529	348,732	415,173	618,202		
Profit and loss deficit [8]	36,179	38,149	78,741	193,439		
Liabilities—						
Capital stock	2,031,986	2,379,346	2,473,847	2,329,173		
Funded debt	1,672,960	2,329,222	3,051,179	3,103,826		
Real estate mortgages	4,060	6,097	7,198	13,795		
Floating debt	278,927	296,162	166,592	176,735		
Reserves	27,223	80,776	75,744	152,082		
Accrued depreciation	(7)	(7)	73,934	181,127		
Miscellaneous liabilities	178,262	223,656	267,310	531,796		
Profit and loss surplus [8]	106,623	133,436	156,813	166,740		
Net surplus	70,444	95,287	78,072	[3] 26,699		

[1] Includes superintendence of power. [2] Includes "Charges for sinking fund."
[3] Deficit. [4] Not shown separately for surface, subway, and elevated groups.
[5] Exclusive of rentals paid by operating to lessor companies.
[6] Figures for 1907 and 1912 not strictly comparable with those for later years.
[7] Not reported separately.
[8] For companies having surplus or deficit, respectively.

Source: Bureau of the Census, Department of Commerce.

No. 435.—ELECTRIC RAILWAYS:

[NOTE.—See headnote to Table 431. The track mileage represents that actually lying in each State, but conducted in other States. The differences among the States in the relation of passengers carried to interurban as against purely urban traffic. The information obtained in regard to motor-bus operations age represents passenger, express, freight, and mail-car mileage]

Division and State	Miles of track lying in State or division [1]				Revenue passengers carried by companies domiciled in State (in thousands)				
								1922	
	1907	1912	1917	1922	1907	1912	1917	Car lines	Motor bus
United States	**34,354**	**41,033**	**44,808**	**43,905**	**7,441,115**	**9,545,555**	**11,304,660**	**12,666,558**	**12,791**
New England	**4,863**	**5,299**	**5,556**	**5,049**	**875,116**	**1,051,162**	**1,242,077**	**1,133,706**	**3,400**
Maine	418	530	572	566	36,730	47,049	55,463	50,010	-------
New Hampshire	268	268	269	263	20,087	23,673	23,405	19,650	-------
Vermont	113	121	126	117	7,103	8,136	8,739	6,950	-------
Massachusetts	2,851	2,951	3,056	2,688	597,470	705,918	834,529	731,999	448
Rhode Island	431	435	454	403	91,172	94,086	113,191	142,156	853
Connecticut	781	993	1,080	1,011	122,554	172,300	206,740	182,941	2,099
Middle Atlantic	**8,891**	**10,064**	**10,604**	**10,519**	**2,839,019**	**3,513,721**	**4,225,287**	**4,978,142**	**88**
New York	3,809	4,486	4,773	4,737	1,657,687	2,120,964	2,492,325	3,090,878	-------
New Jersey	1,320	1,309	1,368	1,342	269,099	356,853	432,875	466,811	8
Pennsylvania	3,762	4,270	4,462	4,440	912,233	1,029,899	1,300,087	1,420,453	80
East North Central	**10,353**	**11,884**	**12,703**	**12,431**	**1,607,895**	**2,159,621**	**2,712,625**	**2,977,484**	**3,933**
Ohio	3,671	3,999	4,236	3,974	480,844	632,332	811,913	870,160	2,004
Indiana	1,929	2,323	2,356	2,305	137,547	173,019	191,132	241,871	2
Illinois	2,754	3,186	3,441	3,416	703,493	932,668	1,096,804	1,127,719	386
Michigan	1,324	1,526	1,768	1,817	183,239	286,956	447,780	557,549	351
Wisconsin	676	849	901	919	102,772	134,646	164,996	180,185	1,190
West North Central	**2,455**	**3,031**	**3,607**	**3,604**	**615,631**	**787,301**	**902,369**	**941,841**	**1,026**
Minnesota	438	538	656	681	136,122	186,918	235,943	262,740	41
Iowa	641	784	1,015	999	61,440	93,418	103,898	95,494	-------
Missouri	867	959	1,094	1,098	346,362	402,210	442,756	463,618	985
North Dakota	14	19	24	21	1,872	2,862	2,841	3,378	-------
South Dakota	5	22	24	17	126	1,657	1,915	2,023	-------
Nebraska	184	214	211	206	49,323	64,709	74,560	76,846	-------
Kansas	306	494	582	581	20,386	35,527	40,456	37,742	-------
South Atlantic	**2,244**	**2,900**	**3,221**	**3,191**	**487,982**	**616,725**	**747,562**	**830,216**	**298**
Delaware	105	99	102	96	15,724	18,024	26,047	20,860	290
Maryland	552	720	775	758	152,268	186,828	228,634	248,594	
District of Columbia.	160	188	195	199	91,569	114,100	125,536	155,952	
Virginia	513	561	581	554	77,300	91,980	112,814	116,289	-------
West Virginia	208	330	395	422	42,750	52,842	76,163	91,079	-------
North Carolina	106	190	228	216	14,086	21,241	26,915	29,964	-------
South Carolina	131	228	314	301	15,695	17,873	25,042	20,211	-------
Georgia	351	417	450	449	59,701	86,601	93,640	105,950	8
Florida	118	165	183	197	18,889	27,236	32,771	41,317	-------
East South Central	**1,071**	**1,291**	**1,457**	**1,477**	**220,887**	**268,785**	**292,004**	**308,021**	-------
Kentucky	402	502	516	517	85,859	103,512	109,105	115,594	-------
Tennessee	292	361	447	495	73,747	91,896	101,825	110,369	-------
Alabama	294	309	369	368	52,197	62,494	70,343	73,646	-------
Mississippi	86	119	124	98	9,084	10,883	10,731	8,412	-------
West South Central	**840**	**1,372**	**1,704**	**1,724**	**193,338**	**270,746**	**313,203**	**380,580**	**1,507**
Arkansas	82	114	122	120	17,145	24,304	26,283	29,305	649
Louisiana	239	285	331	305	85,194	94,053	105,753	128,337	-------
Oklahoma	100	252	302	324	9,502	22,121	30,766	35,402	858
Texas	419	721	950	975	81,497	130,268	150,401	187,536	-------
Mountain	**630**	**1,048**	**1,311**	**1,291**	**113,304**	**154,224**	**162,222**	**148,706**	**42**
Montana	69	99	121	111	13,862	15,351	22,197	15,255	-------
Colorado	317	468	467	431	73,458	86,597	84,624	81,613	-------
New Mexico	10	11	11	11	1,029	951	1,486	1,383	42
Arizona	31	46	53	44	1,902	4,554	7,483	5,474	-------
Idaho	73	129	155	149	1,327	4,170	3,279	3,256	-------
Wyoming	-------	23	23	23	-------	1,399	1,457	684	-------
Nevada	7	11	12	5	620	750	805	480	-------
Utah	123	260	469	517	21,106	40,452	40,891	40,561	-------
Pacific	**3,008**	**4,146**	**4,647**	**4,619**	**487,943**	**723,270**	**707,311**	**967,862**	**2,497**
Washington	730	991	1,022	954	110,507	126,687	145,922	142,745	684
Oregon	259	549	603	612	49,459	75,842	67,223	71,804	-------
California	2,013	2,605	3,022	3,053	327,977	520,741	494,166	753,313	1,813

[1] Mileage figures expressed to nearest mile, original figures to nearest hundredth.

Source: Bureau of Census, Department of Commerce.

Operating Statistics, by States

all other data relate to the total operations of companies domiciled in the State, part of which may be passenger revenue and in other similar ratios are largely due to differences in the relative importance of related only to those lines which formed integral parts of electric-railway companies. Revenue car mile-

Passenger revenue of companies domiciled in State (thousands of dollars)			Revenue car miles operated by companies domiciled in State (thousands)			Electric kilowatt hours generated or purchased by companies (thousands) [1]			Division and State
1912	1917	1922	1912	1917	1922	1912	1917	1922	
502, 652	603, 130	854, 663	1, 921, 620	2, 139, 802	2, 124, 523	9, 020, 018	12, 187, 851	12, 405, 053	United States.
52, 521	63, 944	87, 704	191, 451	209, 504	173, 083	772, 103	999, 938	856, 732	**New England.**
2, 458	3, 055	4, 243	11, 124	12, 255	11, 027	74, 967	102, 270	123, 069	Maine.
1, 202	1, 191	1, 585	4, 726	3, 890	4, 006	17, 555	16, 498	17, 668	New Hampshire.
423	487	451	1, 776	1, 865	1, 406	8, 989	21, 755	15, 330	Vermont.
35, 146	42, 442	58, 521	125, 894	137, 560	105, 162	485, 620	634, 368	507, 566	Massachusetts.
13, 292	16, 769	22, 904	15, 085	17, 204	16, 244	66, 619	80, 610	69, 521	Rhode Island.
			32, 846	36, 730	35, 238	118, 353	144, 437	123, 578	Connecticut.
180, 634	217, 573	297, 560	663, 589	705, 361	710, 550	2, 717, 966	3, 305, 150	3, 582, 761	**Middle Atlantic.**
110, 700	128, 286	168, 451	411, 008	432, 267	442, 114	1, 701, 299	2, 068, 249	2, 317, 327	New York.
17, 616	21, 561	30, 863	60, 994	68, 966	69, 214	216, 670	267, 944	257, 563	New Jersey.
52, 318	67, 726	98, 246	191, 587	204, 628	199, 222	799, 997	968, 957	1, 007, 871	Pennsylvania.
118, 128	148, 331	213, 365	474, 239	543, 029	546, 337	2, 263, 964	3, 205, 626	3, 183, 161	**East North Central.**
32, 672	42, 631	55, 359	137, 548	153, 469	141, 247	692, 017	1, 195, 401	1, 057, 656	Ohio.
12, 796	14, 679	20, 286	47, 879	52, 214	58, 552	277, 337	359, 504	393, 750	Indiana.
49, 815	59, 941	93, 817	201, 027	225, 445	230, 127	950, 837	1, 197, 748	1, 248, 193	Illinois.
15, 877	23, 025	31, 473	61, 189	82, 294	83, 571	218, 392	303, 852	303, 984	Michigan.
6, 968	8, 055	12, 430	26, 596	29, 607	32, 840	124, 881	149, 121	179, 578	Wisconsin.
40, 854	48, 538	66, 880	152, 347	173, 866	174, 012	696, 396	953, 196	905, 889	**West North Central.**
9, 420	12, 189	15, 850	32, 793	38, 794	36, 066	153, 369	176, 330	168, 131	Minnesota.
5, 259	6, 138	7, 850	22, 122	25, 293	29, 152	103, 564	184, 534	249, 323	Iowa.
20, 216	23, 001	34, 137	72, 573	80, 670	80, 738	361, 995	485, 181	386, 272	Missouri.
222	245	342	661	709	926	851	1, 095	1, 583	North Dakota.
			474	563	579	806	1, 108	1, 018	South Dakota.
3, 277	3, 784	4, 930	12, 613	14, 018	13, 980	39, 660	52, 583	61, 215	Nebraska.
2, 460	3, 181	3, 771	11, 111	13, 819	12, 571	36, 151	52, 365	38, 347	Kansas.
30, 921	39, 395	58, 863	124, 591	142, 658	153, 154	643, 079	1, 265, 465	1, 553, 814	**South Atlantic.**
15, 480	19, 225	30, 995	3, 967	4, 123	3, 883	22, 512	49, 041	72, 552	Delaware.
			34, 439	40, 328	42, 401	134, 350	186, 992	218, 853	Maryland
			18, 558	18, 538	21, 037	84, 892	98, 905	134, 842	District of Columbia.
4, 532	6, 078	7, 540	19, 903	21, 968	24, 312	123, 110	231, 491	347, 532	Virginia
3, 034	4, 502	6, 570	11, 707	14, 523	15, 238	67, 168	112, 161	166, 287	West Virginia.
1, 177	1, 323	2, 068	5, 998	6, 725	6, 887	41, 822	86, 247	50, 563	North Carolina.
929	1, 750	1, 755	4, 658	8, 236	7, 719	17, 876	103, 864	65, 907	South Carolina.
4, 395	4, 893	7, 521	19, 217	20, 908	22, 619	125, 820	364, 691	448, 304	Georgia.
1, 374	1, 624	2, 414	6, 144	7, 209	9, 058	25, 529	32, 073	48, 974	Florida.
13, 868	15, 127	20, 840	58, 056	64, 293	58, 389	290, 348	411, 335	389, 189	**East South Central.**
5, 592	5, 895	7, 643	22, 274	22, 865	20, 372	88, 875	101, 774	80, 978	Kentucky.
4, 664	5, 217	7, 735	18, 936	21, 401	19, 122	100, 072	170, 036	131, 742	Tennessee.
3, 004	3, 425	4, 812	13, 313	16, 037	15, 820	87, 751	116, 223	166, 282	Alabama.
608	590	650	3, 533	3, 990	3, 075	13, 650	23, 302	10, 187	Mississippi.
14, 790	18, 663	29, 529	61, 617	77, 411	80, 091	245, 080	375, 989	549, 756	**West South Central.**
1, 183	1, 279	1, 781	5, 594	5, 917	5, 735	27, 364	37, 442	60, 402	Arkansas.
4, 725	5, 334	9, 388	21, 812	23, 833	20, 429	109, 350	137, 777	209, 374	Louisiana.
1, 254	1, 900	3, 127	6, 143	7, 979	9, 356	20, 477	27, 522	45, 834	Oklahoma.
7, 628	10, 150	15, 233	28, 068	39, 682	44, 571	87, 889	173, 248	234, 146	Texas.
8, 061	9, 267	11, 459	30, 150	34, 120	32, 739	206, 842	181, 910	193, 463	**Mountain.**
800	1, 150	951	2, 901	3, 592	2, 979	10, 227	17, 927	18, 304	Montana.
4, 521	4, 409	6, 222	17, 202	17, 031	15, 746	106, 373	111, 508	120, 175	Colorado.
282	439	382	309	453	410	466	389	608	New Mexico.
			1, 019	1, 277	981	2, 969	5, 149	2, 499	Arizona.
451	424	388	1, 420	1, 488	1, 323	5, 108	5, 743	5, 540	Idaho.
			381	308	253	1, 036	844	798	Wyoming.
2, 007	2, 845	3, 516	270	236	108	652	538	283	Nevada.
			6, 648	9, 735	10, 939	80, 011	39, 812	45, 256	Utah.
42, 875	42, 292	68, 463	165, 580	189, 060	196, 168	1, 184, 240	1, 429, 242	1, 190, 288	**Pacific.**
7, 283	8, 134	12, 273	29, 517	36, 128	36, 299	508, 794	743, 746	266, 632	Washington.
4, 578	4, 231	6, 285	19, 509	22, 529	21, 341	182, 547	233, 153	339, 636	Oregon.
31, 014	29, 927	49, 905	116, 554	130, 403	138, 528	492, 899	512, 343	584, 020	California.

[1] Includes duplication of energy purchased from electric-railway companies; amount not ascertainable.

No. 436.—ELECTRIC RAILWAYS: Mileage of Elevated and Subway and Tunnel Track, by States

[Note.—In these statistics all track is included; each track of a double or multiple line is counted separately]

Class of trackage and State	1907	1912	1917	1922
Elevated, total	**362.39**	**417.80**	**497.29**	**601.69**
New York	200.41	230.80	296.99	362.80
Illinois	125.77	141.90	146.89	163.88
Pennsylvania	7.67	9.87	16.71	32.40
Massachusetts	16.70	26.58	26.23	30.08
New Jersey	[1] 7.26	4.37	4.41	4.36
Missouri	3.18	2.88	2.96	2.88
Washington	----------	----------	----------	2.69
Maryland	1.40	1.40	1.40	1.40
California	----------	----------	1.20	1.20
Kansas	----------	----------	.50	----------
Subways and tunnels, total	**74.77**	**112.70**	**218.79**	**325.56**
New York [2]	60.38	70.54	162.37	269.14
Massachusetts	7.75	18.45	25.24	26.98
New Jersey [3]	----------	11.68	12.62	12.62
Pennsylvania	5.62	8.42	8.95	7.95
California	----------	.30	5.43	5.35
Illinois	.60	1.87	1.93	1.80
All other States [4]	.42	1.44	2.25	1.72

[1] Includes 3.06 miles of Camden and Atlantic branch of West Jersey & Seashore Railroad Co., tabulated as an electrified division of a steam road for 1917 and 1912.
[2] Excludes 11.68 miles operated in New Jersey.
[3] Includes 11.68 miles owned by a New York company.
[4] Rhode Island, Minnesota and Missouri, 1922: Connecticut, Minnesota, Missouri, Rhode Island, West Virginia, and Wisconsin, 1917; Kansas, Missouri, Oregon, and Tennessee, 1912; Missouri, 1907.

Source: Bureau of the Census, Department of Commerce.

No. 437.—RECEIVERSHIPS OF ELECTRIC RAILWAYS

Year	Placed under receivership				Sold under foreclosure				
	Number of companies	Miles of track	Outstanding securities		Number of companies	Miles of track	Outstanding securities		Receivers' certificates
			Stock	Bonds			Stock	Bonds	
			Dollars	*Dollars*			*Dollars*	*Dollars*	*Dollars*
1909	22	558.00	29,962,200	22,325,000	21	488.00	22,265,700	21,174,000	(1)
1910	11	696.61	12,629,400	75,490,735	22	724.36	19,106,613	26,374,075	(1)
1911	19	518.90	29,533,450	38,973,293	25	660.72	91,354,800	115,092,750	(1)
1912	26	373.58	20,410,700	11,133,800	18	267.18	14,197,300	10,685,250	(1)
1913	18	342.84	31,006,900	47,272,200	17	302.28	15,243,700	19,094,500	(1)
1914	10	362.39	35,562,550	19,050,460	11	181.26	26,239,700	44,094,241	(1)
1915	27	1,152.10	40,298,050	39,372,375	19	308.31	30,508,817	16,759,997	(1)
1916	15	359.26	14,476,600	10,849,200	19	430.14	13,895,400	22,702,300	(1)
1917	21	1,177.32	33,918,725	33,778,400	26	745.19	27,281,900	27,313,045	(1)
1918	29	2,017.61	92,130,388	163,257,102	23	524.22	37,740,325	20,149,384	(1)
1919	48	3,781.12	321,259,354	312,915,104	29	2,675.48	89,893,400	79,836,738	42,300
1920	19	1,065.31	28,758,455	72,283,575	13	259.90	7,782,400	11,227,328	52,000
1921	19	986.42	32,909,525	36,177,800	13	777.97	33,642,255	30,863,526	5,000
1922	14	695.43	18,140,150	20,304,400	13	322.88	7,491,500	12,640,600	114,683
1923	12	333.63	8,332,100	14,707,066	15	927.45	118,077,959	110,638,250	12,265,000
1924	12	1,021.88	28,489,700	35,716,000	14	869.25	21,022,800	34,845,535	3,440,388
1925	14	1,260.07	51,383,195	54,696,525	13	569.39	18,074,300	18,329,555	53,000
1926	*16*	*1,228.28*	*17,769,435*	*117,560,073*	*28*	*1,291.17*	*20,054,700*	*57,340,363*	*214,000*
1927	13	624.32	17,615,050	20,875,450	16	940.68	53,345,000	78,445,100	3,140,000

[1] Data not available.

Source: Annual Statistical Number, Electric Railway Journal.

21.—WATERWAYS, WATER TRAFFIC, AND SHIPPING

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, storage, 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. 438.—WATER-BORNE COMMERCE OF THE UNITED STATES

[NOTE.—**All figures in thousands of short tons.** Figures represent net tonnage; all known duplications are eliminated within each class and as between classes in the adjusted total]

Year	Atlantic, Gulf, and Pacific coasts		Great Lakes		Rivers, canals, connecting channels	Adjusted total, foreign and domestic
	Foreign	Domestic	Foreign	Domestic		
1923	82,999	180,660	14,660	110,858	153,700	478,000
1924	85,433	197,625	16,129	93,703	173,200	453,700
1925	92,043	209,917	16,504	113,644	204,569	483,400
1926	114,693	227,392	16,600	120,794	217,000	540,500

No. 439.—GREAT LAKES, COMMERCE OF THE PRINCIPAL PORTS

[NOTE.—**All figures in thousands of short tons.** Foreign and domestic trade is included. A small amount not distinguished as to receipts or shipments is excluded]

Port	Receipts				Shipments			
	1923	1924	1925	1926	1923	1924	1925	1926
Total	114,904	98,249	119,814	122,188	120,455	104,265	119,827	127,384
Agate Bay, Minn	310	183	190	250	7,180	5,463	6,753	7,027
Alpena, Mich	153	202	227	229	832	961	1,168	1,372
Ashland, Wis	789	760	749	760	6,994	5,399	7,466	7,998
Ashtabula, Ohio	11,761	7,342	8,792	10,376	5,704	2,793	1,868	2,068
Buffalo, N. Y.:								
By lake	14,490	14,971	14,985	13,313	3,539	3,895	2,970	3,369
By canal	277	167	503	393	638	775	1,036	998
Calcite, Mich	59	43	93	67	7,608	6,856	8,413	9,041
Calumet, Ill	11,123	7,494	11,272	10,906	793	1,967	1,014	1,892
Chicago, Ill	1,079	1,083	1,651		902	575	488	
Cleveland, Ohio	11,481	8,633	11,426	11,993	2,975	1,951	666	761
Conneaut, Ohio	10,038	8,305	9,777	10,656	3,026	1,880	1,612	2,144
Detroit, Mich	2,977	2,846	4,019	4,042	230	127	197	279
Duluth-Superior	14,171	10,399	10,935	11,780	45,103	35,018	40,130	41,915
Erie, Pa	2,183	1,189	951	1,685	1,366	1,170	575	1,198
Escanaba, Mich	285	270	327	578	6,275	4,777	6,474	7,093
Fairport, Ohio	3,187	2,794	3,327	3,495	975	602	1,001	697
Frankfort, Mich	1	855	933	898	1	652	716	732
Gary, Ind	4,460	3,465	6,760	5,967	----	----	----	----
Green Bay, Wis	1,156	975	1,166	1,271	234	224	257	266
Huron, Ohio	1,265	831	1,165	1,358	1,531	800	747	612
Indiana Harbor, Ind	3,389	3,344	3,956	4,646	752	851	1,332	798
Lorain, Ohio	4,431	3,862	5,259	4,731	3,848	2,282	1,581	2,104
Ludington, Mich	106	1,001	1,012	985	149	1,472	1,522	1,449
Manitowoc, Wis	331	1,291	1,440	1,422	19	727	765	734
Marquette, Mich	343	241	290	241	950	1,178	1,402	1,018
Marquette Bay, Mich	----	----	----	----	2,181	1,645	2,517	2,320
Milwaukee, Wis	5,016	5,100	5,611	6,111	569	1,377	1,297	1,426
Rouge River, Mich	1,459	2,067	2,946	3,163	----	25	64	36
Sandusky, Ohio	780	580	243	158	3,117	4,233	6,120	6,934
Toledo, Ohio	2,547	1,874	1,871	2,278	9,441	9,446	14,049	14,202
All other	5,255	6,082	7,937	8,436	3,519	5,140	5,626	6,403

Source of Tables 438 and 439: Annual Reports of the Chief of Engineers, United States Army.

No. 440.—SAULT STE. MARIE CANALS: 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		Average distance freight was carried	Total ton-miles	Average freight charges per ton-mile	Freight charges	Valuation of freight	Proportion of freight carried by Canadian vessels
	Total	By steamers						
	1,000 short tons	*1,000 short tons*	*Miles*	*Thousands*	*Mills*	*1,000 dollars*	*1,000 dollars*	*Per cent*
1890	9,041	6,292	797.2	7,207,299	1.30	9,472	102,215	3.50
1895	15,063	10,581	830.0	12,502,549	1.14	14,239	159,575	3.75
1900	25,643	19,587	825.9	21,179,229	1.18	24,953	267,042	2.91
1905	44,271	37,725	833.3	36,892,798	.85	31,421	416,965	4.99
1907	58,217	52,937	828.3	48,221,466	.80	38,457	569,830	4.72
1908	41,391	38,145	842.0	34,853,548	.69	23,903	470,141	7.24
1909	57,895	53,650	809.0	46,812,929	.78	36,292	626,104	6.27
1910	62,363	58,040	840.0	52,405,535	.74	38,711	654,011	6.08
1911	53,477	49,580	826.0	44,173,813	.67	29,492	595,020	6.79
1912	72,473	68,008	831.0	60,242,833	.67	40,578	791,358	5.53
1913	79,718	75,174	820.0	65,330,717	.68	44,381	865,958	6.18
1914	55,370	52,063	832.8	46,112,252	.60	27,597	634,800	8.85
1915	71,290	67,099	832.0	59,316,744	.71	41,984	882,263	6.19
1916	91,888	87,109	824.0	75,717,393	.80	60,845	974,161	6.22
1917	89,814	85,566	820.0	73,634,550	1.21	89,277	1,196,922	5.71
1918	85,680	81,847	818.2	70,107,617	1.19	83,508	987,005	5.51
1919	68,236	65,683	815.0	55,611,610	1.05	58,479	914,514	7.03
1920	79,282	76,495	816.1	64,702,375	1.33	85,742	1,119,774	5.57
1921	48,259	47,913	788.3	38,042,633	1.14	43,344	746,134	11.00
1922	66,067	64,316	810.7	53,563,756	1.20	64,154	957,127	7.95
1923	91,380	88,211	801.3	73,218,218	1.10	80,843	1,026,045	8.30
1924	72,037	70,570	813.2	58,579,012	1.20	59,769	1,079,676	9.15
1925	81,875	79,528	800.9	65,577,430	1.08	71,093	1,117,817	7.46
1926	85,679	82,895	809.5	69,360,106	1.13	78,517	1,063,876	9.11
1927	83,354	81,339	808.4	67,387,157	1.03	69,331	1,131,653	8.71

No. 441.—SAULT STE. MARIE CANALS: Detailed Statistics

[Note.—See headnote to Table 440]

	1900	1910	1915	1920	1925	1926	1927
Date of opening canal	Apr. 19	Apr. 12	Apr. 13	Apr. 19	Apr. 8	Apr 29	Apr. 12
Date of closing canal	Dec. 16	Dec. 15	Dec. 20	Dec. 26	Dec. 17	Dec. 17	Dec. 18
Passages, by all vessels	19,452	20,899	21,233	18,847	20,650	20,898	18,759
Steamers	14,426	17,674	17,699	16,336	18,718	18,949	17,096
Other registered vessels	4,004	1,890	1,884	1,354	1,091	1,324	973
Unregistered vessels	*1,022*	*1,335*	*1,650*	*1,157*	*841*	*625*	*690*
Registered tonnage (1,000 net tons) of vessels	22,316	49,856	56,399	58,194	69,240	71,291	64,325
Freight cargo (1,000 short tons)	25,643	62,363	71,290	79,282	81,875	85,679	83,354
Passengers	58,555	66,933	50,336	68,451	56,956	52,704	55,115
FREIGHT	In thousands of unit specified (000 omitted)						
Flour ... barrels	6,761	7,577	8,437	7,478	9,289	9,797	9,383
Wheat ... bushels	40,489	86,260	255,482	143,456	292,818	271,997	330,898
Other grain ... do	16,175	39,245	64,787	51,630	149,927	100,270	119,520
Lumber ... feet b. m	909,651	603,101	456,451	192,854	186,486	173,075	152,608
Copper ... tons [1]	131	148	156	52	63	59	67
Iron ore ... do	16,444	41,604	45,214	56,780	53,874	57,649	50,098
Manufactured and pig iron ... *tons* [1]	*136*	*445*	*212*	*76*	*147*	*216*	*194*
Coal ... do	4,487	13,514	13,357	14,156	12,874	14,439	17,108
Salt ... do	49	78	105	99	58	60	59
Oil [2] ... do	----------	----------	----------	353	223	253	257
Stone [2] ... do	49	10	----------	563	667	582	658
General merchandise [2] ... do	541	1,412	1,595	556	707	718	803

[1] Short tons (2,000 pounds). [2] Prior to 1916 "General merchandise" included "oil" and "broken stone, sand, and gravel." Since that date the latter is included in "stone."

Source of Tables 440 and 441: Annual Report of the Chief of Engineers, United States Army.

No. 442.—NEW YORK STATE CANALS: TONNAGE OF FREIGHT MOVED

[NOTE.—All figures in short tons. Tonnage handled over State terminals but not moved through any portion of the canal channel is not included]

Yearly average	All canals	Erie division	Yearly average or year	All canals	Erie division			
					Total freight	Grain	Sand, gravel, stone	Petroleum
1837–1840	1,339,016	771,741	1901–1905	3,335,210	2,144,492			
1841–1845	1,613,317	884,522	1906–1910	3,238,129	2,206,595			
1846–1850	2,781,410	1,556,696	1911–1915	2,448,837	1,626,451			
1851–1855	3,976,501	2,141,476	1916–1920	1,348,365	798,706			
1856–1860	3,911,407	1,889,759	1921–1925	1,905,291	1,548,408	630,453	333,250	191,406
1861–1865	5,049,341	2,743,929	1920	1,421,434	891,221	112,821	327,633	64,174
1866–1870	5,987,724	3,018,359	1921	1,270,407	993,639	356,985	247,653	103,400
1871–1875	5,974,097	3,326,073	1922	1,873,434	1,485,109	550,831	337,656	164,176
1876–1880	5,219,888	3,542,020	1923	2,006,284	1,626,062	629,763	375,964	190,104
1881–1885	5,210,389	3,495,590	1924	2,032,317	1,691,766	698,246	365,266	237,018
1886–1890	5,281,441	3,589,631	1925	2,344,013	1,945,466	916,441	339,713	262,331
1891–1895	4,112,061	2,962,528	1926	2,369,367	1,935,278	795,598	287,189	263,202
1896–1900	3,544,951	2,446,065	1927	2,581,892	2,047,774	791,037	325,076	327,616

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

No. 443.—PRINCIPAL COMMODITIES CARRIED ON THE OHIO RIVER

[NOTE.—In short tons. Ferry traffic is excluded. Totals include small items not shown separately]

Commodity	Total		Up		Down	
	1925	1926	1925	1926	1925	1926
Total	15,737,072	19,754,978	3,353,115	4,781,852	12,383,957	14,973,126
Animals and animal products	9,153	15,098	6,273	11,659	2,880	3,439
Livestock	5,459	6,407	3,681	3,786	1,778	2,621
Poultry and eggs	1,149	6,661	1,061	6,224	88	437
Hides and leather	95	168	53	33	42	135
Dairy products	432	786	364	651	68	135
Vegetable food products	43,848	57,479	31,355	32,222	12,493	25,257
Groceries	12,650	13,313	6,183	5,399	6,467	7,914
Sugar and molasses	943	919	799	677	144	242
Grains	23,203	31,086	19,555	18,704	3,648	12,382
Hay, feed, straw	4,289	4,781	3,295	2,513	994	2,268
Other vegetable products	1,717		441		1,276	
Textiles	4,498	3,316	2,612	1,806	1,886	1,510
Dry goods	4,498	2,905	2,612	1,395	1,886	1,510
Wood and paper	188,472	397,634	37,334	77,187	151,138	320,447
Furniture	2,021	2,805	1,161	1,711	860	1,094
Logs and lumber	52,628	142,048	27,978	69,130	24,650	72,918
Railroad ties of wood	133,738	252,731	8,143	6,296	125,595	246,435
Minerals, nonmetallic	14,628,676	18,516,099	2,998,657	4,478,915	11,630,019	14,037,184
Cement	20,582	29,980	18,590	20,308	1,992	9,672
Sand and gravel	6,854,477	8,997,515	2,199,852	3,883,642	4,654,625	5,113,873
Stone	551,432	436,073	519,507	400,503	31,925	35,570
Coal	6,527,917	8,355,478	221,666	124,834	6,306,251	8,230,644
Coke	397,217	358,229	3,564	3,279	393,653	354,950
Crude oil	174,491	236,522	5,368	1,832	169,123	234,690
Gasoline and kerosene	54,064	72,236	16,513	24,750	37,551	47,486
Other refined oils	42,743	9,197	8,628	3,815	34,115	5,382
Sulphur	1,600	10,002	1,600	10,002		
Metals, etc	539,638	538,085	118,387	96,809	421,251	441,276
Pig metal	124,083	[1] 210,960	39	[1] 75,131	124,044	[1] 135,829
Scrap iron	92,879		92,211		668	
Pipe	94,011	[2] 327,125	8,595	[2] 21,678	85,416	[2] 305,447
Structural steel	118,698		6,345		112,353	
Other iron and steel	73,420		7,274		66,146	
Machinery and vehicles	58,932	44,953	24,054	21,414	34,878	23,539
Machinery	13,747	6,996	6,087	1,643	7,660	5,353
Boats and barges	44,583	37,377	17,724	19,654	26,859	17,723
Autos and trucks	472	580	147	117	325	463
Chemicals	15,107	23,826	1,967	3,644	13,140	20,182
Acids	13,495	20,758	1,265	2,020	12,230	18,738
Fertilizers	1,597	3,068	702	1,624	895	1,444
Unclassified	247,031	158,488	132,035	58,196	114,996	100,292

[1] Unmanufactured iron and steel. [2] Manufactured iron and steel.

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

No. 444.—OHIO RIVER TRAFFIC: TONNAGE, TON-MILEAGE, AND VALUE OF FREIGHT

[NOTE.—Figures exclude ferry traffic. In 1926 the tons of freight carried on ferries were reported as 2,311,959, but the hauls of course are very short. The passenger traffic other than on ferries for 1926 was: Passengers, 1,677,476; passenger miles, 24,106,375]

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*
1911	11,772	----------	75,471	**1923—Total**	**8,281**	(1)	**110,022**
1912	6,999	----------	34,617	Up	1,670	(1)	40,557
1913	8,413	----------	40,941	Down	6,610	(1)	69,466
1914	7,589	----------	38,069	**1924—Total**	**10,867**	(1)	**128,356**
1915	7,346	1,095,423	50,906	Up	3,007	(1)	37,666
1916	6,045	598,383	38,774	Down	7,859	(1)	90,690
1917	4,599	378,491	70,510	**1925—Total**	**15,737**	**825,497**	**151,622**
1918	6,171	315,504	77,685	Up	3,353	77,673	49,208
1919	5,004	604,751	88,912	Down	12,384	747,824	102,414
1920	9,382	1,183,915	223,443	**1926—Total**	**19,755**	(1)	**150,086**
1921	7,308	844,895	93,275	Up	4,782	(1)	40,931
1922	6,292	807,793	144,796	Down	14,973	(1)	109,155

[1] Not available.

No. 445.—LOWER MISSISSIPPI RIVER TRAFFIC: FREIGHT AND PASSENGERS

[NOTE.—Each section of the river is treated separately and some of the traffic of each is duplicated in others. The section "Between Ohio and Missouri Rivers" for 1921 and previous years was reported as "St. Louis to Cairo." Ferry traffic is not included]

Year	Between Ohio and Missouri Rivers		Cairo to Memphis		Memphis to Vicksburg		Vicksburg to New Orleans	
	Short tons	Passengers	Short tons	Passengers	Short tons	Passengers	Short tons	Passengers
1920	1,008,152	719,097	1,044,955	69,757	925,763	477,155	2,874,910	267,349
1921	1,104,150	494,924	902,823	124,485	1,629,747	102,930	7,323,335	222,338
1922	548,114	1,945,642	923,386	104,162	1,441,048	62,690	5,544,506	154,402
1923	723,068	2,689,258	1,048,322	159,224	1,452,837	13,748	5,493,297	204,685
1924	738,728	1,771,971	1,153,021	109,987	1,666,440	49,855	7,633,277	223,462
1925	1,003,569	533,484	1,688,654	68,092	3,212,259	60,534	9,101,650	214,615
1926	1,005,979	1,336,920	1,660,188	106,393	4,792,780	17,899	11,074,488	490,851

Commodity	Short tons							
	Down-bound	Up-bound	Down-bound	Up-bound	Down-bound	Up-bound	Down-bound	Up-bound
1925, total	**583,323**	**420,246**	**1,037,652**	**651,002**	**1,821,025**	**1,391,234**	**7,738,396**	**1,363,254**
Animals and products	2,612	3,061	18,791	7,905	4,040	12,533	4,906	38,209
Vegetable food products	202,149	87,148	357,041	145,108	353,275	234,133	466,063	265,219
Other vegetable products	3,328	947	3,832	3,042	8,819	2,953	62,046	3,870
Textiles	854	19,512	5,074	53,191	15,657	68,531	22,235	54,579
Wood and paper	25,196	73,823	255,913	161,998	507,903	112,963	196,810	87,011
Nonmetallic minerals	204,755	52,915	234,197	14,907	780,323	645,267	6,878,304	627,150
Ores, metals, and manufactures of	39,325	158,692	106,620	244,001	67,034	243,492	61,052	246,292
Machinery and vehicles	3,807	143	10,059	758	50,476	44,600	8,512	2,825
Chemicals	3,230	1,927	10,624	4,278	8,154	11,198	7,267	15,423
Unclassified	98,067	22,078	35,501	15,814	25,344	15,564	31,201	22,676
1926, total	**585,600**	**420,379**	**927,459**	**732,729**	**3,627,638**	**1,165,142**	**9,612,163**	**1,462,325**
Animals and products	9,784	9,493	699	3,636	609	3,703	517	4,559
Vegetable food products	225,078	113,492	196,903	221,211	191,922	302,727	201,488	335,676
Other vegetable products	790	758	644	1,832	13,590	1,995	13,567	2,863
Textiles	1,455	26,087	3,727	49,881	41,150	49,955	51,873	48,352
Wood and paper	15,147	42,588	87,639	155,229	377,240	59,088	209,864	118,437
Nonmetallic minerals	171,619	42,254	305,359	48,518	2,756,580	467,426	8,939,110	683,364
Ores, metals, and manufactures of	36,745	160,435	191,691	202,632	101,018	202,543	94,616	206,207
Machinery and vehicles	2,808	799	13,573	343	47,684	28,195	9,380	2,295
Chemicals	6,256	5,487	7,731	18,039	6,758	19,168	5,158	19,913
Unclassified	115,918	18,986	119,493	31,408	91,087	30,342	86,590	40,659

Source of Tables 444 and 445: Annual reports of the Chief of Engineers, United States Army.

No. 446.—UNITED STATES MERCHANT MARINE: DOCUMENTED TONNAGE

[NOTE.—For definition of "gross ton" see general note, p. 413. All data after 1840 are as of June 30]

Year	Number			Thousands of gross tons			Tonnage (thousands of gross tons) employed in—			
	Total	Sailing [1]	Steam and motor	Total	Sailing [1]	Steam and motor	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	1,127	64	538	517	40	98
1840 [4]				2,181	1,978	202	763	1,177	137	104
1850				3,535	3,010	526	1,440	1,798	146	152
1860				5,354	4,486	868	2,379	2,645	167	163
1870	28,998	25,474	3,524	4,247	3,171	1,075	1,449	2,638	68	91
1880	24,712	19,995	4,717	4,068	2,856	1,212	1,314	2,638	38	78
1890	23,467	17,502	5,965	4,424	2,565	1,859	928	3,409	19	68
1900	23,333	16,280	7,053	5,165	2,507	2,658	817	4,287	10	52
1910	25,740	13,288	12,452	7,508	2,608	4,900	783	6,669	9	47
1914	26,943	11,452	15,491	7,929	2,501	5,428	1,066	6,818	10	34
1915	26,701	10,753	15,948	8,389	2,446	5,944	1,863	6,486	9	32
1916	26,444	10,383	16,061	8,470	2,400	6,070	2,185	6,245	7	33
1917	26,397	10,155	16,242	8,871	2,438	6,433	2,441	6,393	6	32
1918	26,711	10,053	16,658	9,925	2,453	7,471	3,599	6,282	4	38
1919	27,513	9,862	17,651	12,907	2,492	10,416	6,665	6,201	4	36
1920	28,183	9,369	18,814	16,324	2,501	13,823	9,925	6,358	4	38
1921	28,012	8,941	19,071	18,282	2,537	15,745	11,077	7,163	4	37
1922	27,358	8,398	18,960	18,463	2,481	15,982	10,720	7,703	4	36
1923	27,017	8,071	18,946	18,285	2,463	15,821	9,069	9,177	4	35
1924	26,575	7,825	18,750	17,741	2,425	15,315	8,794	8,911	3	32
1925	26,367	7,730	18,637	17,406	2,430	14,976	8,151	9,216	4	35
1926	26,343	7,654	18,689	17,311	2,463	14,848	7,719	9,552	3	38
1927	25,778	7,394	18,384	16,888	2,381	14,507	7,309	9,533	8	38

Classes	Number					Thousands of gross tons				
	1900	1910	1920	1926	1927	1900	1910	1920	1926	1927
By utilization:										
Registered—										
Foreign trade	1,288	1,490	5,932	4,616	4,434	817	783	9,925	7,719	7,309
Whale fisheries	42	36	26	15	17	10	9	4	3	8
Enrolled—										
Coasting and internal trade	13,241	13,654	12,181	12,654	12,559	4,196	6,555	6,233	9,433	9,417
Cod and mackerel fisheries	545	395	196	199	198	44	39	32	31	31
Licensed—										
Coasting and internal trade	7,327	9,328	9,463	8,549	8,268	91	114	124	119	116
Cod and mackerel fisheries	890	837	385	310	302	8	8	6	7	7
By location:										
Atlantic and Gulf [5]	16,532	17,084	16,850	15,488	15,010	2,728	3,523	9,739	11,015	10,665
Pacific [6]	2,217	3,574	6,512	6,157	6,178	613	937	3,326	3,290	3,249
Northern lakes	3,167	3,273	3,091	2,626	2,560	1,566	2,895	3,139	2,844	2,805
Western rivers	1,417	1,809	1,730	2,072	2,030	258	154	120	161	168
By power:										
Sail	13,271	8,947	4,030	2,362	2,137	1,885	1,655	1,272	1,092	989
Steam [7]	7,053	12,452	8,103	7,273	6,881	2,658	4,900	13,466	14,318	13,874
Motor [7]			10,711	11,416	11,503			357	530	633
Canal boats	647	674	448	331	301	73	74	52	39	37
Barges	2,362	3,667	4,891	4,961	4,956	549	878	1,177	1,332	1,355
By material:										
Wood	22,108	23,527	23,781	21,291	20,761	3,572	3,391	3,876	2,838	2,728
Metal	1,225	2,213	4,402	5,052	5,017	1,593	4,117	12,448	14,473	14,160

[1] Including 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 Porto Rico in 1910, 1920, 1926 and 1927, and also Virgin Islands in 1920, 1926 and 1927.

[6] Including Hawaii and Alaska. [7] Motor vessels included in steam in 1900 and 1910.

Source: Reports of the Commissioner of Navigation.

No. 447.—UNITED STATES MERCHANT MARINE: LARGER SEAGOING VESSELS, BY CLASSES AND SIZE, AS OF JULY 1

[NOTE.—For definition of "gross ton" see general note, p. 413. The number and tonnage reached their maximum in 1921]

	Number					Thousands of gross tons				
	1919	1921	1924	1926	1927	1919	1921	1924	1926	1927
Vessels of 500 gross tons or over, total	**2,658**	**3,723**	**3,322**	**3,052**	**2,836**	**7,755**	**13,234**	**12,535**	**11,895**	**11,378**
Private ownership	1,676	1,925	1,983	1,996	1,957	3,928	5,241	6,245	6,733	6,836
Shipping Board [1]	982	1,798	1,339	1,056	879	3,827	7,994	6,290	5,162	4,540
Steam and gas	-------	2,888	2,574	2,388	2,218	-------	12,216	11,575	11,030	10,572
Sailing and unrigged	-------	835	748	664	618	-------	1,019	960	865	804
Foreign trade	-------	2,559	1,885	1,552	1,305	-------	10,621	8,415	7,129	6,291
Coasting trade	-------	1,164	1,437	1,500	1,531	-------	2,614	4,120	4,766	5,085
Steel	1,605	2,549	2,469	2,365	2,195	6,308	11,441	11,387	11,058	10,597
Wood	1,053	1,174	853	687	641	1,447	1,793	1,148	837	779
Power vessels of 1,000 gross tons and over, total	**1,729**	**2,752**	**2,461**	**2,281**	**2,116**	**6,766**	**12,116**	**11,490**	**10,950**	**10,496**
Steel	1,436	2,387	2,310	2,216	2,055	6,073	11,210	11,147	10,837	10,389
Wood	293	365	151	65	61	694	906	344	114	107
Passenger	208	238	197	198	198	887	1,271	1,214	1,270	1,270
Freight	1,328	2,145	1,853	1,694	1,532	4,822	8,620	7,817	7,331	6,869
Tank	179	351	396	375	372	982	2,124	2,377	2,284	2,282
Refrigerator	14	18	15	14	14	75	101	83	75	75
Steam engine	-------	2,697	2,395	2,215	2,042	-------	11,984	11,315	10,734	10,234
Oil burning	-------	1,595	1,692	1,688	1,632	-------	8,240	8,889	8,843	8,650
Coal burning	-------	1,102	703	527	410	-------	3,744	2,426	1,891	1,584
Oil engine (internal-combustion)	-------	55	[2] 66	[2] 66	[2] 74	-------	132	175	216	262
Size—gross tons:										
1,000 to 1,999	186	151	165	134	125	297	234	265	202	185
2,000 to 2,999	652	879	630	526	425	1,609	2,209	1,588	1,298	1,102
3,000 to 3,999	221	362	306	272	230	754	1,232	1,053	927	762
4,000 to 4,999	133	199	230	220	215	610	922	1,074	1,027	1,005
5,000 to 5,999	215	558	503	508	505	1,192	3,110	2,824	2,823	2,806
6,000 to 6,999	208	337	350	347	345	1,325	2,149	2,220	2,221	2,207
7,000 to 7,999	60	158	153	146	145	450	1,164	1,133	1,073	1,066
8,000 to 8,999	26	54	58	59	57	217	451	485	493	477
9,000 to 9,999	3	10	23	27	27	28	96	220	259	259
10,000 and over	25	44	43	42	42	284	548	629	626	627

[1] One thousand gross tons or over; the Shipping Board fleet is almost wholly of such vessels.
[2] Includes 7 vessels of 15,695 gross tons, propelled by electrically driven screws.

No. 448.—VESSELS BUILT IN THE UNITED STATES AND DOCUMENTED FOR AMERICAN SHIPOWNERS: YEARS ENDED JUNE 30

Yearly average or year	Number	Gross tons	Year	Number	Gross tons
1797–1800	---------	72,574	1909	1,247	238,090
1801–1810	---------	[1] 102,452	1910	1,361	342,068
1811–1820	---------	89,797	1911	1,422	291,162
1821–1830	790	89,372	1912	1,505	232,669
1831–1840	924	118,960	1913	1,475	346,155
1841–1850	1,195	185,309	1914	1,151	316,250
1851–1860	1,466	366,603	1915	1,157	225,122
1861–1870	1,654	299,602	1916	937	325,413
1871–1880	1,455	253,800	1917	1,297	664,479
1881–1890	1,056	230,197	1918	1,528	1,300,868
1891–1900	1,055	235,699	1919	1,953	3,326,621
1901–1910	1,311	418,178	1920	2,067	3,880,639
1911–1920	1,449	1,090,938	1921	1,361	2,265,115
1903	1,311	436,152	1922	845	661,232
1904	1,184	378,542	1923	770	335,630
1905	1,102	330,316	1924	1,049	223,968
1906	1,221	418,745	1925	967	199,846
1907	1,157	471,332	1926	924	224,673
1908	1,457	614,216	1927	917	245,144

[1] Nine-year average, there being no record of the tonnage for 1802.

Source of Tables 447 and 448: Reports of the Commissioner of Navigation.

No. 449.—VESSELS BUILT IN UNITED STATES: By Classes and Regions

[Note.—For definition of "gross ton" see general note p. 413. Data are for years ended June 30]

Class and where built	1901–1910, average	1911–1915, average	1916–1920, average	1921–1925, average	1924	1925	1926	1927
Total.....number..	1,311	1,342	1,556	998	1,049	967	924	917
Gross tons.....	418,178	282,272	1,899,604	737,190	223,968	199,846	224,673	245,144
Sailing.....number..	300	70	82	38	15	28	11	8
Gross tons.....	59,857	16,339	70,599	27,685	914	2,869	263	326
Steam and gas...number..	681	911	1,111	697	673	679	645	661
Gross tons.....	287,593	200,669	1,734,296	639,341	145,493	141,053	140,586	181,504
Canal boats.....number..	46	36	19	9	3	2	7	10
Gross tons.....	5,022	4,099	2,613	1,043	375	270	1,508	2,147
Barges.....number..	284	325	344	254	358	258	261	238
Gross tons.....	65,705	61,164	92,096	69,121	77,186	55,654	82,316	61,167
Metal.....gross tons..	270,852	181,166	1,511,043	631,109	136,132	125,693	132,646	179,756
Wood.....do....	147,326	101,106	388,561	106,081	87,836	74,153	92,027	65,388
Gross tons built on:								
New England coast.....	59,491	21,474	112,835	45,913	3,174	5,615	4,995	6,574
Middle Atlantic and Gulf coasts.....	130,226	149,941	833,438	442,721	106,414	76,784	131,994	124,068
Pacific coast.....	34,482	34,439	687,076	174,926	36,249	41,534	22,669	45,565
Northern lakes.....	184,724	69,794	260,138	58,317	50,223	66,087	55,169	52,746
Western rivers.....	9,256	6,623	6,117	15,313	27,908	9,826	9,846	16,191

VESSELS BUILT FOR FOREIGNERS[1]

	1911	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1926	1927
Number.....	1	1	2	5	36	41	22	59	23	33	10	4	7	9
Gross tons..	8	12	414	275	2,949	124,560	48,531	121,098	39,507	65,938	55,991	17,408	272	610

[1] None built for foreigners in 1912, 1924, and 1925.

Source: Reports of the Commissioner of Navigation.

No. 450.—MERCHANT VESSELS LAUNCHED: World Total and Leading Countries

[Note.—Vessels of 100 gross tons and over. For definition of "gross ton" see general note, p. 413. Vessels under construction Dec. 31, 1926, numbered 476 of 1,929,027 gross tons]

Calendar year	Total		Steam and motor		Sail and barge	
	Number	Gross tons	Number	Gross tons	Number	Gross tons
World total:						
1910–1914, average.....	1,533	2,739,079	1,180	2,631,779	353	107,300
1915–1920, average[1].....	1,488	4,046,860	1,296	3,918,746	192	128,114
1921–1925, average.....	942	2,578,620	830	2,531,592	112	47,028
1918[1].....	1,866	5,447,444	1,697	5,341,199	169	106,245
1919[1].....	2,483	7,144,549	2,095	6,788,632	388	355,917
1920[1].....	1,759	5,861,666	1,563	5,742,984	196	118,682
1921.....	1,377	4,341,679	1,205	4,274,375	172	67,304
1922.....	852	2,467,084	745	2,425,729	107	41,355
1923.....	701	1,643,181	620	1,614,790	81	28,391
1924.....	924	2,247,751	838	2,200,741	86	47,010
1925.....	855	2,193,404	742	2,142,325	113	51,079
1926.....	600	1,674,977	525	1,630,134	75	44,843

Country	Gross tons, all classes			Country	Gross tons, all classes		
	1924	1925	1926		1924	1925	1926
United States.....	140,063	128,776	150,613	Italy.....	82,526	142,046	220,021
United Kingdom....	1,439,885	1,084,633	639,568	Japan.....	72,757	55,784	52,405
British Dominions..	44,879	46,078	33,678	Netherlands.....	63,627	78,823	93,671
Belgium.....	3,997	4,206	3,627	Norway.....	25,139	28,805	9,237
China.....	1,850	1,692	2,150	Russia.....	.....	.....	16,520
Danzig.....	18,839	11,674	.....	Spain.....	3,859	127	25,671
Denmark.....	63,937	73,268	72,108	Sweden.....	31,211	53,750	53,518
France.....	79,685	75,569	121,342	Other countries....	984	1,799	300
Germany.....	175,113	406,374	180,548				

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

Source: Lloyd's Register of Shipping.

No. 451.—MERCHANT MARINE OF THE WORLD AND PRINCIPAL COUNTRIES

[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 in all years and most sailing vessels belonging to Greece, Turkey, and southern Russia, 1919 to 1927, are not included. Figures for Philippine Islands included with United States beginning with 1910. See general note, p. 413]

	Thousands of tons (see headnote)										
	World total	United Kingdom	United States	Japanese	French	German	Italian	Dutch	Norwegian	Swedish	Spanish
1895	25,108	12,118	2,165	280	1,095	1,887	779	447	1,659	498	554
1900	29,044	13,241	2,750	488	1,351	2,650	984	530	1,641	637	695
1905	36,001	15,803	3,996	871	1,728	3,565	1,189	702	1,776	804	732
1910	41,915	17,516	5,059	1,147	1,882	4,333	1,321	1,015	2,015	918	765
1915	49,262	19,541	5,893	1,826	2,286	4,706	1,737	1,523	2,529	1,123	899
1920	57,314	18,330	16,049	2,996	3,245	673	2,242	1,793	2,219	1,073	997
1922	64,371	19,296	17,062	3,587	3,846	1,887	2,866	2,633	2,601	1,115	1,283
1923	65,166	19,282	16,945	3,604	3,737	2,590	3,034	2,626	2,552	1,208	1,260
1924	64,024	19,106	15,957	3,843	3,498	2,954	2,832	2,556	2,505	1,255	1,240
1925	64,641	19,441	15,377	3,920	3,512	3,074	3,029	2,601	2,681	1,301	1,185
1926	64,784	19,400	14,879	3,968	3.491	3,111	3,241	2,565	2,842	1,338	1,163
1927	65,193	19,309	14,670	4,033	3,470	3,363	3,483	2,654	2,824	1,365	1,161

	Number					Thousands of tons (see headnote)					
	1900	1910	1920	1925	1927	1900	1910	1914	1920	1925	1927
World total	**28,422**	**30,058**	**31,595**	**32,916**	**32,175**	**29,044**	**41,915**	**49,090**	**57,314**	**64,641**	**65,193**
Steam and motor, total	15,898	22,008	26,513	29,205	28,967	22,369	37,291	45,404	53,905	62,380	63,267
Steel and iron	14,548	20,403	23,382	26,468	26,474	21,915	36,769	44,934	51,661	61,317	62,439
Wood and composite	1,350	1,605	3,131	2,737	2,493	454	521	470	2,244	1,063	828
Oil burners steam [1]	-------	-------	*1,731*	*3,214*	*3,373*	-------	-------	*1,528*	*8,346*	*17,215*	*17,980*
Oil engines [1]	-------	-------	*290*	*608*	*881*	-------	-------	*194*	*698*	*2,157*	*3,674*
Sailing, total	12,524	8,050	5,082	3,711	3,208	6,674	4,624	3,686	3,409	2,261	1,926
Steel and iron	2,468	2,115	1,314	919	808	2,992	2,508	2,095	1,524	954	793
Wood and composite	10,056	5,935	3,768	2,792	2,400	3,683	2,116	1,590	1,885	1,307	1,133
Tankers [1]	-------	-------	*673*	*1,072*	*1,166*	-------	-------	*1,441*	*3,068*	*5,311*	*5,790*
United States, total	3,135	3,469	5,457	4,882	4,503	2,750	5,059	5,368	16,049	15,377	14,670
Steam and motor	932	1,712	4,110	3,921	3,674	1,455	3,827	4,330	14,574	14,272	13,691
Sailing	2,203	1,757	1,347	961	829	1,295	1,232	1,038	1,475	1,005	979
Steel and iron	731	1,409	3,396	3,504	3,279	1,447	3,846	4,355	13,645	14,205	13,665
Wood and composite	2,404	2,060	2,061	1,378	1,224	1,304	1,212	1,013	2,404	1,173	1,006
British, total	10,838	11,495	10,831	10,989	10,655	14,261	19,012	21,045	20,583	22,222	22,174
Steam and motor	7,930	9,837	9,779	10,068	9,785	12,149	18,059	20,524	20,143	21,908	21,878
Sailing	2,908	1,658	1,052	921	870	2,112	953	521	440	314	296
Steel and iron	8,760	9,995	9,586	9,836	9,626	13,687	18,675	20,793	20,205	21,920	21,913
Wood and composite	2,078	1,500	1,245	1,153	1,029	574	338	252	378	303	261
United Kingdom	8,914	9,417	8,561	8,559	8,216	13,241	17,516	19,257	18,330	19,441	19,309
Other British	1,924	2,078	2,270	2,430	2,439	1,020	1,496	1,788	2,252	2,781	2,865
French, total	1,214	1,465	1,758	1,828	1,752	1,351	1,882	2,319	3,245	3,512	3,470
Steam and motor	662	875	1,400	1,527	1,525	1,052	1,448	1,922	2,963	3,320	3,362
Sailing	552	590	358	301	227	298	434	397	282	192	108
German, total	1,710	2,178	1,138	2,028	1,990	2,650	4,333	5,459	673	3,074	3,363
Steam and motor	1,209	1,822	901	1,947	1,951	2,160	3,959	5,135	419	3,006	3,320
Sailing	501	356	237	81	39	490	374	325	253	67	43
Argentine	201	267	198	226	267	88	163	222	150	223	262
Austro-Hungarian	270	369	-------	-------	-------	416	779	1,056	-------	-------	-------
Belgian	117	165	213	240	224	163	300	352	415	543	499
Brazilian	332	383	400	374	376	163	252	324	498	466	525
Chilean	127	139	112	144	128	111	151	126	104	186	162
Chinese	49	68	102	178	219	66	90	93	143	270	328
Danish	802	863	745	772	748	519	737	820	803	1,060	1,060
Dutch	406	628	987	1,099	,156	530	1,015	1,496	1,793	2,601	2,654
Finnish	-------	-------	-------	324	342	-------	-------	-------	-------	211	241
Greek	369	408	405	459	484	245	528	837	530	898	1,029
Italian	1,176	1,080	1,115	1,353	1,429	984	1,321	1,668	2,242	3,029	3,483
Japanese [2]	484	846	1,940	2,087	2,035	488	1,147	1,708	2,996	3,920	4,033
Norwegian	2,380	2,065	1,777	1,805	1,805	1,641	2,015	2,505	2,219	2,681	2,824
Portuguese	204	190	249	284	282	111	110	121	276	300	258
Russian	1,246	1,241	613	377	346	721	887	1,054	535	322	309
Spanish	597	579	749	930	885	695	765	899	997	1,185	1,161
Swedish	1,433	1,472	1,297	1,389	1,371	637	918	1,118	1,073	1,301	1,365
Yugoslavian	-------	-------	-------	129	144	-------	-------	-------	-------	168	246

[1] 500 gross tons and over; figures are included in preceding totals. [2] Excluding sailing vessels.

Source: Lloyd's Registers.

No. 452.—VESSELS CONTROLLED BY THE UNITED STATES SHIPPING BOARD MERCHANT FLEET CORPORATION: As of December 31

[Note.—For definition of dead-weight tons see general note p. 413. No tonnage shown on tugs]

	1923	1926	
	Dead-weight tons	Number	Dead-weight tons
Grand total	9,185,452	854	6,662,002
ORIGIN			
Requisitioned steel	1,461,634	135	1,130,666
Contract steel	7,280,775	680	5,295,379
Contract wood	11,370	8	
Contract concrete	51,783	1	7,500
Purchased	158,846	16	128,962
Seized enemy	215,144	9	99,495
Vessels acquired from other Government departments	5,900	5	
CLASS			
Steel	9,119,899	844	6,654,502
Cargo (completed)	8,140,521	790	6,230,974
Cargo (uncompleted)	9,400	1	9,400
Coolie carriers	4,000		
Cargo and passenger	431,768	14	145,100
Tankers	395,055	20	168,108
Refrigerators	100,920	14	100,920
Transports	38,235		
Tugs		5	
Wood and composite	13,770	9	
Concrete	51,783	1	7,500
Active steel	3,362,576	350	3,075,990
Cargo	2,875,947	326	2,871,075
Cargo and passenger	278,734	11	117,100
Refrigerator	9,737		
Coolie carrier and cargo	4,000		
Tankers	194,158	9	87,815
Tugs		4	
Temporarily inactive steel	206,847		
Cargo	147,613		
Cargo and passenger	25,082		
Refrigerator	8,700		
Tankers	25,452		
Active wood and composite	2,400	7	
Inactive steel	5,550,476	494	3,578,512
Cargo	5,126,361	465	3,369,299
Cargo and passenger	127,952	3	28,000
Refrigerators	82,483	14	100,920
U. S. Army transports	38,235		
Tankers	175,445	11	80,293
Tugs		1	
Inactive concrete	51,783	1	7,500
Inactive wood and composite	11,370	2	

Source: United States Shipping Board.

No. 453.—SHIPPING BOARD VESSELS SOLD: By Type

[Note.—Data for 1921 are: Grand total, 50 vessels of 254,125 dead-weight tons, 20 steel vessels of 157,875 dead-weight tons, 30 wood vessels of 96,250 dead-weight tons]

Type	1922		1923		1924		1925		1926	
	Number	Dead-weight tons [1]	Number	Dead-weight tons [1]	Number	Dead-weight tons [1]	Number	Dead-weight tons [1]	Number	Dead-weight tons [1]
Grand total	362	1,510,676	112	728,721	49	345,396	147	768,142	278	1,415,536
Steel vessels	104	582,249	106	705,108	46	328,224	141	747,474	275	1,415,536
Cargo	72	426,905	45	256,153	22	122,980	107	545,198	258	1,250,156
Passenger	5	29,354	3	32,434	12	136,510	8	91,999	8	90,825
Tankers	6	51,000	39	358,474	4	40,102	9	84,627	6	53,500
Colliers	2	10,972								
Coolie carriers			2	7,395			1	4,000		
Transports	1	11,000			1	3,500				
Sailers	2	5,847								
Tugs	5		11		4		14			
Barges	4	7,200								
Wrecks	1	9,493	1	9,419	1	7,825				
For conversion to Diesel:										
Cargo	6	30,469	3	20,725			1	11,679		
Tankers			2	20,508	2	17,307	1	9,971	3	21,055
Concrete vessels	1	7,500	1	3,078	3	17,172	2	9,298		
Cargo			1	3,078			1	3,000		
Tankers	1	7,500			2	13,672	1	6,298		
Wrecks					1	3,500				
Composite vessels: Cargo	10	35,600	1	3,575			1	3,500		
Wood vessels	247	885,327	3	16,960			3	7,870	3	
Cargo	240	881,577	4	12,034			2	7,870		
Tugs	6						1		3	
Barges	1	3,750								
Wrecks			1	4,929						

[1] See general note, p. 413. No tonnage shown on tugs.

Source: United States Shipping Board.

No. 454.—UNITED STATES SHIPPING BOARD AND UNITED STATES SHIPPING BOARD MERCHANT FLEET CORPORATION: NET APPROPRIATIONS AND ALLOTMENTS FROM INCEPTION TO JULY 1, 1927

For fiscal years ended prior to July 1, 1925	$3,522,991,172
United States Shipping Board—Acts of Sept. 7, 1916; June 12, 1917; July 1, 1918; July 19, 1919; June 5, 1920; March 4, 1921; June 16, 1921; June 12, 1922; February 13, 1923, and June 7, 1924	3,885,166
United States Shipping Board Emergency Fleet Corporation	3,519,106,006
Act of Sept. 7, 1916, permanent fund	50,000,000
Acts from June 15, 1917, to June 12, 1922, emergency shipping fund	3,325,863,502
Acts of Feb. 13, 1923, and June 7, 1924, current maintenance and operations	80,000,000
Act of June 12, 1922, claims, damage charges, and miscellaneous adjustments	38,254,185
Acts of Apr. 17, 1917, and July 1, 1918, national security and defense (presidential allotments)	24,988,319
For fiscal year ended June 30, 1926	24,330,000
United States Shipping Board	330,000
Act of Mar. 3, 1925—	
Seven commissioners	84,000
Printing and binding	8,000
All other expenses	238,000
United States Shipping Board Emergency Fleet Corporation—Act of Mar. 3, 1925, current maintenance and operations	24,000,000
For fiscal year ending June 30, 1927	24,198,574
United States Shipping Board	208,574
Act of Apr. 22, 1926—	
Seven commissioners	84,000
Printing and binding	6,000
All other expenses	208,574
United States Shipping Board Emergency Fleet Corporation	23,900,000
Act of Apr. 22, 1926—	
Current maintenance and operations	13,900,000
Operation of trade lines, ex-purchasers (expenditures on approval of President of the United States)	10,000,000
Net appropriations and allotments	3,571,519,746

Source: United States Shipping Board.

No. 455.—UNITED STATES SHIPPING BOARD AND UNITED STATES SHIPPING BOARD EMERGENCY FLEET CORPORATION: STATEMENT OF PROFIT AND LOSS (EXCLUDING LIQUIDATION), FISCAL YEAR 1926

[All money figures in thousands of dollars]

Class of vessel	Number of terminations	Cargo tonnage and passengers	Estimated voyage revenue	Operating costs: Estimated voyage expense	Operating costs: Adjustment	Operating costs: Insurance	Operating costs: Repairs	Operating costs: Advertising	Operating costs: Administrative expense	Operating costs: Total expense	Profit or loss
Freighters	1,021	[2] 7,887	53,630	57,527	1,360	3,090	3,944	166	3,064	69,151	[3] *15,521*
Passenger and cargo (excluding United States lines), passenger	45	[1] 27 [2] 560	9,232	7,703	271	287	642	139	227	9,268	[3] *37*
United States lines, passenger	57	[1] 81 [2] 213	15,940	15,191	[3] *69*	418	1,277	300	320	17,437	[3] *1,497*
Tankers	92	[2] 936	2,067	1,310	22	145	155	------	50	1,682	385
Total ocean operations	1,215	[1] 108 [2] 9,597	80,870	81,730	1,584	3,940	6,018	605	3,661	97,538	[3] *15,669*
Tugs	43	------	130	106	------	5	10	------	1	123	7
Chartered vessels	------	------	39	------	------	27	------	------	12	40	([4])
Total vessel operations	1,258	[1] 108 [2] 9,597	81,039	81,836	1,584	3,972	6,029	605	3,674	97,701	[3] *15,662*
Expense of inactive vessels	------	------	------	------	------	------	------	------	------	------	[3] *3,844*
Miscellaneous income, net	------	------	------	------	------	------	------	------	------	------	899
Profit or loss	------	------	------	------	------	------	------	------	------	------	[3] *19,607*

[1] Unit is 1,000 passengers. [2] Unit is 1,000 tons. [3] Losses. [4] Less than $500.

Source: United States Shipping Board.

No. 456.—MARINE WRECKS AND CASUALTIES OCCURRING TO VESSELS OF THE UNITED STATES: By Regions

[Note.—It appears that prior to 1915 the figures include disasters to foreign vessels on and near the coasts of the United States, reports of which were received in isolated instances. Casualties to vessels of the United States in Panama Canal Zone were as follows: 1927, tonnage, 60,223; property involved, $4,972,833; property lost, $61,800; persons on board, 903; lives lost, 5. 1926, tonnage, 23,271; property involved, $3,815,221; property lost, $81,500; persons on board, 154. These and corresponding figures for previous years are not included in the recapitulation or elsewhere]

Year ended June 30—	Number of vessels	Wrecks involving total loss	Casualties involving partial and unknown damage	Vessels totally lost	Vessels damaged	Losses to vessels	Losses to cargoes	Passengers	Crews	Lives lost
TOTAL										
				Tons	*Tons*	*Dollars*	*Dollars*	*Number*	*Number*	
1910	1,493	365	1,128	135,305	2,000,997	11,058,840	2,565,580	15,464	22,640	403
1911	1,227	294	933	101,365	1,475,688	9,565,995	1,694,630	22,484	21,668	262
1912	1,447	328	1,119	113,920	1,546,391	8,213,375	1,941,010	15,972	24,310	195
1913	1,265	274	991	91,188	1,663,623	8,338,935	1,549,285	21,101	23,077	283
1914	1,210	293	917	173,069	1,518,930	11,437,330	2,509,405	14,533	22,199	421
1915	1,088	289	799	151,968	1,276,125	10,199,560	4,013,083	12,857	20,220	277
1916	1,140	317	823	135,233	1,714,434	12,671,040	3,668,995	14,080	20,653	1,364
1917	1,072	324	748	197,119	1,523,307	33,708,710	12,479,600	8,233	21,418	490
1918	976	380	596	248,520	1,090,956	57,728 110	22,557,940	6,911	16,207	398
1919	738	303	435	163,168	1,016,590	38,139,080	12,698,145	5,722	14,289	452
1920	1,074	285	789	214,531	2,088,534	54,955,480	17,612,455	14,499	26,100	551
1921	777	222	555	122,397	1,434,888	28,662,730	6,269,295	7,081	16,005	206
1922	907	277	630	131,027	1,762,412	18,727,614	3,975,714	8,989	19,065	227
1923	980	273	707	117,099	1,941,349	17,202,806	3,710,959	14,144	21,198	116
1924	945	237	708	96,474	1,917,058	14,201,211	3,802,792	8,861	20,255	202
1925	980	255	725	96,225	1,985,884	15,177,361	4,113,565	11,958	22,771	196
1926	982	254	728	93,539	2,015,068	15,596,857	4,324,475	12,331	21,970	236
1927	1,233	300	933	118,337	2,787,707	18,704,033	5,314,693	10,493	27,635	222
ATLANTIC, GULF, AND PACIFIC COASTS OF THE UNITED STATES										
1921	375	110	265	39,418	476,433	10,505,725	1,553,055	5,418	6,641	77
1922	515	171	344	78,552	732,679	9,200,909	1,500,663	4,289	9,355	148
1923	559	161	398	66,089	815,236	9,527,801	1,976,572	8,722	10,179	77
1924	564	143	421	56,133	982,448	7,010,156	1,662,101	4,259	11,020	94
1925	577	157	420	51,907	1,001,113	8,037,586	2,781,413	7,290	12,343	93
1926	584	163	421	59,143	1,017,968	10,364,020	2,055,263	8,244	12,236	145
1927	685	175	510	62,502	1,303,448	10,239,557	1,626,694	5,629	13,602	125
GREAT LAKES										
1921	144	16	128	13,296	525,821	1,694,280	134,025	574	3,798	44
1922	120	19	101	9,529	432,357	1,816,098	95,000	407	2,335	16
1923	154	33	121	17,125	512,081	2,855,072	379,492	3,300	3,733	9
1924	72	15	57	5,425	185,887	902,300	232,444	1,441	1,569	16
1925	67	15	52	11,065	126,822	2,200,255	117,990	1,734	1,496	39
1926	91	18	73	4,177	215,938	1,365,509	119,937	1,513	1,792	17
1927	129	20	109	17,328	409,264	2,823,077	197,216	927	3,286	5
RIVERS OF THE UNITED STATES										
1921	95	35	60	7,749	96,969	2,652,005	91,915	537	1,428	11
1922	114	47	67	5,621	135,670	1,190,650	98,820	1,082	1,524	6
1923	130	45	85	5,542	145,792	1,408,423	154,245	238	1,757	9
1924	147	51	96	8,601	163,907	1,584,210	62,861	1,251	1,993	13
1925	171	49	122	5,635	256,885	2,237,372	235,432	991	2,704	21
1926	157	49	108	3,581	259,822	1,542,037	33,325	1,422	2,873	8
1927	204	68	136	7,285	314,305	1,994,354	158,095	1,152	3,217	24
AT SEA AND ON THE COASTS OF FOREIGN COUNTRIES										
1921	163	61	102	61,934	335,665	13,810,720	4,490,300	552	4,138	74
1922	158	40	118	37,325	461,706	6,519,157	2,291,231	3,211	5,851	57
1923	137	34	103	28,343	468,240	3,411,510	1,200,650	1,884	5,529	21
1924	162	28	134	26,315	584,822	4,704,545	1,845,386	1,910	5,673	79
1925	165	34	131	27,618	601,064	2,702,148	978,730	1,943	6,228	43
1926	150	24	126	26,638	521,340	2,325,291	2,115,950	1,152	5,069	66
1927	215	37	178	31,222	760,690	3,647,045	3,332,688	2,785	7,530	68

Source: Reports of the United States Coast Guard, Treasury Department.

No. 457.—LIVES LOST BY ACCIDENT ON VESSELS SUBJECT TO UNITED STATES STEAMBOAT INSPECTION SERVICE: YEARS ENDED JUNE 30

Cause	1922	1923	1924	1925	1926	1927		
						Total	Passengers	Crew
Total	266	247	297	310	368	262	48	214
Stranding			4	1		1		1
Fire	8	7	8	31	8	6	1	5
Collision	5	20	9	3	4	8	1	7
Wreck			22		11	1		1
Explosion, escape of steam, etc	12	10	10	9	97	13		13
Foundered in storm	11	5	38	43	4	12		12
Sinking	52	14	19	8	52	22		22
Accidental drowning	87	94	107	100	89	104	16	88
Suicide	34	39	31	36	36	34	24	10
Miscellaneous	57	58	49	39	67	61	6	55

No. 458.—UNITED STATES COAST GUARD: YEARS ENDED JUNE 30

Item	1926	1927	Item	1926	1927
Lives saved or persons rescued from peril	3,037	3,313	Instances of lives saved and vessels assisted	2,240	2,791
Persons on board vessels assisted	15,398	14,496	Instances of miscellaneous assistance	2,591	2,717
Persons in distress cared for	490	899	Derelicts and other obstructions to navigation removed or destroyed	101	136
Vessels boarded and papers examined	53,080	68,223	Value of vessels assisted (including cargoes)	$23,017,509	$37,801,357
Vessels seized or reported for violations of law	1,887	1,788	Expended and obligated for maintenance	$20,215,576	$22,258,092
Fines and penalties incurred by vessels reported	$743,625	$375,069			

No. 459.—EXPENSES AND REVENUES OF THE PANAMA CANAL

Year ended June 30—	Transit operations					Business operations		
	Tolls	Taxes, licenses, fees, fines, postal receipts, etc.[1]	Total transit revenues[1]	Net canal transit expenses	Net revenues[1]	Business revenues	Business expenses	Net revenues[1]
	Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
1914	14,619		14,619	166,031	[2] *151,412*	690,298	695,721	[2] *5,422*
1915	4,343,384		4,343,384	4,123,128	220,256	2,135,075	2,191,476	[2] *56,401*
1916	2,399,830	158,712	2,558,542	6,999,750	[2] *4,441,208*	6,488,522	6,476,623	11,898
1917	5,631,782	176,617	5,808,399	6,788,048	[2] *979,649*	7,579,588	7,540,161	39,428
1918	6,264,766	147,078	6,411,843	5,920,343	491,500	10,324,072	10,317,912	6,160
1919	6,156,119	197,898	6,354,017	6,112,195	241,822	13,684,881	13,623,854	61,027
1920	8,493,083	442,789	8,935,872	6,548,272	2,387,599	14,705,372	14,465,686	239,686
1921	11,261,919	778,197	12,040,117	9,328,300	2,711,817	15,232,317	14,668,106	564,211
Total	44,565,501	1,901,291	46,466,792	45,986,067	480,725	70,840,125	69,979,538	860,587
Adjusted status to 1921	44,565,501	1,420,566	45,986,067	45,986,067		71,459,710	70,359,400	1,100,310
1922	11,193,383	192,209	11,385,592	7,919,018	3,466,575	7,747,228	7,423,968	323,259
1923	17,507,631	184,214	17,691,844	7,690,778	10,001,067	10,872,843	9,732,201	1,140,643
1924	24,289,603	392,251	24,681,854	8,373,905	16,307,949	12,968,777	12,067,153	901,624
1925	21,374,664	207,954	21,582,618	8,116,693	13,465,925	14,564,115	13,798,198	765,917
1926	22,927,456	217,680	23,145,137	7,993,468	15,151,668	15,874,478	15,033,168	841,310
1927	24,217,185	391,624	24,608,809	8,997,715	15,611,094	15,878,655	15,002,118	876,537
Grand total	166,075,424	3,096,497	169,081,921	95,077,645	74,004,276	149,365,806	143,416,206	5,949,599

[1] To and including 1921 "Net revenues from business operations" shown in last column are included in "Taxes, licenses, etc.," "Total transit revenues," and "Net revenues from transit operations"; therefore the $480,725 shown under the latter is the net revenue to June 30, 1921, from all operations. In the adjusted total this is transferred to "net revenues from business operations," to which is also added $619,585 interest on public works in Panama and Colon received prior to June 30, 1921, but not taken up as a canal revenue.
[2] Debit.

Sources: Table 457, Steamboat Inspection Service, Department of Commerce; Table 458, Annual Reports of the Secretary of the Treasury; Table 459, Report of the Governor of the Panama Canal.

No. 460.—COMMERCIAL TRAFFIC THROUGH THE PANAMA CANAL: By Nationality of Vessel

[Note.—See general note, p. 413. Net tonnage is according to Panama Canal measurement]

Nationality and year ended June 30	Number of vessels	Net tonnage (thousands)	Tolls (thousands of dollars)	Tons of cargo (thousands)
Total traffic:				
1915-1927, total	40,377	174,678	166,363	185,655
1915	1,075	3,793	4,368	4,888
1916	758	2,396	2,408	3,094
1917	1,803	5,799	5,627	7,059
1918	2,069	6,574	6,439	7,532
1919	2,024	6,125	6,173	6,917
1920	2,478	8,546	8,514	9,374
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
United States:				
1915-1927, total	18,245	85,945	80,984	93,773
1915	459	1,700	2,003	2,188
1916	213	653	724	849
1917	404	1,239	1,238	1,476
1918	567	1,704	1,714	2,098
1919	784	2,257	2,327	2,759
1920	1,129	3,791	3,806	4,547
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
British:				
1915-1927, total	11,887	51,356	49,866	51,642
1925	1,211	5,949	5,734	5,917
1926	1,423	7,040	6,570	6,751
1927	1,351	6,943	6,453	6,437
Norwegian:				
1915-1927, total	2,060	7,210	6,652	8,302
1925	192	673	619	843
1926	306	987	876	1,051
1927	265	908	809	1,052
Japanese:				
1915-1927, total	1,488	6,839	7,238	8,577
1925	172	824	853	947
1926	131	649	671	668
1927	165	818	863	1,037
Chilean:				
1915-1927, total	742	2,225	1,943	1,266
1925	29	129	122	96
Chilean—Contd.				
1926	26	122	114	83
1927	27	114	107	87
Danish:				
1915-1927, total	667	2,387	2,298	3,221
1925	42	160	153	202
1926	63	235	224	296
1927	46	198	188	262
Dutch:				
1915-1927, total	819	4,002	3,722	4,196
1925	102	531	485	619
1926	93	531	489	553
1927	105	575	542	572
Peruvian:				
1915-1927, total	812	2,076	1,602	1,301
1925	73	189	127	101
1926	64	149	112	95
1927	63	143	123	108
French:				
1915-1927, total	774	3,002	3,113	2,949
1925	105	490	491	482
1926	90	422	415	398
1927	116	536	518	530
Swedish:				
1915-1927, total	489	1,934	1,642	2,789
1925	49	226	186	282
1926	84	369	311	636
1927	106	395	330	652
Spanish:				
1917-1927, total	293	941	904	654
1925	43	160	148	72
1926	31	121	118	50
1927	30	111	108	48
Italian:				
1915-1927, total	373	1,554	1,623	1,181
1925	57	241	258	180
1926	90	380	405	322
1927	74	344	363	308
German:				
1920-1927, total	851	3,469	3,177	4,011
1925	163	723	661	881
1926	163	726	659	885
1927	212	780	708	974
Miscellaneous:				
1915-1927, total	877	1,738	1,598	1,792
1925	109	289	262	307
1926	201	478	429	539
1927	230	448	397	439

No. 461.—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. 413]

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
1915	1,075	5,417	3,793	4,888	2,071	2,817
1916	758	3,597	2,396	3,094	1,369	1,725
1917	1,803	8,531	5,799	7,059	2,929	4,129
1918	2,069	9,371	6,574	7,532	2,639	4,893
1919	2,024	7,877	6,125	6,917	2,740	4,176
1920	2,478	11,060	8,546	9,374	4,093	5,282
1921	2,892	14,522	11,416	11,599	5,892	5,707
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

[1] Panama Canal measurement.

Source of Tables 460 and 461: Report of the Governor of the Panama Canal.

No. 462.—COMMERCIAL TONNAGE THROUGH PANAMA CANAL: BY ORIGIN AND DESTINATION, YEARS ENDED DECEMBER 31

[Figures are cargo tons (2,240 pounds) expressed in thousands]

Origin and destination	Atlantic to Pacific			Origin and destination	Pacific to Atlantic		
	1925	1926	1927		1925	1926	1927
Grand total	7,560	8,420	8,406	**Grand total**	16,141	19,166	20,697
To W. coast United States	3,056	3,308	3,437	To E. coast United States	10,478	12,077	11,797
To W. coast other N. America	603	626	627	To E. coast other N. America	817	1,316	1,850
To W. coast S. America	1,219	1,193	1,165	To Europe	4,621	5,520	6,609
To Asia	1,325	1,804	1,742	To Africa and S. America	225	254	441
To Australasia	1,358	1,489	1,434	**From W. coast United States, total**	8,966	11,679	12,427
From E. coast United States, total	4,981	5,639	5,629	To E. coast United States	6,992	8,267	8,183
To W. coast United States	2,468	2,655	2,725	To E. coast other N. America	336	749	1,023
To W. coast other N. America	175	180	144	To Europe	1,550	2,560	2,966
To W. coast S. America	359	432	365	To Africa and S. America	88	103	255
To Asia	1,261	1,576	1,634	**From W. coast other N. America, total**	1,493	1,970	2,005
To Australasia	717	796	761	To E. coast N. America	573	813	719
From E. coast other N. America, total	518	700	585	To Europe	884	1,131	1,263
To W. coast N. America	206	208	231	To Africa and S. America	37	26	23
To W. coast S. America	128	81	91	**From W. coast S. America, total**	4,821	4,559	5,139
To Asia	51	215	87	To E. coast United States	2,700	2,773	2,534
To Australasia	133	196	176	To E. coast other N. America	345	367	562
From Europe, total	1,993	1,943	2,008	To Europe	1,675	1,295	1,880
To W. coast N. America	753	771	801	To Africa and S. America	100	124	164
To W. coast S. America	723	674	699	**From Asia and Australasia, total**	861	957	1,126
To Asia and Australasia	517	498	508	To E. coast N. America	348	424	626
From E. coast S. America and miscellaneous, total	68	138	183	To Europe	512	534	500

No. 463.—CARGO TONNAGE OF FOREIGN AND INTERCOASTAL COMMERCE

[All figures 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			Atlantic coast ports			Gulf coast ports		
	1924	1925	1926	1924	1925	1926	1924	1925	1926
Total commerce	[1] 108,053	[1] 105,553	[1] 127,196	56,138	57,194	74,696	23,558	21,984	22,435
Inbound	53,797	53,821	56,878	32,188	32,868	36,578	10,201	8,977	8,477
Outbound	64,242	60,299	80,367	23,950	24,326	38,118	13,357	13,007	13,958
With foreign countries	94,373	92,801	112,826	45,656	48,049	63,962	22,692	20,959	21,488
Imports	42,086	43,135	44,686	24,113	26,151	28,614	9,889	8,539	8,184
Exports	52,286	49,666	68,140	21,543	21,898	35,348	12,803	12,420	13,304
Intercoastal				9,389	7,845	9,490	598	722	559
Inbound	9,986	8,567	10,049	7,547	5,949	7,268	288	409	245
Outbound	9,986	8,567	10,049	1,842	1,896	2,222	310	313	314
With noncontiguous territories	3,694	4,185	4,321	1,093	1,300	1,244	268	303	388
Imports	1,724	2,119	2,143	528	768	696	24	29	48
Exports	1,969	2,066	2,178	565	532	548	244	274	340
	Pacific coast ports			Great Lakes ports			Ports in noncontiguous territory [2]		
Total commerce	25,413	22,107	26,900	12,930	12,835	13,214	6,578	7,283	7,562
Imports	7,058	6,133	6,647	4,350	5,843	5,176	3,849	4,277	4,241
Exports	18,354	15,974	20,253	8,581	6,992	8,038	2,730	5,569	3,321
With foreign countries	13,094	10,958	14,162	12,930	12,835	13,214	1,772	1,877	2,043
Imports	3,734	2,602	2,712	4,350	5,843	5,176	1,394	1,446	1,562
Exports	9,360	8,356	11,450	8,581	6,992	8,038	378	431	481
Intercoastal	9,986	8,567	10,049						
Inbound	2,152	2,209	2,536						
Outbound	7,834	6,358	7,513						
With noncontiguous territories	2,332	2,582	2,689				[3] 4,806	[3] 5,406	[3] 5,519
Imports	1,172	1,322	1,399				[3] 2,454	[3] 2,831	[3] 2,679
Exports	1,161	1,260	1,290				[3] 2,352	[3] 2,575	[3] 2,840

[1] Duplication in intercoastal trade is eliminated.
[2] Including Philippine Islands.
[3] With continental United States.

Sources: Table 462, Panama Canal Record; Table 463, United States Shipping Board.

No. 464.—CARGO TONNAGE OF WATER-BORNE IMPORTS AND EXPORTS

[NOTE.—In thousands of cargo tons (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. Shipping Board	Independent American	British	Other	Total	U. S. Shipping Board	Independent American	British	Other
Total:										
1921	33,057	4,835	18,635	(1)	9,587	48,431	7,254	11,150	(1)	30,027
1922	44,682	5,269	22,665	8,600	8,148	42,502	6,644	10,205	14,109	11,544
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	18,836	15,564
1926	44,686	2,888	18,217	10,702	12,879	68,140	5,591	11,531	28,269	22,749
Per cent distribution:										
1921	100.0	15	56	(1)	29	100.0	15	23	(1)	62
1926	100.0	6	41	24	29	100.0	8	17	42	33
Dry cargoes:										
1921	15,695	2,173	6,192	(1)	7,330	42,451	6,529	9,483	(1)	26,439
1922	25,526	3,162	8,106	7,259	6,999	36,062	6,386	8,144	11,276	10,256
1923	27,962	2,724	8,253	7,531	9,454	39,592	6,713	7,104	13,985	11,790
1924	26,242	2,267	8,462	6,914	8,599	41,204	6,460	8,290	14,146	12,308
1925	30,352	2,077	9,691	8,065	10,519	39,241	5,467	6,574	14,348	12,852
1926	32,085	2,323	9,132	9,386	11,244	55,851	5,486	7,838	23,222	19,305
Tanker cargoes:										
1921	17,362	2,662	12,443	(1)	2,257	5,980	725	1,667	(1)	3,588
1922	19,156	2,107	14,559	1,341	1,149	6,440	258	2,061	2,833	1,288
1923	15,334	307	11,500	1,687	1,840	9,488	190	2,182	4,839	2,277
1924	14,657	396	11,168	1,492	1,601	11,057	203	3,363	4,721	2,770
1925	12,783	208	9,239	1,521	1,815	10,425	157	3,518	4,038	2,712
1926	12,601	565	9,085	1,316	1,635	12,289	105	3,693	5,047	3,444
North Atlantic ports:										
1923	24,270	1,891	7,886	6,249	8,244	20,715	2,909	2,094	7,942	7,770
1924	22,351	1,682	7,885	5,596	7,188	20,696	2,873	2,516	7,855	7,452
1925	24,069	1,501	7,756	6,224	8,588	20,817	2,504	2,595	7,891	7,827
1926	26,449	1,895	8,781	6,720	9,053	33,994	2,164	3,352	15,330	13,148
South Atlantic ports:										
1923	1,561	167	557	169	668	927	207	192	128	400
1924	1,726	97	571	535	523	822	202	152	162	306
1925	2,082	96	821	339	826	1,081	94	314	293	380
1926	2,165	121	1,003	349	692	1,354	220	69	486	579
Gulf ports:										
1923	10,028	485	6,876	1,029	1,638	10,599	2,553	1,751	3,068	3,227
1924	9,889	400	6,987	812	1,690	12,805	2,607	2,321	3,823	4,054
1925	8,539	312	5,051	1,071	2,105	12,420	2,093	2,264	3,334	4,729
1926	8,184	552	4,304	1,062	2,266	13,304	2,445	2,043	3,650	5,166
Pacific ports:										
1923	2,524	488	548	773	715	8,472	1,234	1,466	3,150	2,622
1924	2,585	484	551	765	785	9,360	981	2,233	2,898	3,248
1925	2,602	376	558	889	779	8,356	933	2,144	2,744	2,535
1926	2,712	320	681	877	834	11,450	762	2,912	4,021	3,755
Great Lakes ports:										
1923	4,913	--------	3,886	998	29	8,367	--------	3,783	4,536	48
1924	4,348	--------	3,636	698	14	8,578	--------	4,431	4,129	18
1925	5,843	--------	4,744	1,063	36	6,992	--------	2,775	4,124	93
1926	5,176	--------	3,448	1,694	34	8,038	--------	3,155	4,782	101

Month	Imports					Exports				
	1922	1923	1924	1925	1926	1922	1923	1924	1925	1926
Total	44,682	43,296	40,899	43,135	44,686	42,502	49,080	52,261	49,666	68,140
January	2,817	3,563	2,715	3,139	3,065	2,904	3,377	3,816	3,426	3,605
February	3,017	3,171	3,247	3,311	3,311	2,781	2,869	3,469	3,304	3,218
March	3,255	4,006	3,515	3,768	4,379	3,262	3,460	3,449	3,618	3,573
April	3,099	3,435	3,534	3,529	3,460	3,358	3,773	3,948	4,054	3,740
May	3,928	3,723	4,309	3,536	3,655	3,298	5,045	4,635	4,434	4,681
June	3,626	3,490	3,521	3,709	4,195	3,344	4,859	4,340	4,273	5,401
July	3,804	3,564	3,447	3,511	3,684	3,117	4,668	4,162	4,548	6,751
August	3,966	3,337	3,042	3,175	3,757	3,676	4,821	4,419	4,607	7,110
September	4,365	3,077	3,127	3,343	3,535	4,211	3,963	5,471	4,367	7,286
October	4,422	3,856	3,275	3,851	3,835	4,374	4,392	5,851	4,783	7,685
November	4,322	3,842	3,586	4,023	4,312	4,573	3,983	4,629	4,220	7,733
December	4,061	4,232	3,581	4,240	3,498	3,604	3,870	4,072	4,032	7,357

[1] British not segregated in 1921; included in "Other."

Source: Bureau of Research, United States Shipping Board.

No. 465.—CARGO TONNAGE OF WATER-BORNE IMPORTS AND EXPORTS: By Regions of Origin and Destination and Method of Carriage

[In thousands of cargo tons of 2,240 pounds]

Foreign trade region	1923	1924	1925	1926—In vessels of—				
				Total	U. S. Shipping Board	Independent American	British	Others
Imports, total	**43,296**	**40,899**	**43,135**	**44,686**	**2,888**	**18,217**	**10,702**	**12,879**
United Kingdom	2,611	1,644	1,923	1,946	169	89	1,282	406
North Atlantic and Baltic Europe	1,585	1,183	1,108	1,014	116	7	2	889
Havre-Hamburg range	2,663	2,763	3,366	4,498	1,008	167	768	2,555
South Atlantic Europe	482	443	487	564	34	5	184	341
West Mediterranean	1,196	893	1,143	1,192	30	134	216	812
East Mediterranean and Black Sea	291	318	412	420	1	77	189	153
West Indies	5,549	5,396	6,702	8,042	67	3,481	1,994	2,500
Mexico	14,151	13,242	10,510	8,375	376	6,345	485	1,169
Central America	1,065	1,103	1,231	1,177	--------	440	263	474
North Coast South America	368	486	719	1,703	103	1,193	39	368
East Coast South America	1,613	1,416	1,287	1,682	337	268	564	513
West Coast South America	2,031	2,689	2,744	2,901	--------	1,607	440	854
West Africa	198	197	235	260	93	4	156	7
South and East Africa	128	210	209	250	26	22	198	4
Australasia	169	94	103	108	10	8	69	21
East Indies	442	405	511	550	36	110	280	124
Orient	1,121	1,182	1,344	1,249	388	227	187	447
India, Persian Gulf, and Red Sea	666	750	816	777	94	136	520	27
Pacific Canada	1,054	1,197	1,296	1,350	--------	330	827	193
Atlantic Canada and Newfoundland	5,913	5,289	6,996	6,628	--------	3,567	2,039	1,022
Exports, total	**49,080**	**52,261**	**49,666**	**68,140**	**5,591**	**11,531**	**28,269**	**22,749**
United Kingdom	7,302	8,229	7,459	19,505	1,345	692	12,236	5,232
North Atlantic and Baltic Europe	1,706	1,653	1,872	1,703	146	106	121	1,330
Havre-Hamburg range	8,022	8,442	8,023	8,525	2,212	367	1,404	4,542
South Atlantic Europe	1,565	1,255	1,274	2,055	131	166	775	983
West Mediterranean	3,749	4,225	3,650	4,434	199	325	569	3,341
East Mediterranean and Black Sea	690	625	654	829	17	148	362	302
West Indies	3,148	3,252	3,383	3,142	8	1,307	739	1,088
Mexico	1,253	1,037	759	593	--------	280	24	289
Central America	1,223	1,105	1,453	1,755	18	1,429	138	170
North Coast South America	193	252	361	539	3	257	44	235
East Coast South America	2,291	3,030	2,939	4,945	383	462	2,868	1,232
West Coast South America	853	1,255	1,200	1,306	7	509	449	341
West Africa	140	197	280	474	85	58	149	182
South and East Africa	257	300	406	340	2	7	287	44
Australasia	966	1,283	1460	1,740	114	118	984	524
East Indies	277	229	289	406	17	99	152	138
Orient	5,082	5,140	4,316	5,407	864	980	1,241	2,322
India, Persian Gulf, and Red Sea	362	425	403	453	40	226	180	7
Pacific Canada	677	712	719	854	--------	522	323	9
Atlantic Canada and Newfoundland	9,326	9,616	8,764	9,135	--------	3,473	5,224	438

Foreign trade region	Ocean-borne imports, 1926				Ocean-borne exports, 1926			
	North Atlantic	South Atlantic	Gulf	Pacific	North Atlantic	South Atlantic	Gulf	Pacific
Total	**26,449**	**2,165**	**8,184**	**2,712**	**33,994**	**1,354**	**13,304**	**11,456**
United Kingdom	1,695	35	145	69	14,032	386	3,279	1,808
North Atlantic and Baltic Europe	890	29	47	38	956	58	615	74
Havre-Hamburg range	2,957	478	626	434	4,387	362	3,259	516
South Atlantic Europe	526	22	11	5	1,088	13	891	63
West Mediterranean	1,101	19	56	16	2,833	52	1,426	123
East Mediterranean and Black Sea	416	2	2	--------	764	--------	62	3
West Indies	4,889	223	2,905	25	1,855	178	1,047	62
Mexico	4,768	727	2,778	102	183	6	228	176
Central America	455	5	646	71	639	--------	03	713
North Coast South America	1,321	90	285	7	427	8	94	10
East Coast South America	1,336	25	212	109	3,453	169	732	591
West Coast South America	2,073	453	208	167	342	--------	36	928
West Africa	242	--------	18	--------	405	--------	69	--------
South and East Africa	245	2	3	--------	222	--------	91	27
Australasia	73	--------	--------	35	530	25	199	986
East Indies	494	--------	4	52	237	8	4	157
Orient	477	--------	64	708	847	88	528	3,944
India, Persian Gulf, and Red Sea	653	8	116	--------	252	--------	150	51
Pacific Canada	421	19	36	874	18	--------	14	822
Atlantic Canada and Newfoundland	1,417	28	22	--------	524	1	177	396

Source: Bureau of Research, United States Shipping Board.

No. 466.—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		
	1924	1925	1926	1924	1925	1926
Grand total	40, 899, 123	43, 135, 154	44, 686, 235	52, 261, 295	49, 666, 499	68, 139, 521
United Kingdom	1, 643, 897	1, 923, 449	1, 946, 356	8, 228, 660	7, 459, 266	19, 505, 183
England	1, 427, 299	1, 456, 538	1, 325, 181	6, 999, 245	6, 548, 553	15, 584, 452
Ireland	8, 642	8, 506	5, 902	430, 048	268, 378	971, 829
Scotland	115, 196	146, 511	167, 628	724, 935	600, 653	1, 862, 245
Wales	92, 760	311, 894	447, 645	74, 432	41, 682	1, 086, 657
North Atlantic and Baltic Europe	1, 183, 228	1, 108, 060	1, 014, 477	1, 653, 414	1, 872, 202	1, 702, 767
Greenland	6, 350	9, 580	7, 380		24	52
Russia		2, 024	3, 861	53, 661	260, 426	72, 318
Finland	93, 201	95, 228	103, 718	77, 977	86, 311	162, 642
Norway	329, 148	294, 796	258, 296	349, 449	337, 420	374, 051
Sweden	657, 821	609, 316	520, 994	395, 143	294, 451	338, 804
Denmark	43, 329	38, 358	72, 438	636, 680	750, 156	702, 677
Danzig	14, 363	27, 937	20, 547	66, 717	51, 394	22, 528
Germany	38, 121	30, 186	26, 748	52, 497	60, 319	18, 475
Estonia	3	350	494	45	76	481
Latvia	892	285	1	21, 245	31, 625	10, 756
Havre-Hamburg range	2, 763, 158	3, 365, 751	4, 497, 667	8, 442, 378	8, 023, 162	8, 525, 201
Germany	1, 032, 455	1, 171, 410	1, 305, 395	3, 244, 563	3, 237, 762	3, 169, 952
Holland	439, 313	690, 274	1, 168, 762	2, 363, 812	2, 099, 381	2, 405, 410
Belgium	955, 504	1, 205, 612	1, 688, 457	1, 603, 943	1, 655, 619	1, 506, 722
France	335, 886	298, 455	335, 053	1, 230, 060	1, 030, 400	1, 443, 117
South Atlantic Europe	443, 194	486, 880	564, 297	1, 254, 661	1, 274, 491	2, 054, 653
France	50, 950	51, 117	52, 398	945, 605	945, 061	1, 200, 623
Portugal	45, 865	58, 238	71, 079	76, 759	91, 567	327, 766
Spain	345, 863	377, 114	440, 350	195, 085	199, 442	216, 594
Azores Islands	222	348	370	13, 102	14, 748	20, 658
Canary Islands	282	51	98	23, 773	20, 598	274, 916
Madeira	12	12	2	337	3, 075	14, 096
West Mediterranean	892, 668	1, 142, 727	1, 192, 536	4, 225, 321	3, 650, 376	4, 434, 093
Spain	172, 730	268, 793	230, 049	318, 997	349, 729	439, 798
France	70, 076	82, 195	84, 438	731, 896	603, 453	651, 633
Italy	401, 074	518, 097	495, 863	2, 974, 572	2, 511, 978	2, 957, 433
Yugoslavia	14, 038	67, 027	56, 119	227	365	5, 864
Malta	215	55	31	24, 368	18, 636	53, 824
Tunis	94, 706	57, 473	35, 883	40, 505	31, 459	35, 018
Algeria	138, 786	148, 937	278, 254	117, 698	125, 039	266, 567
Morocco	1, 043	150	11, 899	17, 058	9, 708	23, 948
East Mediterranean and Black Sea	317, 743	412, 025	419, 551	624, 798	654, 046	828, 782
Bulgaria	1, 938	772	859	1, 210	1, 065	2, 121
Rumania	187	1, 007	20, 940	3, 067	5, 432	13, 488
Russia			242, 641	13, 226	125, 421	31, 183
Ukraine				768	8, 239	
Georgia	181, 894	213, 424		6, 403	30, 304	
Turkey	33, 466	51, 697	34, 414	65, 129	52, 800	47, 954
Armenia						
Greece	50, 951	70, 505	45, 669	285, 675	242, 396	286, 284
Egypt	44, 646	57, 559	68, 269	218, 765	143, 380	410, 202
Palestine	347	246	177	2, 349	4, 835	20, 188
Syria	1, 789	8, 627	2, 268	26, 782	37, 943	16, 927
West Indies	5, 395, 781	6, 702, 426	8, 041, 752	3, 251, 959	3, 382, 887	3, 141, 632
Cuba	4, 588, 844	5, 572, 928	5, 948, 097	2, 446, 216	2, 547, 346	2, 142, 739
Jamaica	233, 907	303, 502	300, 133	124, 821	128, 309	193, 204
Bahama Islands	32, 752	38, 372	29, 114	24, 628	32, 216	40, 722
Haiti	24, 213	32, 190	25, 243	87, 725	92, 902	102, 933
Dominican Republic	121, 881	60, 432	125, 859	127, 420	116, 736	131, 902
Lesser Antilles	389, 421	690, 910	1, 607, 020	399, 647	426, 434	491, 257
Bermudas	4, 763	4, 092	6, 286	41, 502	38, 944	38, 875
Mexico	13, 241, 612	10, 510, 237	8, 375, 489	1, 036, 785	758, 573	592, 733
Central America	1, 102, 959	1, 230, 795	1, 176, 976	1, 104, 901	1, 452, 845	1, 755, 257
British Honduras	74, 310	76, 839	89, 697	11, 397	12, 834	14, 357
Guatemala	176, 576	183, 108	179, 030	65, 077	59, 584	81, 081
Honduras	348, 962	425, 612	375, 347	74, 082	114, 099	87, 515
Nicaragua	158, 285	189, 881	147, 794	31, 820	38, 198	59, 112
Costa Rica	122, 027	148, 001	157, 427	40, 201	38, 837	41, 949
Panama	76, 461	64, 823	45, 174	4, 005	7, 758	4, 369
Canal Zone	132, 463	134, 714	156, 019	846, 028	1, 125, 591	1, 401, 632
Salvador	13, 875	7, 817	26, 488	32, 291	55, 944	65, 242

No. 466.—Cargo Tonnage of Water-Borne Imports and Exports: By Trade Regions and Individual Countries—Continued

Foreign origin or destination	Imports			Exports		
	1924	1925	1926	1924	1925	1926
North Coast South America	486, 249	719, 277	1, 703, 129	252, 008	360, 912	538, 725
Venezuela	116, 859	287, 613	857, 091	106, 340	145, 300	293, 456
British Guiana	153, 200	175, 213	180, 898	24, 863	27, 924	34, 147
Dutch Guiana	53, 648	94, 326	48, 145	11, 970	17, 550	22, 901
French Guiana	87	41	13	2, 298	2, 691	2, 089
Colombia	162, 455	162, 084	616, 982	106, 537	167, 447	186, 132
East Coast South America	1, 416, 101	1, 287, 420	1, 681, 748	3, 029, 747	2, 938, 921	4, 945, 361
Brazil	648, 252	715, 477	821, 698	1, 287, 389	1, 177, 286	2, 107, 281
Uruguay	21, 025	33, 943	56, 716	236, 076	313, 434	473, 335
Paraguay	19, 415	----------	----------	----------	49	20
Argentina	712, 431	520, 621	789, 041	1, 506, 081	1, 448, 152	2, 354, 133
South Atlantic Islands	14, 978	17, 379	14, 293	201	----------	10, 592
West Coast South America	2, 689, 398	2, 744, 069	2, 900, 993	1, 254, 786	1, 200, 118	1, 305, 938
Colombia	22, 936	24, 267	31, 732	22, 778	34, 284	56, 439
Chile	2, 233, 993	2, 456, 052	2, 366, 623	956, 024	912, 298	925, 122
Peru	418, 720	248, 872	489, 269	253, 396	229, 892	298, 471
Ecuador	13, 744	14, 878	13, 369	22, 568	23, 644	25, 906
West Africa	196, 630	234, 896	259, 795	197, 315	279, 860	473, 916
Morocco	2, 171	3, 778	3, 866	16, 846	32, 694	37, 427
Cape Verde Islands	181	2	1	3, 225	2, 477	120, 309
Senegal	----------	556	3, 734	63, 474	112, 722	154, 936
Gambia	----------	----------	----------	1, 525	1, 366	1, 045
Sierra Leone	959	790	971	7, 095	8, 071	8, 153
Liberia	2, 307	149	178	2, 871	1, 202	1, 869
Ivory Coast	32, 465	27, 608	34, 824	3, 178	4, 675	5, 750
Gold Coast	122, 828	154, 370	168, 521	35, 890	40, 402	46, 585
Dahomey	896	2, 139	900	4, 807	6, 023	6, 595
Nigeria	25, 483	33, 228	30, 779	35, 945	40, 629	41, 795
Cameroon	2	2	723	1, 785	3, 057	4, 858
Belgian Congo	8, 103	11, 010	12, 660	5, 108	8, 715	25, 756
Angola	1	13	18	2, 707	2, 992	6, 216
South and East Africa	209, 576	200, 805	249, 861	300, 130	406, 450	339, 519
Union of South Africa	46, 285	42, 986	77, 373	224, 412	303, 118	234, 679
Mozambique	158, 279	149, 690	158, 836	61, 248	79, 040	63, 851
British East Africa	481	[1] 221	[1] 2, 490	5, 212	[1] 12, 085	[1] 14, 765
Madagascar	4, 526	1, 634	4, 140	2, 035	4, 064	3, 442
Mauritius Island	----------	----------	----------	5, 768	3, 359	5, 705
Australasia	93, 843	102, 997	108, 139	1, 282, 898	1, 460, 341	1, 740, 354
New Zealand	20, 579	28, 909	32, 714	302, 518	370, 864	437, 031
Australia	46, 094	47, 256	41, 482	948, 051	1, 057, 020	1, 263, 137
Fiji Islands	1, 915	2, 040	4, 617	5, 249	4, 086	7, 843
Friendly Islands	320	731	399	479	319	1, 016
New Caledonia	8, 556	5, 066	8, 872	2, 799	3, 886	5, 058
Society Islands	13, 056	11, 434	12, 111	12, 443	11, 475	9, 830
Cook Islands	1, 036	1, 963	918	301	319	610
Gilbert Islands	1, 240	----------	700	1, 538	----------	----------
Tasmania	1, 047	586	628	9, 520	10, 626	13, 002
New Guinea	----------	5, 012	5, 698	----------	1, 746	2, 827
East Indies	405, 454	511, 437	549, 605	228, 950	289, 455	406, 417
Straits Settlements	251, 023	317, 554	369, 456	63, 149	71, 557	96, 213
French Indo-China	1, 003	743	179	22, 673	33, 473	45, 279
Sumatra	44, 073	52, 681	53, 717	11, 168	30, 236	42, 653
Java	95, 832	118, 242	103, 194	111, 836	133, 138	158, 437
Borneo	2, 585	7, 598	3, 373	11, 846	8, 277	43, 219
Celebes	7, 935	9, 939	13, 091	957	2, 298	4, 657
Orient	1, 182, 056	1, 343, 720	1, 249, 425	5, 140, 435	4, 316, 487	5, 407, 362
China	334, 176	317, 948	289, 415	1, 645, 380	1, 348, 198	1, 459, 888
Russia	----------	1, 548	2, 075	2, 628	307	1, 018
Japan	220, 225	259, 532	261, 104	3, 007, 522	2, 512, 348	3, 445, 576
Philippine Islands	627, 655	764, 692	696, 831	484, 905	455, 634	500, 880
India, Persian Gulf, and Red Sea	750, 163	816, 367	776, 656	424, 687	403, 209	452, 986
Irak	36, 949	34, 400	26, 792	----------	1	22
Arabia	4, 159	5, 304	4, 557	12, 272	11, 867	5, 251
Persia	900	1, 007	----------	9, 250	----------	----------
India	639, 467	713, 247	666, 210	376, 730	364, 571	416, 256
Ceylon	61, 497	62, 317	72, 385	23, 927	26, 362	30, 395
Canada	8, 485, 418	8, 291, 766	7, 977, 783	10, 327, 482	9, 482, 679	9, 988, 642
Pacific	1, 196, 796	1, 295, 671	1, 349, 540	711, 533	718, 679	853, 558
Atlantic and Newfoundland	942, 825	1, 162, 505	1, 452, 699	1, 039, 361	1, 774, 227	1, 097, 764
Great Lakes	4, 345, 797	5, 833, 590	5, 175, 544	8, 576, 588	6, 989, 992	8, 037, 320

[1] Kenya and Tanganyika Territory only.

Source: Bureau of Research, United States Shipping Board.

No. 467.—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		
	1924	1925	1926	1924	1925	1926
Atlantic ports, total	24, 113, 904	26, 103, 390	27, 661, 054	21, 542, 111	21, 963, 321	34, 875, 556
Maine, total	471, 408	548, 220	688, 785	314, 735	241, 669	243, 937
Portland	433, 113	511, 962	644, 707	314, 735	240, 061	243, 882
New Hampshire: Portsmouth			22, 044			
Massachusetts, total	2, 737, 826	2, 563, 514	2, 684, 349	404, 539	349, 201	326, 837
Boston	2, 009, 350	2, 171, 615	2, 514, 897	334, 300	325, 272	298, 105
Fall River	704, 853	353, 323	105, 172	69, 750	23, 364	21, 850
Rhode Island, total	604, 350	695, 292	459, 447	1, 944	559	512
Providence	555, 094	663, 721	458, 947	1, 812	559	512
Connecticut	42, 080	45, 785	79, 881	7, 849	2, 227	3
New York, total	9, 968, 229	11, 018, 258	11, 591, 068	11, 891, 318	11, 687, 151	10, 551, 239
New York	9, 962, 840	11, 013, 944	11, 577, 813	11, 890, 468	11, 687, 151	10, 549, 687
New Jersey, total	1, 145, 015	956, 513	1, 539, 468	139, 765	92, 028	402, 892
Bayonne, N. J	21, 323	902	555, 291	18, 446	9, 000	310, 138
Newark	158, 948	134, 747	152, 911	4, 108	1, 628	1, 760
Perth Amboy	884, 339	742, 016	686, 111	80, 904	59, 376	44, 776
Carteret	67, 536	70, 735	137, 446	2, 635	2, 463	10, 478
Delaware, total	195, 719	234, 470	215, 678	183	552	569
Claymont	103, 716	165, 744	157, 038			
Wilmington	92, 003	68, 726	58, 640	183	552	569
Pennsylvania, total	3, 154, 815	3, 355, 605	3, 162, 885	2, 453, 722	2, 494, 249	3, 439, 076
Chester	37, 253	120, 231	219, 309	9, 846	6, 221	8, 004
Marcus Hook	10, 345			144, 485	130, 548	95, 258
Philadelphia	3, 107, 217	3, 235, 374	2, 943, 576	2, 299, 391	2, 357, 480	3, 335, 814
Maryland: Baltimore	3, 563, 684	3, 938, 947	4, 472, 784	1, 857, 511	1, 753, 722	7, 089, 674
District of Columbia			900			
Virginia, total	502, 248	665, 583	617, 706	3, 642, 215	4, 260, 385	11, 470, 802
Newport News	130, 836	201, 622	123, 383	1, 178, 694	1, 824, 894	4, 426, 546
Norfolk	371, 412	463, 961	494, 323	2, 463, 521	2, 435, 491	7, 043, 516
North Carolina: Wilmington	198, 298	203, 720	196, 285	26, 758	19, 917	22, 699
South Carolina, total	596, 459	653, 651	742, 773	193, 394	386, 760	681, 851
Charleston	594, 289	653, 651	742, 773	191, 893	386, 202	681, 851
Georgia, total	493, 020	593, 435	562, 963	341, 061	385, 448	438, 214
Brunswick	58, 952	52, 552	51, 619	36, 696	41, 454	51, 207
Savannah	434, 068	540, 883	511, 344	304, 365	343, 994	387, 007
Florida, east coast, total	439, 853	630, 397	624, 038	267, 117	289, 453	207, 251
Fernandina	120			86, 310	147, 989	110, 326
Jacksonville	381, 504	436, 930	509, 175	175, 835	133, 065	86, 334
Miami	58, 229	193, 127	114, 863	4, 972	8, 358	954
Gulf ports, total	9, 891, 015	8, 584, 397	8, 167, 152	12, 801, 410	12, 412, 272	13, 450, 118
Florida, west coast, total	530, 967	800, 024	959, 912	1, 327, 967	1, 312, 100	1, 115, 702
Boca Grande		1, 000	1, 808	162, 751	131, 234	102, 014
Key West	189, 882	337, 302	445, 256	277, 841	286, 567	252, 048
Pensacola	37, 900	90, 295	95, 440	285, 283	249, 677	229, 377
Tampa	303, 153	371, 425	415, 608	508, 509	578, 317	492, 492
Alabama: Mobile	296, 201	341, 681	433, 704	715, 300	766, 754	572, 450
Mississippi, total	26, 527	42, 910	48, 522	266, 217	342, 101	285, 044
Gulfport	26, 527	42, 910	48, 522	249, 900	328, 260	272, 023
Louisiana, total	5, 042, 238	5, 136, 346	5, 064, 140	4, 504, 726	4, 955, 349	4, 859, 341
Baton Rouge	540, 276	298, 963	168, 465	749, 977	999, 468	963, 337
New Orleans	4, 476, 957	4, 830, 037	4, 877, 059	3, 687, 477	3, 799, 464	3, 785, 112
Avondale				7, 221	67, 110	31, 603
Saint Rose				43, 298	65, 509	29, 058
Texas, total	3, 995, 082	2, 263, 436	1, 660, 874	5, 987, 200	5, 035, 968	6, 617, 581
Beaumont	529	188	2, 084	727, 600	732, 204	945, 992
Freeport	195, 959	288, 223	217, 182	88, 731	131, 314	132, 482
Galveston	1, 569, 412	775, 209	723, 398	1, 652, 090	1, 080, 074	1, 936, 277

No. 467.—Cargo Tonnage of Water-Borne Imports and Exports: By States and Individual Ports—Continued

State and port	Imports			Exports		
	1924	1925	1926	1924	1925	1926
Gulf ports—Continued						
Texas—Continued.						
Houston	722,185	433,538	364,534	1,357,260	1,467,922	2,183,698
Orange	10,503	6,927	4,718	69,469	77,112	59,437
Port Arthur	1,076,632	496,335	219,889	1,233,631	932,730	1,058,691
Sabine				335,363	377,931	91,092
Texas City	405,362	263,016	129,069	496,034	222,375	198,608
Pacific ports, total	3,734,248	2,542,168	2,693,134	9,359,587	8,325,560	11,384,564
California, total	2,621,473	1,383,664	1,481,968	5,607,819	5,395,705	6,759,865
Eureka	2,046	2,200		41,525	46,674	52,056
Los Angeles	1,009,169	393,258	451,832	3,206,821	3,231,141	4,435,046
San Diego	66,511	23,994	13,877	13,584	8,636	6,530
Selby	59,348	10,208	21,410			
San Francisco [1]	931,920	958,012	1,015,927	1,871,921	1,860,265	2,097,250
Port San Luis			332	473,886	240,030	358,029
Oregon, total	115,788	133,058	126,247	1,604,835	1,047,796	1,909,297
Westport				25,134	59,439	52,544
Astoria	17,842	24,011	8,693	145,836	69,443	120,814
Coos Bay [2]			2,169	110,004	82,214	98,349
Portland	95,746	105,759	112,585	1,284,556	764,444	1,527,470
Washington, total	996,987	1,025,466	1,084,919	2,146,933	1,882,059	2,515,402
Anacortes	124,292	110,304	88,496	22,986	50,427	51,421
Bellingham	72,260	78,647	65,585	64,398	62,198	52,907
Everett	1,516	8,738	9,723	138,807	164,523	144,868
Grays Harbor [3]	550	1,072	2,586	492,137	466,474	689,072
Longview			203	5,861	31,597	82,167
Olympia			80		6,963	64,301
Port Angeles	58,577	44,753	142,618	12,157	14,543	19,471
Seattle	389,055	428,469	403,347	754,803	545,737	786,012
Tacoma	333,818	335,741	359,470	590,732	454,880	528,092
Great Lakes ports, total	4,349,721	5,829,603	5,171,672	8,580,735	6,990,775	8,023,418
New York, total	3,417,466	4,672,945	3,993,220	1,676,929	1,759,806	1,691,207
Buffalo	2,944,470	4,094,993	3,516,543	853,571	997,266	742,755
Fair Haven				41,422	36,981	54,264
Ogdensburg	180,881	200,514	172,071	32,330	26,951	2,194
Oswego	11,666	5,654	2,723	178,702	111,642	93,184
Rochester	160,901	160,721	99,969	461,227	385,224	591,480
Sodus Point				108,385	200,219	202,029
Tonawanda	51,314	73,744	58,750			
Waddington	66,790	135,200	137,000			
Pennsylvania: Erie	129,500	144,395	208,368	431,489	73,587	113,660
Ohio, total	487,022	638,736	458,774	3,981,176	3,610,797	4,225,154
Ashtabula				544,113	356,605	466,391
Cleveland	268,412	277,214	131,001	1,077,439	149,192	187,226
Conneaut	3,500	300		156,772	91,145	117,031
Fairport		123,186	180,634	188,823	581,945	387,340
Lorain	8,800	13,150	6,000	420,862	174,874	233,836
Sandusky	141,729	188,668	115,090	491,416	974,465	1,111,954
Toledo	64,581	36,218	26,048	1,101,751	1,282,571	1,721,376
Indiana	1,394	2,400		6,694	9,082	15,550
Illinois: Chicago	51,354	62,601	79,891	491,519	199,125	321,227
Michigan, total	69,139	77,575	253,525	428,781	345,673	528,303
Calcite				71,962	31,339	10,025
Detroit		4,250	146,414	1,475	1,685	13,116
Escanaba	2,595	2,156	1,360	76,018	173,225	292,406
Marquette	2			238,575	137,200	158,299
Wisconsin, total	134,654	183,378	132,126	866,482	654,913	820,180
Ashland	94,829	119,077	98,349	100,743	134,516	124,287
Milwaukee	10,091	16,512	15,172	91,601	73,687	29,443
Superior	29,734	21,694	6,874	669,262	445,510	664,307
Minnesota, total	59,192	47,573	45,768	697,665	337,792	308,137
Duluth	59,192	47,573	45,768	697,635	326,862	308,137

[1] San Francisco, Calif., includes Martinez, Oakland, Oleum, Port Costa, and Richmond.
[2] Coos Bay, Oreg., includes Marshfield and North Bend.
[3] Grays Harbor, Wash., includes Aberdeen and Hoquiam.

Source: Bureau of Research, United States Shipping Board.

No. 468.—CARGO TONNAGE OF WATER-BORNE IMPORTS AND EXPORTS: BY MAJOR COMMODITIES AND BY COASTAL DISTRICTS

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

Commodity	1923	1924	1925	1926					
				Total	North Atlantic	South Atlantic	Gulf	Pacific	Great Lakes
Imports, total	**43,296**	**40,899**	**43,135**	**44,686**	**26,449**	**2,165**	**8,184**	**2,712**	**5,176**
Wheat	3,301	2,359	3,407	3,150	1	-------	-------	-------	3,149
Other grains	355	705	699	605	46	1	8	39	511
Vegetables	739	735	796	826	548	12	18	191	57
Meat, fish, and dairy products	222	237	245	279	216	-------	4	57	2
Bananas	1,045	1,170	1,353	1,321	692	9	612	8	-------
Coconuts and copra	219	205	218	266	59	-------	52	155	-------
Other fruits and nuts	371	349	415	361	274	-------	56	31	-------
Sugar	3,318	3,631	3,929	4,058	2,773	198	998	89	-------
Molasses	963	903	1,306	1,330	634	8	678	10	-------
Coffee	651	659	613	667	396	9	184	78	-------
Cocoa	187	169	167	187	183	-------	-------	4	-------
Tobacco and manufactures	43	49	51	48	41	-------	3	4	-------
Cotton, raw	122	80	82	89	86	-------	-------	3	-------
Cotton manufactures	104	92	92	108	65	2	21	20	-------
Wool, raw	174	122	146	139	128	-------	-------	11	-------
Wool manufactures	37	46	38	37	34	-------	-------	3	-------
Jute	93	65	68	76	74	1	-------	1	-------
Jute manufactures	310	306	311	349	215	5	89	40	-------
Other fibers and grasses	370	361	459	355	158	4	85	43	65
Other fibers and grasses manufactured	99	92	76	74	62	-------	3	9	-------
Silk, manufactures	39	42	38	38	30	-------	-------	8	-------
Paper stock (except wood pulp)	190	245	292	245	204	7	24	10	-------
Paper manufactures	409	357	342	381	150	18	50	114	49
Clays	344	414	392	423	409	-------	3	8	3
Clay manufactures	236	211	190	299	232	4	22	41	-------
Rubber	312	308	408	434	421	-------	-------	13	-------
Coal and coke	1,067	272	657	1,109	967	-------	-------	139	3
Petroleum, crude	14,121	13,614	11,165	11,138	6,413	1,037	3,678	4	6
Iron ore	2,827	2,036	2,203	2,697	2,683	-------	10	4	-------
Manganese and manganese ore	364	499	598	675	641	-------	29	5	-------
Iron and steel and manufactures	575	486	834	1,029	702	13	118	182	14
Copper and manufactures	490	534	460	540	320	-------	-------	220	-------
Miscellaneous metals	517	546	925	710	335	-------	231	144	-------
Hides, skins, and manufactures	255	179	173	168	162	-------	-------	6	-------
Logs and lumber	1,383	1,426	1,608	1,693	1,012	27	205	322	127
Pulpwood	619	802	980	900	203	6	-------	16	675
Wood pulp	568	796	871	891	806	-------	3	42	40
Dyeing and tanning material	210	130	150	182	173	-------	6	2	1
Sulphur and pyrites	278	281	333	370	348	22	-------	-------	-------
Potash	630	635	789	781	300	331	143	7	-------
Nitrates	974	994	1,242	933	353	276	217	73	14
Other fertilizers	94	77	96	129	32	52	13	32	-------
Chemicals, n. e. s	234	540	568	586	263	37	236	49	1
Gypsum	391	424	506	716	652	-------	-------	64	-------
All others	3,448	2,714	2,844	3,294	1,953	86	385	411	459
Exports, total	**49,080**	**52,261**	**49,666**	**68,140**	**33,994**	**1,354**	**13,304**	**11,450**	**8,038**
Wheat	5,551	7,267	5,300	6,768	3,279	-------	1,212	1,064	1,213
Rye	904	1,015	759	365	137	-------	14	-------	214
Corn	854	356	224	330	104	-------	155	11	60
Barley	433	690	1,077	723	457	-------	-------	208	58
Other grains	550	503	817	483	331	-------	71	24	57
Wheat flour	1,825	1,880	1,387	1,395	864	-------	301	230	-------
Vegetables	670	884	932	908	465	37	354	50	2
Meat, fish, and dairy products	747	841	866	789	568	-------	95	126	-------
Fruits and nuts	353	591	537	694	365	-------	8	321	-------
Sugar, refined and manufactured	249	251	378	120	107	-------	6	1	6
Tobacco and manufactures	274	308	255	272	185	4	59	24	-------
Cotton, raw	1,213	1,566	1,853	2,049	178	309	1,501	61	-------
Cotton manufactures	74	82	93	85	60	22	1	2	-------
Wool and manufactures	18	14	5	9	9	-------	-------	-------	-------
Hides, skins, and manufactures	15	66	45	39	30	-------	-------	9	-------

No. 468.—Cargo Tonnage of Water-Borne Imports and Exports: By Major Commodities and by Coastal Districts—Continued

Commodity	1923	1924	1925	1926					
				Total	North Atlantic	South Atlantic	Gulf	Pacific	Great Lakes
Exports—Continued									
Coal and coke	10,868	9,427	9,092	24,711	18,714	525	206	25	5,241
Petroleum and products	11,744	13,759	13,174	14,959	3,201	36	5,809	5,855	58
Iron ore	1,059	571	583	813	-------	-------	-------	-------	813
Iron and steel and manufactures, n. e. s.	1,285	1,305	1,223	1,528	1,137	4	191	34	162
Machinery, including agricultural	337	431	470	494	432	1	34	25	2
Vehicles	405	450	644	578	532	-------	29	16	1
Copper manufactures	320	454	440	394	296	-------	1	96	1
Lumber	4,163	4,560	4,539	4,750	206	71	1,642	2,819	12
Cement	159	129	150	152	141	-------	7	4	-------
Sulphur	450	463	612	567	4	-------	535	1	27
Phosphates	849	795	869	759	38	114	607	-------	-------
Other fertilizers	230	198	208	250	179	16	30	25	-------
Chemicals, n. e. s.	284	264	278	348	237	-------	76	32	3
Naval stores	369	367	291	290	25	204	59	2	-------
All others	2,828	2,773	2,564	2,518	1,713	11	301	385	108

Source: Bureau of Research, United States Shipping Board.

No. 469.—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. 413. 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]

[All figures in thousands of net tons]

Yearly average or year	Entered		Cleared	
	Seaports	Other ports	Seaports	Other ports
1840 [1]	1,788	501	1,861	492
1850	3,169	1,179	3,167	1,194
1860	5,000	3,275	5,257	3,533
1870	6,270	2,886	6,362	2,807
1871-1875	8,462	2,997	8,514	2,994
1876-1880	12,134	2,792	12,197	2,807
1881-1885	13,604	2,931	13,781	2,917
1886-1890	13,479	2,602	13,655	2,593
1891-1895	16,801	2,816	16,965	2,876
1896-1900	20,931	3,989	21,077	4,007
1901-1905	24,551	5,939	24,633	5,918
1906-1910	29,651	8,071	29,156	8,036
1911-1915	36,035	11,879	35,954	12,061
1915-1920 [2]	38,071	13,440	40,137	13,511
1921-1925	52,959	13,334	53,578	13,075
1910-1914	35,212	11,408	34,965	11,614
1914-1920 [3]	37,604	13,169	39,417	13,190
1880	15,251	2,760	15,296	2,747
1881	15,631	2,688	15,794	2,676
1882	14,656	2,945	14,846	2,911
1883	13,361	3,021	13,565	2,976
1884	12,085	2,984	12,206	2,999
1885	12,287	3,018	12,496	3,019
1886	12,230	2,906	12,413	2,915
1887	13,532	2,284	13,511	2,242
1888	12,956	2,437	13,252	2,417
1889	13,312	2,640	13,672	2,671
1890	15,366	2,741	15,429	2,720
1891	15,394	2,810	15,411	2,850
1892	18,180	2,833	18,258	2,903
1893	16,679	2,903	16,825	2,936
1894	17.025	2,965	17,306	2,966
1895	16.725	2,570	17,024	2,727

Year	Entered		Cleared	
	Seaports	Other ports	Seaports	Other ports
1896	17,453	3,536	17,819	3,596
1897	20,003	3,757	19,878	3,831
1898	21,700	3,879	21,892	3,856
1899	21,963	4,148	22,177	4,089
1900	23,534	4,629	23,618	4,663
1901	24,791	4,977	24,889	4,931
1902	24,361	6,293	24,242	6,202
1903	24,698	6,396	24,823	6,493
1904	24,111	5,841	24,192	5,824
1905	24,793	6,190	25,020	6,138
1906	27,401	6,754	26,970	6,814
1907	29,248	7,374	28,499	7,491
1908	30,444	8,095	30,198	8,084
1909	30,243	8,815	29,604	8,592
1910	30,917	9,319	30,510	9,196
1911	32,457	10,218	32,299	10,138
1912	34,659	11,499	34,706	11,711
1913	37,973	12,666	37,566	13,586
1914	40,052	13,337	39,743	13,440
1915	35,032	11,678	35,458	11,427
1916	37,744	13,806	38,946	13,477
1917	36,521	13,951	38,094	13,983
1918	31,101	14,356	31,869	14,145
1918 (July-Dec.)	16,113	8,916	16,112	9,360
1919	36,381	10,320	40,750	10,506
1920	51,532	12,572	54,981	12,837
1921	49,958	12,327	50,423	12,242
1922	51,701	13,490	51,799	13,040
1923	52,775	13,544	53,215	13,409
1924	54,726	13,565	55,294	13,616
1925	55,636	13,742	57,160	13,069
1926	63,759	13,174	65,583	13,458
1927	58,921	15,389	59,759	15,682

[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: Bureau of Foreign and Domestic Commerce.

No. 470.—NET TONNAGE OF VESSELS ENTERED AND CLEARED IN FOREIGN TRADE: By Customs Districts and by Regions

[Note.—All figures in thousands of net tons. See headnote, Table 469]

Customs district	1924		1925		1926		1927	
	Entered	Cleared	Entered	Cleared	Entered	Cleared	Entered	Cleared
Grand total	68, 292	68, 910	69, 378	70, 229	76, 933	79, 041	74, 310	75, 440
Seaports, total	54, 727	55, 294	55, 636	57, 160	63, 759	65, 583	58, 921	59, 759
North Atlantic coast, total	25, 944	24, 714	26, 920	26, 166	28, 517	26, 236	28, 345	26, 532
Maine and New Hampshire	707	671	695	750	699	676	677	599
Massachusetts	3, 928	2, 348	3, 896	2, 453	3, 783	2, 511	4, 397	2, 884
Rhode Island	379	323	417	367	289	255	249	200
Connecticut	36	31	31	21	37	13	20	17
New York	18, 530	19, 243	19, 210	20, 835	20, 575	20, 427	20, 558	21, 327
Philadelphia	2, 364	2, 098	2, 671	1, 740	3, 134	2, 354	2, 444	1, 505
South Atlantic coast, total	4, 572	6, 302	5, 044	6, 925	10, 413	12, 885	4, 896	6, 642
Maryland	1, 867	1, 525	1, 915	1, 478	4, 132	3, 767	2, 052	1, 488
Virginia	1, 057	3, 036	1, 312	3, 507	4, 355	6, 900	887	2, 722
North Carolina	107	44	109	63	95	77	65	46
South Carolina	476	332	455	445	551	524	482	408
Georgia	348	606	404	578	353	640	286	760
Porto Rico	717	759	849	854	927	977	1, 124	1, 218
Gulf coast, total	12, 947	12, 713	12, 047	12, 140	11, 875	12, 467	11, 612	11, 904
Florida	2, 404	1, 992	2, 721	2, 231	2, 630	2, 225	2, 649	2, 158
Mobile	549	887	566	921	614	894	689	914
New Orleans	5, 476	4, 921	5, 372	5, 047	5, 421	4, 843	5, 189	4, 535
Sabine	1, 516	1, 429	1, 059	1, 119	837	1, 094	675	1, 005
Galveston	3, 002	3, 484	2, 329	2, 822	2, 373	3, 410	2, 410	3, 292
Mexican border: San Antonio	5	2	--------	--------	4	--------	101	29
Pacific coast, total	11, 259	11, 563	11, 625	11, 929	12, 950	13, 995	13, 987	14, 652
Washington	4, 876	5, 150	5, 362	5, 621	5, 536	6, 031	5, 430	5, 574
Oregon	1, 009	882	617	572	899	920	960	910
San Francisco	1, 636	2, 071	1, 721	1, 912	1, 759	2, 125	1, 811	2, 365
Los Angeles	2, 718	2, 320	2, 814	2, 482	3, 623	3, 464	4, 556	4, 375
Alaska	255	193	333	303	320	241	333	255
Hawaii	765	947	778	1, 039	813	1, 214	877	1, 173
Northern border, total	13, 565	13, 616	13, 742	13, 069	13, 174	13, 458	15, 389	15, 681
Vermont	8	10	7	9	5	7	4	7
St. Lawrence	999	798	1, 247	905	1, 144	847	1, 773	828
Rochester	2, 435	2, 453	2, 416	2, 411	2, 401	2, 475	2, 675	2, 727
Buffalo	2, 739	1, 237	3, 633	1, 424	3, 087	1, 407	3, 534	2, 147
Ohio	3, 095	4, 503	3, 429	4, 311	3, 475	4, 655	3, 781	4, 745
Michigan	2, 091	2, 207	1, 744	1, 896	1, 472	1, 917	2, 146	2, 179
Chicago	316	456	273	368	203	512	199	508
Wisconsin	34	349	58	435	237	374	477	538
Duluth and Superior	1, 848	1, 603	935	1, 310	1, 150	1, 264	1, 400	2, 002

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 [1]	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
1923	31, 299	27, 992	11, 676	8, 174	9, 786	6, 040	14	13, 544	6, 766
1924	30, 515	27, 222	12, 947	8, 659	11, 259	6, 522	5	13, 565	6, 435
1925	31, 964	28, 681	12, 047	8, 085	11, 625	6, 684	--------	13, 742	7, 323
1926	38, 930	30, 029	11, 875	8, 082	12, 950	7, 000	4	13, 174	7, 131
1927	33, 174	26, 303	11, 904	10, 410	14, 652	12, 678	29	15, 682	10, 656
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 [1]	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
1923	30, 463	24, 557	12, 242	8, 785	10, 497	9, 056	13	13, 409	9, 514
1924	31, 016	24, 282	12, 713	9, 758	11, 563	9, 746	2	13, 616	9, 933
1925	33, 091	26, 457	12, 140	9, 665	11, 929	9, 628	--------	13, 069	8, 805
1926	39, 121	32, 537	12, 467	10, 103	13, 995	11, 597	--------	13, 458	9, 241
1927	33, 241	30, 514	11, 612	7, 337	13, 967	7, 580	101	15, 389	7, 824

[1] July 1, 1915, to Dec. 31, 1920.

Source: Bureau of Foreign and Domestic Commerce.

No. 471.—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 469]

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
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
1913	41,015	50,639	13,072	37,567	25.8	37,973	1,734	36,239	29,127	8,846
1914	41,017	53,389	13,730	39,659	25.7	40,053	1,550	38,502	32,283	7,770
1915	39,754	46,710	13,275	33,435	28.4	35,032	1,605	33,427	23,893	11,139
1916	42,514	51,550	17,928	33,622	34.8	37,744	2,137	35,607	24,253	13,491
1917	44,172	50,472	18,725	31,747	37.1	36,521	2,123	34,398	23,726	12,795
1918	40,512	45,456	19,284	26,172	42.4	31,101	1,789	29,312	21,147	9,954
1918 (July–Dec.)	23,032	25,029	11,006	14,023	44.0	16,113	932	15,181	9,649	6,464
1919	39,052	46,702	21,933	24,769	47.0	36,381	1,614	34,767	24,041	12,340
1920	45,637	64,104	32,119	31,985	50.1	51,531	1,847	49,684	35,387	16,144
1921	40,758	62,285	31,185	31,100	50.1	49,958	1,379	48,579	36,066	13,892
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

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
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
1913	5,241	3,954	32,732	25,173	13.8	12,666	4,796	7,831	4,835
1914	5,436	4,305	34,617	27,978	13.6	13,336	5,172	8,294	5,042
1915	6,830	5,567	28,202	18,326	19.5	11,678	4,241	6,445	5,233
1916	9,446	7,773	28,298	16,480	25.0	13,806	6,539	8,482	5,324
1917	10,898	8,942	25,623	14,784	29.8	13,951	6,796	7,827	6,124
1918	11,256	9,136	19,845	12,011	36.2	14,355	5,400	8,027	6,328
1918 (July–Dec.)	5,747	4,595	10,366	5,054	35.7	8,916	2,704	5,259	3,657
1919	16,224	12,294	20,157	11,747	44.6	10,321	3,763	5,709	4,612
1920	26,225	19,822	25,306	15,565	50.9	12,573	5,852	5,894	6,679
1921	24,402	18,620	25,556	17,446	48.8	12,327	5,672	6,783	5,544
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

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

Source: Bureau of Foreign and Domestic Commerce.

No. 472.—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 469]

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
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
1913	43,094	51,152	13,946	37,206	27.3	37,566	1,824	35,742	34,310	3,256
1914	39,650	53,183	13,740	39,443	25.8	39,743	1,574	38,169	35,935	3,808
1915	39,139	46,885	13,418	33,467	28.6	35,458	1,749	33,709	31,878	3,580
1916	42,136	52,423	17,902	34,521	34.1	38,945	2,310	36,635	35,203	3,742
1917	43,749	52,077	19,146	32,931	36.8	38,094	2,239	35,855	34,383	3,711
1918	39,893	46,014	19,206	26,808	41.7	31,869	1,925	29,944	28,125	3,744
1918 (July–Dec.)	22,580	25,472	11,223	14,249	44.1	16,112	1,011	15,101	13,594	2,518
1919	39,974	51,257	24,992	26,265	48.8	40,751	1,819	38,932	34,689	6,062
1920	46,447	67,817	34,053	33,764	50.2	54,980	2,009	52,971	45,687	9,293
1921	39,553	62,665	30,181	32,484	48.2	50,423	1,218	49,205	39,985	10,438
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

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	2,978	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
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
1913	5,289	4,517	32,277	29,793	14.1	13,586	10,173	8,657	4,929
1914	5,185	4,466	34,558	31,469	13.0	13,440	9,048	8,555	4,885
1915	7,110	5,692	28,348	26,186	20.1	11,427	7,309	6,308	5,119
1916	9,763	7,720	29,182	27,483	25.1	13,478	8,645	8,139	5,339
1917	11,339	8,805	26,755	25,578	29.8	13,983	9,745	7,807	6,176
1918	11,280	8,491	20,589	19,634	35.4	14,145	10,200	7,926	6,219
1918 (July–Dec.)	5,614	3,537	10,498	10,057	34.8	9,360	7,433	5,609	3,751
1919	19,133	14,539	21,617	20,150	47.0	10,506	7,616	5,858	4,648
1920	27,875	20,188	27,106	25,499	50.7	12,837	9,365	6,179	6,658
1921	23,432	15,215	26,991	24,770	46.5	12,242	8,692	6,749	5,493
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

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

Source: Bureau of Foreign and Domestic Commerce.

No. 473.—NET TONNAGE OF VESSELS ENTERED AND CLEARED AT SEAPORTS IN FOREIGN TRADE: BY COUNTRIES OF ORIGIN AND DESTINATION

[NOTE.—Only traffic by sea is included. First two columns cover years ended June 30, third column the period July 1, 1914, to Dec. 31, 1920, the others calendar years. For definition of net tonnage, see general note, p. 413]

Country	1900–1909, average	1910–1914, average	1914–1920, average	1921–1925, average	1925	1926	1927
Total by sea:							
Entered	26, 362, 395	35, 211, 626	37, 603, 585	52, 959, 066	55, 635, 785	63, 759, 288	58, 920, 883
Cleared	26, 205, 544	34, 984, 750	39, 416, 610	53, 578, 231	57, 160, 193	65, 583, 280	59, 758, 780
Belgium:							
Entered	905, 114	954, 825	392, 237	1, 231, 418	1, 427, 861	1, 865, 051	1, 600, 381
Cleared	900, 529	1, 038, 911	452, 014	1, 189, 541	1, 249, 451	1, 156, 721	1, 358, 003
Denmark:							
Entered	184, 191	297, 422	372, 515	372, 057	358, 744	423, 990	437, 343
Cleared	352, 083	304, 828	498, 274	449, 859	581, 780	615, 022	622, 838
France:							
Entered	611, 101	1, 046, 805	2, 251, 205	1, 953, 123	1, 979, 565	2, 385, 062	2, 265, 893
Cleared	1, 061, 978	1, 452, 516	3, 344, 586	2, 250, 143	2, 244, 788	2, 399, 479	2, 390, 070
Germany:							
Entered	2, 384, 285	3, 112, 870	289, 600	2, 997, 739	3, 261, 197	3, 370, 053	3, 489, 026
Cleared	2, 772, 696	3, 474, 414	297, 847	3, 164, 584	3, 383, 817	3, 149, 570	3, 597, 364
Italy:							
Entered	1, 096, 653	1, 304, 805	2, 171, 348	1, 707, 404	1, 846, 456	2, 082, 629	1, 914, 823
Cleared	1, 003, 205	1, 661, 994	2, 488, 862	1, 986, 163	1, 946, 936	2, 368, 723	1, 835, 693
Netherlands:							
Entered	846, 438	1, 169, 332	1, 291, 187	1, 654, 429	1, 669, 606	2, 957, 337	1, 904, 469
Cleared	1, 205, 848	1, 520, 939	1, 459, 433	1, 463, 695	1, 344, 182	1, 496, 132	1, 611, 551
Norway:							
Entered	----------	193, 386	521, 361	383, 548	389, 267	348, 701	353, 589
Cleared	----------	159, 332	830, 314	411, 860	344, 745	421, 654	356, 500
Spain:							
Entered	482, 656	723, 807	837, 913	607, 537	649, 200	869, 236	672, 200
Cleared	264, 715	337, 478	489, 624	463, 436	454, 217	503, 745	617, 800
Sweden:							
Entered	----------	68, 259	240, 022	503, 697	500, 518	577, 790	679, 152
Cleared	----------	65, 748	440, 490	352, 726	336, 448	436, 115	490, 852
United Kingdom:							
Entered	7, 440, 335	7, 237, 850	8, 765, 384	9, 378, 111	9, 715, 838	13, 087, 520	10, 416, 917
Cleared	7, 152, 975	7, 161, 763	8, 164, 112	8, 646, 765	9, 733, 262	14, 575, 038	9, 705, 379
Canada:							
Atlantic coast—							
Entered	1, 355, 122	1, 478, 528	1, 092, 164	1, 200, 621	1, 344, 302	1, 309, 356	1, 452, 012
Cleared	1, 453, 699	1, 593, 804	1, 007, 314	1, 331, 359	1, 511, 450	1, 479, 469	1, 577, 867
British Columbia—							
Entered	1, 507, 697	2, 539, 190	3, 117, 484	4, 570, 746	5, 874, 936	5, 710, 718	5, 686, 792
Cleared	1, 508, 559	2, 588, 961	3, 093, 687	4, 572, 942	6, 085, 148	6, 120, 591	5, 805, 099
Central America:							
Entered	799, 399	1, 878, 875	1, 534, 781	1, 734, 445	1, 970, 134	2, 030, 956	2, 409, 548
Cleared	830, 320	2, 120, 621	1, 609, 660	1, 640, 067	2, 005, 449	2, 159, 179	2, 553, 201
Mexico:							
Entered	856, 152	1, 788, 921	3, 788, 046	8, 159, 984	5, 783, 013	4, 758, 962	3, 349, 499
Cleared	745, 331	1, 847, 324	3, 726, 641	8, 391, 496	5, 962, 122	4, 904, 831	3, 145, 294
British West Indies and British Honduras:							
Entered	1, 001, 068	1, 037, 744	563, 526	1, 350, 573	1, 762, 194	1, 607, 249	1, 828, 666
Cleared	982, 008	1, 181, 262	642, 410	1, 435, 038	1, 884, 337	1, 880, 762	2, 038, 256
Cuba:							
Entered	2, 017, 626	3, 030, 360	3, 450, 066	4, 768, 644	5, 308, 223	5, 614, 504	5, 475, 564
Cleared	1, 765, 567	2, 448, 650	3, 560, 111	4, 659, 113	5, 553, 334	5, 610, 209	5, 306, 403
Dominican Republic:							
Entered	111, 256	178, 548	345, 166	379, 754	450, 714	516, 576	616, 135
Cleared	94, 469	200, 029	404, 350	448, 719	609, 299	687, 422	791, 237
Haiti:							
Entered	105, 561	122, 577	108, 317	105, 306	146, 598	174, 610	182, 523
Cleared	80, 983	124, 052	186, 072	229, 742	209, 284	195, 373	180, 888
Argentina:							
Entered	207, 453	792, 095	633, 318	1, 005, 742	854, 821	1, 223, 873	1, 160, 859
Cleared	327, 693	618, 781	761, 911	706, 906	797, 310	1, 140, 281	997, 788
Brazil:							
Entered	587, 135	1, 131, 112	549, 895	552, 147	940, 136	630, 720	681, 148
Cleared	253, 129	557, 819	840, 558	912, 818	1, 030, 503	1, 567, 891	1, 194, 297
Chile:							
Entered	206, 359	461, 999	853, 378	975, 186	1, 382, 063	1, 306, 663	1, 189, 997
Cleared	137, 661	327, 311	797, 180	792, 678	1, 055, 561	896, 412	1, 006, 092
Colombia:							
Entered	194, 733	198, 838	230, 986	143, 577	138, 211	511, 138	791, 574
Cleared	172, 067	196, 360	212, 734	226, 118	165, 558	478, 567	1, 007, 325
British East Indies:							
Entered	238, 498	328, 512	347, 066	575, 721	728, 860	782, 234	807, 616
Cleared	107, 001	130, 536	204, 284	330, 264	340, 027	391, 682	462, 071

No. 473.—Net Tonnage of Vessels Entered and Cleared at Seaports in Foreign Trade: By Countries of Origin and Destination—Contd.

Country	1900–1909, average	1910–1914, average	1914–1920, average	1921–1925, average	1925	1926	1927
China, Hong Kong, and Kwantung:							
Entered	346, 340	441, 665	518, 737	959, 093	777, 828	1, 019, 440	875, 720
Cleared	388, 699	390, 999	478, 916	963, 062	801, 896	897, 710	846, 128
Japan:							
Entered	440, 982	646, 123	733, 313	1, 607, 075	1, 612, 329	2, 148, 587	2, 263, 789
Cleared	350, 957	541, 795	796, 169	2, 105, 584	2, 141, 993	2, 901, 105	2, 958, 082
Philippine Islands:							
Entered	63, 478	84, 528	131, 602	407, 596	575, 863	634, 245	583, 714
Cleared	93, 228	144, 212	123, 859	358, 979	534, 711	498, 765	484, 376
British Australasia:							
Entered	255, 845	237, 536	379, 006	508, 826	616, 719	822, 674	865, 986
Cleared	412, 563	534, 305	567, 149	945, 549	1, 229, 954	1, 434, 993	1, 517, 591
All other countries:							
Entered	2, 116, 918	2, 725, 114	2, 093, 963	3, 164, 896	3, 570, 589	4, 989, 414	4, 965, 948
Cleared	1, 787, 581	2, 240, 006	1, 938, 049	3, 149, 026	3, 622, 631	5, 215, 839	5, 300, 735

No. 474.—NET TONNAGE OF VESSELS ENTERED AND CLEARED AT SEAPORTS IN FOREIGN TRADE: By Nationality of Vessel

[Note.—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 471 and 472 in which the columns for northern border represent the trade with Quebec and Ontario. See note, Table 473]

	1900–1909, average	1910–1914, average	1914–1920, average	1921–1925, average	1925	1926	1927
Total by sea:							
Entered	**26, 362, 395**	**35, 211, 626**	**37, 603, 585**	**52, 959, 066**	**55, 635, 785**	**63, 759, 288**	**58, 920, 883**
Cleared	**26, 205, 544**	**34, 964, 750**	**39, 416, 610**	**53, 578, 231**	**57, 160, 193**	**65, 583, 280**	**59, 758, 780**
American:							
Entered	4, 044, 412	4, 752, 954	13, 327, 146	22, 525, 865	21, 148, 611	21, 091, 546	22, 000, 529
Cleared	4, 023, 172	4, 778, 258	14, 171, 428	22, 556, 480	21, 393, 986	22, 234, 137	22, 077, 882
Total foreign:							
Entered	22, 317, 983	30, 458, 672	24, 276, 439	30, 433, 200	34, 487, 174	42, 667, 742	36, 920, 354
Cleared	22, 182, 372	30, 186, 492	25, 245, 181	31, 021, 751	35, 766, 207	43, 349, 143	37, 680, 898
Belgian:							
Entered	262, 312	411, 902	268, 702	331, 949	375, 334	482, 505	353, 031
Cleared	268, 740	404, 081	282, 817	343, 073	380, 136	464, 050	351, 482
British:							
Entered	13, 564, 274	17, 900, 596	14, 167, 931	16, 807, 042	18, 569, 463	22, 833, 731	18, 819, 736
Cleared	13, 421, 946	17, 813, 786	14, 755, 359	17, 064, 219	19, 313, 947	23, 010, 368	19, 065, 420
Danish:							
Entered	397, 529	471, 669	774, 402	928, 882	1, 166, 321	1, 155, 212	1, 098, 128
Cleared	398, 319	449, 665	794, 549	928, 109	1, 165, 185	1, 174, 601	1, 105, 540
Dutch:							
Entered	667, 084	1, 004, 369	1, 007, 090	1, 299, 961	1, 367, 589	1, 754, 096	1, 647, 740
Cleared	661, 128	1, 006, 723	1, 054, 716	1, 291, 771	1, 375, 675	1, 747, 753	1, 650, 349
French:							
Entered	636, 346	996, 944	875, 994	1, 492, 083	1, 604, 181	1, 743, 796	1, 768, 182
Cleared	642, 233	990, 163	918, 565	1, 518, 474	1, 663, 436	1, 753, 344	1, 848, 896
German:							
Entered	3, 160, 093	4, 362, 019	106, 621	846, 528	1, 299, 415	1, 809, 119	2, 108, 788
Cleared	3, 170, 666	4, 299, 756	78, 581	869, 712	1, 440, 152	1, 884, 796	2, 185, 221
Italian:							
Entered	541, 839	821, 490	1, 210, 969	1, 489, 770	1, 909, 947	2, 759, 490	1, 979, 080
Cleared	538, 219	850, 342	1, 365, 723	1, 568, 946	1, 977, 867	2, 795, 509	2, 025, 947
Japanese:							
Entered	126, 624	352, 761	1, 099, 373	2, 058, 921	2, 266, 265	2, 284, 726	2, 439, 304
Cleared	107, 213	243, 792	1, 046, 215	2, 235, 304	2, 468, 479	2, 530, 691	2, 601, 795
Norwegian:							
Entered	1, 940, 520	2, 678, 645	2, 744, 135	2, 816, 614	3, 249, 103	3, 871, 583	3, 482, 135
Cleared	1, 946, 408	2, 683, 958	2, 822, 314	2, 783, 678	3, 256, 231	3, 978, 828	3, 516, 600
Spanish:							
Entered	423, 855	412, 658	606, 345	480, 419	425, 236	880, 447	486, 365
Cleared	420, 234	397, 948	637, 293	486, 514	414, 593	881, 487	520, 556
Swedish:							
Entered	62, 321	70, 352	353, 083	564, 111	652, 711	887, 946	899, 854
Cleared	64, 779	69, 598	366, 814	565, 805	635, 874	906, 556	936, 341
All other foreign:							
Entered	535, 186	975, 267	1, 061, 794	1, 316, 739	1, 601, 609	2, 205, 091	1, 838, 011
Cleared	542, 487	976, 680	1, 122, 235	1, 366, 147	1, 674, 632	2, 221, 160	1, 872, 751

Source of Tables 473 and 474: Bureau of Foreign and Domestic Commerce.

No. 475.—DOMESTIC EXPORTS AND IMPORTS OF MERCHANDISE: VALUE, METHOD OF CARRIAGE, AND NATIONALITY OF VESSEL

[NOTE.—All figures in thousands of dollars. All data for calendar years]

	1914	1920	1922	1923	1924	1925	1926	1927
Domestic exports	2,071,058	8,080,481	3,765,091	4,090,715	4,497,649	4,818,722	4,711,721	4,758,864
American vessels	186,926	3,116,440	1,248,736	1,344,010	1,514,802	1,458,199	1,387,814	1,419,967
Foreign vessels:								
Belgian	7,763	76,370	25,369	30,727	37,442	37,792	36,163	33,569
British	1,011,691	2,587,813	1,147,027	1,247,523	1,321,242	1,423,507	1,340,361	1,333,325
Danish	(1)	71,841	53,348	57,414	88,164	94,980	81,107	94,050
Dutch	83,895	157,957	91,486	87,213	127,952	166,413	168,064	172,705
French	70,037	166,126	111,539	103,128	117,423	137,218	132,300	121,166
German	158,640	9,671	54,702	102,045	149,660	163,767	168,304	221,028
Italian	44,544	215,441	94,707	93,658	119,932	146,858	124,631	114,792
Japanese	23,957	208,876	158,416	159,506	167,638	173,205	163,492	144,140
Norwegian	89,821	236,696	132,729	123,857	128,603	172,324	177,310	197,300
Spanish	(1)	113,291	55,878	57,102	65,223	62,167	62,788	48,796
Swedish	(1)	54,074	34,051	43,097	51,430	53,598	73,542	78,932
All other	126,611	130,515	32,096	43,966	61,685	89,975	91,167	69,512
Total foreign	1,616,959	4,028,671	1,991,348	2,149,236	2,436,394	2,721,804	2,619,229	2,629,915
Parcel post	----------	----------	----------	----------	21,420	26,052	27,977	27,785
Cars and other land vehicles	267,173	935,370	525,007	597,469	525,033	612,667	676,701	681,197
Imports	1,789,276	5,278,481	3,112,747	3,792,066	3,609,962	4,226,589	4,430,888	4,184,742
American vessels	216,199	1,987,861	921,054	1,039,844	1,011,686	1,151,242	1,194,995	1,214,827
Foreign vessels:								
Belgian	24,404	24,736	10,342	7,184	10,915	10,211	13,839	12,063
British	808,344	1,600,697	974,273	1,215,231	1,116,996	1,384,926	1,366,926	1,133,818
Danish	(1)	40,767	51,863	72,027	62,673	54,142	49,131	58,943
Dutch	90,840	187,478	99,554	107,556	96,898	122,278	151,499	141,500
French	82,945	141,181	140,112	146,786	138,202	147,809	160,865	151,833
German	151,613	14	27,755	69,187	73,482	85,945	139,517	162,508
Italian	39,796	60,618	45,254	59,861	60,057	70,663	78,483	75,639
Japanese	57,545	454,180	212,203	246,547	267,081	390,393	382,236	404,540
Norwegian	82,679	111,811	147,689	241,414	183,094	164,095	167,684	154,068
Spanish	(1)	36,148	11,220	19,163	16,884	15,886	29,933	20,897
Swedish	(1)	27,663	21,975	33,159	37,095	36,102	51,072	54,933
All other	77,410	57,959	40,764	53,548	69,459	82,624	104,635	75,826
Total foreign	1,415,576	2,743,252	1,783,004	2,271,663	2,132,836	2,565,074	2,695,820	2,446,567
Parcel post	----------	----------	98,375	107,656	107,189	125,133	129,161	111,501
Cars and other land vehicles	157,501	547,368	310,314	372,903	358,251	385,140	410,912	411,846

[1] Included in "All other."

Source: Bureau of Foreign and Domestic Commerce.

No. 476.—EXPORTS (DOMESTIC AND FOREIGN) 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]

Yearly average or year	Exports (domestic and foreign)					Imports					Water borne—per cent in American vessels	
	Total	Total by water	In American vessels	In foreign vessels	By land vehicles [1]	Total	Total by water	In American vessels	In foreign vessels	By land vehicles [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	3,978	2,035	5,437	37.1	32.5
1916	5,483	4,820	665	4,155	663	2,392	2,157	532	1,625	234	13.8	24.7
1917	6,234	5,403	946	4,457	830	2,953	2,590	733	1,857	362	17.5	28.3
1918	6,149	5,226	986	4,240	923	3,031	2,577	717	1,860	454	18.9	27.8
1919	7,920	7,090	2,596	4,494	831	3,904	3,414	1,228	2,186	491	36.6	36.0
1920	8,228	7,252	3,165	4,087	976	5,279	4,731	1,988	2,743	548	43.6	42.0
1921	4,485	3,888	1,402	2,486	597	2,509	2,187	765	1,422	[1] 322	36.1	35.0
1922	3,832	3,281	1,261	2,020	551	3,113	2,704	921	1,783	409	38.4	34.1
1923	4,168	3,539	1,358	2,181	629	3,792	3,312	1,040	2,272	481	38.4	31.4
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	731	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

TOTAL WATER-BORNE EXPORTS AND IMPORTS COMBINED

Yearly average or year	Total	In American vessels	In foreign vessels	Per cent in American vessels	Year	Total	In American vessels	In foreign vessels	Per cent in American vessels
1830 [1]	145	130	15	89.7	1916	6,977	1,197	5,780	17.2
1840 [1]	239	198	41	82.3	1917	7,994	1,679	6,315	21.0
1850 [1]	330	239	91	72.5	1918	7,803	1,703	6,100	21.8
1860 [1]	762	507	255	66.5	1919	10,504	3,824	6,680	36.4
1870 [1]	913	323	590	35.6	1920	11,983	5,153	6,830	43.0
1871-1875	1,162	326	835	30.6	1921	6,075	2,167	3,908	35.7
1876-1880	1,206	289	917	23.9	1922	5,985	2,183	3,803	36.5
1881-1885	1,419	229	1,190	16.2	1923	6,850	2,398	4,453	35.0
1886-1890	1,398	198	1,200	14.1	1924	7,155	2,544	4,611	35.7
1891-1895	1,598	198	1,400	12.4	1925	7,940	2,624	5,316	33.0
1896-1900	1,784	179	1,605	10.0	1926	7,941	2,596	5,345	34.0
1901-1905	2,225	220	2,005	9.9	1927	7,759	2,649	5,110	34.1
1906-1910	2,838	287	2,552	10.1					
1911-1915	3,639	385	3,254	10.6					
1915-1920 [4]	8,673	2,534	6,140	29.2					
1921-1925	6,801	2,383	4,418	35.0					

[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.