18. POWER

[Data in this section relate to continental United States]

No. 467.—Energy From Mineral Fuels and Water Power—Annual Supply, by Source: 1871 to 1940

Note.—The figures, except coal equivalent, represent the equivalent of the heating power of the classes of fuel in trillions of British thermal units. Data represent production, except those for oil imports, and take no account of exports, imports, or changes in stocks.

Annual average or year	Anthracite	Bituminous	Total coal	Domestic oil	Natural gas	Imported oil	Water power [1]	Grand total fuels and water power	Equivalent in bituminous coal [2]	
									Million tons of 2,000 lbs.	Per capita, tons
1871–75	637	754	1,391	49	--------	--------	(1)	1,520	58	1.4
1876–80	718	955	1,673	101	--------	--------	(1)	1,857	71	1.5
1881–85	985	1,863	2,848	153	[3] 24	--------	(1)	3,110	119	2.2
1886–90	1,195	2,474	3,669	198	[3] 264	--------	(1)	4,221	161	2.7
1891–95	1,453	3,286	4,739	307	[3] 166	--------	104	5,316	203	3.0
1896–1900	1,513	4,493	6,006	357	[3] 198	--------	129	6,690	255	3.5
1901–05	1,818	7,140	8,958	612	323	--------	209	10,102	386	4.8
1906–10	2,207	9,783	11,990	1,037	470	1	369	13,867	529	5.9
1911–15	2,427	11,527	13,954	1,486	619	72	591	16,722	638	6.6
1916–20	2,523	13,981	16,504	2,176	820	297	851	20,648	788	7.6
1921–25	2,112	12,610	14,722	3,888	1,024	569	1,105	21,308	813	7.3
1926–30	2,084	13,595	15,679	5,375	1,760	408	1,781	25,002	954	8.0
1931–35	1,460	9,207	10,667	5,336	1,824	230	1,931	19,988	763	6.1
1933	1,348	8,741	10,089	5,434	1,672	191	1,931	19,317	737	5.9
1934	1,555	9,415	10,970	5,448	1,904	213	1,896	20,431	780	6.2
1935	1,419	9,756	11,175	5,980	2,060	193	2,207	21,615	825	6.5
1936	1,485	11,504	12,989	6,598	2,330	194	2,256	24,367	930	7.3
1937	1,410	11,673	13,083	7,675	2,588	165	2,446	25,957	991	7.7
1938	1,255	9,132	10,387	7,286	2,468	158	2,466	22,765	869	6.7
1939 (preliminary)	1,400	10,298	11,698	7,590	2,663	199	2,423	24,573	938	7.2
1940 (preliminary)	1,361	11,875	13,236	8,111	2,872	256	2,620	27,095	1,034	7.9

[1] Fuel equivalent is calculated from kilowatt-hours of power produced wherever available, as is true of all public-utility plants since 1919. Otherwise fuel equivalent is calculated from reported horsepower of installed water wheels. Prior to 1890 data were unsatisfactory, but estimates are included in total.

[2] Calculated at 26,200,000 British thermal units per ton.

[3] Based on amount of coal displaced by gas, as estimated by gas companies.

Source: Figures for 1936 and prior years, Department of Interior, Bureau of Mines. Thereafter, National Bituminous Coal Commission, now Bituminous Coal Division of Department of Interior. Published by Department of Interior, Bureau of Mines, in Minerals Yearbook.

No. 468.—Generating Plants—Installed Capacity, by Type of Prime Mover: 1920 to 1940

Note.—In kilowatts. See headnote, table 469.

Year	Total	Type of prime mover			Hydro as percent of total
		Hydro	Steam	Internal combustion	
1920	14,372,009	3,786,595	10,490,944	94,470	26.3
1921	15,282,014	3,965,650	11,221,724	94,640	25.9
1922	15,949,913	4,200,860	11,646,655	102,398	26.3
1923	17,433,118	4,597,524	12,721,552	114,042	26.4
1924	19,493,376	5,149,781	14,216,155	127,440	26.4
1925	23,512,000	6,158,849	17,166,846	186,305	26.2
1926	25,392,322	6,647,346	18,551,524	193,452	26.2
1927	27,020,915	7,134,143	19,683,534	203,238	26.4
1928	29,714,017	8,060,771	21,335,347	317,899	27.1
1929	31,622,591	8,166,479	23,129,693	326,419	25.8
1930	34,055,319	8,941,020	24,695,862	418,437	26.3
1931	35,369,664	9,444,771	25,474,380	450,513	26.7
1932	35,991,317	9,583,009	25,921,209	487,099	26.6
1933	36,242,916	9,736,063	26,008,665	498,188	26.9
1934	35,791,072	9,741,739	25,524,206	525,127	27.2
1935	36,074,442	9,795,138	25,708,209	571,095	27.2
1936	36,564,442	10,436,493	25,519,062	608,887	28.5
1937	37,134,382	10,576,614	25,872,720	685,048	28.5
1938	39,042,105	11,066,063	27,202,844	773,198	28.3
1939	40,317,924	11,415,165	28,046,948	855,811	28.3
1940	41,638,956	11,675,300	29,019,102	944,554	28.0

Source: Federal Power Commission; Electric Power Statistics, 1920–40, and Production of Electric Energy and Capacity of Generating Plants, 1940.

No. 469.—Electric Energy—Production, by Type of Prime Mover: 1920 to 1940

Note.—In thousands of kilowatt-hours. Figures for 1940 in this table and those in table 468 and in tables 470 to 474 are based on the operation of 4,109 power plants, owned by 1,696 concerns, generating electric energy for sale. The production and capacity of the following types of plants are included: Privately owned electric utilities, mining and manufacturing (exclusive of plants of those concerns whose sales were less than 10,000 kilowatt hours per month), railways and railroads, municipal electric utilities, Bureau of Reclamation, other Federal projects, cooperatives, power districts, State projects, and publicly owned noncentral stations.

Year	Total	Type of prime mover			Hydro as percent of total
		Hydro	Steam	Internal combustion	
1920	43,334,282	15,949,050	27,218,273	166,959	36.8
1921	40,886,083	14,879,593	25,831,166	175,324	36.4
1922	47,521,031	17,091,953	30,238,485	190,593	36.0
1923	55,554,567	19,232,513	36,112,791	209,263	34.6
1924	58,887,015	19,844,665	38,809,011	233,339	33.7
1925	65,751,137	22,233,423	43,223,181	294,533	33.8
1926	73,688,669	26,071,692	47,279,097	337,880	35.4
1927	79,364,895	29,028,596	49,997,324	338,975	36.6
1928	86,557,804	33,389,239	52,609,015	559,550	38.6
1929	95,925,226	33,190,745	62,160,462	574,019	34.6
1930	94,651,597	31,737,724	62,277,888	635,985	33.5
1931	90,728,821	29,579,863	60,505,175	643,783	32.6
1932	82,376,772	33,321,857	48,456,610	598,305	40.5
1933	84,736,229	34,058,562	50,094,064	583,603	40.2
1934	90,805,524	33,713,222	56,450,551	641,751	37.1
1935	98,464,073	39,034,152	58,649,829	780,092	39.6
1936	112,181,242	39,516,274	71,755,938	909,030	35.2
1937	121,836,813	44,489,183	76,329,917	1,017,713	36.5
1938	116,681,423	44,834,410	70,727,426	1,119,587	38.4
1939	130,336,050	44,021,631	85,006,941	1,307,478	33.8
1940	144,984,565	47,752,627	95,674,653	1,557,285	32.9

No. 470.—Generating Plants—Installed Capacity, by Class of Ownership: 1920 to 1940

Note.—In thousands of kilowatts. See headnote, table 469.

Year	Total all classes of ownership	Privately owned			Publicly owned				
		Electric utilities	Mining and manufacturing [1]	Railways and railroads	Municipal electric utilities	Federal		Cooperatives, power districts, State projects	Noncentral stations
						Bureau of Reclamation	Other		
1920	14,372	12,023	113	1,545	601	10	--------	21	59
1921	15,282	12,797	95	1,668	634	11	--------	21	56
1922	15,950	13,419	88	1,670	685	11	--------	21	56
1923	17,433	14,787	100	1,691	752	14	--------	33	56
1924	19,493	16,740	135	1,677	824	14	--------	44	59
1925	23,512	20,045	268	1,772	1,125	14	184	49	55
1926	25,392	21,819	274	1,732	1,204	21	184	99	59
1927	27,021	23,418	369	1,573	1,210	25	184	131	111
1928	29,714	25,991	445	1,464	1,346	29	184	139	116
1929	31,623	27,953	420	1,363	1,424	30	184	138	111
1930	34,055	30,285	438	1,233	1,601	32	194	154	118
1931	35,370	31,498	431	1,241	1,696	37	194	154	119
1932	35,991	32,033	388	1,216	1,828	38	194	155	139
1933	36,243	32,163	458	1,198	1,879	38	194	172	141
1934	35,791	31,547	449	1,224	1,963	38	250	182	138
1935	36,074	31,820	449	1,190	2,001	38	262	175	139
1936	36,565	31,787	447	1,036	2,164	407	396	184	144
1937	37,134	31,958	494	1,020	2,477	407	425	207	146
1938	39,042	33,246	559	991	2,631	572	584	310	149
1939	40,318	33,908	559	896	2,807	768	883	333	164
1940	41,639	34,399	603	499	2,977	795	1,149	434	783

[1] For statistics on power equipment and energy consumed in manufacturing industries, see table 865, p. 849.

Source of tables 469 and 470: Federal Power Commission; Electric Power Statistics, 1920–40, and Production of Electric Energy and Capacity of Generating Plants, 1940.

No. 471.—Electric Energy—Production, by Class of Ownership: 1920 to 1940

Note.—In millions of kilowatt-hours. See headnote, table 469.

Year	Total all classes of ownership	Privately owned			Publicly owned				
		Electric utilities	Mining and manufacturing [1]	Railways and railroads	Municipal electric utilities	Federal		Cooperatives, power districts, State projects	Noncentral stations
						Bureau of Reclamation	Other		
1920	43,334	37,716	176	3,754	1,373	58	--------	94	163
1921	40,886	35,456	161	3,545	1,422	53	--------	88	161
1922	47,521	41,660	216	3,672	1,637	56	--------	103	177
1923	55,555	49,044	321	4,005	1,852	63	--------	90	180
1924	58,887	52,315	395	3,830	1,940	57	--------	161	189
1925	65,751	58,685	485	3,815	2,302	59	44	172	189
1926	73,689	65,480	577	3,759	2,832	79	439	335	188
1927	79,365	70,920	724	3,223	3,051	104	564	536	243
1928	86,558	78,207	735	3,029	3,245	134	222	612	374
1929	95,925	87,514	780	2,965	3,497	128	172	451	418
1930	94,652	86,109	790	2,750	3,604	147	318	518	416
1931	90,729	82,596	789	2,590	3,435	142	355	421	401
1932	82,377	74,488	596	2,388	3,517	150	295	572	371
1933	84,736	76,668	740	2,256	3,583	168	290	654	377
1934	90,806	82,079	1,193	2,355	3,834	152	205	565	423
1935	98,464	89,330	830	2,346	4,229	156	399	732	442
1936	112,181	102,293	667	2,198	4,705	284	789	801	444
1937	121,837	110,464	784	2,140	5,270	1,326	517	863	473
1938	116,681	104,090	857	2,012	5,237	1,700	1,329	994	462
1939	130,336	115,078	851	1,843	5,688	2,692	2,784	944	456
1940	144,985	125,411	908	1,323	6,188	3,294	5,290	1,176	1,395

[1] For statistics on power equipment and energy consumed in manufacturing industries, see table 865, p. 849.

Source: Federal Power Commission, Electric Power Statistics, 1920-40, and Production of Electric Energy and Capacity of Generating Plants, 1940.

No. 472.—Consumption of Fuel for Production of Electric Energy: 1920 to 1940

Note.—See headnote, table 469.

Calendar year	Consumption of fuel			Consumption of coal and coal equivalent of other fuels (thousand tons [1] [3])	Output by fuels (million kilowatt-hours [4])	Consumption per kilowatt hour (pounds)
	Coal (thousand tons [1])	Fuel oil (thousand barrels [2])	Gas (million cubic feet)			
1920	42,938	10,466	21,861	46,154	27,228	3.39
1921	31,575	12,046	23,716	34,916	25,864	2.70
1922	34,171	13,224	27,181	37,770	30,216	2.50
1923	38,966	14,681	31,486	43,306	36,088	2.40
1924	37,563	16,643	48,465	42,687	38,806	2.20
1925	40,217	10,264	46,526	45,431	43,268	2.10
1926	41,329	9,430	53,694	46,107	47,289	1.95
1927	41,887	6,784	62,922	46,001	50,001	1.84
1928	41,390	7,154	77,426	46,471	52,808	1.76
1929	44,934	10,185	112,621	52,639	62,295	1.69
1930	42,910	9,263	120,297	50,636	62,513	1.62
1931	38,714	8,129	139,274	47,113	60,791	1.55
1932	30,296	7,967	107,840	36,698	48,931	1.50
1933	30,575	9,953	102,726	37,151	50,546	1.47
1934	33,561	10,391	127,892	41,832	56,914	1.47
1935	34,807	11,393	125,239	43,198	59,176	1.46
1936	42,025	14,119	156,080	51,987	72,188	1.44
1937	44,766	14,143	171,268	55,142	76,883	1.43
1938	40,212	13,077	170,688	50,555	71,525	1.41
1939	46,223	17,423	191,131	59,514	[5] 85,800	1.39
1940	53,398	16,772	183,157	65,136	96,609	1.35

[1] Of 2,000 pounds. [2] Of 42 gallons. [3] Includes fuel used for stand-by purposes.
[4] Output by use of wood not included. [5] Output by use of waste not included.

Source: Federal Power Commission; Electric Power Statistics, 1920-40, and Consumption of Fuel for Production of Electric Energy. 1940.

No. 473.—Generating Plants—Installed Capacity, by Type of Prime Mover and by Class of Ownership, by States: 1940

Note.—In thousands of kilowatts. See headnote, table 469.

Division and state	Total	Type of prime mover			Class of ownership					
					Privately owned			Publicly owned		
		Hydro	Steam	Internal combustion	Total	Electric utilities	Other	Total	Municipal electric utilities	Other
United States	41,639	[1] 11,675	29,019	945	35,501	34,399	1,102	6,138	2,977	3,162
New England	3,064	876	2,171	16	2,973	2,694	279	90	77	13
Maine	289	216	70	2	286	283	4	3	2	1
New Hampshire	317	235	81	1	316	315	(2)	1	1	-------
Vermont	179	167	11	(2)	170	162	8	9	9	(2)
Massachusetts	1,357	164	1,184	9	1,300	1,096	204	57	52	4
Rhode Island	240	3	237	(2)	233	233	-------	8	-------	8
Connecticut	683	90	588	4	670	606	64	12	12	-------
Middle Atlantic	9,878	1,597	8,247	34	9,118	9,091	26	761	131	629
New York	5,573	1,165	4,386	22	4,873	4,866	7	700	74	626
New Jersey	1,229	7	1,219	3	1,216	1,204	11	14	11	3
Pennsylvania	3,076	425	2,642	9	3,029	3,021	8	47	47	(2)
East North Central	9,489	716	8,663	110	8,629	8,566	63	860	723	137
Ohio	2,503	13	2,477	14	2,294	2,269	25	209	208	1
Indiana	1,289	35	1,227	27	1,091	1,077	15	198	197	1
Illinois	2,624	50	2,554	20	2,500	2,494	6	124	90	33
Michigan	2,072	348	1,693	32	1,794	1,792	2	278	181	97
Wisconsin	1,000	271	712	17	949	933	16	51	47	6
West North Central	3,317	539	2,458	319	2,641	2,520	121	675	581	94
Minnesota	696	157	506	33	584	478	106	112	112	-------
Iowa	707	127	506	74	605	592	13	102	98	4
Missouri	843	158	634	50	753	753	-------	90	90	-------
North Dakota	93	-------	85	8	85	85	-------	8	8	-------
South Dakota	87	4	53	30	67	67	-------	19	19	(2)
Nebraska	367	86	228	52	198	197	(2)	169	79	90
Kansas	524	7	446	72	349	347	2	175	175	-------
South Atlantic	5,171	2,140	2,953	78	4,778	4,434	344	393	258	135
Delaware	37	-------	33	4	28	28	-------	9	9	-------
Maryland	684	271	404	9	666	665	2	18	17	1
Dist. of Columbia	307	2	305	-------	305	305	-------	2	-------	2
Virginia	630	183	436	10	591	545	46	38	27	11
West Virginia	733	101	627	5	733	696	37	(2)	(2)	(2)
North Carolina	1,196	708	480	8	1,080	828	252	115	53	62
South Carolina	656	516	138	3	632	627	5	25	3	22
Georgia	486	344	140	2	443	443	1	43	10	33
Florida	441	14	390	36	299	299	1	141	138	4
East South Central	2,144	1,366	753	25	1,153	1,019	134	991	69	922
Kentucky	370	111	256	3	344	344	(2)	26	24	2
Tennessee	705	511	192	2	156	35	122	549	18	531
Alabama	1,005	743	256	5	620	608	12	385	2	383
Mississippi	64	-------	49	15	33	32	1	31	25	6
West South Central	2,105	153	1,746	206	1,865	1,855	10	240	184	56
Arkansas	158	67	73	18	134	133	2	24	24	-------
Louisiana	417	-------	375	42	377	375	2	40	40	-------
Oklahoma	368	2	315	51	317	316	1	51	51	-------
Texas	1,162	85	983	94	1,036	1,031	6	125	70	56
Mountain	2,217	1,612	506	99	1,256	1,190	66	961	69	892
Montana	336	322	12	3	336	336	(2)	(2)	(2)	(2)
Idaho	263	259	1	3	233	233	(2)	29	10	20
Wyoming	88	50	34	4	38	33	5	50	2	48
Colorado	289	66	210	13	250	221	29	39	38	1
New Mexico	138	25	93	19	109	109	-------	28	4	25
Arizona	431	293	94	44	131	102	29	300	(2)	300
Utah	163	93	60	10	146	146	-------	17	15	2
Nevada	509	504	3	3	12	10	3	497	(2)	497
Pacific	4,253	[1] 2,675	1,522	56	3,087	3,029	58	1,166	884	282
Washington	1,018	800	216	2	550	534	17	468	416	52
Oregon	518	334	179	5	355	349	6	163	22	141
California	2,717	[1] 1,541	1,127	49	2,182	2,146	35	535	446	89

[1] Includes a reduction of approximately 131,000 kilowatts caused by rerating equipment from a KVA to a KW basis.
[2] Less than 500.

Source: Federal Power Commission; Electric Power Statistics, 1920-40, and Production of Electric Energy and Capacity of Generating Plants, 1940.

No. 474.—Electric Energy—Production, by Type of Prime Mover and by Class of Ownership, by States: 1940

Note.—In millions of kilowatt-hours. See headnote, table 469.

Division and state	Total	Type of prime mover			Class of ownership					
					Privately owned			Publicly owned		
		Hydro	Steam	Internal combustion	Total	Electric utilities	Other	Total	Municipal electric utilities	Other
United States	144,965	47,753	[1] 95,675	1,557	127,642	125,411	2,231	17,342	6,188	11,154
New England	8,968	2,773	6,168	27	8,770	8,358	412	198	168	30
Maine	933	865	66	2	922	912	9	11	8	3
New Hampshire	737	576	159	2	734	733	(2)	4	4	------
Vermont	562	560	[1] 1	(2)	539	519	20	23	22	(2)
Massachusetts	3,658	509	3,128	21	3,535	3,296	240	123	113	9
Rhode Island	835	8	826	(2)	817	817	(2)	18	------	18
Connecticut	2,244	254	1,988	2	2,223	2,081	142	21	21	------
Middle Atlantic	36,383	7,721	28,599	63	35,100	34,493	607	1,283	269	1,015
New York	18,994	6,030	[1] 12,922	42	17,833	17,293	540	1,161	158	1,002
New Jersey	4,847	39	4,802	6	4,812	4,771	41	35	23	12
Pennsylvania	12,543	1,653	10,876	14	12,455	12,429	26	88	87	1
East North Central	33,612	2,858	30,548	207	31,689	31,461	228	1,923	1,547	376
Ohio	9,255	26	9,206	23	8,739	8,632	107	515	514	2
Indiana	4,883	89	4,732	62	4,483	4,446	37	400	398	3
Illinois	9,341	200	9,107	35	9,058	9,038	20	283	180	103
Michigan	6,955	1,361	5,545	49	6,371	6,367	4	584	330	254
Wisconsin	3,178	1,182	[1] 1,958	38	3,038	2,978	60	140	126	14
West North Central	8,481	1,694	6,222	565	7,280	7,073	207	1,201	1,063	138
Minnesota	1,956	570	[1] 1,323	64	1,751	1,579	173	205	205	------
Iowa	2,207	757	1,308	142	2,035	2,005	30	172	161	11
Missouri	1,605	195	[1] 1,321	89	1,444	1,444	------	161	161	------
North Dakota	244	------	234	10	230	230	------	14	14	------
South Dakota	177	9	115	54	134	134	------	43	43	(2)
Nebraska	892	149	652	91	645	644	(2)	247	121	127
Kansas	1,399	15	1,270	115	1,041	1,037	4	358	358	------
South Atlantic	17,618	5,752	11,750	115	16,853	16,423	430	765	484	281
Delaware	18	------	12	6	3	3	------	15	15	------
Maryland	2,593	1,251	1,332	10	2,567	2,561	6	27	25	1
Dist. of Columbia	1,162	12	1,150	------	1,150	1,150	------	12	------	12
Virginia	2,459	590	1,849	20	2,372	2,231	141	87	55	32
West Virginia	3,754	462	3,291	1	3,753	3,670	83	1	(2)	(2)
North Carolina	3,237	1,357	1,866	14	2,981	2,803	179	256	99	157
South Carolina	1,464	997	461	7	1,444	1,427	16	21	3	17
Georgia	1,613	1,056	554	3	1,545	1,544	1	68	16	53
Florida	1,316	27	[1] 1,235	55	1,038	1,035	3	279	270	9
East South Central	8,472	6,058	2,392	21	3,635	3,587	48	4,836	121	4,715
Kentucky	1,029	381	646	3	984	984	(2)	45	44	1
Tennessee	2,453	1,757	[1] 693	2	75	71	4	2,378	31	2,347
Alabama	4,923	3,920	998	5	2,549	2,508	42	2,373	6	2,367
Mississippi	67	------	[1] 56	11	26	24	2	40	40	(2)
West South Central	7,434	319	6,806	308	6,883	6,856	27	551	392	159
Arkansas	222	79	[1] 117	25	186	181	5	36	36	------
Louisiana	2,035	------	[1] 1,951	84	1,946	1,942	4	90	90	------
Oklahoma	1,186	1	[1] 1,098	87	1,083	1,080	4	103	103	------
Texas	3,990	238	3,640	112	3,668	3,654	14	322	164	159
Mountain	8,544	6,770	1,572	202	4,896	4,726	170	3,648	162	3,486
Montana	1,769	1,737	[1] 26	7	1,768	1,766	2	2	(2)	1
Idaho	1,175	1,174	[1] 1	1	1,031	1,030	1	144	32	112
Wyoming	185	98	[1] 82	5	89	75	14	96	5	91
Colorado	792	218	554	20	707	668	39	85	78	7
New Mexico	317	4	[1] 283	29	305	305	------	12	9	3
Arizona	1,404	977	[1] 302	125	387	286	101	1,017	(2)	1,017
Utah	578	256	309	12	532	532	------	46	38	7
Nevada	2,324	2,307	14	3	78	64	14	2,246	(2)	2,246
Pacific	15,473	13,808	1,618	49	12,536	12,433	103	2,937	1,982	955
Washington	3,944	3,683	[1] 260	1	2,794	2,770	24	1,150	1,046	104
Oregon	1,740	1,344	[1] 389	7	1,280	1,258	21	460	74	386
California	9,789	8,781	[1] 967	41	8,462	8,404	58	1,326	862	465

[1] Includes 623,000,000 kilowatt-hours produced by use of wood (Wisconsin, wood and waste) for fuel in the 19 States noted.
[2] Less than 500,000.

Source: Federal Power Commission; Electric Power Statistics, 1920-40, and Production of Electric Energy and Capacity of Generating Plants, 1940.

No. 475.—Electric Light and Power Industry—Summary: 1902 to 1937

Note.—Figures cover all establishments engaged either in the generation and distribution of electric energy, or the distribution or transmission of electric energy, to public or private consumers. Statistics do not include establishments which consume all current generated, such as manufacturing and mining companies, railroads, railways, hotels, and other enterprises not in the nature of public utilities, unless a portion of their generated output is sold commercially. Plants operated by the Federal Government or by States were not included unless energy was sold commercially. For classification of reporting sources for 1937, see table 476.

	1902	1912	1917	1922	1927	1932	1937
Number of reporting establishments,[1] total	3,620	5,221	6,542	6,355	4,335	3,429	3,501
Generating all or part of current	(2)	4,646	5,124	4,389	2,331	1,788	1,812
Distributing or transmitting only	(2)	575	1,418	1,966	2,004	1,641	1,689
Number of separate generating stations	(2)	(2)	5,952	5,444	4,801	4,339	[3] 4,027
Prime movers, hp. (thousands)	1,845	7,530	12,937	19,851	35,710	47,967	50,220
Steam engines	1,394	1,895	1,702	1,371	994	649	712
Steam turbines		3,054	6,747	12,355	24,323	32,904	33,177
Internal-combustion engines	12	111	210	303	548	881	1,101
Hydroturbines and water wheels	439	2,469	4,277	5,822	9,844	13,532	15,230
Generators, by type of prime mover, rated kilowatt capacity (thousands)	1,212	5,165	8,994	14,313	25,811	34,623	36,481
Steam engines	(2)	(2)	6,209	9,963	697	453	521
Steam turbines	(2)	(2)			17,848	24,033	24,600
Internal-combustion engines	(2)	(2)			417	598	762
Hydroturbines and water wheels	(2)	(2)	2,786	4,351	6,850	9,540	10,598
Output,[4] kilowatt-hours (millions)	-------	14,183	31,044	50,274	96,829	111,716	168,300
Reported as generated	2,507	11,569	25,438	40,292	74,686	79,657	121,097
By steam	(2)	(2)	(2)	(2)	45,391	45,375	74,230
By internal-combustion	(2)	(2)	(2)	(2)	577	715	1,089
By water	(2)	(2)	(2)	(2)	28,718	33,567	45,779
Reported as purchased or received from other sources	(2)	2,614	5,606	9,983	22,142	32,058	47,202
Number of customers (thousands)	(2)	3,838	7,179	12,710	21,790	23,862	27,219
Ultimate consumers	(2)	(2)	(2)	(2)	21,786	23,858	27,216
Resale	(2)	(2)	(2)	(2)	4	3	3
Revenue from elec. service ($1,000)	[5] 84,187	[5] 287,139	[5] 502,060	[5] 1,020,439	1,802,655	1,075,304	2,356,513
Ultimate consumers	(2)	255,961	444,535	945,428	1,667,046	1,821,106	2,177,617
Resale	(2)	31,177	57,525	75,011	135,610	154,198	178,896
Kilowatt-hours sold (millions)	(2)	(2)	25,752	41,965	79,011	88,265	132,930
Ultimate consumers	(2)	(2)	18,287	32,948	63,612	65,896	103,070
Resale	(2)	(2)	7,465	9,017	15,399	22,369	29,859
Kilowatt-hours distributed for other purposes (nonrevenue) (millions)	(2)	(2)	(2)	(2)	17,817	23,451	35,370
Not reported sold	(2)	(2)	(2)	(2)	5,342	9,759	17,456
Energy lost in transmission, distribution, conversion, etc.	(2)	(2)	(2)	7,135	12,476	13,692	17,914
Percent loss (based on total output)	(2)	(2)	(2)	14.2	12.9	12.3	10.6
Employees, number	30,326	79,335	105,541	150,702	251,020	244,573	[6] 281,335
Salaries and wages ($1,000)	20,647	61,162	95,242	212,433	[7] 367,632	[8] 323,880	470,353
Operating expenses (includes cost of fuel, purchased and interchanged power, maintenance and other operating expenses) ($1,000)	(2)	(2)	(2)	553,068	[7] 750,484	803,100	1,042,193
Value of electric utility plant (millions of dollars)	505	2,176	3,060	4,465	[9] 9,297	12,664	12,941
Fuel used for electric generation: [10]							
Coal, anthracite (1,000 short tons)	(2)	(2)	2,442	1,835	2,002	1,559	2,024
Coal, bituminous (1,000 short tons)	(2)	(2)	19,385	24,492	35,681	25,998	40,469
Coke (1,000 short tons)	(2)	(2)	63	37	32	153	88
Fuel oil (1,000 bbls. of 42 gals.)	(2)	(2)	6,158	11,856	7,146	7,868	13,896
Gasoline (1,000 bbls. of 42 gals.)	(2)	(2)					3
Gas, manufactured (1,000,000 cubic feet)	(2)	(2)	14,190	20,174	6,161	1,936	4,878
Gas, natural (1,000,000 cubic feet)	(2)	(2)			59,362	96,365	159,463

[1] The term "establishment" as here used may represent a single electric station (either generating or distributing or both) or a number of such stations operated under the same ownership. [2] Not available.

[3] Comprises 1,112 stations operated by steam; 1,283 by internal-combustion; 1,426 by water; and 206 composite (stations having more than 1 type of prime mover).

[4] Comprises generated output and energy purchased and received from other sources. Since the energy "Received from other sources" was, in a large part, purchased from other electric light and power companies, a considerable duplication is involved, as such energy would also be included in the "Generated."

[5] Includes "Estimated value of free service." [6] Number on June 30.

[7] Reported by commercial establishments only. No data for municipal establishments.

[8] Not comparable with figures for other years since amount includes only salaries and wages chargeable to electric operating service.

[9] Includes value of plant and equipment, $902,000,000, owned by companies engaged in the operation of electric light and power plants and other public utilities, not distributed among the several utilities.

[10] In addition, hogged fuel, sawmill, and other waste were reported.

Source: Department of Commerce, Bureau of the Census; Census of Electrical Industries, report on Electric Light and Power Industry.

No. 476.—Electric Light and Power Industry—Generating Facilities, Energy Generated, and Fuel Consumed, by Reporting Sources: 1937

Note.—The system of classification by reporting sources, as shown in this table, is a new one recently adopted by the Bureau of the Census in collaboration with the Federal Power Commission. This classification differs slightly from that employed by the Federal Power Commission. (See headnote, table 469.) The differences in the figures are due mainly (1) to the inclusion in the census survey of data for certain small concerns not canvassed by the Federal Power Commission, and (2) to the inclusion in the Federal Power Commission survey of data for a larger proportion of the energy output of certain concerns grouped under "Other sources" than is accounted for in the census survey.

	All sources	Privately owned electric utilities	Municipally owned electric utilities	Cooperatives, power districts, etc.	Federal and State	Other sources[1]
Number of reporting establishments, companies or systems	3,501	1,340	1,880	181	25	95
Number generating all or part of current	1,812	818	885	16	18	75
Number reporting distribution or transmission only	1,689	522	975	165	7	20
Number of generating stations	4,027	2,916	963	27	28	93
Steam	1,112	813	257	2	5	35
Internal-combustion	1,283	748	523	4	2	6
Water	1,426	1,226	120	21	21	38
Composite [2]	206	129	63	----------	----------	14
Generators by type of prime mover:						
Total number	10,721	7,543	2,753	66	72	287
Total kilowatt capacity (thousands)	36,481	32,193	2,499	147	859	783
Steam engines:						
Number	861	528	292	[3] 1	2	38
Kilowatt capacity (thousands)	521	417	91	2	(4)	11
Steam turbines:						
Number	2,725	2,060	562	[3] 1	8	94
Kilowatt capacity (thousands)	24,600	22,824	1,401	1	65	308
Internal-combustion:						
Number	3,490	1,835	1,622	8	4	21
Kilowatt capacity (thousands)	762	381	374	2	2	3
Hydroturbines and water wheels:						
Number	3,645	3,120	277	56	58	134
Kilowatt capacity (thousands)	10,598	8,570	634	142	791	460
Generated output (millions of kilowatt-hours)	121,097	109,920	5,254	766	1,954	3,204
By steam	74,230	70,716	2,675	----------	(5)	838
By internal-combustion	1,089	396	678	6	3	5
By water power	45,779	38,807	1,900	760	1,951	2,361
Fuel used for electric generation: [6]						
Coal, anthracite (thousands of tons of 2,000 pounds)	2,024	1,930	93	----------	----------	1
Coal, bituminous (thousands of tons of 2,000 pounds)	40,469	37,816	2,128	----------	1	524
Coke (thousands of tons of 2,000 pounds)	88	85	4	----------	----------	----------
Fuel oil (thousands of barrels of 42 gallons)	[7] 13,899	11,275	2,590	13	7	14
Gas, natural (1,000,000 cubic feet)	159,453	146,823	12,630	----------	----------	----------

[1] Includes statistics for privately owned concerns (manufacturing and mining companies, railways, and railroads) and publicly owned ones (United States national parks, State colleges, and certain municipal plants).
[2] Stations having more than 1 type of prime mover.
[3] Reported as idle equipment.
[4] Less than 500.
[5] Less than 500,000.
[6] In addition, the following kinds of fuel were used in electric generation: Manufactured gas, hogged fuel, and sawmill, and other waste.
[7] Includes 3,000 barrels of gasoline.

Source: Department of Commerce, Bureau of the Census; Census of Electrical Industries, report on Electric Light and Power Industry.

No. 477.—Sales of Electric Energy—Number of Customers, Energy Sold, and Revenue From Electric Service: 1937

Class of service	Number of customers	Energy sold		Revenue from electric service		
		Kilowatt-hours (millions)	Average kilowatt-hours per customer	Amount (thousands of dollars)	Average per customer (dollars)	Average per kilowatt-hour (cents)
Total sales	27,219,362	132,930	4,884	2,356,513	87	1.8
Sales to ultimate consumers, total	27,216,336	103,070	3,787	2,177,617	80	2.1
Residential or domestic sales:						
Farm	615,136	667	1,084	24,830	40	3.7
Nonfarm	21,589,895	16,815	779	726,363	34	4.3
Rural—distinct rural rates only:						
Farm	538,283	981	1,822	31,140	58	3.2
Nonfarm	169,382	306	1,809	10,464	62	3.4
Commercial and industrial sales:						
Farm	61,984	1,024	16,513	15,197	245	1.5
Nonfarm	4,144,195	69,911	16,870	1,189,869	287	1.7
Public street and highway lighting	23,182	2,036	87,812	73,859	3,186	3.6
Other sales to public authorities	69,458	2,416	34,780	37,269	537	1.5

No. 477.—Sales of Electric Energy—Number of Customers, Energy Sold, and Revenue From Electric Service: 1937—Continued

Class of service	Number of customers	Energy sold: Kilowatt-hours (millions)	Energy sold: Average kilowatt-hours per customer	Revenue from electric service: Amount (thousands of dollars)	Revenue from electric service: Average per customer (dollars)	Revenue from electric service: Average per kilowatt-hour (cents)
Sales to ultimate consumers—Con.						
Sales to railroads and railways:						
Street and interurban railways	374	4,888	13,069,273	42,473	113,564	0.9
Electrified steam-railroad divisions	102	1,558	15,279,160	14,043	137,677	.9
Interdepartmental	1,627	2,272	1,396,501	10,194	6,265	.4
Other sales to ultimate consumers	2,718	197	72,357	1,917	705	1.0
Sales for resale, total	3,026	29,859	9,867,519	178,896	59,120	.6
Sales to other electric utilities:						
Municipal distribution systems	1,110	2,447	2,204,443	18,326	16,510	.7
Mutual or cooperative undertakings	196	71	361,660	479	2,443	.7
Other electric companies	1,675	27,282	16,287,780	159,665	95,322	.6
Other sales for resale	45	59	1,316,967	426	9,466	.7

No. 478.—Sales to Ultimate Consumers—Number of Customers, Energy Sold, and Revenue From Electric Service, by Class of Service, Privately Owned and Municipally Owned Electric Utilities: 1937

Class of service	Total	Privately owned electric utilities	Municipally owned electric utilities	Total	Privately owned electric utilities	Municipally owned electric utilities
	Number of customers			Energy sold (thousands of kilowatt-hours)		
Total	27,089,682	24,432,724	2,656,958	99,198,413	93,524,014	5,674,399
Residential or domestic sales:						
Farm	588,292	556,244	32,048	628,036	603,286	24,751
Nonfarm	21,540,429	19,365,677	2,174,752	16,769,276	14,921,016	1,848,260
Rural—distinct rural rates only:						
Farm	505,069	478,011	27,058	959,318	938,650	20,668
Nonfarm	168,086	155,586	12,500	302,557	287,311	15,246
Commercial and industrial sales:						
Farm	60,529	59,127	1,402	936,575	923,616	12,959
Nonfarm	4,130,812	3,731,207	399,605	68,724,014	65,609,765	3,114,249
Public street and highway lighting	23,033	20,736	2,297	1,853,000	1,582,911	270,089
Other sales to public authorities	69,262	63,700	5,562	2,370,686	2,202,021	168,665
Sales to railroads and railways:						
Street and interurban railways	469	324	71	6,185,718	4,748,354	44,848
Electrified steam-railroad divisions		74			1,392,515	
Interdepartmental	1,410	205	1,205	336,381	194,767	141,615
Other sales to ultimate consumers	2,291	1,833	458	132,851	119,800	13,050
	Revenue from electric service (thousands of dollars)			Revenue per kilowatt-hour (cents)		
Total	2,156,478	2,006,933	149,545	2.2	2.1	2.6
Residential or domestic sales:						
Farm	23,826	22,736	1,090	3.8	3.8	4.4
Nonfarm	724,858	654,787	70,071	4.3	4.4	3.8
Rural—distinct rural rates only:						
Farm	30,299	29,274	1,025	3.2	3.1	5.0
Nonfarm	10,375	9,698	677	3.4	3.4	4.4
Commercial and industrial sales:						
Farm	14,366	14,096	269	1.5	1.5	2.1
Nonfarm	1,184,380	1,120,173	64,207	1.7	1.7	2.1
Public street and highway lighting	72,511	65,537	6,974	3.9	4.1	2.6
Other sales to public authorities	36,991	34,260	2,731	1.6	1.6	1.6
Sales to railroads and railways:						
Street and interurban railways	53,576	40,915	513	.9	.9	1.1
Electrified steam-railroad divisions		12,148			.9	
Interdepartmental	3,956	2,127	1,829	1.2	1.1	1.3
Other sales to ultimate consumers	1,340	1,183	157	1.0	1.0	1.2

Source of tables 477 and 478: Department of Commerce, Bureau of the Census; Census of Electrical Industries, report on Electric Light and Power Industry.

No. 479.—Generator Capacity and Energy Generated, All Plants, and Energy Generated, Privately Owned and Municipally Owned Electric Utilities, by States: 1937

Division and State	Rated generator capacity (thousands of kilowatts)				Energy generated (millions of kilowatt-hours)				
	Total		Fuel	Hydro	Total		Privately owned and municipally owned		
							Total	Privately owned	Municipally owned
	1932	1937	1937	1937	1932	1937	1937	1937	1937
United States	**34,623**	**36,481**	**25,883**	**10,598**	**79,657**	**121,097**	**115,173**	**109,920**	**5,254**
New England	2,639	2,753	1,836	917	5,330	7,577	7,337	7,202	135
Maine	265	260	57	202	762	1,033	847	845	2
New Hampshire	283	299	62	237	681	760	760	757	3
Vermont and Rhode Island [1]	432	405	239	165	811	1,293	1,264	1,245	20
Massachusetts	1,156	1,210	992	218	2,158	2,852	2,828	2,735	92
Connecticut	503	579	485	94	918	1,639	1,638	1,621	18
Middle Atlantic	8,271	8,838	7,328	1,510	20,341	29,776	29,354	29,142	213
New York	4,578	4,837	3,723	1,114	10,977	15,583	15,238	15,108	129
New Jersey	1,002	1,067	1,064	2	2,991	3,708	3,681	3,664	17
Pennsylvania	2,631	2,934	2,540	394	6,374	10,486	10,436	10,369	67
East North Central	8,247	8,289	7,594	695	18,108	28,592	28,138	26,946	1,192
Ohio	2,146	2,179	2,167	12	4,869	8,070	8,070	7,644	426
Indiana	988	1,038	1,003	35	2,423	3,737	3,736	3,449	287
Illinois	2,606	2,397	2,350	47	5,447	8,060	7,863	7,740	123
Michigan	1,657	1,754	1,395	359	3,533	6,028	5,774	5,516	258
Wisconsin	850	920	679	241	1,835	2,697	2,696	2,597	99
West North Central	2,615	2,728	2,289	439	5,358	7,555	7,545	6,736	809
Minnesota	477	516	391	125	995	1,481	1,481	1,344	136
Iowa	600	608	475	133	1,483	1,887	1,879	1,761	118
Missouri	717	766	609	157	1,214	1,871	1,871	1,749	121
North Dakota	70	73	73	--------	140	201	201	191	9
South Dakota	67	77	72	5	87	145	145	110	34
Nebraska	252	270	257	12	562	704	703	601	103
Kansas	431	419	412	7	876	1,266	1,266	979	287
South Atlantic	4,291	4,448	2,432	2,016	9,459	15,080	13,655	13,284	371
Delaware, Maryland, and District of Columbia [1]	857	845	573	271	2,232	2,966	2,966	2,934	32
Virginia	409	439	342	97	962	1,639	1,610	1,563	47
West Virginia	530	639	538	101	1,442	2,834	2,829	2,829	(2)
North Carolina	1,005	992	340	653	1,651	3,216	1,875	1,805	70
South Carolina	643	676	138	538	1,295	1,752	1,723	1,716	7
Georgia	475	484	142	341	1,269	1,759	1,736	1,724	13
Florida	363	373	359	14	607	915	915	714	201
East South Central	1,480	1,858	756	1,102	2,994	5,585	4,594	4,492	102
Kentucky	340	343	238	105	682	895	892	858	34
Tennessee	426	526	208	318	1,050	1,841	1,266	1,241	25
Alabama	649	923	244	679	1,210	2,772	2,359	2,347	12
Mississippi	66	65	65	--------	52	78	78	46	32
West South Central	1,792	1,791	1,690	102	4,308	6,464	6,391	6,096	294
Arkansas	153	161	95	67	155	279	262	238	25
Louisiana	329	328	328	--------	1,172	1,731	1,688	1,622	66
Oklahoma	343	336	335	2	725	1,108	1,105	1,025	80
Texas	968	966	933	33	2,256	3,346	3,335	3,211	124
Mountain	1,157	1,663	501	1,162	2,347	5,782	4,001	3,870	122
Montana	318	278	12	266	636	1,319	1,318	1,317	1
Idaho	208	260	5	255	473	974	876	854	21
Wyoming	36	63	47	16	75	162	79	76	4
Colorado	221	228	163	65	437	682	676	615	61
Arizona and New Mexico [1]	223	306	177	128	413	904	493	489	4
Utah	137	160	69	92	276	520	515	484	31
Nevada	13	368	28	340	38	1,223	45	45	(2)
Pacific	4,129	4,113	1,457	2,657	11,415	14,686	14,158	12,142	2,016
Washington	883	1,006	205	801	2,545	3,693	3,665	2,855	810
Oregon	382	371	181	190	969	1,393	1,374	1,317	57
California	2,864	2,736	1,071	1,666	7,901	9,599	9,119	7,970	1,148

[1] Combined to avoid disclosing the operations of individual establishments.
[2] Less than 500,000.

Source: Department of Commerce, Bureau of the Census; Census of Electrical Industries, report on Electric Light and Power Industry.

No. 480.—Electric Light and Power Industry—Energy Generated, Sales, Revenue, and Customers: 1930 to 1940

Note.—Figures for energy generated were obtained by the Edison Electric Institute from the Federal Power Commission. Figures for sales, revenue, and customers for years prior to 1937 are not strictly comparable with those for 1937 and subsequent years due to a change in classification of sales.

	1930 [1]	1935 [1]	1937	1938	1939	1940
Energy generated...million kilowatt-hours	94, 652	98, 464	121, 837	116, 681	130, 336	144, 985
Sales to ultimate customers...do	74, 906	77, 596	99, 359	93, 731	105, 768	118, 643
Residential or domestic [2]	11, 018	13, 978	17, 691	19, 371	21, 084	23, 318
Rural (distinct rural rates) [3]	1, 473	1, 211	1, 670	1, 577	1, 881	1, 991
Commercial and industrial:						
Small light and power	13, 944	13, 588	18, 075	19, 137	20, 722	22, 373
Large light and power	40, 148	40, 865	51, 360	43, 140	51, 108	59, 557
All other	8, 323	7, 955	10, 563	10, 506	10, 972	11, 405
Revenue from ultimate customers 1,000 dollars	1, 990, 955	1, 911, 989	2, 160, 798	2, 156, 580	2, 289, 583	2, 440, 218
Residential or domestic [2]	664, 441	700, 358	759, 824	802, 532	843, 158	895, 951
Rural (distinct rural rates) [3]	24, 524	21, 572	37, 726	38, 928	45, 484	49, 473
Commercial and industrial:						
Small light and power	575, 598	519, 213	616, 438	632, 091	660, 683	689, 253
Large light and power	566, 468	531, 107	583, 197	518, 694	572, 659	631, 428
All other	159, 924	139, 739	163, 612	164, 334	167, 598	174, 112
Ultimate customers, Dec. 31...thousands	24, 556	25, 313	27, 262	28, 064	29, 105	30, 191
Residential or domestic [2]	20, 332	21, 019	22, 372	23, 112	23, 965	24, 952
Rural (distinct rural rates) [3]	199	216	519	526	634	686
Commercial and industrial:						
Small light and power	3, 626	3, 711	4, 072	4, 127	4, 215	4, 260
Large light and power	347	305	197	192	184	178
All other	53	62	102	107	106	115

[1] See headnote.
[2] Prior to 1937 covers residential and eastern farms.
[3] Prior to 1937 covers western farms.

Source: Edison Electric Institute, New York, N. Y.; annual statistical bulletin.

No. 481.—Average Typical Bills for Specified Quantities of Electric Energy in Cities of 50,000 Population or More: 1924 to 1941

Note.—The 25, 100, and 250 kilowatt-hour consumptions were chosen to represent the typical usage, respectively, of residential consumers who use electricity for lighting and the operation of small appliances only; for lighting, small appliances, and refrigeration; and for lighting, small appliances, refrigeration, and cooking.

Date	Average bill in dollars for—			Average bill in cents per kilowatt-hour for—			Index of average bill (Jan. 1, 1935=100) for—		
	25 kw.-hrs.	100 kw.-hrs.	250 kw.-hrs.	25 kw.-hrs.	100 kw.-hrs.	250 kw.-hrs.	25 kw.-hrs.	100 kw.-hrs.	250 kw.-hrs.
Oct. 1, 1924	1.92	6.18	13.36	7.7	6.2	5.3	122.3	138.9	149.1
Oct. 1, 1925	1.88	6.00	12.95	7.5	6.0	5.2	119.7	134.8	144.5
Oct. 1, 1926	1.86	5.85	12.57	7.4	5.9	5.0	118.5	131.5	140.3
Oct. 1, 1927	1.81	5.58	11.94	7.2	5.6	4.8	115.3	125.4	133.3
Oct. 1, 1928	1.67	5.34	11.25	7.0	5.3	4.5	112.1	120.0	125.6
Oct. 1, 1929	1.73	5.13	10.69	6.9	5.1	4.3	110.2	115.3	119.3
Oct. 1, 1930	1.70	4.98	10.38	6.8	5.0	4.2	108.3	111.9	115.8
Oct. 1, 1931	1.69	4.72	9.58	6.8	4.7	3.8	107.6	106.1	106.9
Oct. 1, 1932	1.67	4.65	9.42	6.7	4.7	3.8	106.4	104.5	105.1
Oct. 1, 1933	1.63	4.58	9.26	6.5	4.6	3.7	103.8	102.9	103.3
Oct. 1, 1934	1.58	4.47	8.98	6.3	4.5	3.6	100.6	100.4	100.2
Jan. 1, 1935 [1]	1.57	4.45	8.96	6.3	4.5	3.6	100.0	100.0	100.0
Jan. 1, 1935 [2]	1.60	4.47	8.00	6.3	4.5	3.6	100.0	100.0	100.0
Jan. 1, 1936	1.53	4.21	7.85	6.1	4.2	3.1	95.6	94.2	88.2
Jan. 1, 1937	1.45	4.10	7.51	5.8	4.1	3.0	90.6	91.7	84.4
Jan. 1, 1938	1.43	4.03	7.34	5.7	4.0	2.9	89.4	90.2	82.5
Jan. 1, 1939	1.40	3.96	7.21	5.6	4.0	2.9	87.5	88.6	81.0
Jan. 1, 1940	1.36	3.88	7.05	5.4	3.9	2.8	85.0	86.8	79.2
Jan. 1, 1941	1.34	3.83	6.98	5.4	3.8	2.8	83.8	85.7	78.4

[1] Average bills for 1935 and prior years are for 150 cities of 50,000 population or more. The index numbers are adjusted to be comparable with subsequent years.
[2] Average bills for 1935 and subsequent years are for all cities of 50,000 population or more.

Source: Federal Power Commission, reports on rates.

No. 482.—Net Monthly Bill for Specified Quantities of Electric Energy, Based on Rates as of Dec. 15, 1939 and 1940, by Cities

[P=Private utility; M=Municipal plant; prices are based on average consumption for a 5-room house]

		Dec. 15, 1939			Dec. 15, 1940		
		Lighting and small energy-consuming appliances	Lighting, small appliances, and refrigerator	Lighting, small appliances, refrigerator, and range	Lighting and small energy-consuming appliances	Lighting, small appliances, and refrigerator	Lighting, small appliances, refrigerator, and range
		25 kw.-hrs.	100 kw.-hrs.	250 kw.-hrs.	25 kw.-hrs.	100 kw.-hrs.	250 kw.-hrs.
Atlanta:							
Immediate	P	$1.45	$3.95	$6.57	$1.45	$3.95	$6.57
Inducement[1]	P	1.22	3.50	6.12	1.22	3.50	6.12
Baltimore	P	1.06	3.78	7.68	1.06	3.78	7.68
Birmingham	P	.81	2.75	6.13	.81	2.75	6.13
Boston	P	1.55	5.10	9.60	1.55	4.90	9.40
Bridgeport	P	1.31	4.03	7.28	1.31	3.88	6.88
Buffalo	P	1.13	3.06	5.31	1.13	3.06	5.31
Butte	P	1.50	4.25	7.75	1.50	4.25	7.75
Charleston, S. C.	P	1.45	3.93	6.67	1.45	3.93	6.67
Chicago	P	1.34	3.65	6.65	1.34	3.65	6.65
Cincinnati	P	1.00	2.50	4.75	1.00	2.50	4.75
Cleveland	P	1.00	3.75	7.25	1.00	3.35	6.72
	M	.80	2.65	5.40	.80	2.65	5.40
Columbus	P	(2)	(2)	(2)	1.12	4.20	7.50
	M	1.00	3.80	8.30	.98	3.40	6.25
Dallas	P	1.06	3.91	7.51	1.06	3.92	7.54
Denver[3]	P	1.28	4.49	8.47	1.28	4.49	8.47
Detroit[4 5]	P	1.39	3.48	6.95	1.39	3.48	6.95
Fall River	P	1.58	4.98	9.13	1.50	4.90	9.05
Houston	P	1.01	3.58	6.83	1.01	3.59	6.86
Indianapolis	P	1.25	3.85	6.95	1.25	3.85	6.95
Jacksonville	M	1.50	4.60	7.60	1.50	4.60	7.60
Kansas City[3]	P	1.28	3.83	7.65	1.28	3.83	7.65
Little Rock[3]	P	1.51	4.18	8.26	1.51	4.18	8.26
Los Angeles	M	1.10	2.97	5.10	1.10	2.97	5.10
Louisville[4]	P	1.03	3.61	6.70	.90	3.09	6.18
Manchester	P	2.00	5.00	8.00	2.00	5.00	8.00
Memphis	M	.86	2.88	5.75	.86	2.88	5.75
Milwaukee	P	1.41	3.35	6.23	1.41	3.35	6.23
Minneapolis	P	1.19	3.56	6.65	1.19	3.56	6.65
Mobile	P	1.20	3.50	6.13	1.20	3.50	6.13
Newark	P	1.81	4.39	8.64	1.70	4.35	8.60
New Haven	P	1.31	4.03	7.28	1.31	3.88	6.88
New Orleans	P	1.50	4.40	8.10	1.50	4.40	8.10
New York:[4]							
Bronx	P	1.71	4.86	8.24	1.71	4.86	8.24
Brooklyn	P	1.71	4.86	8.24	1.71	4.86	8.24
Manhattan	P	1.71	4.86	8.24	1.71	4.86	8.24
Queens	P	1.71	4.86	8.24	1.71	4.86	8.24
	P	1.61	4.81	8.93	1.61	4.81	8.93
Richmond	P	1.75	5.05	8.14	1.53	4.11	7.20
Norfolk	P	1.25	4.25	7.50	1.25	4.25	7.50
Omaha	P	1.02	3.64	7.42	1.02	3.64	7.42
Peoria	P	1.25	3.34	6.09	1.25	3.12	5.75
Philadelphia	P	1.40	3.63	6.18	1.40	3.63	6.18
Pittsburgh	P	1.25	4.00	7.50	1.25	3.80	6.35
Portland, Maine	P	1.85	4.70	7.70	1.85	4.70	7.70
Portland, Oreg.[6]	P	1.25	3.37	6.07	.88	3.00	5.30
Providence	P	1.64	5.00	9.25	1.64	4.82	9.07
Richmond	P	1.25	4.25	7.50	1.25	4.25	7.50
Rochester	P	1.59	4.41	7.83	1.48	4.11	7.41
St. Louis[3 5]	P	1.21	3.20	6.35	1.21	3.20	6.35
	P	1.09	2.91	5.81	1.09	2.91	5.81
St. Paul	P	1.25	3.75	7.00	1.25	3.75	7.00
Salt Lake City[3]	P	1.38	3.83	7.14	1.38	3.83	7.14
San Francisco	P	1.23	2.99	5.79	1.15	2.92	5.42
Savannah	P	1.45	4.20	6.95	1.45	4.20	6.95
Scranton	P	1.25	3.85	7.10	1.25	3.85	7.10
Seattle	P	1.13	3.00	5.63	.88	2.95	5.20
	M	1.13	3.00	5.63	.88	2.95	5.20
Springfield, Ill.	P	1.25	3.02	5.22	1.25	3.02	5.22
	M	1.25	3.02	4.80	1.25	3.02	4.80
Washington, D. C.	P	.98	2.71	5.01	.98	2.61	4.94

[1] Rate designed to encourage greater use of electricity. [2] Data not available.
[3] Includes 2-percent sales tax. [4] Includes 3-percent sales tax. [5] Includes free lamp-renewal service.
[6] Reports from 2 companies with identical rates.

Source: Department of Labor, Bureau of Labor Statistics. Figures published in December Retail Prices.

No. 483.—Water Power, Developed and Potential: 1921 to 1941

Note.—**In thousands of horsepower.** Data for developed water power cover capacity of actual installation of water wheels and turbines in plants of 100 horsepower or more. Potential power figures are 1936 revised estimates showing the 24-hour horsepower available 90 percent of the time and 50 percent of the time at an over-all efficiency of 70 percent at all developed and undeveloped sites. Data for potential power are not directly comparable with those for developed power, because developed power is usually given in terms of the capacity of installed water wheels or turbines, which may be several times the potential power available 90 percent of the time. Probably with complete development of the water-power resources of the whole country the installed capacity would amount to 80,000,000 horsepower or more.

Division and state	Developed water power (capacity of actual installation)							Potential water power available—	
	November 1921	March 1925	January 1930	January 1935	January 1939	January 1940	January 1941	90 percent of the time	50 percent of the time
Continental U. S.	**7,927**	**10,048**	**13,808**	**16,075**	**17,949**	**18,500**	**18,868**	**42,753**	**57,184**
New England	**1,311**	**1,399**	**1,643**	**2,006**	**2,005**	**1,971**	**1,977**	**988**	**1,641**
Maine	450	477	541	616	603	612	637	524	806
New Hampshire	229	243	278	575	475	486	479	167	293
Vermont	130	168	260	192	287	270	268	115	193
Massachusetts	338	344	362	422	439	393	389	125	211
Rhode Island	30	30	30	29	28	28	25	5	13
Connecticut	134	136	172	173	173	182	179	52	125
Middle Atlantic	**1,479**	**1,958**	**2,113**	**2,465**	**2,426**	**2,432**	**2,467**	**4,895**	**6,242**
New York	1,292	1,714	1,805	1,885	1,847	1,850	1,844	4,296	5,184
New Jersey	17	19	18	17	16	17	16	32	60
Pennsylvania	170	226	291	563	563	565	607	567	998
East North Central	**739**	**885**	**1,075**	**1,189**	**1,224**	**1,219**	**1,221**	**869**	**1,640**
Ohio	29	30	30	23	26	25	25	31	77
Indiana	27	51	55	55	53	53	53	60	159
Illinois	85	87	95	88	89	93	94	214	497
Michigan	267	305	379	477	527	535	534	270	400
Wisconsin	331	413	517	546	529	513	515	294	507
West North Central	**444**	**515**	**551**	**750**	**833**	**870**	**870**	**1,172**	**1,884**
Minnesota	205	263	287	272	265	263	263	210	388
Iowa	173	177	181	183	179	207	207	96	232
Missouri	18	20	23	235	236	247	247	420	676
North Dakota	(1)	(1)	(1)	(1)	----	----	----	61	69
South Dakota	18	19	19	20	20	19	20	211	278
Nebraska	15	21	24	24	120	120	120	101	138
Kansas	15	14	16	16	13	13	13	73	103
South Atlantic	**1,082**	**1,594**	**2,657**	**3,173**	**3,271**	**3,407**	**3,493**	**2,936**	**4,058**
Delaware	3	3	1	1	1	1	1	2	5
Maryland	7	7	416	404	405	405	404	200	286
Dist. of Columbia	1	1	6	6	6	6	6		
Virginia	104	118	126	154	169	278	282	463	649
West Virginia	15	15	89	227	301	308	308	563	785
North Carolina	330	535	947	980	948	954	1,033	582	818
South Carolina	330	507	574	811	836	838	839	477	752
Georgia	286	400	473	569	583	595	598	622	729
Florida	7	9	25	20	22	22	22	27	34
East South Central	**241**	**392**	**1,169**	**1,303**	**1,717**	**1,885**	**1,991**	**2,620**	**3,761**
Kentucky	1	1	145	145	154	151	152	336	543
Tennessee	127	166	179	291	519	588	694	1,280	1,800
Alabama	113	224	845	867	1,044	1,145	1,145	880	1,280
Mississippi	----	----	----	----	----	----	----	124	138
West South Central	**16**	**31**	**49**	**150**	**197**	**198**	**218**	**764**	**967**
Arkansas	1	16	16	95	95	95	95	388	518
Louisiana	----	----	----	----	----	----	----	70	74
Oklahoma	2	2	3	2	2	3	3	126	175
Texas	13	14	31	53	100	100	120	180	200
Mountain	**827**	**937**	**1,185**	**1,190**	**2,084**	**2,357**	**2,390**	**10,775**	**13,031**
Montana	344	360	419	428	511	507	502	1,306	1,853
Idaho	224	299	358	342	388	390	393	2,706	3,688
Wyoming	8	8	19	23	24	70	69	571	838
Colorado	92	91	98	102	110	111	111	647	851
New Mexico	1	1	2	2	2	1	36	56	124
Arizona	39	49	120	137	195	427	427	3,710	3,810
Utah	106	115	156	144	142	142	143	1,500	1,590
Nevada	13	14	14	13	712	709	709	279	277
Pacific	**1,789**	**2,336**	**3,365**	**3,851**	**4,192**	**4,161**	**4,241**	**17,734**	**23,960**
Washington	454	561	766	1,037	1,258	1,213	1,215	8,768	12,021
Oregon	185	244	299	363	493	515	588	4,361	5,956
California	1,149	1,531	2,301	2,450	2,441	2,433	2,438	4,605	5,983
Outlying areas:									
Alaska	----	40	36	(2)	48	48	46	1,000	2,500
Hawaii	----	25	3 32	(2)	32	32	32	19	28
Puerto Rico	----	15	(2)	(2)	38	43	43	72	174

[1] Less than 500. [2] Not available. [3] Capacity in 1928.

Source: Figures for 1937 and prior years, Department of Interior, Geological Survey. Figures for 1938 and subsequent years, Federal Power Commission, report on Total Installed Capacity of Water Wheels in the United States and Outlying Territories.

19. PUBLIC ROADS AND MOTOR VEHICLES

No. 484.—Rural Roads—Mileage, Funds Available, and Disbursements, 1921 to 1940, and Construction Under Federal Aid, 1930 to 1940

Note.—Figures cover continental United States, except as noted, and refer to calendar years for most States. Mileage data included for 1921 and 1926 were obtained from county records; figures for 1929 and 1930 include some estimates. No data available for county and township roads after 1930, except for those under State control.

Item	1921	1926	1929	1930
ALL RURAL ROADS				
Total mileage at end of year	2,941,294	3,000,190	3,024,233	3,009,066
Earth roads	2,553,534	2,450,126	2,361,798	2,315,507
Surfaced roads	387,760	550,064	662,435	693,559
Low type [1]	340,583	467,077	549,981	567,851
High type [1]	[2] 47,177	82,987	112,454	125,708
Total mileage built during year	110,976	116,413	78,003	87,717
Earth roads (graded and drained)	[3] 69,804	60,059	23,128	24,370
Surfaced roads [4]	41,172	56,354	54,875	63,347
Low type [1]	33,083	46,746	42,548	48,397
High type [1]	[5] 8,089	9,608	12,327	14,950
Funds available for rural road purposes, all authorities [6] (1,000 dollars)	[7] 1,109,896	1,640,451	2,042,400	2,302,646
Motor vehicle fees, gasoline taxes	119,915	436,449	687,730	862,933
Other taxes and appropriations	415,747	491,194	560,908	537,951
Proceeds of bonds	434,573	272,422	271,864	316,973
Federal aid [8]	77,457	79,163	77,573	92,463
All other sources	[7] 62,205	361,224	444,324	492,326
Disbursements for rural roads and bridges, all roads, by all authorities (1,000 dollars)	1,027,493	1,276,698	1,615,519	1,885,851
Highway purposes—				
Construction	622,172	621,893	813,982	1,009,712
Maintenance	250,559	338,853	433,538	475,912
Other expenditures	121,372	203,002	197,148	194,869
All other disbursements	33,389	112,950	170,850	205,357

Item	1930	1935	1937	1938	1939	1940
Total mileage of State highway systems at end of year [9]	324,496	[10] 331,867	[10] 327,152	[10] 326,852	[10] 328,053	([11])
Earth roads	98,275	52,060	41,061	34,002	30,283	([11])
Surfaced roads	226,221	279,807	286,091	292,850	297,770	([11])
Low type [1]	142,109	168,282	169,327	173,369	177,407	([11])
High type [1]	84,112	111,525	116,764	119,481	120,363	([11])
Total mileage of State highway systems built during year [9]	35,277	[10] 23,515	[10] 24,694	[10] 25,467	[10] 20,598	([11])
Earth roads (graded and drained)	7,813	2,812	1,489	1,045	1,307	([11])
Surfaced roads [4]	27,464	20,703	23,205	24,422	19,291	([11])
Low type [1]	16,677	17,562	17,471	19,341	15,088	([11])
High type [1]	10,787	3,141	5,734	5,081	4,203	([11])
State-highway funds available [12] (1,000 dollars)	1,423,164	1,205,945	1,579,810	1,513,544	1,532,689	[13] 2,037,606
Disbursements of State-highway funds [12] (1,000 dollars)	1,139,677	848,355	1,166,706	1,135,122	1,126,929	[13] 1,591,290
Highway construction under Federal aid, status at end of year: [14]						
Projects under construction:						
Miles	9,089	3,116	4,921	5,811	4,767	6,222
Total cost (1,000 dollars)	233,397	66,111	156,297	187,949	160,063	204,332
Federal aid (1,000 dollars)	99,573	34,416	77,847	92,265	77,261	100,615
Projects approved for construction:						
Miles	2,875	1,415	2,320	2,367	2,724	2,255
Total cost (1,000 dollars)	60,394	38,410	73,905	64,631	70,915	65,166
Federal aid (1,000 dollars)	25,531	19,235	34,509	31,510	34,584	32,272
Federal-aid fund available for new projects (1,000 dollars)	144,726	65,543	81,738	80,843	80,799	74,009

[1] Low-type includes soil-surfaced, gravel or stone, bituminous surface-treated, and mixed bituminous surfaces; high-type includes bituminous penetration, bituminous concrete and sheet asphalt, Portland cement concrete, brick, block, and dual-type surfaces, and unclassified surfacing on bridges.
[2] Includes 11,303 miles of unclassified roads. [3] Includes mileage partially graded and drained.
[4] Includes original and reconstructed surfacing. [5] Includes 308 miles of unclassified roads.
[6] Excludes funds transferred. [7] Excludes balance on hand at beginning of year; not reported in 1921.
[8] For road and bridge purposes under supervision of State highway department only.
[9] Includes an undetermined amount of municipal street mileage on State highway systems or connecting these systems. Beginning with 1935 such mileage is included, however, for only a few States. Figures prior to 1935 also include mileage of secondary road systems under State control for a number of States. [10] Primary systems only. See also note 9. [11] Not yet available.
[12] Includes funds transferred to or from local units. Data for the District of Columbia are not included prior to 1940.
[13] Not comparable with figures for prior years. Last 2 sentences of headnote, table 486, applies to these figures.
[14] Includes data for Hawaii and beginning 1937 for Puerto Rico. For 1940 figures for Federal-aid and emergency road construction and grade crossing projects, by States, see table 488.

Source: Federal Works Agency, Public Roads Administration; annual statements on status of highways and State-highway finance; and records.

No. 485.—State-Highway Systems—Mileage of Rural Roads and of Urban Extensions as of Dec. 31, 1939, and Rural Mileage Surfaced, 1938 and 1939

Division and state	Existing mileage, end of 1939: Rural roads and urban extensions [1]	Primary systems of rural State highways: Total	Non-surfaced roads	Surfaced roads: Total	Low type [2]	High type [2]	Mileage surfaced on primary systems (rural) during—: 1938, total [3]	1939: Total [3]	On earth roads [4]
Continental U. S.	548,581	328,053	30,283	297,770	177,407	120,363	24,422	19,291	5,437
New England	19,757	10,926	84	10,842	5,943	4,899	249	249	62
Maine	[1] 8,771	2,645	11	2,634	1,977	657	81	82	19
New Hampshire	[1] 3,613	1,358	--------	1,358	947	411	33	28	3
Vermont	1,857	1,703	--------	1,703	1,336	367	62	44	1
Massachusetts	1,888	[5] 1,888	--------	1,888	129	1,759	[5] 3	[5] 37	5
Rhode Island	[1] 836	604	--------	694	226	468	16	11	4
Connecticut	2,792	2,638	73	2,565	1,328	1,237	54	47	30
Middle Atlantic	56,959	28,207	1,941	26,266	6,769	19,497	919	661	189
New York	14,822	14,011	1,292	12,719	2,281	10,438	448	329	91
New Jersey	1,625	1,257	--------	1,257	45	1,212	15	15	9
Pennsylvania	[1] 40,512	12,939	649	12,290	4,443	7,847	456	317	89
East North Central	59,591	52,671	757	51,914	22,607	29,307	5,757	4,535	398
Ohio	18,603	16,301	150	16,151	9,691	6,460	1,674	1,917	19
Indiana	9,841	9,004	24	8,980	4,033	4,947	845	393	78
Illinois	11,566	9,943	60	9,883	279	9,604	363	339	179
Michigan	9,292	8,262	523	7,739	3,653	4,086	508	500	40
Wisconsin	10,289	9,161	--------	9,161	4,951	4,210	2,367	1,386	82
West North Central	68,915	57,222	3,085	54,137	39,683	14,454	4,398	2,663	890
Minnesota	11,328	10,037	86	9,951	7,399	2,552	755	595	82
Iowa	9,620	8,590	76	8,514	3,297	5,217	550	395	114
Missouri	[1] 15,790	7,831	62	7,769	4,100	3,669	[5] 200	155	34
North Dakota	7,387	7,189	1,028	6,161	6,138	23	497	321	63
South Dakota	6,047	5,842	730	5,112	4,819	293	449	372	228
Nebraska	[1] 8,879	8,386	357	8,029	6,923	1,106	651	503	245
Kansas	9,864	9,347	746	8,601	7,007	1,594	1,296	322	124
South Atlantic	173,338	56,712	7,912	48,800	27,808	20,992	3,529	3,511	1,360
Delaware	[1] 3,894	2,018	--------	2,018	753	1,265	211	190	97
Maryland	4,287	4,090	--------	4,090	1,268	2,822	57	163	61
District of Columbia	124	--------	--------	--------	--------	--------	--------	--------	--------
Virginia	[1] 45,934	[5] 9,336	859	8,477	4,543	3,934	[5] 385	[5] 502	98
West Virginia	[1] 32,872	4,398	278	4,120	2,124	1,996	313	350	93
North Carolina	[1] 58,495	10,424	412	10,012	5,537	4,475	444	383	111
South Carolina	8,538	7,889	1,636	6,253	4,023	2,230	1,122	830	215
Georgia	11,741	[5] 11,656	4,226	7,430	4,501	2,929	[5] 755	805	479
Florida	7,453	6,901	501	6,400	5,059	1,341	242	288	206
East South Central	29,969	26,297	522	25,775	17,779	7,996	2,915	2,103	550
Kentucky	9,694	9,189	271	8,918	7,005	1,913	1,214	560	223
Tennessee	7,564	7,228	42	7,186	4,302	2,884	272	144	14
Alabama	6,471	6,192	200	5,992	4,736	1,256	785	942	143
Mississippi	[1] 6,240	3,688	9	3,679	1,736	1,943	644	457	170
West South Central	59,342	43,300	5,086	38,214	22,685	15,529	2,991	2,562	1,296
Arkansas	9,352	8,814	703	8,111	6,483	1,628	180	414	151
Louisiana	[1] 18,222	3,795	21	3,774	791	2,983	104	45	6
Oklahoma	8,607	8,124	883	7,241	4,314	2,927	833	439	158
Texas	23,161	[5] 22,567	3,479	19,088	11,097	7,991	[5] 1,874	[5] 1,664	981
Mountain	53,712	40,582	10,698	29,884	28,298	1,586	2,615	2,100	590
Montana	[1] 6,420	5,686	872	4,814	4,785	29	202	252	116
Idaho	4,872	4,685	861	3,824	3,622	202	322	190	30
Wyoming	3,930	3,826	341	3,485	3,458	27	297	293	38
Colorado	[1] 12,251	3,612	69	3,543	3,071	472	514	297	28
New Mexico	12,269	12,071	6,822	5,249	5,017	232	535	447	174
Arizona	3,614	3,556	711	2,845	2,630	215	251	223	110
Utah	5,164	4,647	850	3,797	3,434	363	314	288	62
Nevada	[1] 5,192	2,499	172	2,327	2,281	46	180	110	32
Pacific	26,998	12,136	198	11,938	5,835	6,103	1,049	907	102
Washington	[1] 6,297	3,687	82	3,605	927	2,678	599	439	47
Oregon	[1] 7,048	4,406	114	4,292	3,008	1,284	335	327	39
California	[1] 13,653	4,043	2	4,041	1,900	2,141	115	91	16

[1] Includes secondary rural roads under State control with a total of 193,848 miles for the 18 States noted. Also includes 26,680 miles of urban extensions, 3,473 miles of which are not under State control.

[2] See note 1, table 484.

[3] Includes original and reconstructed surfacing. In addition to mileage here shown, surfacing on secondary rural roads under State control totaled 8,238 miles in 1938 and 8,722 in 1939, and surfacing on urban extensions of State systems totaled 757 miles in 1938 and 938 miles in 1939.

[4] Includes new location.

[5] Mileage for urban extensions under State control included with rural roads, as segregation by types was not available, except for 85 miles of urban extensions existing in Georgia at the end of 1939.

Source: Federal Works Agency, Public Roads Administration; annual statements on mileage of State-highway systems.

No. 486.—Disbursements of State-Highway Funds, by States: 1921 to 1940

Note.—Figures include disbursements, whether from current revenues or the proceeds of loans, for construction, maintenance, interest and principal payments on highway bonds, transfers to local units, and miscellaneous disbursements. Data beginning 1934 cover calendar years, while figures for earlier years for many States represent fiscal years. Figures for 1940 are not comparable with those for prior years as they include data for certain State income applicable to highways, namely, proceeds of highway-user imposts allotted, without passing through the State highway departments, by the State treasurer, for (1) county and other local roads and streets and for (2) nonhighway purposes. These data were not included in prior years.

Division and State	Year in which first State-aid law passed	1921	1930	1934	1935	1936	1937	1938	1939	1940 [1]
		Thousands of dollars								
Cont'l U.S.		397,484	1,139,677	991,774	848,355	1,131,151	1,166,706	1,135,122	1,126,928	1,591,290
New England		25,910	76,418	82,708	81,054	92,791	97,275	88,970	102,992	98,625
Maine	1901	6,524	17,184	12,988	11,671	14,192	16,360	14,523	14,069	13,550
N. Hampshire	1903	2,360	9,640	9,113	6,165	6,997	9,523	7,787	8,815	8,386
Vermont	1898	951	9,013	5,905	5,920	5,915	6,570	6,889	7,092	8,365
Mass	1892	7,864	21,926	33,204	36,719	35,476	37,416	34,695	44,889	37,635
Rhode Island	1902	2,213	3,367	5,081	3,681	10,602	6,390	7,548	7,934	8,011
Connecticut	1895	5,998	15,288	16,417	16,898	19,609	21,016	17,528	20,193	22,678
Middle Atlantic		101,475	216,236	184,343	127,513	188,121	223,186	223,721	190,876	307,819
New York	1898	36,855	73,233	60,262	54,770	68,239	94,756	91,093	76,861	158,946
New Jersey	1891	15,608	47,414	31,612	26,771	37,928	37,961	38,988	48,330	57,509
Pennsylvania	1903	49,012	95,589	92,469	45,972	81,954	90,469	93,640	65,685	91,364
E. N. Central		68,512	190,673	168,249	141,442	188,283	194,784	185,846	182,249	312,905
Ohio	1904	15,547	47,491	44,067	25,772	32,895	34,871	33,388	35,631	93,403
Indiana	1917	8,110	22,569	21,868	17,953	25,084	21,532	22,673	20,792	40,461
Illinois	1905	15,693	48,854	43,476	42,729	49,035	69,152	68,366	68,549	70,536
Michigan	1905	16,744	46,136	28,428	23,653	40,885	30,021	25,228	24,571	67,403
Wisconsin	1911	12,417	25,623	30,410	31,335	40,369	39,208	35,991	32,706	41,102
W. N. Central		41,087	171,732	126,126	112,817	151,654	134,015	121,993	107,203	148,681
Minnesota	1905	7,480	39,365	22,796	22,950	31,551	29,539	25,130	22,412	31,275
Iowa	1904	18,276	50,607	23,586	22,239	28,616	28,450	27,373	24,239	32,517
Missouri	1907	4,727	43,921	31,650	27,661	35,316	30,128	23,625	23,894	27,553
North Dakota	1909	1,030	3,992	7,160	4,911	7,522	6,662	7,497	4,558	7,355
South Dakota	1911	4,738	5,915	6,818	6,728	7,679	8,121	7,558	6,685	9,236
Nebraska	1911	4,836	11,087	12,825	10,379	13,140	10,917	11,589	9,448	20,117
Kansas	1911	(2)	16,845	21,291	17,949	27,830	20,198	19,221	15,967	20,628
South Atlantic		51,181	139,904	133,014	127,216	149,795	159,027	170,057	172,293	232,740
Delaware	1903	3,765	8,492	4,460	3,613	3,702	3,718	4,140	4,157	4,379
Maryland	1898	7,616	17,992	18,787	14,700	16,597	17,661	17,956	18,852	27,243
Dist. of Col.	1938	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	6,588
Virginia	1906	7,114	19,189	21,688	19,790	26,284	25,086	29,306	28,118	28,277
West Virginia	1909	1,877	23,308	19,550	20,406	21,316	22,618	25,313	24,720	25,835
N. Carolina	1901	15,100	25,613	26,103	28,083	36,134	36,769	34,062	35,829	39,799
S. Carolina	1917	3,941	22,753	13,672	12,597	15,366	19,630	22,557	17,691	22,804
Georgia	1908	9,664	12,699	12,750	16,479	16,120	22,966	25,502	19,597	38,803
Florida	1915	2,103	9,858	16,004	11,548	14,286	10,579	11,221	23,329	39,012
E. S. Central		16,621	92,737	62,126	55,169	63,493	87,536	91,182	111,184	118,474
Kentucky	1912	5,757	19,497	17,805	18,806	14,373	23,784	24,830	25,117	25,716
Tennessee	1915	6,328	53,278	18,472	14,190	15,711	15,984	20,657	37,823	34,031
Alabama	1911	1,036	15,373	15,716	12,197	17,540	17,131	19,880	18,567	27,723
Mississippi	1915	3,500	4,589	10,133	9,976	15,869	30,637	25,815	29,677	31,004
W. S. Central		26,897	136,738	84,026	80,597	113,901	101,220	97,624	110,517	151,120
Arkansas	1913	(2)	39,821	12,945	16,102	16,346	18,335	15,017	16,397	18,278
Louisiana	1910	5,347	29,357	16,139	19,022	29,829	19,450	25,143	24,956	29,662
Oklahoma	1911	4,775	20,228	14,772	11,568	17,994	21,022	15,202	8,915	23,506
Texas	1917	16,775	47,332	40,170	33,905	49,732	42,413	42,262	60,249	79,674
Mountain		27,463	47,023	67,636	50,088	78,769	78,044	66,032	67,237	73,634
Montana	1913	3,640	6,378	12,984	7,633	12,939	7,420	6,113	9,119	11,741
Idaho	1905	4,863	6,637	6,593	6,105	9,115	7,330	7,203	7,064	8,039
Wyoming	1911	3,446	3,590	5,983	5,078	6,545	6,304	5,415	4,639	6,272
Colorado	1909	4,156	8,144	11,011	7,781	15,943	23,284	18,044	14,623	14,694
New Mexico	1909	3,713	9,138	10,219	7,359	11,642	13,956	11,567	9,798	13,428
Arizona	1909	2,948	5,233	7,503	5,631	9,000	6,688	6,580	6,598	8,864
Utah	1909	3,107	5,193	7,325	5,914	7,481	7,899	6,967	11,332	6,342
Nevada	1911	1,590	2,710	6,018	4,587	6,104	5,163	4,143	4,064	4,254
Pacific		38,339	68,215	88,546	72,459	104,359	91,619	89,397	82,378	147,292
Washington	1905	9,696	15,806	21,241	17,666	23,858	22,128	24,468	24,289	39,925
Oregon	1913	17,828	14,668	15,116	16,991	21,833	19,729	16,820	16,182	18,385
California	1895	10,815	37,741	47,189	37,802	58,668	49,762	48,609	41,907	88,982

[1] See headnote. [2] Data not available.

Source: Federal Works Agency, Public Roads Administration. Figures for 1939 and prior years, annual statements, State-Highway Expenditures; figures for 1940, Disbursements of State Imposts on Highway Users and Other State Income Applicable to Highways.

No. 487.—State-Highway Funds Available, by Source, and Disbursements, by Purpose, by States: 1940

Note.—In thousands of dollars. Figures account for receipts and disbursements of all State imposts on highway users, all other funds available to State highway departments, and State funds other than those of highway departments which were reported as being applied to highway purposes. Data for a number of intrastate authorities, notably Pennsylvania Turnpike Commission, are excluded.

Division and State	Funds available					Disbursements				
	Total	Motor-vehicle fees; motor-fuel and motor-carrier taxes	Federal funds	Income from bonds, notes, and other loans	All other sources[1]	Total[2]	For State-administered highways: Capital outlay, roads and bridges[3]	For State-administered highways: Maintenance[3]	For State-administered highways: Other[4]	For county and local roads and streets
Cont'l U. S.	2,037,608	1,321,082	180,889	92,418	443,220	1,591,290	522,785	215,093	275,443	333,116
New England	133,293	76,443	9,776	17,673	29,401	98,625	28,856	16,987	16,458	27,276
Maine	16,215	10,345	1,272	1,002	3,596	13,550	4,180	4,055	3,687	1,186
New Hampshire	11,464	6,672	1,193	3,542	57	8,386	2,999	2,674	1,620	935
Vermont	11,127	5,392	1,275	1,700	2,760	8,365	2,460	1,420	1,009	3,373
Massachusetts	43,883	28,606	2,782	1,005	11,490	37,635	6,215	4,501	5,313	18,500
Rhode Island	9,067	7,172	862		1,033	8,011	1,740	1,041	953	56
Connecticut	41,537	18,256	2,392	10,424	10,465	22,678	11,262	3,296	3,876	3,226
Middle Atlantic	483,399	275,808	21,412	25,258	160,921	307,819	88,409	30,900	45,736	43,570
New York	235,959	127,149	10,309	25,258	73,243	158,946	38,390	9,971	15,858	27,440
New Jersey	110,888	47,334	3,699		59,855	57,509	13,300	4,573	14,273	11,411
Pennsylvania	136,552	101,325	7,404		27,823	91,364	36,719	16,356	15,605	4,719
E. N. Central	396,552	279,100	28,807		88,645	312,905	82,062	38,352	34,968	110,233
Ohio	102,700	80,797	8,008		13,895	93,403	24,793	13,965	4,182	33,871
Indiana	45,312	37,649	3,610		4,053	40,461	15,304	6,108	2,009	13,944
Illinois	99,039	66,481	9,331		23,227	70,536	16,285	6,220	16,565	22,270
Michigan	108,388	58,095	5,678		44,615	67,403	20,542	8,642	7,687	28,003
Wisconsin	41,113	36,078	2,180		2,855	41,102	5,138	3,417	4,525	12,145
W. N. Central	177,917	124,237	27,278	444	25,358	148,661	56,500	23,714	29,332	31,814
Minnesota	44,004	28,623	4,489		10,892	31,275	11,520	5,402	4,994	8,332
Iowa	36,215	28,059	5,246	444	2,466	32,517	8,951	2,801	10,057	9,893
Missouri	35,250	24,203	4,543		6,414	27,553	9,916	5,968	10,812	3
N. Dakota	7,750	5,213	1,875		662	7,355	3,668	1,431	286	1,710
S. Dakota	9,143	6,634	2,655		[5] *146*	9,236	4,994	1,640	395	1,952
Nebraska	19,901	14,659	4,167		1,075	20,117	8,741	2,385	529	5,708
Kansas	25,654	16,756	4,903		3,995	20,628	8,710	4,087	2,259	4,216
South Atlantic	276,422	185,245	22,473	11,813	56,801	232,740	82,430	44,693	52,171	20,932
Delaware	5,980	3,577	796		1,607	4,379	[6] 2,192	[6] 725	[6] 1,277	[6] 2
Maryland	32,584	18,146	4,295	42	10,101	27,243	12,707	2,159	4,581	6,025
Dist. of Col.	6,733	5,231	787		715	6,588				6,136
Virginia	29,439	26,765	2,620		48	28,277	[6] 18,951	[6] 6,334	[6] 1,955	[6] 438
W. Virginia	33,560	17,340	1,808	4,073	10,279	25,835	[6] 9,985	[6] 5,728	[6] 9,996	([6])
N. Carolina	62,913	36,325	3,959		22,629	39,799	[6] 7,596	[6] 20,300	[6] 9,984	([6])
S. Carolina	30,365	16,194	2,126	5,018	7,027	22,804	7,517	3,000	9,356	2,422
Georgia	34,240	25,769	3,447	2,680	2,344	38,803	21,319	2,560	4,320	5,628
Florida	40,608	35,898	2,569		2,141	39,012	12,163	3,727	10,702	281
East South Central	138,551	83,320	13,791	17,561	23,879	118,474	41,937	13,136	25,234	24,915
Kentucky	29,281	20,028	3,310	1,450	4,493	25,716	10,204	5,600	5,087	2,356
Tennessee	43,355	27,430	2,750	4,500	8,675	34,031	5,712	2,442	10,687	6,218
Alabama	30,047	20,667	3,466	2,026	3,888	27,723	9,529	3,650	4,595	8,544
Mississippi	35,868	15,195	4,265	9,585	6,823	31,004	16,492	1,444	4,865	7,797
West South Central	182,613	129,153	21,429	6,662	25,369	151,120	46,899	18,750	34,231	28,261
Arkansas	23,548	15,200	3,943		4,405	18,278	3,617	2,803	9,336	2,078
Louisiana	40,702	22,534	3,984	5,514	8,670	29,662	11,156	3,289	8,667	25
Oklahoma	25,485	21,734	3,285		466	23,506	9,192	3,433	1,752	7,414
Texas	92,878	69,685	10,217	1,148	11,828	79,674	22,934	9,225	14,476	18,744
Mountain	82,249	49,268	18,843	1,999	12,139	73,634	36,932	10,668	11,771	11,351
Montana	14,098	7,088	3,569		3,441	11,741	6,225	2,264	1,612	1,485
Idaho	8,516	6,337	1,568	487	124	8,039	3,383	1,579	510	2,462
Wyoming	6,824	3,609	2,406		809	6,272	4,220	700	607	689
Colorado	17,476	11,776	2,554		3,146	14,604	5,834	1,337	3,134	3,661
New Mexico	14,525	6,983	2,615	1,512	3,415	13,428	6,602	1,619	3,851	267
Arizona	8,681	6,207	2,233		241	8,864	4,668	1,193	773	1,861
Utah	7,921	5,198	1,680		1,043	6,342	3,181	1,198	723	999
Nevada	4,208	2,070	2,218		[5] 80	4,254	2,819	778	561	27
Pacific	166,610	118,508	16,480	11,005	20,617	147,292	48,760	17,963	25,542	34,764
Washington	46,239	21,071	6,342	11,005	7,821	39,925	13,941	3,700	11,973	8,979
Oregon	20,567	16,046	2,926		1,595	18,385	7,153	3,633	4,172	2,622
California	99,804	81,391	7,212		11,201	88,982	27,666	10,630	9,397	23,163

[1] Balances from 1939, totaling $406,200,000; and miscellaneous revenues, totaling $37,020,000.
[2] Includes disbursements not shown separately and not elsewhere included: For collection and administration of highway-user revenues, $46,693,000; for nonhighway purposes, $198,160,000.
[3] Includes some administrative, engineering, equipment, and miscellaneous disbursements.
[4] Disbursements for interest; retirement of debt; local debt assumed; highway police; and those for administration, engineering, equipment, and miscellaneous purposes not charged to construction and maintenance.
[5] Reverse item; deficit from 1939 exceeded miscellaneous revenues.
[6] Expenditures on county roads under State control included with those for State-administered highways.

Source: Federal Works Agency, Pub. Rds. Adm.; annual statements on State-highway finance.

No. 488.—Road Construction and Grade Crossing Projects, Federal-Aid and Emergency: Status as of Dec. 31, 1940

[All figures, except mileage data, in thousands of dollars]

Division and state	Federal-aid projects: Under construction [2]: Highway and secondary or feeder roads: Estimated total cost	Federal aid allotted	Mileage	Grade crossings [4]: Estimated total cost	Federal aid allotted	Federal-aid funds available for new projects	Emergency road construction and grade crossing projects, Federal funds [1]: Total apportionments	Allotted to projects under construction [3]	Available for new projects
Total	236,137	111,483	7,511	30,919	29,669	132,051	985,000	5,252	3,287
New England	7,391	3,619	103	1,150	1,138	10,050	46,877	264	215
Maine	758	384	22	133	133	462	8,185		10
New Hampshire	488	241	13	149	149	1,377	4,647	19	
Vermont	818	366	24	148	148	298	4,470		
Massachusetts	2,596	1,277	20	344	333	5,438	17,421	239	166
Rhode Island	1,387	693	12	210	210	890	4,702	7	
Connecticut	1,374	659	13	166	165	1,535	7,452		38
Middle Atlantic	32,070	15,949	382	5,625	5,571	8,227	124,275	1,765	811
New York	13,654	6,794	210	3,007	2,957	2,721	58,282	577	539
New Jersey	5,267	2,633	47	597	597	1,837	16,681	155	34
Pennsylvania	13,149	6,521	125	2,021	2,017	3,668	49,313	1,033	238
East North Central	41,029	20,351	782	6,359	6,051	15,650	166,902	515	47
Ohio	14,154	7,051	168	2,143	2,084	4,243	39,460	360	41
Indiana	6,899	3,349	111	629	629	1,963	25,179		
Illinois	8,932	4,451	170	1,658	1,439	3,384	45,493	128	6
Michigan	8,409	4,192	221	1,475	1,475	1,237	32,255		
Wisconsin	2,635	1,308	112	453	424	4,823	24,513	28	
West North Central	37,525	18,855	2,694	5,113	4,627	25,112	157,802	290	54
Minnesota	5,452	2,723	373	1,009	1,009	4,393	26,755	4	1
Iowa	4,826	2,190	318	183	153	1,284	25,766	3	12
Missouri	7,943	3,709	215	1,710	1,254	4,006	30,509		16
North Dakota	2,781	1,549	213	386	386	4,683	14,818	16	13
South Dakota	3,843	2,431	468	528	528	4,050	15,285		
Nebraska	5,853	2,819	700	994	994	2,165	10,221	219	12
Kansas	6,827	3,435	408	304	303	4,532	25,449	48	
South Atlantic	30,624	15,050	1,043	3,579	3,542	23,719	124,081	1,010	1,973
Delaware	1,702	823	19	127	127	1,777	4,061		69
Maryland	3,445	1,717	39	477	445	2,337	9,187	79	140
District of Columbia	150	67	1	2	2	317	4,253		
Virginia	4,548	2,150	96	666	665	1,669	18,609	118	162
West Virginia	2,958	1,473	62	303	300	2,311	11,664	105	118
North Carolina	5,124	2,549	242	710	710	1,999	23,907		42
South Carolina	2,269	1,079	172	109	109	2,497	13,992	43	147
Georgia	7,872	3,921	339	1,084	1,084	7,508	25,090	538	1,202
Florida	2,557	1,270	74	103	102	3,305	13,318	127	92
East South Central	21,366	10,271	858	2,199	2,179	13,395	77,660	265	126
Kentucky	3,468	1,588	95	638	638	2,971	18,734	134	4
Tennessee	3,443	1,722	120	167	167	5,539	20,892	92	77
Alabama	6,454	3,212	251	740	720	2,872	20,816	34	21
Mississippi	8,000	3,750	393	654	654	2,013	17,218	5	23
West South Central	26,344	10,234	698	2,733	2,660	16,606	114,867	516	15
Arkansas	1,531	764	76	775	771	464	17,103	61	2
Louisiana	12,294	3,196	69	345	292	4,148	14,896	36	6
Oklahoma	3,112	1,623	93	484	479	6,244	23,487	12	6
Texas	9,406	4,651	460	1,128	1,118	5,749	59,381	407	1
Mountain	13,328	8,522	684	1,513	1,504	12,930	99,641	400	23
Montana	2,293	1,204	120	88	88	3,736	17,608	40	
Idaho	1,323	811	67	34	34	1,719	10,661		
Wyoming	1,134	715	129	561	561	736	10,369	8	
Colorado	2,441	1,394	90	289	289	2,755	16,387	256	19
New Mexico	2,083	1,216	83	184	175	1,453	13,331		4
Arizona	1,590	1,104	69	179	179	1,001	11,680	97	
Utah	1,107	806	62	69	68	877	9,625		
Nevada	1,358	1,182	63	110	110	652	9,979		
Pacific	13,929	7,371	220	1,868	1,622	3,333	68,695	226	22
Washington	2,920	1,559	42	585	576	563	15,343	41	
Oregon	2,338	1,221	51	254	198	826	14,578		13
California	8,675	4,591	127	1,028	848	1,944	38,774	185	10
Hawaii	686	350	10	196	196	1,913	4,201		
Puerto Rico	1,846	912	38	584	579	1,116			

[1] As provided by N. I. R. Act, by act of June 18, 1934, and by E. R. A. Act of 1935.

[2] Projects approved for construction are as follows: Highways and secondary or feeder roads, 2,915 miles, estimated cost, $72,587,000, Federal aid allotted, $35,690,000; grade crossings, 478 projects, estimated cost, $9,653,000, Federal aid allotted, $9,032,000.

[3] Projects approved for construction allotted $1,350,000.

[4] Grade crossings eliminated, 229 projects; grade crossing structures reconstructed, 59 projects, and grade crossings protected by signals, etc., 231 projects.

Source: Federal Works Agency, Public Roads Administration; Dec. 31 statements on status of road construction and grade crossing projects. Statements are issued monthly.

No. 489.—Motor Vehicles—Factory Sales and Registrations: 1900 to 1940

Note.—Figures for 1921 and subsequent years include data for motor vehicles assembled in foreign countries from parts made in the United States. No data for motorcycles are included.

Year	Factory sales [1]						Registrations (in thousands)		
	Number (in thousands)			Wholesale value (thousands of dollars)					
	Total	Passenger cars	Motor trucks [3]	Total	Passenger cars	Motor trucks [3]	Total	Passenger cars, busses, and taxis	Trucks and road tractors [2]
1900	4	4	--------	4,899	4,899	--------	8	8	--------
1905	25	24	1	40,000	38,670	1,330	78	77	1
1909	127	124	3	165,099	159,766	5,334	312	306	6
1910	187	181	6	225,000	215,340	9,660	469	459	10
1911	210	199	11	246,000	225,000	21,000	640	620	20
1912	378	356	22	378,000	335,000	43,000	944	903	41
1913	485	462	24	443,902	399,902	44,000	1,258	1,194	64
1914	573	548	25	465,057	420,838	44,219	1,711	1,626	86
1915	970	896	74	701,778	575,978	125,800	2,446	2,310	136
1916	1,618	1,526	92	1,082,378	921,378	161,000	3,513	3,298	215
1917	1,874	1,746	128	1,274,488	1,053,506	220,983	4,983	4,657	326
1918	1,171	943	227	1,236,107	801,938	434,169	6,147	5,622	525
1919	1,876	1,652	225	1,736,818	1,365,395	371,423	7,565	6,771	794
1920	2,227	1,906	322	2,232,420	1,809,171	423,249	9,232	8,226	1,006
1921	1,616	1,468	148	1,204,262	1,038,191	166,071	10,463	9,483	980
1922	2,544	2,274	270	1,720,564	1,494,514	226,050	12,238	10,960	1,279
1923	4,034	3,625	409	2,504,810	2,196,272	308,538	15,092	13,540	1,553
1924	3,603	3,186	417	2,288,677	1,970,097	318,581	17,594	15,461	2,133
1925	4,266	3,735	531	2,916,770	2,458,370	458,400	19,937	17,496	2,441
1926	4,301	3,784	517	3,092,188	2,640,065	452,123	22,001	19,237	2,764
1927	3,401	2,937	465	2,584,802	2,164,671	420,131	23,133	20,219	2,914
1928	4,359	3,815	543	3,013,622	2,576,490	437,132	24,493	21,379	3,114
1929	5,358	4,587	771	3,413,148	2,847,119	566,030	26,501	23,122	3,380
1930	3,356	2,785	571	2,034,835	1,645,399	389,437	26,545	23,059	3,486
1931	2,390	1,973	417	1,373,691	1,111,274	262,418	25,814	22,348	3,466
1932	1,371	1,135	235	754,485	618,291	136,193	24,115	20,884	3,231
1933	1,920	1,574	347	948,806	762,737	186,069	23,874	20,644	3,231
1934	2,753	2,178	575	1,467,260	1,147,116	320,144	24,952	21,532	3,419
1935	3,947	3,252	695	2,088,834	1,709,426	379,408	26,231	22,583	3,647
1936	4,454	3,670	785	2,478,467	2,015,646	462,820	28,166	24,178	3,987
1937	4,809	3,916	893	2,847,270	2,304,349	542,921	29,705	25,450	4,255
1938	2,489	2,001	488	1,608,992	1,269,765	339,227	29,486	25,262	4,224
1939	3,577	2,867	710	2,318,857	1,816,435	502,422	30,615	26,201	4,414
1940	4,469	3,692	777	3,016,223	2,422,491	593,732	32,025	27,435	4,590

[1] See headnote. [2] Road tractors are not included prior to 1924.
[3] A substantial part of the trucks reported comprises chassis without body; hence the value of bodies for these chassis is not included.

Sources: Automobile Manufacturers Association, Detroit, Mich.; Automobile Facts and Figures. Federal Works Agency, Public Roads Administration; annual statement, State Motor-Vehicle Registrations.

No. 490.—Passenger Cars—Factory Sales, by Wholesale-Price Classes: 1928 to 1940

Note.—Figures include data for motor vehicles assembled in foreign countries from parts made in the United States, and except for 1940, and 1939 figures in italics, also include data for Canadian production. For index numbers of retail sales of new passenger cars, see table 917.

Year	Number sold							
	Total	$500 and under	$501 to $750	$751 to $1,000	$1,001 to $1,500	$1,501 to $2,000	$2,001 to $3,000	Over $3,000
1928	4,012,158	1,698,603	1,219,266	462,452	456,117	108,448	55,304	11,968
1929	4,794,898	2,585,414	1,317,116	387,835	347,340	98,086	47,587	11,520
1930	2,910,187	1,754,747	680,352	204,450	179,180	55,351	27,266	8,841
1931	2,038,183	1,328,294	413,929	162,954	80,687	33,846	12,714	5,759
1932	1,186,185	794,164	260,831	74,610	36,670	8,699	8,679	2,532
1933	1,627,361	1,316,341	237,099	32,610	20,125	10,409	8,725	2,052
1934	2,270,566	1,443,357	715,989	66,223	27,576	8,391	6,879	2,151
1935	3,387,806	1,787,171	1,444,529	110,813	28,736	8,716	5,413	2,428
1936	3,797,897	1,919,618	1,677,558	143,269	39,997	11,545	4,326	1,584
1937	4,068,935	1,368,018	2,392,415	260,280	31,226	11,633	4,061	1,302
1938	2,124,746	329,858	1,521,404	224,839	42,160	3,661	2,161	663
1939	2,975,165	285,217	2,380,466	253,931	49,033	4,304	1,870	344
1939 [1]	*2,866,796*	*265,341*	*2,328,184*	*218,986*	*47,849*	*4,222*	*1,870*	*344*
1940 [1]	3,692,328	125,198	3,017,536	478,258	61,362	7,547	2,306	121

[1] Excludes data for Canadian production. See headnote.

Source: Automobile Manufacturers Association, Detroit, Mich.: Automobile Facts and Figures.

No. 491.—Motor Vehicles—Factory Sales in United States, by Months: 1933 to 1941

Note.—See also table 886.

Month	1933	1934	1935	1936	1937	1938	1939	1940	1941
	Passenger cars [1]								
Total	1,573,512	2,177,919	3,252,244	3,669,528	3,915,889	2,000,985	2,866,796	3,692,328	-------
January	109,833	112,754	227,554	297,692	309,494	155,505	281,465	362,897	411,233
February	90,128	186,774	273,576	224,211	296,788	139,380	243,000	337,756	304,513
March	97,469	279,274	359,410	342,870	403,879	174,065	299,703	352,922	410,196
April	149,755	288,355	387,158	416,431	439,980	176,078	273,409	362,139	374,979
May	180,651	273,764	305,547	384,921	425,432	154,958	237,870	325,676	417,698
June	207,597	261,280	294,182	375,337	411,414	136,531	246,704	286,040	418,983
July	191,265	223,094	274,344	371,922	360,400	106,841	150,738	168,769	343,748
August	191,414	183,500	181,130	209,351	311,466	58,624	61,407	46,823	78,529
September	157,376	125,040	56,097	90,101	118,671	65,159	161,625	224,470	167,790
October	104,870	84,003	213,310	190,242	298,662	187,494	251,819	421,214	295,568
November	42,365	49,020	336,914	341,085	295,328	320,344	285,252	407,091	256,101
December	50,789	111,061	343,022	425,365	244,385	326,006	373,804	396,531	-------
	Motor trucks and busses [1]								
Total	346,545	575,192	694,690	784,587	893,085	488,100	710,496	777,026	-------
January	18,992	42,912	62,174	66,250	70,109	53,823	60,703	69,382	89,630
February	15,319	43,482	58,655	63,331	67,405	47,151	60,220	66,276	91,109
March	17,803	59,160	66,503	78,052	90,242	47,580	72,243	70,698	97,636
April	26,677	64,620	65,778	86,243	96,170	43,032	63,966	70,607	87,291
May	33,760	56,691	55,560	75,591	91,487	37,101	59,672	65,539	101,072
June	42,130	45,197	62,158	77,631	85,898	38,139	63,034	58,596	101,542
July	38,092	41,839	57,765	68,809	78,568	34,602	58,621	62,934	100,493
August	41,441	51,311	56,270	61,923	82,874	31,870	38,461	29,050	69,071
September	34,424	44,967	31,443	45,064	52,542	18,375	27,132	44,638	66,465
October	29,813	47,988	58,733	34,446	31,214	22,018	61,573	72,009	86,432
November	18,318	34,462	58,145	53,902	64,727	52,069	66,533	80,261	96,246
December	29,776	42,563	61,506	73,345	81,849	62,340	78,338	87,036	-------

[1] Passenger cars include taxicabs; trucks and busses include ambulances, funeral cars, fire apparatus, street sweepers, station wagons, and road tractors.

Source: Department of Commerce, Bureau of the Census; figures published in monthly releases.

No. 492.—State Motor-Fuel Taxes—Receipts, 1938, 1939, and 1940, and Tax Rate, 1939 and 1940

State	Receipts from taxes, licenses, fees, etc.[1] (thousands of dollars)			Tax, cents per gallon, Dec. 31	
	1938	1939	1940	1939	1940
Total	772,060	822,013	870,692	[2] 4	[2] 3.96
Alabama	13,579	14,476	15,535	6	6
Arizona	4,243	4,446	4,769	5	5
Arkansas	10,092	10,742	11,412	6.5	6.5
California	47,117	49,811	51,978	3	3
Colorado	7,465	7,751	8,291	4	4
Connecticut	9,242	9,961	11,084	3	3
Delaware	2,073	2,146	2,325	4	4
Dist. of Col.	2,520	2,791	3,229	2	2
Florida	23,232	24,767	27,448	7	7
Georgia	19,633	21,088	22,841	6	6
Idaho	[3] 4,090	[3] 4,468	[3] 4,825	5.1	5.1
Illinois	36,888	39,400	41,824	3	3
Indiana	22,770	24,318	26,068	4	4
Iowa	13,234	14,033	14,655	3	3
Kansas	10,168	10,179	10,562	3	3
Kentucky	12,531	13,836	14,717	5	5
Louisiana	16,627	17,463	18,671	7	7
Maine	5,558	[3] 5,722	[3] 5,940	4	4
Maryland	9,929	10,638	11,448	4	4
Massachusetts	20,194	20,512	21,454	3	3
Michigan	[3] 27,728	[3] 29,842	[3] 32,479	3	3
Minnesota	19,570	18,813	18,526	4	3
Mississippi	[4] 10,181	[4] 11,309	[4] 11,931	6	6
Missouri	11,636	12,234	13,455	2	2
Montana	4,452	4,807	5,074	5	5
Nebraska	[3] 11,170	[3] 11,635	[3] 11,901	5	5
Nevada	1,202	1,359	1,507	4	4
New Hampshire	3,298	3,508	3,617	4	4
New Jersey	22,362	23,068	24,337	3	3
New Mexico	4,090	4,320	4,699	5	5
New York	66,195	69,757	73,116	4	4
North Carolina	24,308	25,556	27,372	6	6
North Dakota	2,318	2,736	3,452	4	4
Ohio	45,982	50,466	50,789	4	4
Oklahoma	13,910	14,495	15,067	4	4
Oregon	[3] 9,846	[3] 10,591	[3] 11,359	5	5
Pennsylvania	52,001	59,590	62,495	4	4
Rhode Island	3,495	4,031	3,945	3	3
South Carolina	[3] 11,494	[3] 12,547	[3] 13,910	6	6
South Dakota	[3] 4,112	[3] 4,023	[3] 4,527	4	4
Tennessee	[3] 19,320	[3] 19,832	[3] 22,320	7	7
Texas	42,747	45,208	47,530	4	4
Utah	[3] 3,524	[3] 3,736	[3] 4,056	4	4
Vermont	2,530	2,679	2,781	4	4
Virginia	16,621	[3] 17,832	[3] 19,410	5	5
Washington	15,431	16,006	17,185	5	5
West Virginia	9,397	10,423	10,691	5	5
Wisconsin	19,447	20,438	21,311	4	4
Wyoming	[3] 2,508	[3] 2,624	[3] 2,774	4	4

[1] Taxes on motor fuel and receipts from distributors' and dealers' licenses, inspection fees, fines and penalties, fees for motor-fuel carrier permits, refund or exemption permits, interest on deposits, and miscellaneous unclassified items. [2] Weighted average rate for the year. [3] Including tax on aviation gasoline. [4] Not including taxes of $163,000 for 1938, $175,000 for 1939, and $197,000 for 1940, imposed in several counties for sea-wall protection.

Source: Federal Works Agency, Public Roads Administration; annual statement, State Motor-Fuel Tax Receipts.

No. 493.—Motor-Vehicle Registrations (Combined Figures for Passenger Cars and Motor Trucks), by States: 1915 to 1940

Note.—Registration periods ending not earlier than Nov. 30 and not later than Jan. 31 are considered as calendar-year periods. Net numbers, excluding reregistrations and nonresident registrations, are given, so far as possible. Totals in this table do not include, in most cases, those official cars which are exempt (or partially exempt) from paying regular registration fees to the States. Tractor trucks and tractors for highway use are included beginning with 1925.

Division and State	1915	1920	1925	1930	1935	1939	1940
Continental U. S.	2,445,666	9,231,941	19,937,274	26,545,281	26,230,834	30,615,087	32,025,365
New England	206,609	573,321	1,290,151	1,698,619	1,680,828	1,930,756	2,019,944
Maine	21,545	62,907	140,499	186,157	181,165	200,867	205,896
New Hampshire	13,449	34,680	81,498	112,183	117,154	131,302	135,384
Vermont	11,499	31,625	69,576	86,624	[1] 81,513	90,713	93,645
Massachusetts	102,633	274,498	646,153	846,206	785,572	871,936	903,843
Rhode Island	16,362	50,477	101,756	136,423	148,507	175,068	187,509
Connecticut	41,121	119,134	250,669	331,026	366,827	460,870	493,667
Middle Atlantic	497,227	1,474,106	3,536,570	4,914,101	4,964,655	5,738,267	5,975,829
New York	255,242	676,205	1,625,583	2,307,730	2,330,962	2,655,733	2,743,014
New Jersey	81,848	227,737	580,554	852,850	888,292	1,027,747	1,086,966
Pennsylvania	160,137	570,164	1,330,433	1,753,521	1,745,401	2,054,787	2,145,849
East North Central	653,665	2,229,396	4,918,383	6,384,157	6,084,562	7,018,418	7,292,225
Ohio	181,332	621,390	1,346,400	1,759,363	[1] 1,714,627	1,886,984	1,918,929
Indiana	96,915	333,067	725,410	875,763	850,650	960,842	994,006
Illinois	180,832	568,924	1,263,177	1,638,260	1,525,817	1,849,623	1,925,814
Michigan	114,845	412,717	989,010	1,328,209	1,239,431	1,472,311	1,552,561
Wisconsin	79,741	293,298	594,386	782,562	754,037	848,658	900,915
West North Central	499,992	1,782,946	2,941,814	3,681,901	3,495,150	3,830,919	3,959,858
Minnesota	93,269	324,166	569,694	732,972	726,993	840,050	871,351
Iowa	145,109	437,378	659,202	778,386	699,016	766,412	793,969
Missouri	76,462	297,008	604,166	761,600	766,369	877,094	921,800
North Dakota	24,908	90,840	144,972	183,019	164,217	176,501	182,287
South Dakota	28,724	120,395	168,028	205,172	179,271	189,485	195,667
Nebraska	59,000	219,000	338,719	426,229	406,178	406,905	412,116
Kansas	72,520	294,159	457,033	594,523	553,106	574,472	582,668
South Atlantic	150,594	806,053	1,920,982	2,517,673	2,656,918	3,213,234	3,406,136
Delaware	5,052	18,300	40,140	56,100	56,560	67,992	71,763
Maryland	31,047	102,841	234,247	321,702	345,578	425,064	444,532
District of Columbia	8,009	34,161	103,092	156,676	171,464	164,673	161,914
Virginia	21,357	115,470	282,650	375,889	[2] 385,555	460,416	498,838
West Virginia	13,279	80,664	217,589	266,273	248,379	286,167	302,558
North Carolina	21,000	140,860	[3] 340,287	453,241	463,123	573,497	591,946
South Carolina	15,000	93,843	168,496	218,402	[4] 235,919	314,628	336,772
Georgia	25,000	146,000	248,093	341,580	394,096	469,440	502,603
Florida	[5] 10,850	73,914	286,388	327,801	356,244	451,357	495,210
East South Central	48,421	357,658	878,115	1,213,501	1,126,993	1,430,702	1,510,576
Kentucky	19,500	112,683	261,647	331,002	346,130	437,188	463,727
Tennessee	[6] 7,618	101,852	244,626	368,259	351,898	423,956	447,983
Alabama	11,634	74,637	194,580	277,146	[7] 242,676	325,472	339,853
Mississippi	9,669	68,486	177,262	237,094	186,289	244,086	259,013
West South Central	84,433	772,655	1,790,017	2,411,714	2,360,458	2,755,718	2,891,438
Arkansas	8,021	59,082	183,589	220,204	207,429	241,425	257,177
Louisiana	11,380	73,000	207,000	275,283	268,824	340,091	365,429
Oklahoma	25,032	212,880	424,345	550,331	502,101	556,163	574,719
Texas	[8] 40,000	427,693	975,083	1,365,896	[2] 1,382,104	1,618,039	1,694,113
Mountain	78,520	374,473	675,706	962,572	958,997	1,185,354	1,239,627
Montana	14,540	60,650	94,656	135,168	149,712	180,319	191,032
Idaho	7,071	50,861	81,506	119,077	118,266	153,226	163,340
Wyoming	3,976	23,926	47,711	61,501	69,998	82,884	85,657
Colorado	28,894	129,255	240,097	308,509	284,578	343,487	352,110
New Mexico	5,100	22,100	49,111	84,150	92,457	120,441	125,056
Arizona	7,753	34,601	68,029	110,525	103,122	131,355	138,403
Utah	9,177	42,616	73,427	113,997	106,006	132,871	139,921
Nevada	2,009	10,464	21,169	29,645	34,858	40,771	44,108
Pacific	226,205	861,333	1,985,536	2,761,043	2,902,273	3,511,719	3,729,732
Washington	38,823	173,920	328,442	446,062	453,660	535,799	562,495
Oregon	23,585	103,790	216,553	[9] 273,625	[10] 297,112	369,330	393,578
California	163,797	583,623	1,440,541	2,041,356	2,151,501	2,606,590	2,773,659

[1] For 15 months ended Mar. 31, 1936.
[2] For registration year ended Mar. 31, 1936.
[3] For 6 months ended Dec. 31.
[4] For registration year ended Oct. 31.
[5] Registrations incomplete.
[6] Cars registered during 1915 only; total, approximately 26,000.
[7] For registration year ended Sept. 30.
[8] Estimated.
[9] For registration year ended June 30.
[10] Includes trailers.

Source: Federal Works Agency, Public Roads Administration; annual statement, State Motor-Vehicle Registrations.

No. 494.—Motor-Vehicle Registrations and Revenues, by States: 1940

Division and state	Number of motor cars: Total	Registered vehicles, private and commercial: Passenger cars, busses and taxis	Registered vehicles, private and commercial: Trucks, tractor trucks, etc.	Publicly owned vehicles, Federal, State, county, etc.	Trailers, registered (including official) [1]	Motorcycles, registered (including official)	Receipts from motor-vehicle administration: Total receipts [2]	Receipts from motor-vehicle administration: Registration, motor cars
							Thousands of dollars	
Continental U. S.	[3] 32,452,861	27,434,975	4,590,386	[3] 427,496	[4] 1,314,547	[5] 136,402	439,178	361,231
New England	2,035,218	1,731,142	288,802	15,274	44,103	6,373	27,761	19,628
Maine	208,595	161,982	[6] 43,914	2,699	[6] 11,202	849	4,162	[7] 3,151
New Hampshire	136,109	[8] 105,322	[8] 30,062	[8] 725	6,130	704	3,052	[9] 2,529
Vermont	94,472	[8 10] 84,017	[8 10] 9,628	[8] 827	2,362	450	2,625	2,189
Massachusetts	907,862	[8] 795,201	[8] 108,642	[8] 4,019	16,281	1,065	7,319	4,488
Rhode Island	189,717	166,792	20,717	2,208	1,210	875	3,218	2,509
Connecticut	498,463	417,828	75,839	4,796	6,918	2,370	7,385	4,762
Middle Atlantic	6,049,227	5,240,187	735,642	73,398	94,552	29,944	117,397	92,025
New York	2,778,312	2,407,253	335,761	35,298	52,622	12,229	55,944	46,316
New Jersey	1,101,213	949,840	137,126	14,247	8,371	5,535	22,562	15,414
Pennsylvania	2,169,702	1,883,094	262,755	23,853	33,559	12,180	38,891	30,295
East North Central	7,356,711	6,446,113	846,112	64,486	412,383	34,092	102,922	87,564
Ohio	1,942,639	[11] 1,728,275	[11] 190,654	23,710	139,411	11,922	30,376	24,338
Indiana	1,003,240	857,849	136,157	9,234	75,077	5,583	10,596	8,373
Illinois	1,941,206	[11] 1,706,639	[11] 219,175	15,392	29,504	7,841	24,760	22,402
Michigan	1,556,571	[8 12] 1,401,686	[8 12] 150,875	[8] 4,010	161,008	4,920	24,115	20,001
Wisconsin	913,055	751,664	149,251	12,140	7,383	3,826	13,075	12,450
West North Central	3,994,300	3,347,053	612,805	34,442	301,737	11,626	44,348	40,010
Minnesota	879,862	746,888	124,463	8,511	90,522	2,641	10,305	9,416
Iowa	802,885	[11] 691,257	[11] 102,712	8,916	96,732	2,977	12,987	12,354
Missouri	926,715	771,774	150,026	4,915	38,718	2,457	10,750	9,159
North Dakota	184,016	145,903	36,384	1,729	1,185	271	1,661	1,524
South Dakota	198,615	163,369	32,298	2,948	23,586	586	1,794	1,691
Nebraska	417,827	347,627	64,489	5,711	45,362	1,374	2,839	2,311
Kansas	584,380	[8] 480,235	[8] 102,433	[8] 1,712	5,632	1,320	4,012	3,555
South Atlantic	3,477,498	2,892,630	513,506	71,362	113,738	14,244	44,437	34,909
Delaware	72,973	[11] 60,209	[11] 11,554	1,210	3,417	359	1,252	899
Maryland	450,169	385,110	59,422	5,637	5,676	1,901	6,698	4,050
Dist. of Columbia	165,220	147,986	13,928	[13] 3,306	1,092	818	1,751	1,257
Virginia	509,191	422,591	76,247	10,353	13,003	2,505	7,159	6,232
West Virginia	309,361	251,038	51,520	6,803	3,902	1,424	6,529	5,018
North Carolina	610,121	504,489	87,457	18,175	44,670	1,967	8,174	7,316
South Carolina	343,688	290,366	46,406	6,916	5,887	1,062	2,104	1,613
Georgia	513,097	415,421	87,182	10,494	15,288	2,242	2,768	1,747
Florida	503,678	415,420	79,790	8,468	20,803	1,966	8,002	6,777
East South Central	1,541,557	1,240,244	270,332	30,981	10,930	4,752	18,396	15,392
Kentucky	470,825	387,836	[6] 75,891	7,098	[6] 158	1,629	5,509	[9] 3,228
Tennessee	459,170	377,316	[14] 70,667	11,187	[14] 65	1,651	5,330	[9 15] 4,969
Alabama	347,123	277,006	62,847	7,270	5,323	1,069	4,548	[9 15] 4,244
Mississippi	264,439	198,086	60,927	5,426	5,384	403	3,009	[9 15] 2,951
West South Central	2,939,192	2,288,219	603,219	47,754	90,641	8,850	37,648	32,439
Arkansas	261,997	191,019	66,158	4,820	11,621	642	3,399	2,929
Louisiana	372,830	283,636	81,793	7,401	14,367	1,432	5,392	4,635
Oklahoma	585,052	469,891	104,828	10,333	7,740	1,271	6,435	4,333
Texas	1,719,313	1,343,673	350,440	25,200	56,913	5,505	22,422	20,542
Mountain	1,267,609	995,350	244,277	27,982	51,366	4,747	11,281	9,082
Montana	196,116	[11] 143,068	[11] 47,964	5,084	6,240	536	1,721	1,307
Idaho	167,066	129,582	33,758	3,726	22,312	665	1,401	1,192
Wyoming	88,166	66,758	18,899	2,509	10,524	380	603	544
Colorado	355,309	[8] 293,792	[8] 58,318	[8] 3,199	1,740	1,302	2,797	2,170
New Mexico	128,159	95,795	29,261	3,103	2,929	439	1,994	1,643
Arizona	143,451	113,295	25,108	5,048	5,323	586	1,225	870
Utah	143,634	117,687	22,234	3,713	726	602	1,227	[9] 1,071
Nevada	45,708	35,373	8,735	1,600	1,572	147	313	285
Pacific	3,788,142	3,254,041	475,691	58,410	195,006	21,756	34,988	30,182
Washington	576,248	474,261	88,234	13,753	24,535	2,732	3,728	2,732
Oregon	401,328	325,822	[14] 67,756	7,750	[14] 185	1,847	3,346	[9] 2,952
California	2,810,566	[11] 2,453,958	[11] 319,701	36,907	170,286	17,177	27,914	24,498

[1] As reported. State registration requirements differ widely.
[2] Includes registration fees, certificates of title, transfer or reregistration fees, permits, fines, etc.; excludes motor-fuel and motor-carrier taxes.
[3] Includes 3,407 publicly owned motor vehicles not accounted for in State figures.
[4] Includes 91 trailers not accounted for in State figures.
[5] Includes 18 motorcycles not accounted for in State figures.
[6] Some trailers registered with trucks. [7] Includes fees for registration of some trailers.
[8] State, county, and municipal vehicles included with private and commercial vehicles.
[9] Includes fees for registration of trailers. [10] Light delivery trucks included with passenger cars.
[11] Busses included with trucks. [12] Taxicabs included with trucks.
[13] Includes 456 automobiles of the diplomatic corps. [14] Trailers included with trucks.
[15] Receipts for dealers' licenses included for Tennessee. Fees for registration of motorcycles included for Alabama, Mississippi, and Tennessee.

Source: Federal Works Agency, Public Roads Administration; annual statements on State Motor-Vehicle Registrations and Receipts.

No. 495.—Motor-Vehicle Fatalities in Continental United States: 1914 to 1939

Note.—This table covers all deaths from automobile accidents, excluding deaths as a result of train and street car collisions with automobiles, and motorcycle accidents. Rural area and urban area or city population figures shown for 1930 to 1938 and used in computing rates for these years are the latest revised estimates. The term "rural area" includes all rural parts of the registration States excluding cities having populations of 10,000 or more; "urban area" includes all cities having populations of 10,000 or more in the registration States; and "cities in nonregistration States" includes only a few cities in certain States not in the death registration area.

Year	Registration area			Registration states				
	Population (midyear estimates)	Number of deaths	Rate per 100,000 population	Population (midyear estimates)	Number of deaths	Rate per 100,000 population	Number of cars registered (including official)	Deaths per 100,000 cars
1914	65,813,315	2,826	4.3	60,943,663	2,571	4.2	1,234,844	208.2
1915	67,095,681	3,978	5.9	61,881,753	3,589	5.8	1,775,064	202.2
1916	71,349,162	5,193	7.3	66,371;691	4,737	7.1	2,511,805	188.6
1917	74,984,498	6,724	9.0	69,646,824	6,064	8.7	3,530,268	171.8
1918	81,333,675	7,525	9.3	79,536,574	7,310	9.2	4,715,317	155.0
1919	85,166,043	7,968	9.4	83,612,508	7,771	9.3	5,922,572	131.2
1920	87,632,592	9,103	10.4	86,179,774	8,878	10.3	7,440,420	119.3
1921	89,102,434	10,168	11.4	87,592,175	9,903	11.3	8,578,536	115.4
1922	93,866,240	11,666	12.4	92,540,579	11,466	12.4	10,374,993	110.5
1923	97,816,104	14,411	14.7	96,385,407	14,157	14.7	13,359,965	106.0
1924	100,682,062	15,528	15.5	98,471,683	15,221	15.5	15,714,878	96.9
1925	102,951,999	17,571	17.1	101,111,137	17,149	17.0	17,875,567	95.9
1926	104,938,301	18,871	18.0	102,991,160	18,419	17.9	19,838,947	92.8
1927	108,177,568	21,160	19.6	106,309,646	20,704	19.5	21,084,564	98.2
1928	114,258,516	23,765	20.8	113,050,663	23,427	20.7	23,126,127	101.3
1929	116,317,515	27,066	23.3	115,097,972	26,662	23.2	25,097,555	106.2
1930	118,331,000	29,080	24.6	117,113,347	28,684	24.5	25,350,499	113.1
1931	119,023,000	30,042	25.2	117,787,887	29,658	25.2	24,705,328	120.0
1932	119,768,000	26,350	22.0	118,516,069	26,033	22.0	23,085,036	112.8
1933 [1]	125,272,000	29,323	23.4	125,272,000	29,323	23.4	24,103,969	121.7
1934 [1]	126,057,000	33,980	27.0	126,057,000	33,980	27.0	25,210,503	134.8
1935 [1]	126,903,000	34,183	26.9	126,903,000	34,183	26.9	26,513,491	128.9
1936 [1]	127,827,000	35,761	28.0	127,827,000	35,761	28.0	28,519,059	125.4
1937 [1]	128,747,000	37,205	28.9	128,747,000	37,205	28.9	30,039,892	123.9
1938 [1]	129,673,000	30,564	23.6	129,673,000	30,564	23.6	29,851,210	102.4
1939 [1]	130,601,000	30,468	23.3	130,601,000	30,468	23.3	31,009,870	98.3

Year	Rural area of registration states			Urban area in registration states			Cities in nonregistration states		
	Population	Number of deaths	Rate per 100,000 population	Population	Number of deaths	Rate per 100,000 population	Population	Number of deaths	Rate per 100,000 population
1914	30,829,210	896	2.9	30,114,453	1,675	5.6	4,869,652	255	5.2
1915	31,078,193	1,226	3.9	30,803,560	2,363	7.7	5,213,928	389	7.5
1916	34,752,780	1,684	4.8	31,618,911	3,053	9.7	4,977,471	456	9.2
1917	36,928,787	2,174	5.9	32,718,037	3,890	11.9	5,337,674	660	12.4
1918	41,844,499	2,368	5.7	37,692,075	4,942	13.1	1,797,101	215	12.0
1919	44,664,983	2,508	5.6	38,947,525	5,263	13.5	1,553,535	197	12.7
1920	44,475,250	2,757	6.2	41,704,524	6,121	14.7	1,452,818	225	15.5
1921	45,070,088	3,368	7.5	42,522,087	6,535	15.4	1,510,250	265	17.5
1922	48,575,329	4,020	8.3	43,965,250	7,446	16.9	1,325,661	200	15.1
1923	50,867,586	5,209	10.2	45,517,821	8,948	19.7	1,430,697	254	17.8
1924	52,047,381	5,668	10.9	46,424,302	9,553	20.6	1,610,379	307	19.1
1925	53,580,742	6,509	12.1	47,530,395	10,640	22.4	1,840.862	422	22.9
1926	54,389,753	7,348	13.5	48,601,407	11,071	22.8	1,947,141	452	23.2
1927	56,613,922	8,452	14.9	49,695,724	12,252	24.7	1,867,922	456	24.4
1928	61,350,563	9,997	16.3	51,700,100	13,430	26.0	1,207,853	338	28.0
1929	62,421,794	11,797	18.9	52,676,178	14,865	28.2	1,219,543	404	33.1
1930	60,565,200	12,193	20.1	56,772,800	16,491	29.0	1,222,800	396	32.4
1931	60,302,100	12,702	21.1	57,854,900	16,956	29.3	1,264,200	384	30.4
1932	61,033,400	11,304	18.5	57,824,600	14,729	25.5	1,264,200	317	25.1
1933 [1]	65,411,700	13,267	20.3	60,281,300	16,056	26.6	(1)	(1)	(1)
1934 [1]	(2)	15,712	(2)	(2)	18,268	(2)	(1)	(1)	(1)
1935 [1]	(2)	16,521	(2)	(2)	17,662	(2)	(1)	(1)	(1)
1936 [1]	(2)	17,672	(2)	(2)	18,089	(2)	(1)	(1)	(1)
1937 [1]	(2)	18,347	(2)	(2)	18,858	(2)	(1)	(1)	(1)
1938 [1]	(2)	15,487	(2)	(2)	15,077	(2)	(1)	(1)	(1)
1939 [1]	(2)	15,624	(2)	(2)	14,844	(2)	(1)	(1)	(1)

[1] All States included in the registration area. [2] Not available.

Sources: Department of Commerce, Bureau of the Census; Vital Statistics—Special Reports, Volume 12, No. 23. Federal Works Agency, Public Roads Administration; annual statement, State Motor-Vehicle Registrations.

No. 496.—Motor-Vehicle Fatalities, by States and for Large Cities Having Death Registration: 1926 to 1939

Note.—Figures include all deaths from automobile accidents, excluding deaths as a result of train and street car collisions with automobiles, and motorcycle accidents. Rates are based on revised estimates of population.

	1926–1930, average	1931–1935, average	1933	1934	1935	1936	1937	1938	1939
Registration area in continental U. S.: Number of deaths	23,988	30,776	29,323	33,980	34,183	35,761	37,205	30,564	30,468
Rate per 100,000 estimated population	21.3	24.9	23.4	27.0	26.9	28.0	28.9	23.6	23.3
NUMBER OF DEATHS									
Total registration States [1]	23,579	30,635	29,323	33,980	34,183	35,761	37,205	30,564	30,468
Alabama	392	488	485	498	579	667	654	599	608
Arizona	143	174	147	205	205	234	249	205	222
Arkansas	[2] 242	317	280	350	384	419	361	296	302
California	1,828	2,411	2,233	2,625	2,633	2,886	2,913	2,573	2,648
Colorado	232	308	298	328	312	363	386	333	318
Connecticut	376	452	452	464	477	441	426	341	367
Delaware	64	77	84	81	66	84	103	73	79
Florida	479	541	494	604	604	652	715	689	688
Georgia	[3] 519	695	651	777	900	938	908	761	649
Idaho	87	120	117	150	158	186	182	160	165
Illinois	1,645	2,030	1,943	2,288	2,037	2,183	2,342	1,968	2,030
Indiana	772	1,009	979	1,144	1,056	1,187	1,263	1,028	973
Iowa	376	520	514	531	570	507	545	451	503
Kansas	322	454	482	481	518	534	431	396	368
Kentucky	357	549	504	630	657	666	799	616	654
Louisiana	332	422	395	461	500	560	496	490	474
Maine	127	180	190	201	200	202	203	182	185
Maryland	363	448	429	488	446	452	519	377	389
Massachusetts	732	841	801	986	829	875	875	664	646
Michigan	1,284	1,347	1,196	1,416	1,573	1,813	2,052	1,417	1,405
Minnesota	439	568	525	624	585	663	610	602	575
Mississippi	265	317	283	401	385	487	435	385	406
Missouri	605	832	770	944	910	964	959	836	772
Montana	100	136	115	198	155	168	168	136	135
Nebraska	224	281	283	293	325	290	297	212	257
Nevada	[4] 40	66	63	69	77	71	65	63	78
New Hampshire	83	107	135	104	128	110	146	106	97
New Jersey	1,040	1,165	1,147	1,186	1,156	1,094	1,266	869	823
New Mexico	[4] 104	119	102	146	154	204	204	153	189
New York	2,628	2,872	2,784	2,903	2,783	2,647	2,969	2,453	2,369
North Carolina	555	754	725	874	965	930	1,009	858	863
North Dakota	78	99	101	118	107	129	111	104	89
Ohio	1,706	1,980	1,829	2,119	2,161	2,167	2,441	1,784	1,760
Oklahoma	[3] 433	512	485	584	649	633	608	510	487
Oregon	221	271	249	309	284	347	341	326	318
Pennsylvania	2,011	2,276	2,190	2,439	2,295	2,359	2,506	1,949	2,013
Rhode Island	136	105	97	103	106	111	121	82	78
South Carolina	288	400	342	470	477	571	520	459	522
South Dakota	[5] 112	119	115	119	142	123	105	139	119
Tennessee	409	584	540	672	688	758	699	559	567
Texas	([6])	[7] 1,557	1,292	1,579	1,801	1,924	2,033	1,715	1,548
Utah	109	153	135	178	178	180	193	186	154
Vermont	62	76	70	97	81	95	91	79	76
Virginia	413	676	592	747	826	792	811	674	770
Washington	397	492	442	596	547	601	537	471	444
West Virginia	305	411	382	416	497	501	446	376	346
Wisconsin	568	686	627	687	762	720	801	637	677
Wyoming	65	94	87	105	100	114	131	93	114
CITY									
Total registration cities [8]	14,031	16,874	16,056	18,268	17,662	18,089	18,358	15,077	14,844
Akron	82	83	85	88	84	75	84	64	66
Albany	40	42	37	47	47	49	37	33	37
Atlanta	76	105	105	108	116	124	104	87	60
Baltimore	188	207	185	225	198	186	227	176	179
Birmingham	63	76	80	74	69	88	91	58	82

For footnotes, see p. 458.

No. 496.—Motor-Vehicle Fatalities, by States and for Large Cities Having Death Registration: 1926 to 1939—Continued

City	1926–1930, average	1931–1935, average	1933	1934	1935	1936	1937	1938	1939
Boston	138	154	143	166	164	166	152	113	96
Bridgeport	36	47	51	47	50	45	51	19	39
Buffalo	156	145	144	151	146	150	183	112	114
Chicago	795	882	882	952	779	763	814	666	679
Cincinnati	135	153	143	187	163	166	176	135	122
Cleveland	281	264	248	268	256	259	292	171	154
Columbus	99	116	109	120	129	126	157	80	98
Dallas	64	85	83	90	102	95	101	67	68
Dayton	61	73	70	80	82	86	94	67	64
Denver	63	93	97	106	91	107	115	106	104
Des Moines	33	46	43	45	54	38	37	35	36
Detroit	388	333	307	336	329	402	369	226	232
Flint	44	56	56	54	77	70	99	53	50
Fort Worth	43	56	45	63	63	65	60	52	44
Grand Rapids	38	35	23	39	46	45	47	32	45
Hartford	46	54	55	59	53	61	34	40	39
Houston	77	97	103	108	108	110	114	99	94
Indianapolis	110	132	124	143	139	149	128	119	96
Jacksonville	45	59	65	60	55	52	60	54	57
Jersey City	56	58	64	73	52	54	64	35	37
Kansas City, Kans	19	35	30	47	37	47	35	22	22
Kansas City, Mo	92	115	121	122	106	108	105	96	58
Long Beach	39	56	55	59	49	59	59	56	59
Los Angeles	365	502	466	521	549	556	554	510	525
Louisville	80	102	88	123	106	114	124	72	83
Memphis	75	105	116	112	98	115	102	107	74
Milwaukee	114	90	89	79	77	80	91	52	68
Minneapolis	88	106	98	105	124	121	78	94	103
Nashville	51	69	55	65	82	98	90	63	65
New Haven	49	50	45	48	52	47	54	43	43
New Orleans	108	119	120	126	134	129	111	102	91
New York	1,191	1,158	1,146	1,135	1,045	924	970	890	865
Newark, N. J	123	102	100	90	117	106	132	62	73
Norfolk	27	39	41	40	34	35	27	36	34
Oakland	74	80	68	87	79	101	81	83	74
Oklahoma City	44	60	62	54	64	71	64	59	51
Omaha	49	60	58	67	65	52	47	42	35
Paterson	*50*	*53*	*57*	*42*	*57*	*45*	*49*	*34*	*31*
Philadelphia	346	342	367	364	303	299	340	331	321
Pittsburgh	193	166	137	143	173	169	173	133	118
Portland, Oreg	61	88	83	98	88	108	84	81	74
Providence	69	46	48	40	37	55	64	33	34
Richmond	49	79	71	79	87	84	88	56	75
Rochester	67	67	45	80	73	69	70	65	61
St. Louis	177	170	149	173	191	171	181	115	109
St. Paul	61	78	70	90	58	69	75	61	54
Salt Lake City	42	54	46	67	51	70	64	61	42
San Antonio	58	63	68	77	58	82	73	85	67
San Diego	57	69	70	63	78	60	62	56	60
San Francisco	137	129	145	115	126	108	155	110	128
Scranton	38	40	42	53	38	44	39	46	23
Seattle	85	113	105	147	115	124	112	103	86
Springfield, Mass	35	32	30	39	31	33	35	27	22
Syracuse	53	55	49	60	58	42	69	49	48
Toledo	96	106	89	113	99	97	119	81	71
Trenton	48	53	56	57	55	52	50	32	41
Tulsa	[2] 39	43	33	52	65	48	44	37	41
Washington, D. C	117	167	142	192	155	159	170	129	149
Worcester	*40*	*43*	*51*	*47*	*48*	*35*	*50*	*29*	*29*
Yonkers	22	20	27	17	14	18	20	15	20
Youngstown	63	59	52	55	77	60	80	51	55

[1] Including the District of Columbia. All States were in the registration area in 1933 and thereafter.
[2] Average, 1927–30.
[3] Average, 1928–30.
[4] Average, 1929 and 1930.
[5] 1930 only.
[6] Not in registration area.
[7] Average, 1933–35.
[8] Total covers registration cities of 10,000 or more inhabitants but only cities of over 120,000 inhabitants, according to 1930 census, are shown separately.

Source: Department of Commerce, Bureau of the Census; Vital Statistics—Special Reports, Vol. 12, No. 23, and Mortality Statistics, 1934 and 1935.

20. TRANSPORTATION, AIR AND LAND—STEAM AND ELECTRIC RAILWAYS, EXPRESS COMPANIES, MOTOR BUSSES, AND CIVIL AERONAUTICS

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

GENERAL NOTE.—The term "steam railways" as used in this section includes electrified divisions operated by such carriers. The total steam railroad mileage of the United States comprises: (*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 their annual operating revenues, class I, having more than $1,000,000 of such 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.

Class I companies make monthly reports from which data are compiled currently and published in a series of monthly statements. The yearly totals from these reports 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. 497.—STEAM RAILWAYS—MILEAGE OWNED AND MILEAGE OPERATED: 1890 TO 1940

NOTE.—Beginning with 1908 switching and terminal roads are omitted (they operate about 2,300 miles of main tracks). The first and second columns cover all railways, including "circular" and "unofficial" lines; the last 5 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	----------
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	236,848
1926	249,138	261,562	258,815	41,686	120,840	421,341	237,054
1927	249,131	262,091	259,639	42,071	123,027	424,737	238,634
1928	249,309	262,713	260,546	42,432	124,772	427,750	240,747
1929	249,433	262,546	260,570	42,711	125,774	429,055	242,015
1930	249,052	262,215	260,440	42,742	126,701	429,883	242,391
1931	248,829	261,816	259,999	42,780	127,044	429,823	242,292
1932	247,595	260,438	258,869	42,556	126,977	428,402	241,424
1933	245,703	258,465	256,741	42,397	126,526	425,664	239,797
1934	243,857	256,418	254,882	42,109	125,410	422,401	238,555
1935	241,822	254,347	252,930	41,916	124,382	419,228	237,491
1936	240,104	252,871	251,542	41,731	123,108	416,381	236,486
1937	238,539	251,829	250,582	41,579	122,411	414,572	235,168
1938	236,842	249,826	248,474	41,589	121,261	411,324	234,031
1939	235,064	248,040	246,922	41,445	119,983	408,350	233,277
1940	233,670	246,739	245,740	41,373	118,862	405,975	232,524

Source: Interstate Commerce Commission; annual report, Statistics of Railways in the United States.

No. 498.—Steam Railways—Miles of Road Owned, by States: 1860 to 1939

Note.—See headnote to table 497. The data are for the actual length of line in each State without duplication. 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]	1920	1930	1938	1939
United States[3]	30,626	52,922	93,267	163,597	193,346	240,439	252,845	249,052	236,842	235,064
New England	3,660	4,494	5,982	6,718	7,521	7,921	7,942	7,596	6,794	6,693
Maine	472	786	1,005	1,338	1,915	2,248	2,295	2,193	1,898	1,881
New Hampshire	661	736	1,015	1,145	1,239	1,246	1,252	1,165	1,013	1,003
Vermont	554	614	914	921	1,012	1,100	1,077	1,056	928	919
Massachusetts	1,264	1,480	1,915	2,094	2,119	2,115	2,106	2,022	1,857	1,792
Rhode Island	108	136	210	213	212	212	211	191	194	194
Connecticut	601	742	923	1,007	1,024	1,000	1,001	969	904	904
Middle Atlantic	5,840	9,709	13,832	18,161	20,709	21,980	22,293	21,752	20,573	20,337
New York	2,682	3,928	5,957	7,661	8,121	8,430	8,390	8,312	7,824	7,786
New Jersey	560	1,125	1,684	2,047	2,257	2,260	2,352	2,299	2,132	2,123
Pennsylvania	2,598	4,656	6,191	8,453	10,331	11,290	11,551	11,141	10,617	10,428
South Atlantic	5,976	7,349	9,789	18,270	23,362	29,795	32,380	31,644	29,870	29,628
Delaware	127	197	275	323	347	335	335	325	297	297
Dist. of Columbia	(4)	(4)	(4)	30	32	36	36	36	35	35
Maryland	386	671	1,040	1,231	1,376	1,426	1,436	1,443	1,388	1,374
Virginia	1,379	1,486	1,893	3,160	3,779	4,535	4,703	4,516	4,362	4,301
West Virginia	352	387	691	1,328	2,228	3,601	3,996	4,046	3,849	3,847
North Carolina	937	1,178	1,486	3,001	3,331	4,932	5,522	5,161	4,731	4,728
South Carolina	973	1,139	1,427	2,194	2,818	3,442	3,814	3,780	3,502	3,486
Georgia	1,420	1,845	2,459	4,532	5,652	7,056	7,326	6,671	6,425	6,335
Florida	402	446	518	2,471	3,299	4,432	5,212	5,666	5,281	5,225
East North Central	9,583	14,701	25,109	36,924	41,007	44,928	44,904	43,770	41,586	41,393
Ohio	2,946	3,538	5,792	7,912	8,807	9,134	9,002	8,804	8,518	8,508
Indiana	2,163	3,177	4,373	5,971	6,471	7,420	7,426	7,106	6,917	6,899
Illinois	2,790	4,823	7,851	10,214	11,003	11,878	12,188	12,500	12,045	11,981
Michigan	779	1,638	3,938	7,243	8,195	9,021	8,734	8,072	7,352	7,338
Wisconsin	905	1,525	3,155	5,584	6,531	7,475	7,554	7,288	6,754	6,667
West North Central	1,472	8,046	19,094	38,354	42,988	49,730	52,180	51,400	49,035	48,726
Minnesota	--------	1,092	3,151	5,466	6,943	8,669	9,114	8,779	8,463	8,458
Iowa	655	2,683	5,400	8,356	9,185	9,755	9,808	9,698	9,082	9,042
Missouri	817	2,000	3,965	6,004	6,875	8,083	8,117	7,897	7,337	7,076
North Dakota	--------	[5] 65	[5] 1,225	1,941	2,731	4,201	5,311	5,275	5,267	5,267
South Dakota	--------	(6)	(6)	2,486	2,850	3,948	4,276	4,238	4,127	4,127
Nebraska	--------	705	1,953	5,295	5,685	6,067	6,166	6,174	6,092	6,092
Kansas	--------	1,501	3,400	8,806	8,719	9,007	9,388	9,339	8,667	8,664
East South Central	3,392	4,656	6,343	11,144	13,348	17,074	17,754	17,452	16,408	16,258
Kentucky	534	1,017	1,530	2,746	3,060	3,526	3,929	4,054	3,713	3,691
Tennessee	1,253	1,492	1,843	2,752	3,137	3,816	4,078	3,940	3,669	3,594
Alabama	743	1,157	1,843	3,314	4,226	5,226	5,378	5,249	5,069	5,052
Mississippi	862	990	1,127	2,332	2,920	4,506	4,369	4,209	3,957	3,921
West South Central	680	1,417	5,044	13,782	18,221	31,122	32,972	33,227	31,995	31,687
Louisiana	335	450	652	1,759	2,824	5,554	5,223	4,654	4,449	4,422
Texas	307	711	3,244	8,613	9,886	14,282	16,125	17,069	16,473	16,425
Oklahoma	--------	--------	289	1,214	2,151	5,980	6,572	6,678	6,535	6,313
Arkansas	38	256	859	2,196	3,360	5,306	5,052	4,826	4,538	4,527
Mountain	--------	1,466	5,082	12,676	15,808	22,956	25,170	24,973	23,902	23,693
Montana	--------	--------	106	2,181	3,010	4,207	5,072	5,228	5,203	5,191
Wyoming	--------	459	512	942	1,229	1,645	1,931	2,036	2,010	2,010
Colorado	--------	157	1,570	4,176	4,587	5,533	5,519	4,972	4,641	4,560
New Mexico	--------	--------	758	1,324	1,753	3,032	2,972	2,973	2,862	2,844
Arizona	--------	--------	349	1,097	1,512	2,097	2,478	2,494	2,240	2,234
Utah	--------	257	842	1,090	1,547	1,986	2,161	2,196	2,157	2,086
Nevada	--------	593	739	925	909	2,277	2,160	2,109	1,935	1,932
Idaho	--------	--------	206	941	1,261	2,179	2,877	2,965	2,854	2,836
Pacific	23	1,084	2,992	7,567	10,389	14,932	17,248	17,238	16,679	16,649
Washington	--------	--------	289	1,783	2,914	4,875	5,587	5,542	5,281	5,268
Oregon	--------	159	508	1,428	1,724	2,285	3,305	3,456	3,428	3,406
California	23	925	2,195	4,356	5,751	7,772	8,356	8,240	7,970	7,975
Alaska Territory	--------	--------	--------	--------	22	390	246	790	732	536
Hawaii Territory	--------	--------	--------	--------	--------	175	243	232	200	192

[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; annual report, Statistics of Railways in the United States.

No. 499.—Steam Railways—Miles of Road Owned and Operated: 1842 to 1940

Note.—See note to table 497. 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	1899	189,295	187,535	1920	252,845	259,941
1850	----------	9,021	1900	193,346	192,556	1921	251,176	258,362
1855	----------	18,374	1901	197,237	195,562	1922	250,413	257,425
1860	----------	30,626	1902	202,472	200,155	1923	250,222	258,084
1865	----------	35,085	1903	207,977	205,314	1924	250,156	258,238
1870	----------	52,922	1904	213,904	212,243	1925	249,398	258,631
1875	----------	74,096	1905	218,101	216,974	1926	249,138	258,815
1880	----------	93,262	1906	224,363	222,340	1927	249,131	259,639
1885	----------	128,320	1907	229,951	227,455	1928	249,309	260,546
1887	----------	149,214	1908	233,468	230,494	1929	249,433	260,570
1888	----------	156,114	1909	236,834	235,402	1930	249,052	260,440
1889	----------	161,276	1910	240,293	240,831	1931	248,829	259,999
1890	163,597	156,404	1911	243,979	246,238	1932	247,595	258,869
1891	168,403	161,275	1912	246,777	249,852	1933	245,703	256,741
1892	171,564	162,397	1913	249,777	253,470	1934	243,857	254,882
1893	176,461	169,780	1914	252,105	256,547	1935	241,822	252,930
1894	178,709	175,691	1915	253,789	257,569	1936	240,104	251,542
1895	180,657	177,746	1916	254,037	259,705	1937	238,530	250,582
1896	182,777	181,983	1917	253,626	259,705	1938	236,842	248,474
1897	184,428	183,284	1918	253,529	258,507	1939	235,064	246,022
1898	186,396	184,648	1919	253,152	258,525	1940	233,670	245,740

Source: Poor's Manual of Railroads prior to 1890; thereafter, Interstate Commerce Commission; annual report, Statistics of Railways in the United States.

No. 500.—Steam Railways (Class I)—Mileage Operated, Locomotives and Freight-Car Capacity, by Districts: 1920 to 1939

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 504.

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:								
1920	235,234	36,737	105,408	377,379	64,746	2,340,761	36,365	98,343
1925	236,848	40,817	113,874	391,539	63,974	2,586,868	40,666	105,570
1930	242,391	42,584	123,024	407,999	56,493	2,526,940	45,225	106,180
1931	242,292	42,627	123,318	408,237	55,055	2,488,861	45,764	103,422
1932	241,424	42,404	123,241	407,069	53,217	2,430,328	46,299	100,901
1933	239,797	42,248	122,863	404,908	50,802	2,348,821	46,916	96,734
1934	238,555	41,998	121,878	402,431	48,184	2,263,267	47,712	92,969
1935	237,491	41,768	121,012	400,271	46,456	2,206,201	48,367	88,677
1936	236,486	41,584	119,774	397,844	44,979	2,162,699	48,972	85,721
1937	235,168	41,452	119,013	395,633	44,442	2,155,555	49,412	85,808
1938	234,031	41,475	118,035	393,541	43,466	2,123,464	49,803	84,032
1939	233,277	[1] 41,328	116,830	391,435	41,960	2,072,110	50,395	82,002
Eastern district:								
1920	59,513	21,734	42,387	123,634	29,478	1,102,551	37,762	49,543
1925	59,249	22,882	45,054	127,185	28,409	1,193,573	42,408	51,449
1930	60,014	23,131	46,552	129,697	24,247	1,108,965	46,531	50,618
1935	58,815	22,429	45,253	126,497	19,856	958,695	49,867	43,555
1938	57,830	22,252	43,527	123,609	18,412	909,063	51,091	39,921
1939	57,550	22,129	42,795	122,474	17,790	881,811	51,403	38,711
Southern district:								
1920	43,799	4,436	17,080	65,315	10,740	392,332	36,625	16,980
1925	44,241	5,707	19,199	69,147	11,158	457,579	41,112	18,968
1930	46,087	6,377	21,882	74,346	10,717	483,145	45,404	19,871
1935	44,954	6,349	21,743	73,046	8,767	421,776	48,519	16,637
1938	44,522	6,332	21,284	72,138	8,269	409,476	49,960	16,616
1939	44,380	6,328	21,112	71,820	7,909	398,376	50,833	16,473
Western district:								
1920	131,922	10,567	45,941	188,430	24,528	845,878	34,584	31,820
1925	133,359	12,228	49,620	195,207	24,407	935,716	38,448	35,153
1930	136,290	13,076	54,590	203,956	21,529	934,830	43,682	35,691
1935	133,722	12,990	54,016	200,728	17,833	825,730	46,662	28,485
1938	131,679	12,891	53,224	197,794	16,785	804,925	48,350	27,495
1939	131,347	12,871	52,923	197,141	16,261	791,923	49,112	26,818

[1] Second track, 35,980 miles; all other tracks, 5,348 miles.

Source: Interstate Commerce Commission; annual report, Statistics of Railways in the United States.

No. 501.—Steam Railways (Class I)—Mileage of Road and Tracks Operated, by Districts: 1920 to 1939

Note.—Figures include some mileage in Canada operated by United States companies as follows: 1920, 1,949 miles; 1925, 3,087 miles; 1930, 2,898 miles; 1935, 2,662 miles; 1937, 2,346 miles; 1938, 2,337 miles; 1939, 2,311, consisting of 1,395 miles of first main track, 482 miles of second main track, and 434 miles of yard track and sidings. Figures also include some industrial tracks as follows: 1925, 20,407 miles; 1930, 21,694 miles; 1935, 21,151 miles; not available for 1937, 1938, and 1939.

District and year ended Dec. 31	Total, all tracks	Road (first main track)	Second main track	All other main tracks	Yard track and sidings	Electrified mileage: Total track	Electrified mileage: Road (first main track)	Electrified mileage: Other main tracks	Electrified mileage: Yard track and sidings
All districts:									
1920	377,379	235,234	31,512	5,225	105,408	3,132	1,449	900	783
1925	391,539	236,848	35,200	5,617	113,874	[1] 3,597	[1] 1,674	971	952
1930	407,999	242,391	36,755	5,829	123,024	5,098	2,381	1,432	1,285
1935	400,271	237,491	36,098	5,670	121,012	6,159	2,686	1,887	1,586
1937	395,633	235,168	35,987	5,465	119,013	6,127	2,671	1,885	1,571
1938	393,541	234,031	36,066	5,409	118,035	6,855	2,922	2,257	1,676
1939	391,435	233,277	35,980	5,348	116,830	6,770	2,844	2,243	1,683
Eastern district:									
1937	124,431	58,213	17,577	4,614	44,027	4,034	1,408	1,611	1,015
1938	123,609	57,830	17,688	4,564	43,527	4,829	1,704	2,021	1,104
1939	122,474	57,550	17,619	4,510	42,795	4,846	1,689	2,020	1,137
Southern district:									
1937	72,449	44,718	5,892	446	21,393	673	266	196	211
1938	72,138	44,522	5,892	440	21,284	669	264	195	210
1939	71,820	44,380	5,887	441	21,112	611	222	192	197
Western district:									
1937	198,753	132,237	12,518	405	53,593	1,420	997	78	345
1938	197,794	131,679	12,486	405	53,224	1,357	954	41	362
1939	197,141	131,347	12,474	397	52,923	1,313	933	31	349

[1] Does not include 43 miles of electric street railways operated by Boston & Maine Railroad.

No. 502.—Steam Railways (Class I)—Equipment Installed and Retired: 1915 to 1939

Note.—"Installed" includes new and used equipment purchased; equipment leased from others; the return to service of equipment that was leased to others; equipment rebuilt or converted; and units (except locomotives, since 1925) transferred from one class of service to another. "Retired" includes equipment permanently withdrawn from transportation service; equipment leased to others; the return of leased equipment to the owning companies; equipment rebuilt or converted; and units (except locomotives, since 1925) transferred from one class of service to another.

Year ended—	Locomotives: Number installed	Locomotives: Number retired	Freight-train cars: Number installed	Freight-train cars: Number retired	Passenger-train cars: Number installed	Passenger-train cars: Number retired
June 30, 1915	1,114	1,507	86,012	90,347	2,664	1,385
1916	1,475	2,576	88,254	109,996	1,261	2,156
Dec. 31, 1917	2,148	1,423	117,210	62,253	2,535	1,671
1918	2,803	977	65,249	56,024	1,817	1,051
1919	2,062	999	76,019	43,274	435	670
1920	1,017	1,254	36,044	75,197	621	885
1921	1,330	1,130	63,406	69,245	1,681	929
1922	1,226	1,682	105,394	126,471	1,328	1,286
1923	4,360	3,746	232,060	213,789	2,658	2,360
1924	2,786	2,529	156,572	118,590	2,755	2,295
1925	1,600	2,873	130,083	128,573	3,230	3,569
1926	[1] 1,882	[1] 3,105	93,369	103,152	3,455	3,309
1927	[1] 1,542	[1] 2,976	73,254	96,991	2,646	3,612
1928	[1] 1,017	[1] 3,047	62,945	90,707	2,524	3,252
1929	[1] 1,229	[1] 3,184	94,946	115,869	2,663	3,499
1930	[1] 1,160	[1] 2,204	81,038	82,101	1,900	2,036
1931	[1] 482	[1] 1,802	14,910	82,828	697	1,938
1932	[1] 477	[1] 2,316	8,545	69,394	579	1,928
1933	[1] 268	[1] 2,681	6,410	117,268	607	3,443
1934	[1] 312	[1] 2,912	31,366	129,026	703	3,368
1935	[1] 424	[1] 2,150	18,496	122,346	730	3,049
1936	[1] 1,054	[1] 1,798	75,979	131,754	1,123	1,631
1937	[1] 877	[1] 1,321	91,128	105,324	1,074	1,413
1938	[1] 395	[1] 1,237	25,721	70,235	642	1,592
1939	[1] 497	[1] 1,780	31,421	82,274	462	1,343

[1] Excludes units transferred from 1 class of service to another.

Source of tables 501 and 502: Interstate Commerce Commission; annual report, Statistics of Railways in the United States.

No. 503.—Steam Railways (All Reporting Companies)—Equipment in Service: 1922 to 1939

Note.—"All reporting companies" include switching and terminal but not circular and unofficial lines. Data for tractive effort and capacity of cars exclude switching roads, also 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.

Year ended Dec. 31	Locomotives					Freight-train cars [1]			Passenger-train cars
	Total number [2]	Steam			Electric locomotive units [3]	Total number	Capacity [4]		
		Number	Tractive effort [4]				Aggregate (1,000 tons)	Average (tons)	
			Aggregate (1,000 lbs.)	Average (lbs.)					
1922	68,518	68,121	2,401,452	37,441	397	2,352,483	98,847	43.1	56,827
1923	69,414	69,005	2,544,115	39,177	409	2,379,131	101,318	43.8	57,159
1924	69,486	69,114	2,593,178	39,891	372	2,411,627	104,149	44.3	57,451
1925	68,092	67,713	2,586,868	40,666	379	2,414,083	105,570	44.8	56,814
1926	66,816	66,381	2,611,238	41,886	435	2,403,967	105,953	45.1	56,855
1927	65,348	64,843	2,606,171	42,798	467	2,378,800	105,846	45.5	55,729
1928	63,311	62,642	2,579,643	43,838	617	2,346,751	105,322	45.8	54,800
1929	61,257	60,572	2,550,813	44,801	621	2,323,683	105,411	46.3	53,838
1930	60,189	59,406	2,526,940	45,225	663	2,322,267	106,180	46.6	53,584
1931	58,652	57,820	2,488,861	45,764	709	2,245,904	103,422	47.0	52,096
1932	56,732	55,831	2,430,328	46,299	764	2,184,690	100,901	47.0	50,598
1933	54,228	53,302	2,348,821	46,916	789	2,072,632	96,734	47.5	47,677
1934	51,423	50,405	2,263,267	47,712	805	1,973,247	92,969	48.0	44,884
1935	49,541	48,477	2,206,201	48,367	884	1,867,381	88,677	48.3	42,426
1936	48,009	46,923	2,162,609	48,972	858	1,790,043	85,721	48.8	41,390
1937	47,555	46,342	2,155,555	49,412	872	1,776,428	85,808	49.2	40,949
1938	46,544	45,210	2,123,464	49,803	882	1,731,096	84,032	49.4	39,931
1939	45,172	43,604	2,072,110	50,395	879	1,680,519	82,002	49.7	38,977

[1] Excludes caboose cars. [2] Includes locomotives other than classes shown beginning 1927.
[3] Figures prior to 1928 represent "number of locomotives." [4] Class I roads.

No. 504.—Steam Railways—Cars in Service, by Class: 1925 to 1939

Note.—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, 1939			
	1925	1930	1935	1938	1939	Total	Eastern district	Southern district	Western district
Freight-train cars [1]	2,414,083	2,322,267	1,867,381	1,731,096	1,680,519	1,650,031	732,648	332,776	584,607
Box	1,086,562	1,064,652	812,776	736,854	707,877	704,472	279,647	117,780	307,045
Flat	113,562	108,181	83,405	70,416	67,177	62,032	11,428	9,670	40,934
Stock	87,452	84,460	68,455	58,821	56,127	55,967	7,135	4,766	44,066
Coal	979,483	930,624	793,776	801,891	788,764	770,430	421,231	190,122	159,077
Tank	12,151	10,981	9,266	8,950	8,919	8,127	16	12	8,099
Refrigerator	49,488	41,006	26,703	23,232	22,071	22,039	635	2,568	18,836
Other	85,385	82,363	73,000	30,932	29,584	26,964	12,556	7,858	6,550
Steel [2]	757,065	854,864	809,612	891,498	903,104	903,104	540,974	198,902	163,228
Steel underframe [2]	1,056,125	1,118,257	908,252	730,218	679,642	679,642	189,430	114,563	375,649
Caboose cars	31,325	29,779	24,994	23,064	22,449	21,681	8,796	4,096	8,789
Passenger-train cars	56,814	53,584	42,426	39,931	38,977	38,427	20,259	5,372	12,796
Coaches	(3)	(3)	(3)	18,124	17,827	17,644	10,543	2,237	4,864
Combination coach	(3)	(3)	(3)	3,416	3,279	3,003	1,549	432	1,022
Parlor and sleeping [4]	(3)	(3)	(3)	430	439	438	65	29	344
Dining	(3)	(3)	(3)	1,574	1,549	1,548	591	233	724
Club, lounge, and observation	(3)	(3)	(3)	360	367	367	44	19	304
Postal	(3)	(3)	(3)	1,918	1,865	1,865	892	290	683
Baggage, express, and other non-passenger	(3)	(3)	(3)	13,705	13,261	13,196	6,435	2,089	4,672
Other passenger	(3)	(3)	(3)	105	106	100	84	8	8
Other passenger-train	(3)	(3)	(3)	299	284	266	56	35	175
Steel [2]	21,190	29,041	28,951	29,637	29,800	29,800	16,523	3,887	9,390
Steel underframe [2]	9,369	10,376	8,394	7,273	6,781	6,781	3,388	1,189	2,204
Company service equipment	112,592	109,527	79,584	80,116	77,077	74,795	24,489	13,447	36,859
Motor cars and trailers [2]	2,469	5,594	4,545	4,455	4,170	4,170	3,150	382	638

[1] Excludes caboose cars. [3] No comparable data available because of change in classification.
[2] Data represent class I roads only. [4] Does not include cars owned by Pullman Co.

Source of tables 503 and 504: Interstate Commerce Commission; annual report, Statistics of Railways in the United States.

No. 505.—Steam Railways—Number and Compensation of Employees[1]

Year ended—	All operating carriers: Average number of employees	Total yearly compensation (1,000 dollars)	Average compensation: Per hour[2]	Average compensation: Per year
June 30:				
1890	749,301	-------	-------	-------
1895	785,034	445,508	-------	$568
1900	1,017,653	577,265	-------	567
1905	1,382,196	839,945	-------	608
1909	1,502,823	988,324	-------	658
1910	1,699,420	1,143,725	-------	673
1911	1,669,809	1,208,466	-------	724
June 30:				
1912	1,716,380	1,252,348	-------	$730
1913	1,815,239	1,373,831	-------	757
1914	1,710,296	1,381,117	-------	808
1916	1,654,075	1,403,968	$0.266	849
Dec. 31:				
1916	1,700,814	1,506,961	.275	886
1917	1,785,893	1,782,965	-------	998

Year ended Dec. 31—	All operating carriers: Average number of employees	Class I carriers: Average number of employees	Total hours (thousands)	Total yearly compensation (1,000 dollars)	Average hours per employee	Average compensation: Per hour[2]	Average compensation: Per year
1918[3]	1,891,517	1,841,575	5,701,417	2,613,813	3,095.9	$0.458	$1,419
1919[3]	1,960,439	1,913,422	5,032,493	2,843,128	2,630.1	.565	1,486
1920	2,075,886	2,022,832	5,446,741	3,681,801	2,692.6	.676	1,820
1921	1,705,308	1,659,513	4,147,319	2,765,218	2,499.1	.667	1,666
1922	1,669,640	1,626,834	4,311,097	2,640,817	2,650.0	.613	1,623
1923	1,902,222	1,857,674	4,928,651	3,004,072	2,653.1	.610	1,617
1924	1,795,493	1,751,362	4,534,879	2,825,775	2,589.3	.623	1,613
1925	1,786,411	1,744,311	4,531,361	2,860,600	2,597.8	.631	1,640
1926	1,821,804	1,779,275	4,671,736	2,946,114	2,625.6	.631	1,656
1927	1,775,549	1,735,105	4,519,281	2,910,183	2,604.6	.644	1,677
1928	1,691,950	1,656,411	4,313,574	2,826,590	2,604.2	.655	1,706
1929	1,694,042	1,660,850	4,346,822	2,896,566	2,617.2	.666	1,744
1930	1,517,043	1,487,839	3,759,772	2,550,789	2,527.0	.678	1,714
1931	1,282,825	1,258,719	3,039,110	2,094,994	2,414.4	.689	1,664
1932	1,052,285	1,031,703	2,378,206	1,512,816	2,305.1	.636	1,466
1933	990,830	971,196	2,233,045	1,403,841	2,299.3	.629	1,445
1934	1,027,426	1,007,702	2,303,899	1,519,352	2,375.6	.635	1,508
1935	1,013,654	994,371	2,397,353	1,643,879	2,410.9	.686	1,653
1936	1,086,405	1,065,624	2,675,345	1,848,636	2,510.6	.691	1,735
1937	1,136,912	1,114,663	2,799,539	1,985,447	2,511.6	.709	1,781
1938	958,280	939,171	2,329,606	1,746,141	2,480.5	.750	1,859
1939	1,006,711	987,675	2,488,635	1,863,334	2,519.7	.749	1,887
1940	1,045,738	1,026,848	2,615,905	1,964,125	2,547.5	.751	1,913

[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. Information for 1915 is incomplete, as 20 of the larger railways did not report, and is not shown.
[2] Calculated for all classes of employees, including those not paid on an hourly basis.
[3] Data cover Federal reports, reports of companies not under Federal control, and corporate reports.

Source: Interstate Commerce Commission; annual report, Statistics of Railways in the United States. See last paragraph of general note, p. 459, regarding current data.

No. 506.—Steam Railways (Class I)—Number and Compensation of Employees, by Districts and by Class: 1939 and 1940

Note.—Data relate to years ended Dec. 31. Class I switching and terminal companies are included.

District or class	Average number of employees: 1939	Average number of employees: 1940	Total compensation (1,000 dollars): 1939	Total compensation (1,000 dollars): 1940	Average per day or hour, straight time (dollars): 1939	Average per day or hour, straight time (dollars): 1940	Average per month, total compensation (dollars): 1939	Average per month, total compensation (dollars): 1940
All employees, all districts	1,017,770	1,059,203	1,920,978	2,028,105	-------	-------	-------	-------
Daily basis	84,996	85,515	245,390	248,970	8.91	8.95	241	243
Hourly basis	932,774	973,688	1,675,588	1,779,135	.705	.698	150	152
Eastern district	437,099	464,270	842,147	904,934	-------	-------	-------	-------
Daily basis	38,762	39,124	107,032	109,463	8.54	8.61	230	233
Hourly basis	398,337	425,146	735,115	795,471	.740	.732	154	156
Southern district	184,471	193,874	329,835	352,943	-------	-------	-------	-------
Daily basis	14,439	14,697	44,010	45,174	9.41	9.42	254	256
Hourly basis	170,032	179,177	285,825	307,769	.660	.656	140	143
Western district	396,200	401,059	748,996	770,228	-------	-------	-------	-------
Daily basis	31,795	31,694	94,348	94,333	9.13	9.15	247	248
Hourly basis	364,405	369,365	654,648	675,895	.688	.679	150	152

No. 506.—Steam Railways (Class I)—Number and Compensation of Employees, by Districts and by Class: 1939 and 1940—Continued

District or class	Average number of employees		Total compensation (1,000 dollars)		Average per day or hour, straight time (dollars)		Average per month, total compensation (dollars)	
	1939	1940	1939	1940	1939	1940	1939	1940
Executives, officials, and staff assistants	12,162	12,287	70,294	71,143				
Daily basis	12,162	12,287	70,294	71,143	18.30	18.22	482	483
Professional, clerical, and general	168,263	171,095	328,958	335,576				
Daily basis	37,359	37,701	95,940	97,056	8.24	8.23	214	215
Hourly basis	130,904	133,394	233,018	238,520	.704	.701	148	149
Maintenance of way and structures	205,867	212,222	255,907	269,495				
Daily basis	3,639	3,764	11,078	11,445	9.56	9.50	254	253
Hourly basis	202,228	208,458	244,829	258,050	.514	.519	101	103
Maintenance of equipment and stores	271,453	288,370	471,999	507,942				
Daily basis	9,348	9,539	29,141	29,809	9.34	9.31	260	260
Hourly basis	262,105	278,831	442,858	478,133	.697	.698	141	143
Transportation (other than train service, engine, and yard)	129,910	132,951	213,764	221,326				
Daily basis	18,442	17,922	25,182	24,841	3.98	4.03	114	116
Hourly basis	111,468	115,029	188,582	196,485	.637	.637	141	142
Transportation (yardmasters, switchtenders, and hostlers)	13,077	13,592	32,824	34,631				
Daily basis	4,046	4,302	13,755	14,676	9.35	9.33	283	284
Hourly basis	9,031	9,290	19,069	19,955	.745	.745	176	179
Transportation (train and engine service)	217,038	228,686	547,232	587,992				
Hourly basis	217,038	228,686	547,232	587,992	.906	.908	210	214

Source: Interstate Commerce Commission; annual report, Wage Statistics of Class I Steam Railways in the United States.

No. 507.—Steam Railways—Receiverships and Trusteeships: 1881–1940

Year (calendar, except as noted)	Under receivership end of year [1]		Placed under receivership			Year (calendar, except as noted)	Under receivership end of year [1]		Placed under receivership		
	Number	Mileage operated	Number	Miles	Stocks and bonds (1,000 dollars)		Number	Mileage operated	Number	Miles	Stocks and bonds (1,000 dollars)
1881			5	110	3,742	1911	39	4,593	5	2,606	210,607
1882			12	912	39,074	1912	44	9,786	13	3,784	182,112
1883			11	1,990	108,470	1913	49	16,286	17	9,020	477,781
1884			37	11,038	714,755	1914	68	18,608	22	4,222	199,571
1885			44	8,836	385,460	1915	85	30,223	12	20,143	1,070,809
1886			13	1,799	70,346	1916	80	34,804	9	4,439	208,160
1887			9	1,046	90,318	1917	82	17,376	19	2,486	61,170
1888			22	3,270	186,814	1918	74	19,208	8	3,519	242,091
1889			22	3,803	99,664	1919	65	16,590	7	244	11,887
1890			26	2,963	105,007	1920	61	16,290	10	541	21,620
1891			26	2,159	84,479	1921	68	13,512	14	1,744	63,872
1892			36	10,508	357,692	1922	64	15,259	12	4,330	329,115
1893			74	29,340	1,781,046	1923	64	12,623	10	2,218	87,914
1894	192	40,819	38	7,025	395,791	1924	61	8,105	11	920	30,223
1895	169	37,856	31	4,089	369,075	1925	53	18,687	6	11,368	680,422
1896	151	30,475	34	5,441	275,597	1926	45	17,632	6	88	2,821
1897	128	18,862	18	1,537	92,909	1927	40	16,752	6	924	45,237
1898	94	12,745	18	2,069	138,701	1928	33	5,256	1	19	529
1899	71	9,853	10	1,019	52,285	1929	29	5,703	3	634	30,981
1900	52	4,178	16	1,165	78,234	1930	30	9,486	4	4,752	277,324
1901	45	2,497	4	73	1,627	1931	45	12,970	19	5,195	432,152
1902	27	1,475	5	278	5,835	1932	55	22,545	13	11,817	626,577
1903	27	1,185	9	229	18,823	1933 [2]	78	41,698	32	25,124	1,750,397
1904	28	1,323	8	744	36,069	1934 [2]	80	42,168	4	1,016	51,074
1905	26	796	10	3,593	176,321	1935 [2]	87	68,345	13	27,124	2,168,871
1906	34	3,971	6	204	55,042	1936 [2]	91	69,712	10	1,874	165,278
1907	29	3,926	7	317	13,585	1937 [2]	109	70,884	27	2,110	199,093
1908	52	9,529	24	8,009	596,359	1938 [2]	109	76,938	9	6,997	730,287
1909	44	10,530	5	859	78,095	1939 [2]	108	77,013	3	734	78,869
1910	39	5,257	7	735	51,428	1940 [2]	103	75,270			

[1] Data relate to June 30 prior to 1916, Dec. 31 thereafter. [2] Includes roads under trusteeship.

Source: Interstate Commerce Commission; annual report, Statistics of Railways in the United States, for first 2 columns and all data beginning with 1933; The Railway Age, Chicago, for other data.

No. 508.—Steam Railways (All Reporting Companies)—Capitalization: 1890 to 1939

Note.—All amounts except "per mile of road" in millions of dollars. Switching and terminal companies excluded beginning with 1910; their total capitalization in 1939 was $801,034,169. 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, percent of total
June 30, 1890	8,984	3,803	606	4,575	964	443	7,577	----------	3,445	4,132	54.5
1900	11,491	4,522	1,323	5,646	1,470	473	9,548	----------	4,375	5,172	54.2
1910	18,417	6,710	1,403	10,304	2,555	1,486	14,376	62,819	5,559	8,817	61.3
Dec. 31, 1920	21,891	7,215	1,898	12,778	2,407	2,490	16,994	68,787	6,707	10,287	60.5
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	2,799	18,191	74,460	6,885	11,305	62.1
1926	23,677	7,560	1,925	14,192	2,655	2,788	18,234	74,398	6,831	11,403	62.5
1927	23,614	7,683	1,980	13,951	2,906	2,571	18,137	73,984	6,756	11,381	62.7
1928	23,747	7,809	2,034	13,904	2,759	2,477	18,511	75,316	7,084	11,427	61.7
1929	23,983	7,853	2,065	14,065	2,705	2,598	18,680	75,598	7,213	11,467	61.4
1930	24,331	8,009	2,074	14,248	2,897	2,368	19,066	77,343	7,186	11,880	62.3
1931	24,344	8,031	2,049	14,264	2,969	2,434	18,941	76,822	7,111	11,830	62.5
1932	24,837	8,067	2,047	14,723	3,056	2,887	18,894	76,057	7,058	11,836	62.6
1933	24,723	8,057	2,042	14,624	2,924	2,968	18,831	77,214	7,175	11,656	61.9
1934	24,570	7,994	2,044	14,532	2,999	2,918	18,653	77,090	7,039	11,614	62.3
1935	24,247	7,987	2,036	14,224	3,022	2,883	18,342	76,389	7,002	11,340	61.8
1936	24,003	7,993	2,036	13,974	2,933	2,734	18,336	76,910	7,095	11,241	61.3
1937	24,123	8,064	2,050	14,009	3,045	2,759	18,319	77,280	7,069	11,250	61.4
1938	23,855	8,040	2,049	13,766	3,067	2,800	17,988	76,449	7,022	10,966	61.0
1939	23,609	8,025	2,050	13,534	3,084	2,827	17,698	75,701	6,991	10,707	60.5

No. 509.—Steam Railways—Stock Outstanding, Dividends, and Interest: 1891 to 1939

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 beginning with 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.)	Percent paying dividends	Amount declared (1,000 dolls.)	Percent on stock paying dividends	Percent 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	436,178
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	57.39	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
1927	9,539,491	6,701,427	70.25	567,281	8.47	5.95	583,452
1928	9,722,079	7,159,989	73.65	510,018	7.12	5.25	578,831
1929	9,847,311	7,506,265	76.23	560,902	7.47	5.70	580,770
1930	10,011,538	7,702,021	76.93	603,150	7.83	6.02	588,742
1931	10,008,413	7,325,664	73.20	401,463	5.48	4.01	592,866
1932	10,042,762	3,298,822	32.85	150,774	4.57	1.50	591,340
1933	10,027,092	3,119,282	31.11	158,790	5.09	1.58	590,230
1934	9,958,550	3,411,520	34.26	211,767	6.21	2.13	569,760
1935	9,925,202	3,412,968	34.39	202,568	5.94	2.04	559,187
1936	9,929,650	3,594,789	36.20	231,733	6.45	2.33	548,452
1937	9,812,663	3,890,177	39.64	227,596	5.85	2.32	532,237
1938	9,788,412	3,139,486	32.07	136,270	4.34	1.39	521,758
1939	9,773,557	3,190,115	32.64	179,412	5.62	1.84	512,283

Source of tables 508 and 509: Interstate Commerce Commission; annual report, Statistics of Railways in the United States.

No. 510.—Steam Railways—Securities Actually Outstanding: 1925 to 1939

Note.—All figures in thousands of dollars. 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 ended Dec. 31—	All railroads				Class I	Class II	Class III	Non-operating subsidiaries
	All districts	Eastern district	Southern district	Western district				
Total:								
1925	21,734,096	8,527,168	3,444,426	9,762,502	18,098,164	437,022	86,157	3,112,753
1930	22,782,889	9,128,919	3,658,575	9,995,395	19,006,276	349,079	64,814	3,362,720
1935	22,079,551	9,210,379	3,401,012	9,468,160	18,530,040	300,476	53,426	3,195,609
1938	21,428,320	9,165,363	3,355,336	8,907,621	18,083,268	285,438	45,902	3,013,712
1939	21,193,501	8,998,536	3,329,845	8,865,120	17,853,315	263,737	44,817	3,031,632
Stock:								
1925	9,413,101	3,771,338	1,324,472	4,317,291	7,633,456	253,208	56,452	1,469,985
1930	10,011,538	4,290,108	1,461,628	4,259,802	8,267,129	207,556	45,068	1,491,785
1935	9,925,202	4,325,471	1,431,397	4,168,334	8,218,994	194,922	38,217	1,473,069
1938	9,788,412	4,370,498	1,445,130	3,972,784	8,148,602	190,070	33,458	1,416,282
1939	9,773,557	4,366,813	1,439,322	3,967,422	8,149,343	173,978	32,057	1,418,179
Funded debt:								
1925	12,320,995	4,755,830	2,119,954	5,445,211	10,464,708	183,814	29,705	1,642,768
1930	12,771,351	4,838,811	2,196,947	5,735,593	10,739,147	141,523	19,746	1,870,935
1935	12,154,349	4,884,908	1,969,615	5,299,826	10,311,046	105,554	15,209	1,722,540
1938	11,639,908	4,794,865	1,910,206	4,934,837	9,934,666	95,368	12,444	1,597,430
1939	11,419,944	4,631,723	1,890,523	4,897,698	9,703,972	89,759	12,760	1,613,453
1939								
Common stock	7,751,290	3,702,102	1,223,735	2,825,453	6,283,453	157,887	31,409	1,278,541
Preferred stock	2,022,267	664,711	215,587	1,141,969	1,865,890	16,091	648	139,638
Mortgage bonds	9,054,206	3,622,297	1,541,983	3,889,926	7,472,685	80,399	12,156	1,488,966
Collateral trust bonds	776,844	403,106	169,923	203,815	705,593	4,121	16	67,114
Income bonds	312,204	11,855	9,993	290,356	288,336	3,308	498	20,062
Miscellaneous obligations	850,418	397,502	66,201	386,715	811,957	1,826	90	36,545
Equipment obligations	426,272	196,963	102,423	126,886	425,401	105	--------	766

No. 511.—Steam Railways—Investment, Income, and Dividends: 1916 to 1939

Note.—All figures, except as indicated, in thousands of dollars. No data for switching and terminal companies are included. Investment is as reported by the carrier and should not be confused with the tentative valuation fixed by the Interstate Commerce Commission.

Year ended Dec. 31—	Investment [1]	Investment per mile of road	Net railway operating income	Return on investment	Other income [2]	Interest, rents, and other deductions [2]	Dividends declared [2]
		Dollars		*Percent*			
1916	17,842,777	74,466	1,058,506	5.93	213,324	623,180	311,876
1919	19,300,121	79,974	454,132	2.35	(3)	[4] 630,559	281,569
1920	19,849,320	81,954	12,101	.06	(3)	[4] 640,516	275,348
1921	20,329,224	84,530	601,139	2.96	[4] 375,001	[4] 662,375	403,991
1922	20,580,001	86,004	769,411	3.74	[4] 265,033	[4] 655,647	275,722
1923	21,372,858	89,619	974,918	4.56	[4] 260,655	[4] 667,616	353,127
1924	22,182,267	93,233	984,463	4.44	[4] 269,188	[4] 684,559	325,983
1925	23,217,209	94,917	1,136,728	4.89	272,102	706,272	349,089
1926	23,880,740	97,433	1,229,020	5.15	301,541	718,984	411,208
1927	24,453,871	99,546	1,077,842	4.41	314,396	722,485	503,146
1928	24,875,984	100,974	1,182,467	4.75	323,310	720,776	436,217
1929	25,465,036	103,197	1,262,636	4.96	362,363	728,428	495,245
1930	26,051,000	105,661	874,154	3.36	361,196	716,730	511,259
1931	26,094,899	105,953	528,204	2.02	307,785	708,622	333,986
1932	26,086,991	106,337	326,332	1.25	220,092	701,500	97,245
1933	25,901,962	106,437	477,326	1.84	213,592	703,745	98,443
1934	25,681,608	106,279	465,896	1.81	203,941	694,360	136,018
1935	25,500,465	106,339	505,415	1.98	186,228	686,688	131,448
1936	25,432,388	106,783	675,600	2.66	182,821	693,479	175,332
1937	25,636,082	108,235	597,841	2.33	176,322	676,276	172,795
1938	25,595,739	108,871	376,865	1.47	156,841	660,298	85,329
1939	25,538,157	109,331	595,961	2.33	162,599	665,054	129,386

[1] Prior to 1925 figures include investment of leased lines and exclude investment of proprietary companies not rendering annual reports. Beginning with 1925, the investment in road and equipment of proprietary companies is included as follows: 1925, $480,216,000; 1926, $831,574,000; 1927, $919,095,000; 1928, $1,013,752,000; 1929, $1,051,469,000; 1930, $1,095,631,000; 1931, $1,114,637,000; 1932, $1,121,945,000; 1933, $1,096,264,000; 1934, $890,581,000; 1935, $861,716,000; 1936, $861,696,000; 1937, $848,173,000; 1938, $840,033,000; 1939, $853,848,000. No allowance is made for cash and material and supplies, and no deduction is made for depreciation.

[2] Does not include returns for lessor companies.

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

[4] Does not include returns for class II and class III companies.

Source of tables 510 and 511: Interstate Commerce Commission; annual report, Statistics of Railways in the United States.

No. 512.—Steam-Railway Freight Service—Train Miles, Car Miles, Tonnage and Related Averages: 1891 to 1940

Note.—Figures prior to 1916 relate to years ended June 30, thereafter to calendar years. Switching and terminal roads excluded beginning with 1908, except as noted. The tonnage "per loaded car" for "All roads" is based on revenue tonnage only; and for "Class I roads" on revenue and nonrevenue tonnage. Tons are of 2,000 pounds.

Class and year or yearly average	Train-miles (thousands)[1]	Car-miles (thousands)[1]		Tons of revenue freight		Freight revenue[1]		Average miles per car per day[1]
		Loaded (revenue and nonrevenue)	Empty	Per train	Per loaded car	Per train-mile (dollars)[2]	Per loaded car-mile (cents)[2]	
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	15,274,413	6,904,625	604	25.3	5.30	--------	--------
1921–1925	577,844	15,089,213	8,096,532	621	24.6	7.28	--------	--------
1926–1930	586,389	17,357,165	10,330,175	700	24.5	7.67	--------	--------
1931–1935	396,917	11,419,604	7,283,037	625	23.2	6.46	--------	--------
1917	646,402	15,911,203	6,780,872	588	24.8	4.27	17.7	--------
1918	628,436	14,995,557	7,167,144	621	27.0	5.33	22.9	--------
1919	560,499	14,273,422	6,531,570	623	25.4	6.14	24.8	23.0
1920	619,507	15,336,778	7,264,316	639	26.7	6.81	28.1	25.1
1921	519,817	12,449,086	7,309,192	567	24.6	7.38	31.4	22.4
1922	544,486	13,926,355	6,798,121	599	24.3	7.19	28.6	23.5
1923	631,167	16,374,750	8,536,002	632	25.2	7.19	28.1	27.8
1924	590,879	15,859,163	8,519,637	634	24.5	7.22	27.3	26.8
1925	602,873	16,836,710	9,319,706	663	24.6	7.41	26.9	28.5
1926	622,295	17,759,004	10,154,842	689	25.0	7.58	27.0	30.4
1927	598,435	17,390,777	10,298,061	690	24.6	7.59	26.6	30.3
1928	589,616	17,757,670	10,487,254	706	24.3	7.77	26.3	31.2
1929	598,343	18,169,092	10,805,302	718	24.5	7.86	26.4	32.3
1930	523,255	15,709,284	9,905,415	699	24.3	7.56	25.8	28.7
1931	446,261	13,087,643	8,472,144	653	23.4	6.98	24.6	24.5
1932	368,658	10,231,344	6,642,756	585	22.6	6.26	23.6	19.8
1933	368,666	10,540,396	6,773,651	619	23.3	6.32	23.2	21.3
1934	397,150	11,410,710	7,347,667	624	23.2	6.23	22.7	24.2
1935	403,851	11,827,925	7,178,969	646	23.5	6.51	23.2	25.8
1936	496,208	14,030,619	8,210,293	687	24.3	6.79	23.7	30.7
1937	512,200	14,702,185	8,636,673	708	24.7	6.72	23.1	32.4
1938	431,390	12,265,783	7,605,954	677	23.8	6.75	23.4	28.1
1939	461,026	13,639,377	8,267,277	727	24.6	7.18	23.9	31.7
Class I roads, total:								
1921–1925	567,286	14,988,046	8,032,601	633	27.1	7.28	28.3	25.8
1926–1930	576,664	17,262,995	10,267,375	713	26.9	7.67	26.4	30.6
1931–1935	390,772	11,370,307	7,250,061	638	25.4	6.46	23.5	23.1
1936–1940	468,859	13,806,378	8,319,797	729	24.6	6.95	23.6	31.5
1937	501,686	14,617,571	8,581,218	724	24.7	6.72	23.1	32.4
1938	422,388	12,196,033	7,559,050	691	23.8	6.75	23.4	28.1
1939	451,990	13,564,969	8,217,025	743	24.6	7.18	23.9	31.7
1940	481,892	14,699,023	9,081,658	781	25.4	7.32	24.0	34.9
Eastern district:								
1931–1935	143,110	4,511,567	2,867,127	757	26.6	7.81	25.4	19.5
1936–1940	158,748	5,179,165	3,094,275	865	26.2	8.55	26.2	25.9
1937	170,448	5,538,542	3,169,924	864	26.3	8.29	25.5	26.7
1938	137,256	4,412,390	2,723,309	816	25.1	8.16	25.4	22.4
1939	152,871	5,000,789	3,078,185	885	26.3	8.82	26.5	26.1
1940	166,516	5,558,145	3,445,425	915	27.1	9.00	27.0	29.0
Southern district:								
1931–1935	82,472	2,218,915	1,479,345	704	29.9	6.05	23.7	26.3
1936–1940	98,646	2,735,921	1,709,263	804	28.8	6.58	23.7	36.5
1937	103,155	2,828,202	1,722,530	799	28.9	6.34	23.1	37.1
1938	90,330	2,456,785	1,584,165	761	27.8	6.43	23.7	32.9
1939	96,383	2,716,931	1,703,419	811	28.6	6.76	24.0	36.9
1940	102,804	2,951,361	1,891,299	862	29.8	6.89	24.0	39.7
Western district:								
1931–1935	165,190	4,639,825	2,903,589	511	22.3	5.57	21.5	26.2
1936–1940	211,465	5,891,292	3,516,259	593	21.2	5.93	21.3	36.3
1937	228,083	6,250,827	3,688,764	587	21.3	5.72	20.9	37.2
1938	194,793	5,326,858	3,251,576	571	20.8	5.91	21.6	32.6
1939	202,736	5,757,249	3,435,421	605	21.2	6.14	21.6	36.2
1940	212,572	6,189,517	3,744,934	637	21.7	6.22	21.3	39.9

[1] Figures for 1935 and prior years are not strictly comparable with those for subsequent years due to change in train classifications. [2] Data are for class I roads including switching and terminal companies.
[3] Beginning with 1917 data available for class I roads only.

Source: Interstate Commerce Commission; annual report, Statistics of Railways in the United States. See last paragraph of general note, p. 459, regarding current data.

No. 513.—Steam-Railway Freight Service—Tons Carried, Ton Miles, Revenue, and Average Haul: 1891 to 1940

Note.—Figures before 1916 relate to years ended June 30; thereafter to calendar years. Switching and terminal roads excluded beginning with 1908. Tons are of 2,000 pounds.

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	
	Originated	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	167,715	--------	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	2,216,317	375,468	--------	1,455,589	304.96	169.41	4,377,618	1.166
1926-1930	1,364,607	2,481,018	430,310	--------	1,657,434	315.34	173.44	4,690,122	1.090
1931-1935	798,205	1,437,728	270,192	--------	1,051,083	339.12	187.93	2,763,961	1.023
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	1,677,615	.763
1910	1,026,492	1,849,900	255,017	--------	1,071,086	249.68	138.31	1,925,553	.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	1,436,612	2,627,492	447,444	--------	1,732,295	310.81	170.29	4,905,981	1.096
1927	1,372,547	2,510,054	432,014	--------	1,668,800	314.75	172.11	4,728,885	1.095
1928	1,371,359	2,504,196	430,087	--------	1,677,089	318.00	174.14	4,771,562	1.094
1929	1,419,383	2,584,333	450,189	--------	1,727,786	317.17	174.20	4,899,168	1.088
1930	1,220,134	2,179,015	385,815	--------	1,481,199	316.21	177.06	4,145,015	1.074
1931	944,846	1,604,075	311,073	--------	1,196,960	329.23	183.62	3,302,324	1.062
1932	678,854	1,229,078	235,309	--------	908,206	346.63	191.45	2,485,475	1.056
1933	733,391	1,322,463	250,651	--------	972,262	341.77	189.53	2,528,908	1.009
1934	802,276	1,440,434	270,292	--------	1,058,609	336.91	187.65	2,671,901	.989
1935	831,656	1,502,590	283,637	--------	1,119,290	341.05	188.77	2,831,139	.998
1936	1,011,530	1,805,767	341,182	--------	1,353,406	337.29	188.94	3,356,631	.984
1937	1,075,237	1,928,444	362,815	--------	1,446,921	337.43	188.14	3,428,421	.945
1938	819,733	1,482,504	291,866	--------	1,171,637	356.05	196.87	2,900,676	.994
1939	954,924	1,729,537	335,375	--------	1,355,052	351.21	193.91	3,297,059	.983
Class I roads:									
1931-1935	758,855	1,365,784	268,635	295,021	1,118,250	354.56	196.69	2,719,977	1.013
1936-1940	931,474	1,683,416	339,328	371,378	1,445,558	364.3	201.6	3,259,838	.961
1937	1,015,586	1,825,342	360,620	395,736	1,530,667	355.1	197.6	3,370,959	.935
1938	771,862	1,399,259	290,084	317,618	1,235,843	375.8	207.3	2,852,112	.983
1939	901,669	1,636,215	333,438	364,341	1,427,115	369.8	203.8	3,244,445	.973
1940	1,009,421	1,843,290	373,253	405,578	1,602,009	369.8	202.5	3,528,782	.945
Eastern district:									
1937	431,200	930,821	145,618	156,222	2,499,270	337.7	156.4	1,413,213	.971
1938	317,081	684,171	111,033	118,961	1,912,804	350.2	162.3	1,119,731	1.008
1939	382,950	831,604	133,910	143,000	2,322,114	349.7	161.0	1,348,811	1.007
1940	429,565	949,523	150,774	160,641	2,624,236	351.0	158.8	1,490,413	.994
Southern district:									
1937	240,466	360,960	81,846	88,691	1,827,975	340.4	226.7	654,127	.799
1938	197,009	300,400	68,341	73,900	1,530,217	346.8	227.5	581,449	.851
1939	221,446	338,710	77,660	83,582	1,746,660	350.7	229.3	651,373	.839
1940	252,972	385,722	87,884	94,342	1,983,073	347.4	227.8	707,816	.805
Western district:									
1937	343,920	533,561	133,156	150,823	1,005,160	387.2	249.6	1,303,619	.979
1938	257,712	414,688	110,710	124,752	839,083	429.6	267.0	1,150,932	1.039
1939	297,273	465,901	121,868	137,759	927,227	410.0	261.6	1,244,261	1.021
1940	326,884	508,045	134,595	150,595	1,026,366	411.8	264.9	1,321,553	.982

[1] Class I and class II roads. [2] Data included for class II and class III roads are partially estimated.

Source: Interstate Commerce Commission; annual report, Statistics of Railways in the United States. See last paragraph of general note, p. 459, regarding current data.

No. 514.—Steam Railways (Class I)—Operating Revenues, Freight and Passenger Revenue, and Freight Ton-Miles, by Months

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, exclude 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)													
1918[1]	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[1]	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[1]	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[1]	464.2	470.4	406.5	459.0	433.4	444.9	461.6	462.9	505.7	498.3	536.7	405.9	425.3
1922	463.4	391.8	397.4	470.4	412.9	444.6	469.0	439.1	469.2	495.8	544.4	518.2	508.4
1923	524.3	497.0	442.1	530.2	517.8	542.1	535.6	530.6	558.5	540.1	581.7	526.3	489.3
1924	493.6	463.7	474.1	499.7	470.0	472.3	460.9	477.0	503.2	535.5	566.9	500.6	499.9
1925	510.2	479.2	460.1	481.1	468.6	483.5	501.7	517.1	549.9	559.9	585.3	527.4	518.7
1926	532.7	476.0	455.7	525.7	494.9	512.2	535.4	551.6	573.8	584.8	603.6	556.2	522.1
1927	511.7	482.0	464.0	525.2	493.3	513.6	511.6	503.9	551.6	559.5	574.7	498.8	402.6
1928	509.5	452.8	451.3	499.9	469.3	505.3	496.9	507.6	552.2	550.4	611.7	526.0	491.1
1929	523.6	481.6	470.4	511.3	508.6	531.8	526.0	551.7	580.2	560.7	602.4	494.1	464.2
1930	440.1	446.3	423.2	447.7	445.9	457.6	439.7	451.8	461.0	462.2	478.0	394.3	373.9
1931	349.0	361.8	332.8	371.9	365.4	364.8	365.8	372.8	360.3	346.3	359.0	301.9	285.4
1932	260.6	272.2	264.2	286.7	264.9	251.9	243.5	235.3	249.4	269.5	295.2	250.7	243.3
1933	258.0	226.6	212.2	218.1	224.9	255.2	278.3	293.7	297.0	292.2	294.4	257.7	245.3
1934	272.6	258.0	248.5	293.2	265.4	282.0	282.8	276.0	282.7	275.5	292.9	257.0	257.5
1935	287.5	264.2	254.9	280.9	274.7	279.5	281.3	275.3	294.0	306.9	341.0	301.3	296.1
1936	337.7	299.1	300.4	308.3	313.4	320.9	330.6	349.7	350.5	357.1	391.3	358.4	372.1
1937	347.2	331.7	321.9	377.7	351.5	352.5	351.7	365.1	359.6	363.1	372.9	318.2	300.3
1938	297.1	279.1	251.0	283.0	268.2	272.6	282.1	299.6	315.3	322.5	353.4	319.6	318.3
1939	332.9	305.8	276.9	315.1	282.1	302.6	321.6	332.4	344.4	381.1	410.7	368.0	345.2
1940	358.1	345.6	313.6	327.1	321.6	343.5	344.8	366.1	381.4	382.6	413.6	375.4	381.8
FREIGHT REVENUE (millions of dollars)													
1927	387.3	357.9	353.9	406.3	371.4	391.1	381.9	369.9	415.1	426.7	452.7	385.8	334.7
1928	391.2	337.8	346.1	388.2	356.4	391.5	370.6	382.0	421.5	423.8	492.8	415.7	367.9
1929	402.4	367.0	363.6	393.6	393.5	412.5	390.9	416.8	446.3	435.3	483.3	384.3	341.1
1930	340.3	338.0	327.0	345.2	345.6	354.1	331.4	347.1	354.5	363.3	385.5	310.9	280.7
1931	271.2	275.9	257.4	291.2	283.5	282.9	281.1	290.1	279.9	270.0	289.0	238.3	214.4
1932	204.3	208.4	205.3	224.9	207.9	194.2	185.9	179.9	194.9	214.5	244.0	203.1	188.1
1933	207.7	179.2	169.2	175.3	180.2	207.5	223.3	240.2	241.3	235.4	239.6	209.9	191.7
1934	219.5	208.8	201.7	241.0	214.3	228.6	225.7	221.3	224.8	220.5	238.8	208.6	199.4
1935	233.0	211.5	206.5	229.2	222.6	224.9	225.8	221.1	235.7	250.6	285.4	248.7	234.4
1936	275.6	241.1	245.1	251.8	256.3	262.7	268.5	283.9	283.5	291.6	325.9	298.1	299.1
1937	281.5	268.7	264.1	313.8	288.6	287.9	281.8	293.1	289.2	293.8	307.1	258.7	231.3
1938	238.2	218.3	198.4	227.1	211.4	217.9	222.7	238.1	253.6	261.3	293.7	264.1	251.3
1939	270.9	246.8	224.8	257.5	224.6	243.6	255.8	265.1	276.7	314.4	355.1	310.4	276.3
1940	294.8	283.1	257.7	266.7	265.3	284.7	280.7	300.7	310.6	316.1	348.2	315.2	308.4
PASSENGER REVENUE (millions of dollars)													
1932	31.4	38.0	33.9	34.4	31.0	31.3	32.6	32.7	31.4	30.5	26.2	24.9	30.2
1933	27.4	26.7	23.6	21.9	22.9	23.9	31.0	31.0	32.2	32.0	29.8	25.0	29.3
1934	28.9	27.2	25.4	27.4	27.0	26.6	31.6	32.2	32.8	30.6	28.6	24.8	32.0
1935	29.8	30.5	27.3	27.7	27.2	27.1	31.0	31.6	33.9	30.8	28.6	27.8	34.4
1936	34.4	34.1	31.9	30.5	30.7	30.3	34.8	39.1	39.3	36.3	33.9	32.1	39.3
1937	36.9	37.4	33.0	35.0	33.7	34.0	38.5	42.1	41.6	38.7	35.5	33.3	39.9
1938	33.8	37.4	31.3	31.0	31.8	30.8	34.9	38.0	36.3	34.4	31.4	30.2	37.9
1939	34.7	34.8	30.2	31.2	31.8	31.8	38.4	41.3	39.8	37.1	33.4	29.3	37.8
1940	34.8	36.1	31.9	33.3	30.0	29.7	35.9	37.7	41.0	36.1	33.5	31.2	40.8
FREIGHT TON-MILES (millions)[2]													
1927	39,559	39,233	37,259	41,817	37,111	40,118	38,477	38,369	41,984	42,959	45,537	37,250	34,592
1928	39,769	36,289	35,723	39,486	35,887	39,263	37,307	39,153	42,425	43,791	48,234	41,991	37,673
1929	41,026	39,210	38,140	40,228	38,346	41,846	40,740	42,009	44,950	44,222	47,836	38,741	36,046
1930	35,179	36,718	34,347	35,301	34,900	36,573	34,417	35,595	37,428	36,232	39,294	32,310	29,034
1931	28,346	30,308	27,097	29,961	28,711	30,016	28,254	30,276	29,361	27,842	30,579	25,084	22,662
1932	21,587	22,855	21,718	23,581	21,259	19,872	18,673	19,065	20,071	22,709	26,375	21,759	21,107
1933	22,924	19,987	19,118	19,351	19,831	21,734	23,710	26,408	26,464	26,130	26,414	23,937	22,000
1934	24,805	23,771	23,199	27,796	23,475	25,262	25,208	24,260	25,405	25,889	26,504	23,785	23,102
1935	26,031	24,967	24,124	27,598	23,340	24,672	25,951	23,174	25,938	27,731	31,218	27,482	26,179
1936	31,087	27,857	29,151	27,995	28,131	29,894	28,757	31,131	32,091	33,047	37,143	33,850	33,972
1937	32,983	33,138	32,218	36,655	32,261	34,090	31,848	33,745	33,699	34,862	36,760	29,097	27,417
1938	26,517	23,405	23,182	26,0[illegible]6	[illegible]	23,697	23,881	26,[illegible]05	27,434	29,119	32,759	28,474	28,129
1939	30,393	28,155	25,558	28,834	23,982	25,741	28,461	29,829	31,397	36,118	40,069	35,125	31,453
1940	33,819	32,518	29,662	31,118	29,909	33,081	32,908	33,713	36,398	37,058	38,614	35,949	34,904

[1] Including switching and terminal companies. [2] Revenue and nonrevenue.

Source: Interstate Commerce Commission; monthly reports, Operating Revenues and Operating Expenses of Class I Steam Railways and Operating Statistics of Class I Steam Railways. See last paragraph of general note, p. 459, regarding current data.

No. 515.—Steam Railways—Passengers Carried and Passenger Revenue: 1891 to 1940

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) [1]	Passenger train car-miles (thousands) [1]	Passenger revenue (thousand dollars)	Passenger service train revenue per train-mile [1]	Revenue per passenger per mile (cts.)	Average passengers per train [1]
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	572,215	3,447,464	1,021,536	[2] 2.13	2.40	[2] 72
1921-1925	982,320	36,869	37.53	571,455	3,603,117	1,112,634	[2] 2.47	3.02	[2] 65
1926-1930	801,503	31,846	39.73	569,310	3,818,089	908,341	[2] 2.15	2.85	[2] 56
1931-1935	483,006	18,375	38.04	410,509	2,745,969	392,869	[2] 1.38	2.14	[2] 45
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	[3] 593,061	[2] 3,320,488	[3] 695,988	[3] 1.36	[2] 2.01	[3] 55
1914	1,063,249	35,357	33.25	605,212	3,399,604	703,484	[3] 1.34	1.99	[2] 56
1915	985,676	32,475	32.95	580,448	3,229,496	646,475	[3] 1.31	1.99	[3] 53
1916	1,048,987	35,220	33.58	595,441	3,409,639	722,359	[3] 1.44	2.05	[3] 56
1917	1,109,943	40,100	36.13	593,338	3,485,788	840,910	[2] 1.69	2.10	[2] 65
1918	1,122,963	43,212	38.48	544,321	3,276,489	1,046,106	[2] 2.23	2.42	[2] 76
1919	1,211,022	46,838	38.68	553,147	3,446,787	1,193,431	[2] 2.46	2.55	[2] 82
1920	1,269,913	47,370	37.30	574,826	3,618,617	1,304,815	[2] 2.78	2.76	[2] 80
1921	1,061,131	37,706	35.53	568,242	3,503,514	1,166,252	[2] 2.51	3.09	[2] 67
1922	989,509	35,811	36.19	553,919	3,445,869	1,087,516	[2] 2.50	3.04	[2] 65
1923	1,008,538	38,294	37.97	573,938	3,616,342	1,158,925	[2] 2.56	3.03	[2] 67
1924	950,459	36,368	38.26	579,384	3,676,746	1,085,672	[2] 2.41	2.99	[2] 63
1925	901,963	36,167	40.10	581,792	3,773,114	1,064,086	[2] 2.37	2.94	[2] 63
1926	874,589	35,673	40.79	584,972	3,862,610	1,049,210	[2] 2.33	2.94	[2] 61
1927	840,030	33,798	40.23	578,355	3,850,116	980,528	[2] 2.23	2.90	[2] 59
1928	798,476	31,718	39.72	570,038	3,815,337	905,271	[2] 2.13	2.85	[2] 56
1929	786,432	31,165	39.63	568,095	3,870,903	875,920	[2] 2.18	2.81	[2] 55
1930	707,987	26,876	37.96	545,091	3,691,480	730,766	[2] 1.85	2.72	[2] 49
1931	599,227	21,933	36.60	485,538	3,274,812	551,726	[2] 1.61	2.52	[2] 45
1932	480,718	16,997	35.36	419,088	2,743,437	377,511	[2] 1.33	2.22	[2] 40
1933	434,848	16,368	37.64	380,435	2,496,969	329,816	[2] 1.27	2.02	[2] 43
1934	452,176	18,069	39.96	381,611	2,574,329	346,870	[2] 1.33	1.92	[2] 47
1935	448,059	18,509	41.31	385,874	2,640,297	358,423	[2] 1.35	1.94	[2] 47
1936	492,493	22,460	45.60	409,072	2,930,332	413,189	[2] 1.46	1.84	[2] 55
1937	499,688	24,695	49.42	420,819	3,091,132	443,532	[2] 1.50	1.80	[2] 59
1938	454,508	21,657	47.65	398,145	2,933,233	406,406	[2] 1.46	1.88	[2] 55
1939	454,032	22,713	50.02	395,127	2,986,336	417,716	[2] 1.52	1.84	[2] 58
Class I roads:									
1921-1925	962,153	36,556	37.99	558,568	3,572,292	1,100,602	2.47	3.01	65
1926-1930	793,335	31,724	39.99	560,633	3,800,669	903,748	2.15	2.85	56
1931-1935	480,764	18,343	38.15	405,992	2,738,583	391,826	1.38	2.14	45
1936-1940	468,681	23,024	49.18	399,466	2,982,243	418,738	1.49	1.82	58
1936	490,091	22,421	45.75	404,676	2,919,220	412,144	1.46	1.84	55
1937	497,288	24,655	49.58	416,385	3,080,215	442,518	1.50	1.79	59
1938	452,731	21,629	47.77	393,792	2,923,627	405,598	1.46	1.87	55
1939	450,372	22,651	50.29	390,883	2,976,513	416,531	1.52	1.84	58
1940	452,921	23,762	52.5	391,596	3,011,639	416,897	1.52	1.75	61
Eastern district:									
1937	354,035	12,968	36.63	173,151	1,278,739	243,425	1.84	1.88	75
1938	327,742	11,618	35.45	161,847	1,197,118	224,193	1.81	1.93	72
1939	334,771	12,015	35.89	162,328	1,225,561	232,376	1.89	1.93	74
1940	334,687	12,547	37.5	163,406	1,243,913	226,826	1.84	1.81	77
Southern district:									
1937	57,193	3,405	59.54	70,770	517,936	60,943	1.30	1.79	48
1938	47,547	2,663	56.01	67,716	488,296	53,217	1.20	2.00	39
1939	49,299	2,975	60.35	66,204	495,193	53,474	1.25	1.80	45
1940	51,654	3,472	67.2	67,190	514,512	59,591	1.33	1.72	52
Western district:									
1937	86,060	8,282	96.24	172,464	1,283,540	138,150	1.23	1.67	48
1938	77,442	7,348	94.88	164,229	1,238,213	128,188	1.22	1.74	45
1939	66,302	7,661	115.55	162,351	1,255,759	130,681	1.26	1.71	47
1940	66,580	7,743	116.3	161,000	1,253,214	130,480	1.27	1.69	48

[1] Figures for 1935 and prior years are not strictly comparable with those for subsequent years due to change in train classifications.

[2] Data available for class I roads only. [3] Class I and class II roads.

Source: Interstate Commerce Commission; annual report, Statistics of Railways in the United States. See last paragraph of general note, p. 459, regarding current data.

No. 516.—Steam Railways—Revenues, Expenses, and Income: 1891 to 1940

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 517 Switching and terminal companies are excluded beginning with 1908; operating revenues of switching and terminal companies, 1935, $68,560,000; 1936, $88,806,000; 1937, $94,648,000; 1938, $70,536,000; 1939, $90,286,000; operating expenses, 1935, $48,224,000; 1936, $58,186,000; 1937, $65,306,000; 1938, $52,120,000; 1939, $59,634,000.

Class and year or yearly average	Average miles of line (first track) operated	Income account items (thousands of dollars)					Per mile of line		Percent 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	206,050	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	123,845	729,172	12,178	3,580	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	328,822	893,332	23,276	5,116	78.02
1926-1930	259,646	6,139,269	4,502,029	1,637,240	386,732	1,125,224	23,645	6,306	73.33
1931-1935	257,098	3,473,819	2,622,222	851,597	265,137	460,435	13,512	3,312	75.49
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	1,264,814	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
1927	258,877	6,245,716	4,662,521	1,583,195	383,112	1,077,842	24,126	6,116	74.65
1928	260,026	6,212,464	4,508,606	1,703,858	395,631	1,182,467	23,892	6,553	72.57
1929	260,558	6,373,004	4,579,162	1,793,842	402,698	1,262,636	24,459	6,885	71.85
1930	260,475	5,356,484	3,993,621	1,362,863	353,881	874,154	20,564	5,232	74.56
1931	259,886	4,246,385	3,273,906	972,479	308,492	528,204	16,339	3,742	77.10
1932	259,066	3,168,537	2,441,814	726,723	279,263	325,332	12,231	2,805	77.06
1933	257,802	3,138,186	2,285,218	852,968	253,522	477,326	12,173	3,309	72.82
1934	255,327	3,316,861	2,479,997	836,864	243,646	465,896	12,991	3,278	74.77
1935	253,408	3,499,126	2,630,177	868,949	240,760	505,415	13,808	3,429	75.17
1936	252,091	4,108,658	2,973,366	1,135,292	324,858	675,600	16,298	4,504	72.37
1937	250,750	4,226,325	3,165,154	1,061,171	331,013	597,841	16,855	4,232	74.89
1938	249,110	3,616,072	2,762,681	853,391	346,236	376,865	14,516	3,426	76.40
1939	247,500	4,050,047	2,959,438	1,090,609	361,617	595,961	16,364	4,407	73.07
Class I roads:									
1926-1930	239,703	6,038,339	4,421,699	1,616,640	379,941	1,114,903	25,191	6,744	73.23
1931-1935	240,242	3,426,801	2,582,163	844,638	260,971	457,739	14,264	3,516	75.35
1936-1940	234,578	4,015,180	2,956,063	1,059,117	347,655	580,277	17,117	4,515	73.62
1937	235,376	4,166,069	3,119,065	1,047,004	325,665	590,204	17,700	4,448	74.87
1938	234,482	3,565,491	2,722,199	843,292	340,782	372,874	15,206	3,596	76.35
1939	233,404	3,995,004	2,918,210	1,076,794	355,677	588,829	17,116	4,613	73.05
1940	232,749	4,296,601	3,089,417	1,207,184	396,395	682,133	18,460	5,187	71.90
Eastern district:									
1937	58,129	1,812,675	1,362,759	449,916	143,457	247,194	31,184	7,740	75.18
1938	57,898	1,474,839	1,136,002	338,837	143,607	135,906	25,473	5,852	77.03
1939	57,526	1,726,110	1,259,339	466,771	149,887	252,864	30,006	8,114	72.96
1940	57,315	1,879,182	1,356,273	522,909	167,435	291,200	32,787	9,123	72.17
Southern district:									
1937	44,774	767,584	531,589	235,995	68,229	160,029	17,144	5,271	69.25
1938	44,661	681,867	483,972	197,895	69,256	119,424	15,268	4,431	70.98
1939	44,462	754,098	514,396	239,702	74,452	157,850	16,960	5,391	68.21
1940	44,317	818,550	554,809	263,741	90,875	166,763	18,470	5,951	67.78
Western district:									
1937	132,473	1,585,810	1,224,717	361,093	113,979	182,981	11,971	2,726	77.23
1938	131,923	1,408,785	1,102,225	306,560	127,919	117,544	10,679	2,324	78.24
1939	131,416	1,514,796	1,144,475	370,321	131,338	178,115	11,527	2,818	75.55
1940	131,117	1,598,869	1,178,335	420,534	138,085	224,170	12,194	3,207	73.70

[1] Class I and class II roads.

Source: Interstate Commerce Commission; annual report, Statistics of Railways in the United States. See last paragraph of general note, p. 459, regarding current data.

No. 517.—Steam Railways (Class I)—Income Account of Operating Roads: 1926 to 1940

Note.—All figures in thousands of dollars. Switching and terminal companies are excluded.

Item	1926–1930 (average)	1931–1935 (average)	1936–1940 [1] (average)	1937 [1]	1938 [1]	1939 [1]	1940 [1]
Revenues	6,038,339	3,426,801	4,015,180	4,166,069	3,565,491	3,995,004	4,296,601
Freight	4,600,341	2,719,977	3,266,554	3,377,009	2,858,077	3,251,096	3,537,150
Passenger	903,748	391,826	419,049	442,809	405,883	416,963	417,269
Mail	111,887	95,530	97,024	97,984	95,963	99,012	101,087
Express	139,570	57,948	55,433	57,683	48,462	55,190	55,643
All other transportation	136,665	81,230	83,902	89,159	75,304	82,563	85,589
All other	146,128	80,291	92,318	100,525	81,802	90,240	99,863
Expenses	4,421,699	2,582,163	2,956,063	3,119,065	2,722,199	2,918,210	3,089,417
Maintenance, way, etc.	826,826	392,669	466,882	495,594	420,147	466,831	497,031
Maintenance, equipment	1,178,252	670,879	774,225	826,709	676,507	765,935	818,976
Traffic	123,608	96,544	104,492	105,478	102,532	106,735	107,586
Transportation	2,054,865	1,235,538	1,439,204	1,510,275	1,361,533	1,417,794	1,500,959
All other	238,148	186,533	171,260	181,009	161,480	160,915	164,865
Net revenue from railway operations	1,616,640	844,638	1,059,117	1,047,004	843,292	1,076,794	1,207,184
Deduct—							
Tax accruals	379,941	260,971	347,655	325,665	340,782	355,677	396,395
Uncollectible revenues	1,427	1,099	(2)	(2)	(2)	(2)	(2)
Equipment rents	91,786	88,963	95,338	95,021	94,965	96,518	95,726
Joint facility rents	28,583	35,866	35,847	36,114	34,671	35,770	32,930
Net railway operating income	1,114,903	457,739	580,277	590,204	372,874	588,829	682,133

Item	Eastern District			Southern District			Western District		
	1938 [1]	1939 [1]	1940 [1]	1938 [1]	1939 [1]	1940 [1]	1938 [1]	1939 [1]	1940 [1]
Revenues	1,474,839	1,726,110	1,879,182	681,867	754,098	818,550	1,408,785	1,514,796	1,598,869
Freight	1,119,730	1,348,811	1,499,413	581,449	651,372	707,816	1,156,898	1,250,913	1,329,921
Passenger	224,193	232,376	226,826	53,217	53,474	59,591	128,473	131,053	130,852
Mail	36,573	37,893	38,669	16,623	16,918	17,189	42,767	44,201	45,229
Express	17,644	22,934	23,180	10,203	11,035	10,789	20,615	21,221	21,674
All other transportation	36,565	40,161	41,670	8,333	8,624	9,086	30,406	33,778	34,833
All other	40,134	43,935	49,424	12,042	12,675	14,079	29,626	33,630	36,360
Expenses	1,136,002	1,259,339	1,356,273	483,972	514,396	554,809	1,102,225	1,144,476	1,178,335
Maintenance, way, etc.	153,419	177,082	194,857	76,489	83,294	91,319	190,239	206,455	210,855
Maintenance, equipment	282,462	339,833	370,482	131,039	145,713	159,901	263,006	280,389	288,593
Traffic	37,245	38,686	38,807	19,519	20,209	20,869	45,768	47,840	47,910
Transportation	596,358	637,442	684,017	228,736	236,901	252,599	536,439	543,451	564,343
All other	66,518	66,296	68,110	28,189	28,279	30,121	66,773	66,340	66,634
Net revenue from railway operations	338,837	466,771	522,909	197,895	239,702	263,741	306,560	370,321	420,534
Deduct—									
Tax accruals	143,607	149,887	167,435	69,256	74,452	90,875	127,919	131,338	138,085
Equipment rents	40,689	44,230	46,221	5,327	3,558	2,558	48,949	48,730	46,947
Joint facility rents	18,635	19,790	18,053	3,888	3,842	3,545	12,148	12,138	11,332
Net railway operating income	135,906	252,864	291,200	119,424	157,850	166,763	117,544	178,115	224,170

[1] Rail line and water line transportation combined in the several accounts; water line transportation included in "All other" in prior years.
[2] Account eliminated.

Source: Interstate Commerce Commission; annual report, Statistics of Railways in the United States See last paragraph of general note, p. 459, regarding current data.

No. 518.—Steam Railways (Class I)—Railway Tax Accruals, by States: 1920 to 1939

Note.—Data for all years exclude switching and terminal companies and include nonoperating subsidiaries. Total railroad taxes, Federal and State, in 1939, by classes, were as follows: Class I and subsidiaries, $358,445,076 (including $133 British, $740,942 Canadian, and $98,000 Mexican taxes and an adjustment of $3,104 not localized by States); class II and subsidiaries, $5,195,496; class III and subsidiaries, $753,586; switching and terminal companies, $19,407,273; grand total, $383,801,431.

STATE	AMOUNT (THOUSANDS OF DOLLARS)						PER MILE OF LINE (DOLLARS)			
	1920	1925	1930	1935	1938	1939	1930	1935	1938	1939
Total	282,751	359,370	349,207	238,372	342,386	357,603	1,519	1,062	1,546	1,620
U. S. Government taxes	50,543	87,680	40,986	26,796	77,423	121,082	178	119	350	549
New England:										
Maine	1,725	1,977	1,908	1,232	1,488	1,217	963	630	807	667
New Hampshire	1,005	1,042	1,125	718	816	634	990	703	826	649
Vermont	451	453	407	413	606	419	540	553	839	587
Massachusetts	3,339	3,920	4,709	3,964	5,227	4,051	2,369	2,058	2,827	2,271
Rhode Island	585	604	687	664	741	666	3,933	3,570	4,164	3,741
Connecticut	1,975	2,068	1,672	711	981	1,012	1,737	731	1,090	1,124
Middle Atlantic:										
New York	17,861	22,613	27,378	23,685	32,670	29,096	3,491	3,039	4,351	3,893
New Jersey	11,189	17,355	20,442	17,520	20,362	17,472	9,951	8,998	10,545	9,177
Pennsylvania	9,342	11,134	12,440	9,342	14,384	13,090	1,235	923	1,453	1,330
South Atlantic:										
Delaware	165	182	166	151	297	237	567	501	1,000	800
Dist. of Columbia	79	120	144	138	355	294	4,178	3,937	10,156	8,415
Maryland	2,004	1,352	2,076	1,748	2,659	2,369	1,829	1,537	2,347	2,117
Virginia	4,695	5,614	7,318	5,192	6,819	5,913	1,759	1,259	1,643	1,446
West Virginia	3,879	6,046	8,109	8,220	8,403	8,202	2,193	2,318	2,372	2,342
North Carolina	2,129	4,748	5,392	3,696	4,217	3,849	1,399	994	1,154	1,042
South Carolina	1,951	2,840	3,489	2,396	2,231	2,036	1,106	763	721	661
Georgia	2,481	3,310	3,966	2,434	3,361	3,007	719	448	619	563
Florida	2,167	3,888	4,964	3,039	3,231	2,072	965	613	673	432
East North Central:										
Ohio	16,842	18,518	19,928	10,452	14,125	12,531	2,334	1,240	1,681	1,493
Indiana	9,422	11,627	13,852	6,520	7,846	6,902	2,011	956	1,174	1,036
Illinois	16,422	21,576	22,084	13,610	17,520	15,826	1,827	1,145	1,482	1,346
Michigan	7,579	7,656	10,816	5,346	6,656	6,305	1,469	771	971	921
Wisconsin	6,876	7,295	7,201	4,921	5,869	4,918	1,034	734	884	751
West North Central:										
Minnesota	9,753	7,965	6,778	4,291	6,099	6,129	823	528	759	763
Iowa	7,855	6,842	8,026	3,804	4,074	3,558	831	404	449	394
Missouri	3,359	3,716	4,284	3,336	4,044	3,653	566	471	669	527
North Dakota	4,997	4,290	4,110	2,114	2,714	2,653	799	410	529	517
South Dakota	3,718	3,161	2,696	2,191	1,828	396	644	532	448	97
Nebraska	4,159	4,747	4,622	3,060	3,988	3,494	749	501	655	574
Kansas	6,188	6,670	8,871	6,232	6,899	6,240	968	721	807	730
East South Central:										
Kentucky	2,184	4,246	5,373	3,552	5,747	5,462	1,411	979	1,597	1,527
Tennessee	2,584	3,107	3,629	2,558	3,693	3,208	1,002	725	1,074	950
Alabama	2,548	2,687	3,681	2,378	2,558	2,624	797	522	567	581
Mississippi	3,612	5,064	5,047	2,937	3,320	3,168	1,322	801	905	864
West South Central:										
Louisiana	3,788	4,578	5,098	4,087	4,415	4,007	1,280	1,046	1,135	1,030
Texas	5,098	6,514	7,614	5,487	7,088	6,484	494	367	481	441
Oklahoma	5,403	5,682	6,468	3,667	4,390	4,087	994	560	704	660
Arkansas	3,912	2,643	3,025	2,290	2,499	2,314	690	539	603	559
Mountain:										
Montana	4,284	4,728	5,178	4,460	4,631	4,351	1,016	881	921	865
Wyoming	1,213	1,659	1,970	1,671	2,088	1,938	1,071	909	1,126	1,045
Colorado	3,344	3,719	4,271	3,363	4,637	3,699	972	773	1,137	914
New Mexico	2,467	2,212	2,785	1,883	1,912	1,849	993	693	703	685
Arizona	1,572	2,485	3,100	3,055	2,800	3,146	1,403	1,491	1,368	1,541
Utah	1,856	2,161	2,404	2,243	2,520	2,534	1,142	1,087	1,236	1,243
Nevada	1,543	1,762	1,970	1,756	2,106	1,926	1,163	1,041	1,250	1,145
Idaho	3,844	2,872	3,244	2,516	2,513	2,720	1,219	962	929	1,012
Pacific:										
Washington	8,795	6,647	7,430	3,882	4,527	3,513	1,480	787	919	715
Oregon	2,722	2,736	3,064	2,413	2,786	2,592	1,119	782	929	865
California	7,187	12,863	13,210	6,229	9,623	8,568	1,842	869	1,384	1,229

Source: Interstate Commerce Commission; annual report, Statistics of Railways in the United States.

No. 519.—Steam Railways (Class I)—Revenue Freight, Average Number of Weekly Car Loadings, by Principal Commodity Groups, by Months: 1936 to 1940

Note.—Averages for earlier years for all commodities are: 1918, 857,540; 1919, 804,472; 1920, 867,663; 1921, 756,215; 1922, 830,915; 1923, 957,925; 1924, 933,354; 1925, 985,080; 1926, 1,021,131; 1927, 992,996; 1928, 992,113; 1929, 1,015,922; 1930, 882,269; 1931, 714,447; 1932, 541,922; 1933, 561,924; 1934, 593,192; 1935, 605,849.

Weekly average for—	1936	1937	1938	1939	1940	1936	1937	1938	1939	1940
	Total, all commodities					Grain and grain products				
Year	694, 406	724, 432	585, 713	652, 144	699, 108	34, 707	34, 403	37, 833	37, 309	35, 272
January	608, 182	678, 612	564, 179	572, 183	638, 854	31, 530	30, 116	37, 443	32, 153	29, 350
February	628, 034	690, 864	538, 884	570, 717	621, 716	30, 102	28, 652	31, 657	28, 953	30, 844
March	603, 787	746, 542	555, 735	595, 331	624, 511	33, 484	28, 369	33, 205	31, 459	32, 686
April	642, 908	742, 581	529, 992	556, 297	623, 592	31, 034	29, 045	31, 934	31, 780	32, 850
May	670, 169	774, 658	546, 456	590, 775	678, 157	30, 693	26, 634	32, 570	34, 116	31, 396
June	687, 289	752, 913	551, 932	625, 452	706, 913	36, 300	34, 523	37, 204	40, 374	32, 859
July	730, 787	747, 976	568, 235	633, 059	706, 438	56, 009	49, 530	55, 847	50, 007	50, 665
August	738, 631	775, 148	598, 018	677, 534	743, 670	41, 382	43, 234	47, 642	42, 065	41, 547
September	765, 595	792, 355	648, 702	775, 559	783, 833	31, 779	35, 188	37, 917	44, 602	39, 901
October	819, 490	800, 079	710, 658	838, 925	817, 363	32, 227	37, 539	44, 774	41, 196	38, 456
November	753, 667	653, 845	632, 034	741, 658	756, 085	32, 791	38, 392	34, 184	37, 269	33, 284
December	673, 056	550, 520	589, 431	640, 390	679, 477	31, 177	32, 595	32, 552	33, 251	29, 609
	Livestock					Coal				
Year	14, 598	13, 877	13, 518	13, 351	13, 183	133, 412	134, 172	106, 553	116, 972	130, 847
January	13, 285	14, 089	14, 581	13, 194	12, 579	153, 875	156, 593	124, 373	125, 250	160, 782
February	10, 273	11, 238	11, 280	10, 532	10, 826	182, 902	156, 703	110, 390	128, 656	142, 784
March	11, 931	11, 375	10, 949	10, 624	10, 627	105, 883	167, 607	95, 231	112, 893	124, 880
April	12, 984	12, 994	11, 639	12, 607	11, 218	112, 866	119, 704	80, 905	60, 514	110, 892
May	11, 578	13, 190	12, 660	12, 294	11, 733	109, 370	117, 171	85, 974	72, 098	117, 402
June	11, 683	11, 038	10, 639	9, 935	10, 499	106, 300	112, 225	86, 368	96, 511	119, 919
July	14, 004	10, 299	11, 109	11, 107	10, 143	112, 559	107, 580	88, 259	103, 388	118, 458
August	15, 405	14, 268	12, 267	12, 407	12, 475	120, 150	118, 035	95, 534	117, 381	131, 405
September	18, 179	16, 978	15, 951	18, 960	17, 338	132, 789	138, 967	119, 909	147, 158	140, 385
October	21, 854	21, 186	21, 145	21, 048	21, 544	158, 111	157, 887	133, 738	164, 597	126, 281
November	19, 244	16, 476	17, 200	16, 139	17, 187	156, 160	134, 092	127, 259	143, 467	138, 909
December	14, 179	12, 773	13, 355	12, 439	12, 509	151, 257	128, 173	132, 360	131, 154	140, 068
	Coke					Ore				
Year	9, 232	9, 766	5, 282	7, 956	10, 552	31, 212	42, 454	16, 269	31, 058	41, 257
January	9, 700	11, 860	6, 624	7, 523	12, 451	5, 792	10, 410	7, 089	8, 362	9, 376
February	10, 674	12, 081	5, 630	7, 457	10, 754	5, 727	10, 580	7, 140	8, 580	9, 846
March	6, 882	11, 774	4, 968	6, 969	9, 024	5, 964	10, 955	7, 768	8, 425	10, 272
April	7, 103	10, 486	4, 006	5, 743	7, 514	10, 598	38, 239	7, 908	12, 155	14, 719
May	8, 278	10, 241	4, 108	4, 780	8, 280	42, 317	73, 141	13, 847	30, 359	48, 744
June	8, 283	9, 773	4, 099	5, 683	10, 089	49, 475	74, 328	23, 687	41, 741	65, 112
July	8, 808	10, 175	4, 224	6, 043	10, 368	54, 348	76, 379	22, 453	41, 865	68, 687
August	8, 567	9, 651	4, 560	6, 963	10, 756	55, 182	74, 468	24, 569	48, 841	69, 435
September	9, 645	10, 226	5, 678	9, 247	10, 946	56, 428	69, 699	27, 059	56, 150	69, 684
October	10, 577	9, 136	6, 032	11, 556	11, 748	52, 846	47, 968	27, 981	63, 195	68, 618
November	11, 222	6, 984	6, 621	11, 716	12, 180	28, 342	15, 582	16, 366	38, 808	42, 647
December	11, 027	5, 777	6, 931	11, 909	12, 561	8, 402	8, 021	8, 769	10, 825	12, 339
	Forest products					Miscellaneous and l. c. l.				
Year	32, 357	35, 154	27, 267	30, 468	34, 619	438, 889	454, 605	378, 993	415, 031	433, 377
January	27, 869	30, 704	25, 544	25, 893	28, 678	366, 131	424, 841	348, 526	359, 809	385, 639
February	26, 412	34, 772	26, 304	24, 740	30, 329	361, 945	436, 838	346, 483	361, 800	386, 333
March	30, 514	37, 542	27, 122	26, 350	31, 997	409, 130	478, 920	376, 494	398, 610	405, 025
April	30, 681	36, 820	24, 490	28, 146	32, 140	437, 643	495, 294	369, 111	405, 353	414, 261
May	32, 391	40, 123	26, 219	30, 139	33, 502	435, 543	494, 159	371, 078	406, 990	427, 100
June	33, 941	39, 421	26, 311	30, 278	34, 200	441, 308	471, 604	363, 623	400, 930	434, 235
July	33, 858	39, 723	25, 983	29, 604	31, 760	451, 202	454, 291	360, 360	391, 046	416, 358
August	36, 236	40, 283	29, 882	31, 942	37, 202	461, 709	475, 209	383, 564	417, 934	440, 791
September	34, 698	37, 480	30, 399	34, 497	39, 145	482, 077	483, 819	411, 790	464, 945	466, 434
October	35, 660	35, 272	31, 713	38, 028	41, 710	508, 215	491, 092	445, 275	499, 305	509, 008
November	34, 011	27, 847	27, 333	35, 350	38, 618	471, 897	414, 474	403, 012	458, 910	473, 260
December	31, 445	23, 315	26, 295	30, 138	35, 265	425, 569	339, 866	369, 169	410, 674	437, 125

Source: Association of American Railroads, Car Service Division, Washington, D. C.; Cars of Revenue Freight Loaded. Weekly reports are published currently.

No. 520.—Steam Railways—Revenue Freight Originated and Carried, by Commodity Groups, All Roads, 1906 to 1915, Class I Roads, 1916 to 1940

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 beginning with 1908. Figures for 1911 to 1915, 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 percent. Non-revenue 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	
				Coal and coke	Other		Carload shipments	Less than carload
I. Revenue freight originated								
All roads:								
1906–1910	[1] 930,255	73,864	20,000	324,282	147,864	98,879	162,225	33,991
1911–1915 [2]	[1] 1,053,648	99,095	25,731	392,808	192,058	101,143	181,191	41,314
Class I:								
1916–1920	[1] 1,216,452	112,038	32,030	460,120	229,816	97,351	231,901	52,914
1921–1925	1,135,499	112,215	26,564	407,764	207,020	99,316	240,481	42,139
1924	1,187,296	116,587	27,747	414,499	223,083	103,094	256,737	40,549
1925	1,247,242	109,313	26,324	424,403	253,933	107,391	285,291	40,587
1926	1,336,142	111,787	26,243	486,944	270,759	104,861	296,067	39,491
1927	1,281,611	113,342	26,003	440,891	263,511	99,351	291,073	38,440
1928	1,285,943	118,022	25,634	432,296	264,287	96,737	312,013	36,954
1929	1,339,091	115,343	24,907	459,397	278,482	94,855	330,064	36,043
1930	1,153,197	110,728	23,129	407,937	234,600	69,371	277,765	29,667
1931	894,186	97,487	21,632	339,536	162,367	43,024	207,366	22,774
1932	646,223	80,917	18,055	281,224	81,002	26,109	143,682	15,234
1933	698,943	81,702	17,651	296,478	98,587	33,165	157,009	14,351
1934	765,296	79,305	20,363	323,500	112,880	35,650	179,253	14,345
1935	789,627	76,338	15,125	320,628	124,508	42,483	196,506	14,039
1936	958,830	86,648	16,209	369,101	172,387	53,156	245,037	16,292
1937	1,015,586	89,460	15,233	367,388	202,357	58,658	265,302	17,188
1938	771,862	95,390	14,760	287,505	121,330	43,973	194,512	14,392
1939	901,669	91,564	15,049	330,947	165,992	50,156	233,086	14,875
1940	1,009,421	88,821	15,456	372,663	197,557	58,221	262,010	14,693
Eastern district:								
1938	317,081	18,890	3,657	146,983	33,606	3,502	103,520	6,923
1939	382,950	19,797	3,860	170,395	45,101	3,503	132,949	7,345
1940	429,565	18,818	4,059	189,022	52,707	4,027	153,419	7,513
Southern district:								
1938	197,069	11,906	1,399	114,355	24,546	14,617	27,302	2,944
1939	221,446	11,086	1,460	131,977	25,976	16,946	30,936	3,065
1940	252,972	10,007	1,483	152,056	31,041	19,667	35,803	2,915
Western district:								
1938	257,712	64,594	9,704	26,167	63,178	25,854	63,690	4,525
1939	297,273	60,681	9,729	28,575	94,915	29,707	69,201	4,465
1940	326,884	59,996	9,914	31,585	113,809	34,527	72,788	4,265
II. Total revenue freight carried [3]								
All roads:								
1906–1910	[1] 1,673,431	150,384	38,769	589,884	228,563	168,023	314,007	59,277
1911–1915 [2]	[1] 1,881,635	193,252	44,194	712,193	284,499	183,292	356,669	71,347
Class I:								
1916–1920	[1] 2,212,267	225,505	55,199	826,912	349,783	193,436	466,202	93,550
1921–1925	2,068,262	221,961	46,065	757,498	316,014	192,256	465,097	69,371
1926–1930	2,341,062	221,019	45,054	852,777	395,987	179,554	584,457	62,214
1931–1935	1,365,784	157,062	35,572	560,360	172,482	68,348	341,825	30,135
1936–1940	1,683,416	166,337	31,074	628,126	264,266	100,876	463,594	29,143
1936	1,712,975	159,523	31,689	664,148	259,025	100,439	467,857	30,294
1937	1,825,342	164,138	30,222	670,975	307,681	110,975	509,174	32,177
1938	1,399,259	172,961	30,090	525,182	182,790	83,640	377,709	26,887
1939	1,636,215	168,808	31,168	600,123	259,109	96,470	452,262	28,275
1940	1,843,290	166,257	32,201	680,202	312,723	112,855	510,968	28,084
Eastern district:								
1938	684,172	52,035	13,037	325,225	69,220	17,603	193,721	13,331
1939	831,604	54,654	13,650	375,597	107,188	20,218	245,878	14,419
1940	949,523	53,678	14,186	423,596	133,718	24,233	285,396	14,716
Southern district:								
1938	300,400	26,601	3,350	146,587	34,081	23,371	59,961	6,449
1939	338,710	26,216	3,551	168,284	37,480	26,900	69,481	6,798
1940	385,722	25,593	3,856	194,283	43,815	31,382	80,231	6,562
Western district:								
1938	414,687	94,325	13,703	53,370	79,489	42,666	124,027	7,107
1939	465,901	87,938	13,967	56,242	114,441	49,352	136,903	7,058
1940	508,045	86,986	14,159	62,323	135,190	57,240	145,341	6,806

[1] Includes some undistributed freight. [2] Excluding class III. [3] Including receipts from connecting lines.

Source: Interstate Commerce Commission; annual report, Statistics of Railways in the United States.

No. 521.—Steam Railways (Class I)—Revenue Freight Originated and Carried, by Commodity Groups and Commodities: 1920 to 1940

Note.—Nonrevenue freight is excluded; this is a large item in the case of a few commodities, notably coal. Switching and terminal roads are excluded.

Commodity	Revenue freight originated (thousands of tons of 2,000 pounds)											Total revenue freight carried, 1940 (thousands of tons of 2,000 pounds)		
	All districts								1940					
	1920	1925	1930	1935	1937	1938	1939	1940	Eastern district	Southern district	Western district	Eastern district	Southern district	Western district
Grand total, carload and l. c. l.	1,255,421	1,247,242	1,153,197	789,627	1,015,586	771,862	901,669	1,009,421	429,565	252,972	326,884	949,523	385,722	508,045
Grand total, carload traffic	1,202,219	1,206,655	1,123,530	775,588	998,398	757,470	886,794	994,728	422,052	250,057	322,619	934,807	379,160	501,239
Products of agriculture, total	110,840	109,313	110,728	76,338	89,460	95,390	91,564	88,821	18,818	10,007	59,996	53,678	25,593	86,986
Wheat	23,131	21,548	25,466	15,931	21,205	23,162	22,285	19,940	3,015	524	16,401	5,269	1,530	18,817
Corn	12,689	12,680	13,986	7,806	9,220	14,338	10,342	11,162	3,220	1,610	6,332	6,326	2,391	8,445
Oats	8,615	8,450	5,184	2,923	3,407	2,972	2,733	2,294	571	211	1,512	1,783	484	1,934
Other grain	5,669	4,564	4,045	3,886	4,434	4,707	4,708	4,404	316	84	4,004	917	416	5,379
Flour and meal	10,952	9,901	10,546	8,649	8,951	9,067	9,316	9,164	2,450	742	5,972	8,233	2,719	8,577
Cereal foods and other mill products	8,891	9,578	10,610	6,765	7,855	7,790	8,721	8,706	3,593	857	4,256	8,138	2,408	6,204
Hay, straw, and alfalfa	7,957	5,506	3,494	1,598	1,511	718	625	686	232	57	397	741	307	506
Leaf tobacco [1]	1,081	1,038	1,008	647	758	772	829	698	83	594	21	225	1,086	31
Cotton	3,379	4,127	3,032	2,962	3,904	3,000	3,367	3,466	103	1,364	1,999	1,246	3,708	2,744
Cottonseed and products, except oil	4,573	5,849	5,065	2,075	2,920	2,154	1,775	1,454	27	734	693	230	1,059	1,126
Citrus fruits	1,404	1,363	1,734	2,017	2,055	2,574	2,621	2,377	73	620	1,684	2,498	1,985	4,401
Other fresh fruits	5,271	5,910	5,919	3,683	3,892	3,680	3,420	3,359	572	741	2,046	2,978	2,039	5,319
Potatoes, except sweet [2]	4,118	4,614	4,332	3,383	3,650	3,396	3,193	3,312	870	367	2,075	4,407	1,374	4,246
Other fresh vegetables	2,205	2,828	3,262	2,464	2,713	2,662	2,586	2,420	296	431	1,693	2,824	1,450	4,784
Dried fruits and vegetables	1,165	1,533	1,674	1,347	1,357	1,411	1,235	1,318	319	24	975	1,122	402	2,147
Sugar beets	9,741	9,824	6,246	4,752	5,233	6,470	5,823	6,406	139	----------	6,267	218	----------	6,863
Other products of agriculture			5,125	5,450	6,395	6,517	7,985	7,655	2,939	1,047	3,669	6,523	2,235	5,463
Animals and products, total	26,595	26,324	23,129	15,125	15,233	14,760	15,049	15,456	4,059	1,483	9,914	14,186	3,856	14,159
Horses and mules	936	544	440	347	247	188	152	141	17	19	105	61	72	176
Cattle and calves	9,809	9,330	6,785	4,710	4,506	3,939	3,787	3,518	501	267	2,750	1,217	445	4,138
Sheep and goats	1,344	1,224	1,385	1,010	1,033	968	941	902	94	42	766	339	87	1,237
Hogs	5,421	5,502	4,902	1,643	1,743	1,997	2,071	2,435	692	281	1,462	1,444	391	1,754

[1] Includes refuse, stems, etc., prior to 1930.

[2] "Potatoes" prior to 1930.

No. 521.—Steam Railways (Class I)—Revenue Freight Originated and Carried, by Commodity Groups and Commodities: 1920 to 1940—Continued

Commodity	Revenue freight originated (thousands of tons of 2,000 pounds)											Total revenue freight carried, 1940 (thousands of tons of 2,000 pounds)		
	All districts								1940					
	1920	1925	1930	1935	1937	1938	1939	1940	Eastern district	Southern district	Western district	Eastern district	Southern district	Western district
Animals and products—Continued.														
Fresh meats	2,770	2,904	2,928	2,582	2,758	2,859	2,940	3,175	861	377	1,937	4,198	988	2,285
Other packing-house products	2,206	2,139	1,970	1,081	1,062	1,079	1,166	1,324	395	214	715	1,160	1,073	1,174
Poultry	264	357	419	284	283	265	280	294	51	17	226	492	39	332
Eggs	536	591	612	322	327	326	316	340	58	18	264	476	90	371
Butter and cheese	425	686	807	678	639	723	704	675	123	37	515	1,119	150	665
Wool	293	263	354	339	275	247	295	306	141	9	156	509	46	256
Hides and leather	1,051	1,026	847	884	845	795	849	814	408	85	321	1,273	200	551
Other animals and products	1,540	1,758	1,680	1,245	1,515	1,374	1,548	1,532	718	117	697	1,898	275	1,220
Mineral products, total	712,154	678,336	642,537	445,136	569,745	408,835	496,939	570,220	241,729	183,097	145,394	557,314	238,098	197,512
Anthracite	78,100	58,260	71,252	60,644	60,097	53,173	58,396	58,524	58,348	139	37	91,417	216	304
Bituminous coal	384,349	346,346	322,150	249,413	292,265	225,344	259,992	298,315	117,919	150,417	29,979	314,249	191,311	59,361
Coke	26,895	19,798	14,536	10,572	15,026	8,988	12,559	15,824	12,754	1,500	1,570	17,930	2,755	2,658
Iron ore	84,433	72,134	59,980	34,888	76,961	24,846	56,321	78,383	3,511	2,773	72,099	54,056	3,884	74,838
Copper ore and concentrates	21,550	12,289	4,525	903	5,591	3,519	3,686	1,634	3	1	1,630	21	46	4,086
Other ores and concentrates			6,957	4,450	7,644	5,714	6,409	8,204	2,807	1,261	4,136	5,911	2,363	6,746
Gravel, sand, and stone [3]	98,720	145,405	112,196	46,826	57,645	46,326	47,963	51,718	16,944	14,709	20,065	22,396	18,684	25,662
Crude petroleum	6,435	11,245	6,598	3,495	4,140	4,046	5,929	5,035	1,593	1,081	2,361	2,266	1,312	3,737
Asphaltum	1,424	2,531	2,925	3,049	4,273	4,243	4,826	5,254	2,690	833	1,731	4,733	1,685	3,173
Salt	3,250	3,403	2,952	2,595	3,067	2,765	2,948	3,046	1,506	14	1,526	4,208	1,095	2,788
Phosphate rock, crude	6,997	6,925	5,712	5,108	6,263	5,577	5,540	5,916	16	5,718	182	325	6,499	301
Sulphur			1,934	1,572	2,689	1,735	2,302	2,650	238	42	2,370	527	242	3,095
Other mineral products [3]			30,820	21,621	34,084	22,559	30,068	35,717	23,400	4,609	7,708	39,275	8,006	10,763
Products of forests, total	100,766	107,391	69,371	42,483	58,658	43,973	50,156	58,221	4,027	19,667	34,527	24,233	31,382	57,240
Logs, posts, poles, piling, and cordwood	38,571	45,428	28,451	15,844	20,820	15,062	16,944	18,040	338	3,153	14,549	1,322	3,942	17,404
Ties	5,472	4,292	3,522	1,546	2,598	1,489	1,460	1,777	199	729	849	564	1,016	1,137
Pulpwood	4,992	5,826	6,524	5,047	8,449	7,474	8,659	12,269	1,140	6,028	5,101	2,251	7,316	6,963
Lumber, shingles, lath, cooperage materials, veneer, etc.	48,618	49,019	27,800	17,875	23,544	17,529	20,130	22,880	1,346	8,352	13,182	17,195	16,898	30,416
Other forest products	3,112	2,826	3,074	2,171	3,247	2,419	2,963	3,255	1,004	1,405	846	2,901	2,210	1,320

Manufactures and miscellaneous, total	251, 864	285, 291	277, 765	196, 506	265, 302	194, 512	233, 086	262, 010	153, 419	35, 803	72, 788	285, 396	80, 231	145, 342
Refined petroleum and its products	29, 616	46, 273	62, 901	48, 718	54, 614	48, 644	49, 302	50, 508	18, 406	6, 935	25, 167	28, 539	12, 884	44, 609
Vegetable oils	938	1, 446	1, 602	1, 524	1, 828	1, 703	1, 722	1, 694	561	449	684	1, 571	988	1, 166
Sugar, sirup, glucose, and molasses	5, 664	5, 700	5, 659	4, 895	6, 361	6, 183	6, 166	6, 015	1, 463	750	3, 802	2, 837	2, 204	6, 581
Iron, pig [4]	16, 451	14, 577	5, 140	3, 471	5, 833	2, 521	4, 368	5, 409	3, 629	1, 232	548	5, 774	1, 648	1, 000
Scrap iron and steel	(5)	(5)	9, 901	9, 517	15, 355	6, 941	11, 144	12, 751	8, 271	1, 320	3, 160	12, 491	2, 078	4, 322
Iron and steel (6th class, n. o. s.)	(5)	(5)	3, 680	3, 666	6, 092	2, 916	4, 850	7, 967	7, 792	35	140	10, 688	333	656
Rails, fastenings, frogs, and switches [6]	3, 047	2, 646	1, 778	891	1, 539	700	1, 264	1, 477	1, 249	92	136	1, 890	322	609
Iron and steel pipes and fittings [7]	27, 443	29, 144	6, 442	2, 948	5, 317	3, 455	4, 639	5, 193	3, 737	726	730	6, 697	1, 895	2, 824
Iron and steel (5th class, n. o. s.) [7]			26, 745	20, 117	30, 213	15, 342	24, 186	30, 286	27, 256	1, 205	1, 825	44, 747	4, 537	7, 244
Iron and steel nails and wire	(5)	(5)	1, 372	1, 307	1, 591	1, 112	1, 612	1, 688	1, 269	112	307	2, 443	407	753
Copper: Ingot, matte, and pig	5, 170	5, 419	665	347	689	421	647	956	586	6	364	1, 612	214	1, 395
Lead and zinc: Ingot, pig, or bar			1, 124	1, 011	1, 293	946	1, 285	1, 552	622	12	918	1, 988	197	1, 795
Other metals: Pig, bar, sheet, etc			379	284	511	410	625	729	282	58	389	855	149	697
Machinery and boilers [8]	9, 391	5, 359	3, 072	1, 507	2, 419	1, 547	1, 645	2, 096	1, 572	129	395	3, 484	627	1, 095
Cement	15, 400	24, 516	23, 180	11, 454	17, 137	15, 705	18, 097	18, 985	9, 179	3, 123	6, 683	18, 801	6, 497	10, 105
Brick and artificial stone	15, 251	19, 668	12, 595	4, 595	7, 207	4, 806	6, 373	6, 391	3, 644	1, 529	1, 218	6, 608	2, 637	2, 277
Lime and plaster	4, 410	6, 830	3, 452	2, 254	3, 469	2, 912	3, 438	3, 729	2, 344	505	880	4, 496	1, 470	2, 000
Sewer pipe and drain tile	2, 165	2, 426	1, 946	673	928	763	824	820	472	146	202	1, 086	359	411
Agricultural implements and vehicles other than automobiles [9]	3, 324	2, 281	1, 657	1, 036	1, 657	1, 336	1, 380	1, 699	698	123	878	1, 490	521	1, 769
Automobiles, autotrucks, parts, tires, etc	3, 427	6, 980	6, 624	6, 921	8, 411	4, 360	6, 119	7, 806	6, 356	281	1, 169	11, 801	1, 702	4, 678
Furniture	743	970	733	473	644	469	593	709	261	218	230	888	582	621
Beverages	1, 240	841	893	2, 048	2, 752	2, 391	2, 539	2, 692	834	347	1, 511	2, 372	1, 045	2, 959
Ice	5, 795	4, 928	2, 578	854	912	645	635	614	106	50	458	110	57	468
Fertilizers	9, 204	8, 463	12, 302	6, 940	8, 891	7, 104	7, 507	9, 513	2, 849	4, 997	1, 667	5, 401	8, 193	3, 311
Printing paper [10]	3, 144	3, 328	3, 399	2, 531	3, 090	2, 573	3, 056	3, 118	2, 203	212	703	8, 991	754	2, 488
Chemicals and explosives [11]	8, 348	9, 579	2, 672	2, 186	2, 800	2, 037	2, 517	3, 041	1, 652	727	662	2, 579	1, 480	1, 000
Textiles	805	966	710	518	663	540	614	615	129	395	91	569	877	271
Canned food products	3, 074	4, 144	4, 751	3, 844	4, 607	4, 103	4, 518	4, 750	2, 005	301	2, 444	5, 659	1, 238	4, 962
Furnace slag	77, 814	78, 807	11, 000	2, 254	3, 967	2, 809	3, 782	5, 484	4, 208	1, 218	58	4, 507	2, 525	109
Paper board, pulpboard, and wall board (paper)			2, 241	2, 021	2, 653	2, 255	2, 746	3, 005	1, 088	1, 145	772	3, 687	2, 597	2, 120
Building paper and prepared roofing materials			1, 687	1, 506	1, 835	1, 801	1, 668	1, 549	842	206	501	1, 715	774	934
Other manufactures and miscellaneous			54, 885	44, 195	60, 024	45, 062	53, 225	59, 169	37, 854	7, 219	14, 096	79, 020	18, 440	30, 113
Merchandise—all l. c. l. freight	53, 202	40, 587	99, 687	14, 039	17, 188	14, 392	14, 875	14, 693	7, 513	2, 915	4, 265	14, 716	6, 562	6, 806

[3] "Gravel, sand, and stone" includes clay prior to 1930 which is reported with "Other mineral products" in 1930 and thereafter.
[4] Includes bloom prior to 1930.
[5] Not reported separately.
[6] "Rails and fastenings" prior to 1930.
[7] "Bar, sheet, and structural iron and pipe" prior to 1930.
[8] Includes castings prior to 1930.
[9] Includes railway car wheels, axles, and trucks.
[10] "Paper, printed matter, and books" prior to 1930.
[11] Data beginning 1930 not comparable with prior years.

Source: Interstate Commerce Commission; annual report, Freight Commodity Statistics of Class I Steam Railways in the United States.

No. 522.—Steam-Railway Accidents—Number of Persons Killed and Injured, by Causes of Accidents: 1931 to 1940

Note.—Figures in this table exclude casualties due to suicide and beginning with 1933 casualties due to mental derangement and attempting to escape custody and differ, therefore, from those in table 523 in which such data are included.

Cause of accident	Killed					Injured				
	1931–1935, average	1936–1940, average	1938	1939	1940	1931–1935, average	1936–1940, average	1938	1939	1940
All accidents	4,970	4,844	4,499	4,362	4,612	29,816	31,272	27,253	28,119	29,590
Train accidents [1]	225	287	293	214	342	1,125	1,393	1,073	1,422	1,556
Passengers on trains	8	28	52	13	66	465	678	475	776	863
Travelers not on trains										
Employees	80	106	92	94	95	373	463	371	431	445
Other persons	137	153	149	107	181	287	252	227	215	248
Causes:										
Collisions	32	53	40	22	83	417	616	420	538	869
Passengers on trains	3	11	9	3	41	222	355	225	324	588
Travelers not on trains										
Employees	25	39	28	17	40	144	207	156	166	244
Other persons	4	3	3	2	2	51	54	39	48	37
Derailments	113	123	138	104	123	577	624	511	735	519
Passengers on trains	5	17	43	9	25	230	298	227	417	232
Travelers not on trains										
Employees	42	47	43	63	37	180	206	175	205	170
Other persons	66	59	52	32	61	167	120	109	113	117
Other causes	80	111	115	88	136	131	153	142	149	168
Passengers on trains	------	(2)	------	1	------	13	25	23	35	43
Travelers not on trains										
Employees	13	20	21	14	18	49	50	40	60	31
Other persons	67	91	94	73	118	69	78	79	54	94
Train-service accidents [3]	4,522	4,349	3,996	3,942	4,102	16,220	18,369	14,429	14,588	16,002
Passengers on trains	26	13	17	14	9	1,525	1,774	1,797	1,727	1,667
Travelers not on trains		9	6	11	5		72	66	67	60
Employees	376	376	294	306	380	7,005	7,485	6,110	6,557	7,511
Other persons	4,120	3,951	3,679	3,611	3,708	7,690	7,038	6,456	6,237	6,764
Causes:										
Coupling or uncoupling locomotives or cars	15	15	6	11	14	293	309	244	285	312
Coupling or uncoupling air hose	10	8	6	7	10	134	142	113	121	147
Operating locomotives	7	6	2	5	7	1,007	936	780	790	845
Operating hand brakes	14	11	11	4	10	596	653	555	601	669
Operating switches	1	------	------	------	------	202	245	202	167	259
Contact with fixed structures	60	34	36	36	26	258	200	171	175	209
Getting on or off cars or locomotives	449	266	271	256	170	3,689	3,371	3,182	3,129	3,277
Highway grade-crossing accidents [4]	1,522	1,549	1,385	1,294	1,643	4,135	4,389	3,848	3,862	4,461
Struck or run over, not at public crossings	1,726	1,643	1,518	1,536	1,448	969	926	798	811	844
Miscellaneous	718	817	761	793	774	4,937	5,198	4,536	4,647	4,979
Nontrain accidents [5]	223	208	210	206	168	12,471	13,510	11,751	12,109	12,032
Passengers on trains	3	------	------	------	------	540	------	------	------	------
Travelers not on trains		3	3	2	2		716	670	750	754
Employees	132	129	125	132	105	10,844	11,817	10,088	10,394	10,394
Other persons	88	76	82	72	61	1,087	977	993	965	884

[1] Covers collisions, derailments, and other accidents that caused reportable damage to railway property.
[2] Negligible.
[3] Covers accidents associated with train operation resulting in but minor damage, if any, to railway property.
[4] Excludes persons killed and injured at highway grade crossings in connection with derailments and miscellaneous train accidents.
[5] Covers accidents occuring in shops, yards, along the track, or at stations but not connected with the movement of cars or locomotives.

Source: Interstate Commerce Commission, annual Accident Bulletin.

No. 523.—Steam-Railway Accidents—Number of Persons Killed and Injured, by Status: 1891 to 1940

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, including those due to suicide, mental derangement, and attempting to escape custody.

Yearly average or year ended—	Total		Passengers [1] [2]		Employees [3]		Other persons		Trespassers [2]	
	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	595	1,283	3,618	4,011
1896–1900	6,946	42,248	222	3,237	2,054	32,793	634	1,547	4,036	4,672
1901–1905	9,326	72,943	392	7,894	3,249	57,209	891	2,793	4,795	5,047
1906–1910	10,210	105,617	385	11,625	3,572	83,502	994	4,830	5,258	5,660
1911–1915	10,174	174,941	273	13,382	3,273	148,640	1,262	6,836	5,366	6,083
Dec. 31:										
1916–1920	8,662	176,693	304	7,419	2,855	157,523	2,074	8,460	3,429	3,291
1921	5,996	120,685	205	5,584	1,446	104,530	1,864	7,500	2,481	3,071
1922	6,325	134,871	200	6,153	1,657	117,197	2,038	8,677	2,430	2,844
1923	7,385	171,712	138	5,847	2,026	152,678	2,442	10,140	2,779	3,047
1924	6,617	143,739	149	5,354	1,543	125,319	2,369	10,213	2,556	2,853
1925	6,766	137,435	171	4,952	1,599	119,224	2,412	10,571	2,584	2,688
1926	7,090	130,235	152	4,461	1,672	111,903	2,705	11,326	2,561	2,545
1927	6,992	104,817	88	3,893	1,570	88,223	2,608	9,976	2,726	2,725
1928	6,680	86,205	91	3,468	1,329	70,873	2,773	9,497	2,487	2,367
1929	6,690	77,013	114	3,846	1,428	60,739	2,724	10,082	2,424	2,346
1930	5,665	49,443	61	2,666	977	35,872	2,218	8,230	2,409	2,675
1931	5,271	35,671	46	2,104	677	23,358	2,050	7,232	2,489	2,977
1932	4,905	29,232	27	1,912	579	17,742	1,722	6,214	2,577	3,364
1933	5,180	27,516	51	2,067	533	15,932	1,704	5,915	2,892	3,602
1934	5,020	28,641	38	1,945	556	17,338	1,729	6,573	2,697	2,785
1935	5,258	28,108	30	1,949	600	16,742	1,842	6,711	2,786	2,706
1936	5,550	34,723	41	2,548	720	22,409	1,988	7,348	2,801	2,418
1937	5,502	36,713	34	2,594	712	24,114	2,102	7,703	2,654	2,302
1938	4,649	27,275	81	2,345	513	16,569	1,695	6,253	2,360	2,108
1939	4,492	28,144	40	2,580	536	17,383	1,564	6,225	2,352	1,956
1940	4,740	29,606	83	2,597	583	18,350	1,979	6,886	2,095	1,773

[1] Data cover passengers on trains and travelers not on trains.
[2] Casualties sustained in nontrain accidents included with "other persons."
[3] Prior to 1921 casualties sustained by employees not on duty in nontrain accidents included with "other persons."

Source: Interstate Commerce Commission, annual Accident Bulletin.

No. 524.—Steam Railways (Class I)—Fuel Consumption and Rail and Tie Replacements: 1937, 1938, and 1939

Note.—Rails and ties laid in new construction are not included. A short ton is 2,000 pounds; a long ton, 2,240 pounds.

	All districts			1939		
	1937	1938	1939	Eastern district	Southern district	Western district
Consumption of fuel by locomotives:						
Anthracite ... 1,000 short tons	473	433	719	719	----------	----------
Bituminous coal ... do	82,667	68,794	73,935	34,348	17,217	22,370
Fuel oil [1] ... 1,000 gallons	2,581,441	2,240,299	2,334,571	7,879	32,836	2,293,856
Other fuel equivalent 1,000 short tons	31	36	44	4	13	27
Total, coal equivalent [2] 1,000 short tons	99,733	83,664	89,719	35,121	17,425	37,173
Rails laid in replacement and betterment:						
Total tonnage ... 1,000 long tons	1,975	1,203	1,719	538	330	851
Total charges [3] ... 1,000 dollars	62,558	40,667	57,431	17,114	10,696	29,621
Ties laid in previously constructed tracks:						
Crossties ... thousands	47,730	41,363	45,088	10,805	9,714	24,569
Switch and bridge ties ... 1,000 board feet	159,430	141,888	147,045	36,450	36,445	74,150
Total charges [3] ... 1,000 dollars	60,160	54,293	60,242	17,813	12,682	29,747

[1] The ratio of fuel oil to coal is based upon the experience of the various roads.
[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.

Source: Interstate Commerce Commission; annual report, Statistics of Railways in the United States.

No. 525.—Express Companies—Income Account: 1921 to 1940

Note.—In thousands of dollars Mileage operated by Railway Express Agency, Inc., 1940: Total, 285,454; steam road, 202,455; electric line, 2,409; steamboat line, 20,392; airplane, 44,399; stage line, 15,799.

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.:									
1921	294,664	113,491	184,897	182,265	2,631	2,095	508	2,074	2,309
1925	290,303	143,832	149,715	146,433	3,282	2,059	1,195	1,088	2,184
1929 [4 5]	41,104	18,554	23,083	22,560	523	327	193	193	381
Railway Express Agency, Inc.:									
1929 [4 6]	242,216	127,591	117,628	115,535	2,093	1,343	734	687	20
1931	192,044	81,221	113,997	111,181	2,816	1,343	1,457	302	4
1932	137,703	53,085	87,436	84,513	2,923	1,380	1,513	234	[7] *5*
1933	118,673	44,468	76,503	73,416	3,087	1,524	1,535	186	[7] *6*
1934	130,953	50,530	82,907	79,756	3,151	1,518	1,612	156	4
1935	138,751	53,170	88,068	84,899	3,169	1,548	1,603	148	4
1936	155,446	59,326	98,634	92,668	5,966	4,534	1,418	191	[7] *5*
1937	160,788	58,009	105,396	100,441	4,955	3,395	1,528	167	22
1938	155,590	50,478	107,640	98,827	8,813	6,401	2,394	173	731
1939	167,179	57,803	111,976	104,158	7,818	6,967	831	192	2
1940	176,521	59,063	119,957	111,478	8,479	7,539	907	178	4
Southeastern Express Co.:									
1921 [8]	4,374	1,649	2,781	2,719	61	25	37	10	47
1925	8,041	3,912	4,241	4,086	155	86	67	20	87
1929	8,007	3,900	4,244	4,098	146	110	35	38	73
1932	4,174	1,420	2,848	2,726	122	78	43	21	64
1933	4,326	1,537	2,905	2,769	136	94	38	15	53
1934	5,060	2,049	3,135	3,003	132	96	35	11	46
1935	5,520	2,234	3,406	3,250	156	96	57	3	60
1936	6,270	2,484	3,903	3,705	198	140	57	----------	57
1937	6,102	1,997	4,221	3,930	291	242	48	1	49
1938 [9]	3,122	746	2,436	2,270	166	158	6	1	7

[1] Includes revenues from sources other than transportation.
[2] Deducting, besides taxes, a small amount of uncollectible revenue.
[3] Sum of 2 preceding columns less deductions.
[4] Result of operations for 2 months ended Feb. 28, 1929.
[5] Operations taken over by Railway Express Agency, Inc.
[6] Result of operations for 10 months ended Dec. 31, 1929.
[7] Deficit.
[8] Result of operations for 8 months ended Dec. 31, 1921.
[9] Result of operations for 7 months ended July 31, 1938.

No. 526.—Pullman Company—Summary of Operations: 1910 to 1940

[All money figures in thousands of dollars]

Year ended—	Gross revenues, car operations	Association revenues, debtor	Contract revenues, debtor [1]	Expenses, car operations: Total	Expenses, car operations: Conducting car operations	Net revenues, car operation	Operating income	Revenue passengers carried: Thousands	Revenue passengers carried: Number per car-day
June 30:									
1910	35,334	66	893	23,962	(2)	11,372	13,151	20,203	14
1915	38,723	467	1,954	26,633	11,716	12,090	10,816	24,252	12
Dec. 31:									
1920	72,124	---------	13,155	61,031	30,805	11,093	9,304	39,255	16
1925	80,198	---------	8,873	63,513	32,247	16,685	12,546	35,526	12
1926	81,834	---------	9,463	68,204	35,009	13,630	9,565	36,073	11
1927	80,952	---------	8,906	66,503	34,848	14,449	10,360	35,197	11
1928	80,846	---------	8,604	66,656	34,935	14,190	10,938	33,924	11
1929	82,384	---------	8,704	69,490	36,191	12,894	9,185	33,434	10
1930	76,234	---------	5,534	68,960	35,379	7,274	4,937	29,360	9
1931	62,558	---------	2,573	57,243	27,386	5,315	3,009	22,985	9
1932	43,366	---------	1,550	42,465	19,276	901	[3] *1,220*	15,750	8
1933	38,436	---------	1,325	37,888	16,358	548	[3] *564*	13,717	8
1934	44,070	---------	2,361	41,976	17,527	2,094	400	15,105	8
1935	48,428	---------	2,683	49,077	19,720	[3] *649*	[3] *1,647*	15,479	8
1936	56,347	---------	4,580	50,102	20,258	6,245	3,454	17,198	9
1937	62,112	---------	3,834	54,566	22,081	7,547	4,219	17,745	9
1938	56,963	---------	2,762	51,549	21,812	5,414	1,503	15,540	8
1939	58,524	---------	3,946	52,895	21,943	5,629	2,176	15,655	8
1940	57,962	---------	2,131	51,942	21,940	6,020	2,266	14,765	8

[1] Amounts due other carriers under the provisions of definite contracts. [2] Not separated. [3] Deficit.

Source of tables 525 and 526: Interstate Commerce Commission; annual report, Statistics of Railways in the United States.

No. 527.—The Alaska Railroad—Summary of Passenger and Freight Services: Years Ended June 30, 1939 and 1940

	1939	1940		1939	1940
Road mileage operated—monthly average	500.8	500.8	FREIGHT TRAFFIC		
PASSENGER TRAFFIC			Freight-train miles	100,690	138,712
Passenger-train miles [1]	101,151	110,726	Mixed-train miles	7,670	10,406
Mixed-train miles	7,670	10,406	Loaded cars, 1 mile, freight and mixed trains	1,690,962	2,206,472
Passenger-car miles, passenger trains [1]	[2] 422,199	[2] 487,364	Empty cars, 1 mile, freight and mixed trains	1,164,248	1,623,609
Passenger-car miles, mixed trains	[3] 15,475	[4] 21,994	All cars, 1 mile	2,855,210	3,830,081
Total revenue passengers carried	27,436	29,510	Tons of revenue freight carried:		
Revenue passengers carried 1 mile	5,067,112	4,939,980	Coal	104,066	113,980
Total passenger revenue	$259,452	$264,715	Miscellaneous	53,838	80,487
Average revenue per passenger per mile	$0.05120	$0.05359	Tons of revenue freight carried 1 mile	27,826,082	39,907,588
			Total freight revenue	$1,634,393	$2,311,152
			Average revenue per ton per mile	$0.05874	$0.05791

[1] Including motor miles.
[2] Includes actual miles by passenger-train cars in passenger and special trains and miles run by such cars incidentally in freight trains.
[3] Includes 7,715 baggage-car miles.
[4] Includes 10,680 baggage-car miles.

Source: Department of the Interior, Division of Territories and Island Possessions.

No. 528.—Electric Railways—Summary: 1890 to 1937

Note.—The census of street railways, which was first taken in 1890, and which has been taken at quinquennial intervals beginning with the inquiry for 1902, covers (1) all street railways, without regard to kind of motive power, and (2) all interurban railways using other than steam as motive power. The nonelectric railroads included are those operated principally by cable and gasoline engines. Operations of electrified divisions of steam-railway companies are not included. Figures in this table and tables 529-531, 533, 535 do not include data for motorbus and trolley-bus operations of electric street railways. (For motorbus and trolley-bus statistics from census reports, see tables 536-538).

	1890	1902	1912	1922	1927	1932	[1] 1937
Number of companies	789	987	1,260	[2] 1,200	[2] 963	[2] 706	[2] 478
Miles of line operated [3]	5,783	16,645	30,438	31,264	27,948	20,110	14,214
Miles of all track operated [3]	8,123	22,577	41,065	43,932	40,722	31,548	23,770
Value of road and equipment (thousand dollars)	389,357	2,167,634	4,596,563	5,058,762	(4)	4,143,381	4,399,768
Number of employees [5]	70,764	140,769	282,461	300,119	264,575	[6] 182,165	152,476
Number of passenger cars	32,505	60,290	76,162	77,301	70,309	59,692	44,864
Revenue passengers, including pay-transfer (thousands)	2,023,010	4,774,212	9,545,555	12,666,558	12,174,592	[7] 7,955,981	7,485,290
Operating revenues (thousand dollars) [8]	90,617	247,554	567,512	1,016,719	927,774	566,290	513,129
Operating expenses (thousand dollars) [8]	62,011	142,313	332,896	727,795	694,460	442,607	406,119
Operating ratio (per cent)	68.4	57.5	58.7	71.6	74.9	78.2	79.1

[1] Excludes data for 22 companies, operating on a part-year basis. These companies reported 36,810,221 passengers; 9,108,009 car-miles; 1,042,866 car-hours; $2,388,295, operating revenue; and $2,412,010, operating expense.
[2] Includes certain companies in Pennsylvania which maintained separate organizations, though controlled through stock ownership by other companies. For 1912 these companies were treated as merged and not included in the number reported.
[3] Includes small mileage of track lying outside United States.
[4] Data incomplete. Some of the companies engaged in both light-and-power and electric-railway operations were unable to report separately the values of plant and equipment assignable to their railway activities.
[5] Number reported as of June 30, for 1890, 1922, 1927, and 1932; for 1902, average for the year; for 1912, as of Sept. 16. Figures for 1937 represent an average of numbers reported on June 30 and Dec. 31.
[6] Includes 334 trolley-bus operators.
[7] Includes 29,721,000 trolley-bus passengers.
[8] Includes auxiliary operating revenues of $8,905,000 for 1927 and $91,242,000 for 1922; auxiliary expenses, $7,822,000 for 1927, and $49,232,000 for 1922. Data for operating revenues and operating expenses of auxiliary operations excluded so far as possible for earlier years.

Source: Department of Commerce, Bureau of the Census; Census of Electrical Industries, report on Street Railways and Trolley-Bus and Motorbus Operations.

No. 529.—Electric Railways—Track Mileage, Equipment, Traffic, and Personnel: 1917 to 1937

Note.—See headnote, table 528.

	All companies					Surface lines	
	1917	1922	1927	1932	1937	1932	1937
Number of operating companies	943	858	682	485	294	478	290
Miles of single track [1]	44,835	43,932	40,722	31,548	23,770	30,519	22,984
First track (length of line)	32,548	31,264	27,948	20,110	14,214	19,783	13,959
Second and other tracks	12,288	12,668	12,774	11,438	9,556	10,736	9,025
Electric track with:							
Overhead trolley	*42,491*	*41,418*	*38,246*	*20,448*	(4)	*26,370*	(4)
Third rail and conduit trolley	2,051	2,314	2,270	1,886	(2)	927	(2)
Other (electric)	137	78	95	102	(2)	102	(4)
Number of cars	102,603	99,255	93,246	79,984	58,371	67,339	49,522
Passenger	79,914	77,301	70,309	59,602	44,864	50,593	38,231
Express, freight, and mail	11,534	11,406	13,337	12,509	8,127	9,266	6,142
Service cars	11,155	10,548	9,600	7,783	5,380	7,480	5,149
Number of electric locomotives	357	404	462	609	533	464	410
Electric energy (1,000 kilowatt-hours) [3]	12,187,851	12,405,053	9,389,597	7,343,517	6,864,077	5,935,176	5,567,919
Generated [3]	7,240,503	6,473,451	2,975,863	2,433,176	1,440,874	1,265,000	(4)
Purchased	4,947,348	5,931,602	6,413,734	4,910,341	5,423,204	4,670,175	(4)
Passengers carried (thousands)	14,506,915	15,331,400	14,901,435	9,854,185	9,416,783	7,814,741	7,831,805
Revenue passengers, including pay transfer	11,304,661	12,666,558	12,174,592	7,926,260	7,485,290	5,892,641	5,902,348
Free-transfer passengers	3,021,138	2,496,570	2,571,249	1,823,870	1,805,864	1,823,646	1,805,615
Free passengers	181,116	168,272	155,594	104,055	125,629	98,453	123,842
Revenue car mileage (thousands)	*2,139,802*	*2,124,523*	*2,163,773*	*1,661,491*	*1,489,691*	*1,284,611*	*1,168,176*
Passenger	2,087,819	2,068,294	2,084,566	1,642,023	1,442,406	1,245,143	1,120,891
Express, freight, and mail	51,983	56,229	79,207	39,468	47,285	39,468	47,285
Average number of revenue passengers:							
Per mile of all track [5]	252,323	288,600	299,733	251,244	314,905	193,081	256,802
Per passenger-car hour	56.79	64.25	61.97	54.43	57.65	48.79	53.70
Revenue car-hours (thousands)	203,057	201,838	202,513	147,836	133,812	122,993	113,896
Passenger	199,053	197,146	196,464	145,630	129,838	120,787	109,921
Express, freight, and mail	4,004	4,692	6,049	2,206	3,974	2,206	3,974
Salaried employees:							
Number	27,151	30,239	27,845	20,260	18,068	18,448	15,717
Salaries (thousand dollars)	33,910	57,489	56,647	40,147	38,630	35,621	32,878
Wage earners:							
Number	267,675	269,880	236,780	[6] 161,905	134,408	[6] 131,923	114,423
Wages (thousand dollars)	233,331	387,643	380,978	[6] 241,686	217,744	[6] 191,224	184,455
Conductors and motormen:							
Number	136,184	130,224	113,180	[6] 78,928	72,140	[6] 74,173	(4)
Wages (thousand dollars)	127,222	204,690	196,630	[6] 121,752	122,869	[6] 112,475	(4)
Other wage earners:							
Number	*131,491*	*139,656*	*123,550*	*82,977*	*62,268*	*57,750*	(4)
Wages (thousand dollars)	106,109	182,953	184,341	119,934	94,875	78,749	(4)
Accidents (fatalities and injuries), total	144,427	111,132	139,219	118,456	141,944	96,278	122,594
Killed or died from injuries	2,573	1,679	1,606	944	943	850	817
Injured, but not killed	141,854	109,453	137,613	117,512	141,001	95,428	121,777

[1] Includes mileage of track lying outside United States, as follows: 1917, 1922, and 1927, 27 miles; 1932, 24 miles.

[2] No comparable data. Figures for first track of all companies are: Overhead trolley, 13,150; third rail and conduit trolley, 797; other electric, 103; other than electric, 164.

[3] Figures for 1917 and 1922 include data for light and power departments of electric-railway companies and therefore are not comparable with those for later years, which exclude such data.

[4] Not available.

[5] Based on miles of all track operated for 1937 and 1932; for prior years based on total track mileage operated by roads which carried revenue passengers.

[6] Includes 334 trolley-bus operators with wages of $551,000.

Source: Department of Commerce, Bureau of the Census; Census of Electrical Industries, report on Street Railways and Trolley-Bus and Motorbus Operations.

No. 530.—Electric Railways—Track Mileage, Passenger Traffic, Passenger Revenue, and Revenue Car-Mileage, by States: 1932 and 1937

Note.—See headnote, table 528. Figures represent total activities of companies domiciled in the respective States, some of which companies operate in other States.

Division and State	Miles of track operated		Revenue passengers [1] (thousands)		Passenger revenue (thousands of dollars)		Revenue car-miles (thousands)			
							1932	1937		
	1932	1937	1932	1937	1932	1937	Total	Total	Passenger cars	Express, mail, and freight cars
United States	31,548	23,770	7,926,260	7,485,290	518,060	471,065	1,681,491	1,499,691	1,442,406	47,285
New England	2,443	1,202	528,674	382,547	43,262	31,875	106,242	64,788	64,422	366
Maine	276	192	14,403	11,389	1,437	969	6,814	4,497	4,283	213
New Hampshire	87	53	4,839	3,289	410	265	1,858	1,080	1,071	9
Vermont and Rhode Island [2]	203	317	64,884	72,357	9,723	4,897	8,462	13,824	13,754	70
Connecticut	572		76,954				20,309			
Massachusetts	1,305	640	367,594	295,512	31,692	25,744	68,820	45,387	45,313	74
Middle Atlantic	6,924	5,532	3,839,473	3,499,452	219,363	198,460	664,045	638,212	636,757	1,455
New York	3,295	2,535	2,899,494	2,676,484	152,936	138,255	492,408	495,100	494,506	594
New Jersey	701	727	175,170	97,611	9,184	5,112	23,459	13,244	13,239	5
Pennsylvania	2,928	2,270	764,809	725,357	57,243	53,093	148,178	129,867	129,013	856
E. N. Central	8,168	5,955	1,708,211	1,823,359	117,259	117,730	385,595	345,842	331,216	14,626
Ohio	2,551	1,767	420,642	453,238	25,743	25,169	83,653	69,963	66,075	3,888
Indiana	1,648	1,218	97,681	86,307	7,399	7,044	41,971	33,679	26,401	7,278
Illinois	2,490	1,980	806,557	881,819	63,817	65,311	194,267	188,199	185,692	2,507
Michigan [2]	832	990	269,324	401,994	12,896	20,206	37,930	54,001	53,047	954
Wisconsin [2]	646		114,007		7,404		27,758			
W. N. Central	3,228	2,614	401,915	360,451	34,188	29,109	122,072	97,899	92,467	5,432
Minnesota	630	588	121,041	115,744	9,387	8,953	29,403	25,236	25,203	32
Iowa	872	825	32,169	30,095	2,652	2,349	15,881	15,058	10,174	4,884
Missouri	1,028	791	208,052	187,114	18,660	15,392	61,094	49,121	49,091	30
North Dakota [2]	20	169	1,331	26,862	2,046	2,289	737	6,962	6,946	16
Nebraska [2]	176		30,119				7,911			
Kansas	502	241	9,203	635	843	125	7,046	1,523	1,053	469
South Atlantic	2,764	2,015	416,799	419,093	32,931	30,756	119,933	95,847	91,198	4,650
Delaware and Dist. of Columbia [2]	268	713	99,494	242,693	19,510	19,145	19,765	47,155	47,092	63
Maryland	639		121,924				34,154			
Virginia	488	334	62,607	58,945	3,871	3,394	17,782	13,314	13,086	228
West Virginia	380	302	32,545	37,511	2,527	2,659	11,934	9,311	9,267	44
North Carolina [2]	125	549	13,946	59,490	913	4,448	5,641	20,406	16,092	4,314
South Carolina [2]	310		5,954		395		6,283			
Georgia [2]	354		52,279		4,057		15,888			
Florida	199	117	28,051	20,444	1,658	1,110	8,487	5,662	5,662	-------
E. S. Central	1,182	724	172,307	149,207	11,880	9,948	47,455	33,607	33,574	33
Kentucky [2]	443	431	68,547	93,065	4,879	6,068	17,496	19,971	19,956	15
Mississippi [2]	27		1,615		101		1,172			
Alabama [2]	304		40,101		2,450		12,539			
Tennessee	409	293	62,104	56,142	4,450	3,880	16,248	13,635	13,618	18
W. S. Central	1,500	1,029	180,443	144,265	13,301	9,986	59,200	52,733	49,810	2,923
Arkansas [2]	112	194	13,725	72,442	794	4,836	5,138	12,430	12,430	-------
Louisiana [2]	201		67,958		4,819		13,509			
Oklahoma	310	325	10,994	9,472	1,040	814	7,548	5,337	3,909	1,428
Texas	878	510	87,765	62,351	6,648	4,336	33,005	34,965	33,470	1,495
Mountain	1,004	852	55,464	48,216	4,613	3,913	21,404	20,676	12,730	7,946
Montana, Colorado, and Arizona [2]	-------	456	-------	42,622	-------	3,351	-------	15,817	10,800	5,017
Montana	190	-------	3,757	-------	237	-------	2,344	-------	-------	-------
Colorado	308	-------	34,063	-------	2,834	-------	10,639	-------	-------	-------
Arizona [2]	506	-------	17,644	-------	1,542	-------	8,421	-------	-------	-------
Utah [2]		396		5,594		562		4,859	1,930	2,929
Pacific	4,334	3,847	622,915	658,711	41,263	41,288	155,544	140,087	130,233	9,853
Washington [2]	781	873	71,429	82,190	5,385	7,303	23,558	29,608	27,924	1,683
Oregon [2]	545		45,334		3,189		15,165			
California	3,008	2,974	506,152	576,521	32,689	33,985	116,821	110,479	102,309	8,170

[1] Including pay transfers.
[2] Except for track mileage, data were combined to avoid disclosing individual operations.

Source: Department of Commerce, Bureau of the Census; Census of Electrical Industries, report on Street Railways and Trolley-Bus and Motorbus Operations.

No. 531.—Electric Railways—Income Account of Operating Companies: 1922 to 1937

Note.—See headnote, table 528.

[All figures except percentages in thousands of dollars]

	All companies				Surface lines	
	1922	1927	1932	1937	1932	1937
Gross operating revenue	1,009,747	921,230	996,309	864,016	877,189	778,108
Railway operations	925,477	918,869	[1] 560,290	513,129	447,169	427,221
Transportation, total	895,019	882,531	539,661	497,079	(2)	416,767
Passenger	854,663	834,601	518,060	471,065	408,431	391,918
All other	40,357	47,930	21,601	26,015	(2)	24,849
Miscellaneous	30,458	36,338	26,629	16,049	(2)	10,454
Auxiliary operations [3]	84,269	2,361	430,019	350,887	430,019	350,887
Operating expenses, total	720,823	687,933	680,581	643,360	601,857	585,524
Railway operating expenses	678,563	686,638	[1] 442,607	406,119	363,883	348,583
Way and structures	102,053	96,285	61,000	60,510	48,674	51,510
Equipment	87,237	92,865	55,921	52,267	43,993	43,513
Power	107,246	98,602	70,647	61,119	56,420	49,464
Conducting transportation	286,690	294,322	186,515	173,516	154,633	150,695
All other	95,388	104,564	68,524	58,707	60,163	53,401
Auxiliary operations [3]	42,260	1,295	237,974	237,242	237,974	237,242
Ratio of expenses to revenue (percent)	71.4	74.7	68.3	74.5	68.6	75.3
Net operating revenue	288,924	233,297	315,728	220,656	275,331	192,284
Taxes	64,788	57,809	40,670	40,400	33,416	32,965
Operating income	224,136	175,488	275,058	180,255	241,915	159,319

[1] Figures for 1932 not strictly comparable with those for 1937 because of the inclusion for 1932, and the exclusion for 1937 of a small amount of data for trolley-bus operations.

[2] Not available.

[3] Represents principally the operations of such utilities as light, power, gas, heat, and water, except for 1927, when only the incidental sales of such service are included. Does not include motorbus or trolley-bus operations of street railways.

Source: Department of Commerce, Bureau of the Census; Census of Electrical Industries, report on Street Railways and Trolley-Bus and Motorbus Operations.

No. 532.—Transit Systems (City, Suburban, and Interurban)—Receiverships and Trusteeships: 1910 to 1940

Year	Receiverships and trusteeships instituted				Receiverships and trusteeships terminated				
	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*
1910	11	697	12,629,400	75,490,735	22	724	19,106,613	26,374,075	(1)
1915	27	1,163	40,557,950	39,036,100	19	308	30,508,817	16,759,997	(1)
1916	15	350	14,119,168	11,434,708	19	430	13,895,400	22,702,300	(1)
1917	21	1,288	33,597,305	33,344,800	20	745	27,281,900	27,313,045	(1)
1918	29	2,106	92,270,779	172,015,103	23	524	37,740,325	20,149,384	(1)
1919	51	3,856	209,424,110	305,760,151	29	2,675	89,893,400	79,835,738	42,300
1920	19	1,055	36,467,105	67,755,850	13	260	7,782,400	11,227,328	52,000
1921	18	954	31,714,450	34,252,550	13	778	33,642,255	30,863,526	5,000
1922	14	702	17,596,050	25,160,800	13	323	7,491,500	12,640,600	14,683
1923	12	333	6,760,100	13,255,300	15	927	118,077,959	110,638,250	12,205,000
1924	13	1,164	30,355,585	40,290,355	14	869	21,022,800	34,845,535	3,440,388
1925	13	1,129	36,291,045	48,632,084	13	569	18,074,300	18,329,555	53,000
1926	16	1,281	16,871,390	117,743,311	28	1,291	20,054,700	57,340,363	214,000
1927	12	567	16,895,523	20,292,816	16	941	53,345,000	78,445,100	3,140,000
1928	8	396	8,467,200	15,014,400	8	1,004	26,084,325	40,683,400	168,150
1929	5	500	39,035,000	36,373,000	10	510	18,472,995	21,173,700	285,359
1930	15	1,765	79,647,700	97,442,081	8	1,055	36,254,965	44,564,000	----------
1931	16	1,526	40,782,922	45,155,383	12	845	38,206,600	19,769,600	50,000
1932	20	1,932	176,333,850	392,719,308	6	347	10,685,000	12,609,800	----------
1933	10	1,736	39,773,300	119,208,196	8	405	9,575,405	16,346,700	7,500
1934	5	246	3,887,600	7,217,100	6	329	13,685,100	19,563,000	----------
1935	11	[2] 939	42,681,037	70,371,343	10	[3] 861	32,517,800	91,512,071	----------
1936	6	[2] 167	6,241,625	25,688,500	12	[3] 882	34,965,637	29,742,515	----------
1937	2	[2] 111	4,563,520	3,025,000	4	[3] 138	2,492,400	25,492,420	----------
1938	5	[2] 669	33,495,700	50,188,000	10	[3] 633	17,478,250	14,382,473	480,000
1939	2	[2] 272	3,811,200	6,231,200	8	[3] 660	36,124,000	78,827,729	----------
1940	-------	-------	----------	----------	3	[3] 332	525,000	4,333,116	----------

[1] Not available.

[2] Mileage of bus routes: 1935, 1,459 miles; 1936, 39 miles; 1937, 39 miles; 1938, 226 miles; 1939, 110 miles. Not available for years prior to 1935.

[3] Mileage of bus routes: 1935, 234 miles; 1936, 555 miles; 1937, 12 miles; 1938, 186 miles; 1939, 1,320 miles; 1940, 111 miles. Not available for years prior to 1935.

Source: McGraw-Hill Publishing Co., Inc., New York, N. Y.; Transit Journal, Annual Statistical Number.

No. 533.—Electric Railways—Summary for Elevated and Subway Lines:[1] 1912 to 1937

	1912	1917	1922	1927	1932	1937
Number of companies	7	7	7	[2] 4	7	4
Miles of track [3]	517.8	666.1	857.9	870.9	1,028.4	786
Number of cars	5,706	6,801	8,096	8,654	12,645	8,849
Passengers carried (thousands)	1,004,823	1,274,652	1,745,167	2,222,586	2,039,445	1,584,978
Revenue passengers, including pay transfer	991,062	1,262,509	1,743,284	2,220,794	2,033,618	1,582,942
Revenue car mileage (thousands)	219,375	247,199	303,346	377,213	396,880	322,794
Average number of revenue passengers:						
Per mile of all track [4]	1,913,950	2,112,349	2,229,719	2,858,422	2,092,587	2,402,036
Per passenger-car hour	(5)	(5)	91	94	(5)	79
Salaried employees:						
Number	907	1,937	1,372	1,471	1,812	2,351
Salaries (thousands of dollars)	1,398	2,648	3,008	3,877	4,525	5,752
Wage earners:						
Number	19,098	26,835	26,007	27,955	29,982	19,985
Wages (thousands of dollars)	13,867	22,093	40,988	47,283	50,462	33,288

[1] Exclusive of the mixed elevated, subway, and surface systems of Boston and Philadelphia which are included in the surface group. [2] 4 companies were consolidated and treated as one company in 1927.
[3] Includes a minor amount of surface trackage.
[4] Average for 1912 based on all track exclusive of idle track and freight and switching roads; for 1917, 1922, and 1927, on running track exclusive of idle track and freight and switching roads; for 1932 and 1937, on total main track. [5] No data.

No. 534.—Electric Railways—Mileage of Elevated Track and Subway and Tunnel Track, by States: 1917 to 1937

Note.—Figures given in this table cover all tracks, each track of a double or multiple line being counted separately.

Class of trackage and state	1917	1922	1927	1932	1937
Elevated, total	497	602	634	638	709
New York	297	363	373	380	406
Illinois	147	164	179	179	230
Pennsylvania	17	33	32	32	36
Massachusetts	26	30	36	40	29
New Jersey	4	4	4	4	4
Missouri	3	3	------	------	------
Washington	------	3	8	------	2
Maryland	1	1	1	1	------
California	1	1	1	1	1
Kansas	1	------	------	------	------
Minnesota	------	------	------	1	------
Indiana	------	------	------	------	1

Class of trackage and state	1917	1922	1927	1932	1937
Subways and tunnels, total	219	326	342	510	729
New York [1]	163	269	282	357	563
Massachusetts	25	27	29	31	45
New Jersey [1]	13	13	13	13	11
Pennsylvania	9	8	9	38	43
California	5	5	6	8	8
Illinois	2	2	2	61	58
All other States [2]	2	2	1	2	1

[1] Figures for New Jersey include 11 miles owned and operated by a New York company.
[2] Connecticut, Minnesota, Missouri, Rhode Island, West Virginia, and Wisconsin, 1917; Rhode Island, Minnesota, and Missouri, 1922; Minnesota, Missouri, Rhode Island, and Washington, 1927; Minnesota, Missouri, Montana, Rhode Island, and Washington, 1932; Rhode Island, 1937.

Source of tables 533 and 534: Department of Commerce, Bureau of the Census; Census of Electrical Industries, report on Street Railways and Trolley-Bus and Motorbus Operations.

No. 535.—Electric Railways—Financial Summary for Elevated and Subway Lines: 1912 to 1937

Note.—All figures in thousands of dollars. Data exclude the mixed elevated, subway, and surface systems of Boston and Philadelphia which are included in the surface group.

Account	1912	1917	1922	1927	1932	1937
Income from all sources	55,246	70,213	108,483	132,135	121,612	85,908
Operating revenues	52,239	68,537	105,862	129,020	119,120	85,908
Operating expenses	23,613	31,669	67,660	78,202	78,723	57,536
Net operating revenue	28,626	36,868	38,202	50,817	40,397	28,372
Taxes of operating companies	3,501	5,136	6,441	8,215	7,253	7,435
Operating income	25,125	31,732	31,761	42,603	33,143	20,937
Miscellaneous income	3,008	1,676	2,621	3,115	2,492	(1)
Gross income	28,133	33,408	34,382	45,718	35,635	21,762
Deductions from gross income	18,902	21,347	34,856	33,907	34,036	26,954
Interest	*9,654*	*10,442*	*19,225*	*23,270*	*26,451*	(2)
Miscellaneous	9,248	10,905	15,631	10,637	7,585	(2)
Net income	9,231	12,061	[3] *474*	11,811	1,599	[3] *5,192*
Dividends	8,530	10,087	----------	6,250	(2)	(2)
Surplus	701	1,974	[3] *474*	5,561	(2)	(2)

[1] None reported. [2] No data. [3] Deficit.

No. 536.—Trolley-Bus Lines—Summary: 1932 and 1937

Note.—Figures for 1937 cover all trolley-bus companies operating during that period; those for 1932 represent trolley-bus operations of electric street railway companies.

	1932 [1]	1937
Number of companies [1]	16	36
Miles of route (round trip)	244	1,447
Miles of street or highway served (one way)	118	685
Number of trolley busses operated	*247*	*1,655*
Passengers, total number (thousands)	34,350	303,055
Revenue, including pay-transfer	29,721	251,403
Free, including free-transfer	4,629	51,652
Revenue trolley-bus miles (thousands)	8,703	49,450
Revenue passengers per revenue mile (average number)	3.4	5.1
Wage earners, number [2]	334	3,193
Wages (thousands of dollars)	551	4,799
Salaried employees, number (average of number reported on June 30 and Dec. 31)	(3)	587
Salaries (thousands of dollars)	(3)	1,031
Accidents:		
Fatalities, number	(3)	28
Injured, number	(3)	4,296
Operating revenues, total	(3)	14,851
Transportation revenues	(3)	14,758
Other revenues	(3)	93
Operating expenses, total	(3)	11,108
Way and structures and equipment	(3)	3,411
Power	(3)	1,522
Conducting transportation	(3)	4,467
General and other	(3)	1,708
Net operating revenues (trolley-bus)	(3)	3,743
Auxiliary operations: [4]		
Revenues	(3)	20,841
Expenses	(3)	15,176
Net operating revenue	(3)	5,665
Taxes assignable to trolley-bus operations	(3)	932
Operating income	(3)	8,477
Nonoperating income	(3)	58
Gross income	(3)	8,535
Net income	(3)	5,854

[1] See headnote. [2] Number on pay roll as of June 30 for 1932; average of number on pay roll as of June 30 and Dec. 31 for 1937. See also headnote.
[3] No separate data; included with data for street-railway operations.
[4] Auxiliary operations consist essentially of sale of electric energy and gas. On basis of relative volume of expenses and revenues, trolley-bus transportation activities were secondary.

Source of tables 535 and 536: Department of Commerce, Bureau of the Census; Census of Electrical Industries, report on Street Railways and Trolley-Bus and Motorbus Operations.

No. 537.—MOTORBUS LINES—SUMMARY FOR LINES OPERATED BY ELECTRIC RAILWAYS AND BY SUBSIDIARY AND SUCCESSOR COMPANIES: 1927, 1932, AND 1937

	1927	1932	1937				
			Total	Operated by—			
				Electric railway companies	Subsidiary companies	Successor companies	All other [1]
Number of companies	301	498	988	143	48	282	515
Number of routes operated	1,583	3,613	4,668	1,756	368	1,388	1,156
Miles of route (round trip)	29,267	77,897	95,537	24,557	10,156	23,576	37,248
Miles of street or highway served (one way)	14,299	36,652	45,095	11,243	4,819	11,269	17,764
Number of busses, total	8,277	15,064	28,056	12,910	2,638	6,763	5,745
Owned	7,818	14,076	26,956	12,254	2,567	6,501	5,634
Leased	459	988	1,100	656	71	262	111
Single-deck	7,745	14,486	27,041	12,752	2,423	6,705	5,161
Double-deck	532	578	1,015	158	215	58	584
Number of motor busses required for normal day:							
Base schedule:							
Summer	(2)	(2)	13,295	4,959	1,078	3,783	3,475
Winter	(2)	(2)	13,670	5,186	1,079	3,906	3,499
Peak schedule:							
Summer	(2)	(2)	21,316	9,415	1,888	5,370	4,643
Winter	(2)	(2)	22,866	10,481	2,007	5,703	4,675
Number of passengers carried (thousands)	875,402	1,302,318	3,363,229	1,614,617	273,529	891,390	583,693
Revenue passengers	771,806	1,135,500	2,889,054	1,306,718	240,527	795,686	546,124
Pay-transfer passengers	12,453	12,102	57,992	11,238	12,700	25,713	8,342
Free-transfer passengers	85,235	143,729	392,178	283,305	18,262	63,650	26,960
Free passengers (estimated)	5,907	10,928	24,005	13,356	2,040	6,341	2,267
Number of bus-miles (thousands)	272,518	499,025	967,435	424,549	91,038	244,373	207,475
Revenue miles	270,483	494,922	958,769	420,087	90,165	243,059	205,458
Nonrevenue miles	2,035	4,103	8,666	4,462	872	1,314	2,017
Number of bus-hours (thousands)	24,927	43,308	87,442	39,408	7,671	22,624	17,739
Revenue hours	24,571	42,760	86,251	38,817	7,445	22,497	17,492
Nonrevenue hours	356	548	1,191	591	226	126	248
Number killed or died from injuries	108	95	174	85	11	46	32
Number injured but not killed	10,082	11,820	41,015	21,222	3,925	9,326	6,542
INCOME STATISTICS (thousands of dollars)							
Operating revenues	68,121	99,884	219,521	94,599	22,587	55,066	47,270
Transportation revenues	67,253	98,329	217,573	93,801	22,149	54,719	46,904
Miscellaneous	868	1,555	1,947	797	437	347	365
Operating expenses	65,771	94,618	182,301	78,547	20,079	44,044	39,632
Maintenance of plant and equipment	23,717	30,134	51,796	21,580	6,202	12,887	11,127
Operation	36,056	54,637	101,530	45,570	11,429	23,519	21,012
General expense including traffic promotion	5,998	9,847	28,975	11,397	2,448	7,638	7,493
Net operating revenue, motorbus lines	2,349	5,266	37,220	16,052	2,507	11,022	7,638
Net revenue from auxiliary operations	[3] *231*	4	6,311	(4)	--------	6,267	44
Total net revenues, motorbus and auxiliary	2,119	5,270	43,531	16,052	2,507	17,290	7,682
Taxes	2,880	6,024	20,142	7,650	1,946	5,698	4,849
Operating income, motorbus and auxiliary	[3] *761*	[3] *755*	23,389	8,402	562	11,592	2,833
Nonoperating income	295	545	1,763	120	46	1,039	558
Gross income	[3] *466*	[3] *209*	25,152	8,522	608	12,631	3,391
Deductions from gross income	1,707	2,676	10,865	2,452	874	6,386	1,153
Net income	[3] *2,173*	[3] *2,885*	14,287	6,070	[3] *267*	6,245	2,238
Number of employees	16,633	30,514	58,416	26,735	5,357	14,589	11,735
Salaried employees	2,333	3,896	7,951	3,831	611	1,893	1,616
Wage earners	14,300	26,618	50,465	22,904	4,746	12,696	10,119
Salaries and wages (thousands of dollars)	27,564	43,512	92,679	43,435	8,693	21,894	18,658
Salaries	3,340	6,439	15,354	6,800	1,126	3,722	3,706
Wages	24,224	37,072	77,325	36,635	7,566	18,172	14,951

[1] Includes data for affiliates of trolley-bus systems and for motorbus systems not affiliated with, subsidiary to, or successors to street-railway systems in cities with population of 100,000 inhabitants or over.
[2] No data.
[3] Deficit.
[4] Included in consolidated balance sheets of reports for operating street railways. See table 531.

Source: Department of Commerce, Bureau of the Census; Census of Electrical Industries, report on Street Railways and Trolley-Bus and Motorbus Operations.

No. 538.—Motorbus Lines—Mileage and Passenger Traffic, by States: 1932 and 1937

Division and State	Miles of route (round trip)		Miles of street or highway served (one way)		Revenue passengers carried[1] (number in thousands)		Revenue motorbus miles (thousands)	
	1932	1937	1932	1937	1932	1937	1932	1937
United States	77,897	95,537	36,652	45,095	1,147,662	2,947,046	494,922	958,769
New England	9,399	16,527	4,206	6,796	162,134	349,350	58,350	113,584
Maine	287	478	147	239	277	1,124	546	906
New Hampshire and Vermont[2]	[3] 3,118	719	[3] 1,389	364	[3] 25,007	3,523	[3] 9,731	2,305
Massachusetts	4,494	10,494	2,085	4,065	107,520	232,881	35,877	68,262
Rhode Island	(4)	2,008	(4)	994	(4)	24,049	(4)	10,884
Connecticut	1,500	2,828	585	1,134	29,331	87,774	12,196	31,228
Middle Atlantic	23,215	29,721	10,530	14,550	545,543	1,354,262	176,254	338,858
New York	5,551	10,103	2,706	4,919	190,175	799,129	52,262	153,987
New Jersey	5,813	8,648	1,942	4,286	280,242	389,655	78,382	111,629
Pennsylvania	11,851	10,970	5,882	5,345	75,127	165,477	45,611	73,241
East North Central	17,059	21,447	8,075	10,370	191,555	506,900	107,629	193,984
Ohio	4,615	8,260	2,239	4,089	74,266	141,529	35,294	52,771
Indiana	2,211	3,174	1,061	1,575	17,113	37,040	13,556	21,458
Illinois	3,412	4,052	1,720	1,912	23,643	150,709	15,979	49,222
Michigan	3,457	3,667	1,560	1,719	48,980	116,486	30,909	52,798
Wisconsin	3,364	2,294	1,495	1,075	27,554	61,137	11,891	17,736
West North Central	9,609	3,080	4,823	1,524	44,014	126,250	29,720	55,881
Minnesota	1,049	420	542	196	7,085	11,552	5,605	6,315
Iowa	5,766	883	2,876	439	8,472	19,079	7,312	9,143
Missouri	1,855	975	933	489	16,123	71,269	8,318	29,566
North Dakota, South Dakota, and Nebraska[2]	197	311	100	154	5,449	8,696	3,622	4,440
Kansas	742	491	372	246	6,885	15,653	4,863	6,416
South Atlantic	6,093	10,094	2,657	4,665	75,891	210,552	38,947	84,831
Delaware and District of Columbia[2]	356	1,431	208	429	10,270	50,719	5,969	15,143
Maryland	2,271	2,034	798	1,030	12,095	22,049	6,510	10,607
Virginia	556	1,543	243	638	36,438	56,201	12,856	21,649
West Virginia	173	589	93	306	1,443	13,151	1,049	5,217
North Carolina	2,031	2,297	942	1,149	5,182	20,337	5,097	10,320
South Carolina	92	288	46	137	2,071	8,458	1,368	3,288
Georgia	350	956	183	479	5,030	16,907	3,555	6,685
Florida	264	956	144	497	3,363	22,730	2,543	11,922
East South Central	5,078	1,678	2,564	832	11,877	68,414	11,969	21,688
Kentucky	177	529	88	255	4,878	16,535	2,586	5,324
Tennessee	336	750	193	379	3,336	26,851	2,324	9,380
Alabama	46	205	25	102	836	16,387	710	4,188
Mississippi	4,519	194	2,258	96	2,826	8,641	6,349	2,795
West South Central	2,989	3,074	1,538	1,506	43,846	140,043	29,259	62,396
Arkansas	216	104	112	53	9,605	5,219	4,221	2,433
Louisiana		276		142		25,061		7,603
Oklahoma	766	556	382	275	8,498	23,723	7,003	8,435
Texas	2,007	2,138	1,044	1,036	25,743	86,041	18,035	43,925
Mountain	1,330	2,146	675	1,085	9,395	27,843	6,335	12,194
Montana	74	882	40	441	1,901	2,531	842	1,316
Idaho, Wyoming, and New Mexico[2]	[5] 67	113	[5] 34	71	1,298	3,075	878	1,525
Colorado	827	332	411	171	3,901	4,833	3,135	3,278
Arizona	362	196	190	98	2,297	4,347	1,481	1,783
Utah and Nevada[2]		623		304		13,057		4,292
Pacific	3,125	7,770	1,584	3,767	63,405	163,433	36,458	75,355
Washington	1,474	1,767	776	881	10,181	34,531	10,468	19,853
Oregon	245	1,631	121	811	8,827	13,195	4,591	8,265
California	1,406	4,372	687	2,075	44,398	115,706	21,400	47,236

[1] Including pay transfers.
[2] Combined to avoid disclosing individual operations.
[3] Includes data for Rhode Island.
[4] Included with New Hampshire and Vermont.
[5] None reported for New Mexico.

Source: Department of Commerce, Bureau of the Census; Census of Electrical Industries, report on Street Railways and Trolley-Bus and Motorbus Operations.

No. 539.—Motorbus Lines—Summary for Public Carriers and Private Carriers: 1935 to 1940

Note.—Figures for 1937, 1938, and 1939 have been revised in keeping with actual operating revenues. Figures for earlier years have not been so revised.

	1935	1936	1937	1938	1939	1940
PUBLIC CARRIER (REVENUE) OPERATIONS						
Number of operating companies (Dec. 31)	4,700	4,780	4,155	4,007	3,762	3,478
Owned by:						
Motor carriers [1]	4,432	4,529	3,913	3,765	3,536	3,263
Electric railways	206	188	177	177	168	163
Steam railroads	62	63	65	65	58	52
City (including "city and suburban")	800	815	730	746	736	750
Intercity	3,570	3,600	3,000	2,848	2,598	2,308
Sightseeing and charter hire	330	365	425	413	428	420
Number of busses (Dec. 31)	45,000	49,000	51,500	51,500	51,550	54,000
Owned by:						
Motor carriers [1]	30,650	34,400	36,000	31,700	31,850	32,975
Electric railways	12,600	12,850	13,700	18,000	18,000	19,250
Steam railroads	1,750	1,750	1,800	1,800	1,700	1,775
City (including "city and suburban")	19,250	22,000	24,500	29,200	30,335	33,550
Intercity	23,750	24,750	24,750	20,000	18,614	18,000
Sightseeing and charter hire	2,000	2,250	2,250	2,300	2,601	2,450
Miles of highway covered (Dec. 31)	[2] 395,774	395,800	393,350	379,819	358,686	343,300
On lines owned by:						
Motor carriers	[1] 335,000	[1] 338,000	[1] 334,680	319,319	300,588	283,500
Electric railways	15,520	13,800	14,170	15,500	16,168	17,650
Steam railroads	45,254	44,000	44,500	45,000	41,930	42,150
City (including "city and suburban")	24,000	24,750	22,300	24,819	28,154	28,300
Intercity	346,774	345,050	345,050	355,000	330,532	315,000
Sightseeing and charter hire	25,000	26,000	26,000	(3)	(3)	(3)
Revenue bus-miles (millions)	1,813	2,042	1,888	1,986	1,856	1,955
City (including "city and suburban")	691	750	811	983	980	1,050
Intercity	1,085	1,250	1,027	991	853	884
Sightseeing and charter hire	38	42	50	13	22	21
Revenue passengers (millions)	2,501	3,076	3,203	3,558	3,690	3,987
City (including "city and suburban")	2,084	2,571	2,737	3,185	3,373	3,633
Intercity	415	500	552	374	313	350
Sightseeing and charter hire	2	5	3	(3)	4	4
Operating revenue (thousands of dollars)	393,046	466,708	384,860	402,454	412,239	436,196
City (including "city and suburban")	145,596	183,708	186,340	216,224	235,276	255,649
Intercity	239,950	275,000	190,100	177,400	167,963	172,047
Sightseeing and charter hire	7,500	8,000	8,420	8,830	9,000	8,500
Investment in plant and equipment (Dec. 31) (thousands of dollars)	407,817	446,280	459,030	494,660	498,445	513,546
Number of employees (Dec. 31)	106,831	115,680	112,239	116,523	120,000	125,000
Total taxes and fees (thousands of dollars) [4]	40,375	43,601	38,937	43,702	41,854	44,219
Special taxes and fees [5]	35,625	38,476	34,367	(3)	(3)	(3)
General taxes [6]	4,750	5,126	4,570	(3)	(3)	(3)
PRIVATE CARRIER (NONREVENUE) OPERATIONS						
Number of operating agencies (Dec. 31)	28,740	32,450	35,150	36,850	43,000	44,750
School	28,240	31,950	34,650	36,350	42,500	44,250
Others	500	500	500	500	500	500
Number of busses operated (Dec. 31)	72,850	74,900	79,100	81,100	86,700	88,300
School	71,850	73,900	78,100	80,100	85,700	87,300
Others	1,000	1,000	1,000	1,000	1,000	1,000
Miles of highway covered (Dec. 31)	[2] 929,000	994,000	1,024,000	1,229,000	1,284,000	1,274,000
School	925,000	990,000	1,020,000	1,225,000	1,280,000	1,270,000
Others	4,000	4,000	4,000	4,000	4,000	4,000
Passengers carried (millions)	594	640	656	690	759	804
School	584	630	646	680	749	794
Others	10	10	10	10	10	10

[1] Common carriers and sightseeing carriers.
[2] Miles of route operated (one way). Includes slight duplication resulting from use of same highway by more than one route. [3] Not available. [4] Does not include income and excess-profit taxes.
[5] All taxes paid as users of the highway and as operators of motor vehicles; includes excise taxes levied under Revenue Acts of 1932 and 1934. [6] All taxes paid as citizens and businesses in general.

Source: McGraw-Hill Publishing Co., Inc., New York, N. Y.; Bus Transportation, Annual Review and Statistical Number.

No. 540.—Civil Aeronautics—Summary: 1932 to 1940

ITEM	1932	1934	1936	1938	1939	1940
SCHEDULED AIR-CARRIER OPERATIONS						
Services in operation Dec. 31 [1]	136	98	110	139	170	211
Miles of all airways in operation Dec. 31	48,530	50,801	61,532	71,199	80,109	94,079
Domestic [2]	28,550	28,084	28,874	35,492	36,581	41,054
International and territorial [2]	19,980	22 717	32,658	35,707	43,528	53,025
Airplanes in service and reserve Dec. 31	564	518	380	345	339	440
Domestic [2]	456	417	272	253	265	358
International and territorial [2 3]	108	101	108	92	74	82
Total personnel employed Dec. 31 [1 4]	5,610	6,477	9,995	13,309	15,923	22,056
Pilots and copilots employed	717	759	1,241	1,425	1,708	2,278
Airplane-miles flown, all operators (thousands)	51,172	49,065	71,212	78,197	90,976	119 517
Domestic [2]	45,606	40,955	63,777	69,669	82,572	108,800
International [2 5]	5,566	8,109	7,435	8,528	8,405	10,717
Airplane-miles flown daily, average [1]	139,814	134,424	194,568	214,239	249,249	[6] 326,550
Passengers carried	547,560	572,265	1,120,765	1,488,113	2,045,021	3,185,278
Domestic [2]	474,279	461,743	1,020,931	1,343,427	1,876,051	2,959,480
International and territorial [2 5]	73,281	110,522	108,834	144,686	168,970	225,798
Average passenger-mile rate (domestic)	$0.061	$0.059	$0.057	$0.057	$0.051	$0.0506
Express and freight carried (thousands of pounds)	1,673	3,482	7,832	8,606	10,912	14,188
Domestic [2]	1,034	2,133	6,959	7,336	9,514	12,506
International and territorial [2 5]	639	1,349	873	1,270	1,398	1,682
Miles of mail airways Dec. 31 [1]	45,436	46,003	51,740	63,292	74,338	90,369
Airplane-miles flown with mail [1] (thousands)	36,053	[7] 27,340	44,028	54,660	61,112	73,087
Mail carried by contractors (thousands of pounds)	7,909	7,618	18,034	([8])	([8])	([8])
Domestic [2 9]	7,393	7,411	17,706	([8])	([8])	([8])
International [2]	515	207	328	485	675	1,045
Accidents: [1]						
Number of accidents	115	73	70	44	39	53
Miles flown per accident	441,973	672,120	1,017,310	1,777,210	2,332,720	[6] 2,255,042
Total fatalities	45	38	67	61	26	45
Fatalities per 1,000,000 miles flown	0.88	0.77	0.94	0.78	0.29	0.38
MISCELLANEOUS [10]						
Airplane-miles flown, private flying operations, domestic (thousands)	78,179	75,602	93,320	129,359	177,868	264,000
Miles airways lighted by Civil Aeronautics Administration	19,500	19,081	22,245	23,723	27,074	30,480
Miles of airway lighting under construction by Civil Aeronautics Administration	----------	3,048	----------	1,849	2,192	496
Beacons, revolving and flashing (federally operated)	1,988	1,520	1,918	1,967	2,089	2,261
Beacons, privately owned and certified	228	310	410	530	650	720
Radio broadcast stations	61	71	80	91	92	111
Radio range beacon stations	68	112	146	225	244	281
Radio marker beacons	74	84	57	48	48	42
Weather reporting airway and airport stations [11]	234	206	213	314	298	376
Weather Bureau first-order stations	216	185	182	182	185	146
Commercial airports	621	570	451	433	456	496
Municipal airports	549	702	738	791	643	788
Intermediate landing fields—Civil Aeronautics Administration—						
Lighted	337	250	284	265	266	289
Unlighted	15	9	12	2	----------	----------
Auxiliary airports—marked	476	580	622	628	665	507
Army, Navy, Marine Corps, National Guard, Reserve, private, and miscellaneous airports	119	186	235	255	250	251
Pilots licensed (active), airplane	18,594	13,949	15,952	22,983	31,264	63,113
Airplanes licensed (active)	7,330	6,339	7,424	10,000	12,829	17,351

[1] Domestic, international, and territorial; see note 2.
[2] Domestic air carriers operate within the continental limits of the United States; international and territorial operations cover activities of American air carriers in foreign countries and territories of the United States. [3] Beginning with 1938, excludes data for companies cited in note 5.
[4] Includes operation and office personnel, and beginning with 1936, stewards and stewardesses.
[5] Beginning with 1936, excludes operations of the following affiliated companies of Pan American Airways System: Cia Mexicana de Aviacion, S. A., Cia Nacional Cubana de Aviacion, and Panair do Brasil, for which operations are included in prior years. [6] Estimated.
[7] Includes 1,719,019 airplane-miles flown by Army Air Corps. [8] Data not available.
[9] The mail pound-miles flown by Inter Island Airways, Ltd., are included with the domestic mail pound-miles as this company holds a domestic air-mail contract. All other operations statistics for this carrier are included with the figures for international and territorial operations.
[10] All data, except airplane-miles flown, are as of Dec. 31. [11] Long line teletypewriter equipped.

Source: Department of Commerce, Civil Aeronautics Administration; figures published in July 1, 1941, issue of Civil Aeronautics Journal, a semimonthly publication.

21. WATERWAYS, WATER TRAFFIC, AND SHIPPING

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

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

No. 541.—Water-Borne Commerce of the United States—Cargo Tonnage, Foreign and Domestic: 1934 to 1939

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

	1934	1935	1936	1937	1938	1939
Foreign commerce, total	77,898	81,640	90,247	114,413	105,182	112,667
Imports, through seaports	30,553	33,943	37,507	43,764	33,886	37,854
Exports, through seaports	33,570	33,922	37,154	52,910	55,476	57,711
Imports, Great Lakes ports	4,287	4,716	5,423	4,102	5,110	4,941
Exports, Great Lakes ports	9,488	9,059	10,163	13,637	10,710	12,161
Domestic commerce, unadjusted total	403,027	461,632	559,614	630,620	532,008	657,058
Coastwise, between ports	113,240	115,442	132,367	149,417	138,478	150,983
Great Lakes, between ports	71,795	83,748	115,398	135,399	72,913	113,309
Local traffic of seaports and Great Lakes ports [1]	64,744	80,474	91,443	94,672	81,615	94,809
Traffic between seaports and river points	31,179	31,829	40,919	51,682	50,634	54,915
Traffic on rivers, canals, and connecting channels [2]	122,069	150,139	179,487	199,450	188,368	243,042
Foreign and domestic, unadjusted total	480,925	543,271	649,861	745,033	637,190	769,726
Deduction of duplications:						
Traffic between seaports and river points	31,179	31,829	40,919	51,682	50,634	54,915
Other duplications (canals, etc.) [3]	35,438	58,111	83,100	110,251	119,656	145,410
Net total, foreign and domestic	414,308	453,331	525,842	583,100	466,900	569,400
Approximate net total, domestic [4]	336,410	371,692	435,595	468,687	361,718	456,733

[1] Comprises the following with figures for 1939: Harbor traffic of New York, Philadelphia, and San Francisco, 45,054,000; local traffic of other seaports, 38,774,000; local traffic of lake ports, 10,981,000.

[2] Excluding St. Marys Falls Canal traffic (69,860,000 tons in 1939) and additional Detroit River traffic (16,528,000 tons in 1939), data for which are already included in figures for Great Lakes traffic; also excluding duplications relating to rivers and canals themselves.

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

[4] Estimated from figures in this table on assumption that all deductions represent duplications in domestic traffic. There are, however, some minor duplications in figures for foreign traffic.

Source: War Department, United States Army, Office of Chief of Engineers; Annual Report, Part II.

No. 542.—Commerce of Principal United States Ocean Ports: 1939

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

PORT	Imports	Exports	COASTWISE	
			Receipts	Shipments
Grand total	37,854	57,711	145,996	155,784
Atlantic ports	29,909	16,507	101,702	40,901
Searsport, Maine	8	15	406	16
Portland, Maine	268	78	2,293	483
Portsmouth, N. H	72	------	334	12
Boston, Mass	2,170	429	12,825	1,118
Beverly, Mass	7	------	439	38
Salem, Mass	(1)	------	474	------
Lynn, Mass	45	------	282	------
New Bedford and Fairhaven, Mass	(1)	(1)	699	34
Fall River, Mass	1	------	1,037	226
Providence, R. I	143	79	4,614	560
New London, Conn	9	------	436	107
New Haven, Conn	37	------	3,177	709
Bridgeport, Conn	7	18	1,649	233
Stamford, Conn	------	------	549	42
New York Harbor, N. Y	13,558	7,872	34,819	7,216
Albany, N. Y	233	424	1,670	76
Hempstead, N. Y	------	------	443	1,963
Northport Bay, N. Y	------	------	28	1,241
Philadelphia, Pa.[2]	4,533	1,620	17,193	4,377
Wilmington, Del	199	3	252	43
Baltimore, Md	5,338	1,796	5,603	2,031
Hampton Roads, Va	1,035	2,601	2,994	17,166
Wilmington, N. C	177	67	1,432	5
Charleston Harbor, S. C.[3]	446	244	1,205	210
Savannah, Ga	449	414	1,734	735
Jacksonville, Fla	341	192	1,533	657
Hollywood Harbor, Fla	74	104	388	38
Miami, Fla	63	69	643	134
San Juan, P. R	248	20	580	224
Ponce Harbor, P. R	53	2	143	146
St. Thomas, V. I	227	278	83	2
Gulf ports	4,605	25,100	11,487	79,148
Charlotte, Fla	------	160	6	371
Tampa, Fla	90	954	1,311	1,231
St. Andrews Bay, Fla	45	49	381	106
Pensacola, Fla	161	187	128	29
Mobile, Ala	611	887	959	759
New Orleans, La	2,166	2,738	2,323	3,221
Baton Rouge, La	283	916	140	3,809
Gulf ports—Con.				
Terrebonne Bay, La	------	------	------	943
Lake Charles, La	39	637	25	2,541
Beaumont, Tex	30	1,616	1,351	15,365
Port Arthur, Tex	2	3,429	1,123	14,115
Sabine, Tex	------	1	------	423
Galveston, Tex	151	1,437	345	1,760
Texas City, Tex	79	1,308	1,204	7,265
Houston, Tex	832	6,709	1,487	15,396
Port Aransas, Tex	------	135	------	6,291
Corpus Christi, Tex	24	3,670	387	5,046
Brazos Island Harbor, Tex	6	30	153	350
			7	
Pacific ports	3,340	16,105	32,804	35,735
San Diego, Calif	59	13	558	11
Los Angeles, Calif	602	6,739	5,060	7,592
Ventura Harbor, Calif	------	------	10	1,747
El Segundo, Calif	------	615	715	1,746
Long Beach, Calif	178	614	755	1,520
San Luis Obispo, Calif	------	482	30	1,961
Estero Bay, Calif	------	619	------	4,413
San Francisco Bay, Calif	812	3,876	12,856	5,644
Monterey, Calif	------	66	310	214
Coos Bay, Oreg	------	98	33	465
Portland, Oreg	105	982	3,306	1,259
Vancouver, Wash	2	228	25	90
Longview, Wash	------	126	64	346
Hammersley Inlet, Wash	4	------	179	394
Grays Harbor and Bar Entrance, Wash	------	130	245	238
Port Gamble, Wash	------	25	22	494
Olympia, Wash	2	44	347	512
Tacoma, Wash	364	390	777	784
Seattle, Wash	291	549	2,952	1,200
Everett, Wash	84	60	600	469
Bellingham, Wash	151	47	152	231
Port Angeles, Wash	348	35	115	244
Port Townsend, Wash	109	------	452	81
Honolulu, Hawaii	66	24	1,702	870
Kahului, Hawaii	3	12	215	218
Hilo, Hawaii	11	11	215	297

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

Source: War Department, U. S. Army, Office of Chief of Engineers; Annual Report, Part II.

No. 543.—Commerce of Principal Great Lakes Ports: 1936 to 1939

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

PORT	RECEIPTS				SHIPMENTS			
	1936	1937	1938	1939	1936	1937	1938	1939
Total	120,507	139,207	77,375	118,003	125,579	149,329	84,271	125,903
Agate Bay, Minn	86	206	46	128	6,212	10,913	4,250	9,602
Alpena, Mich	233	251	183	271	2,536	2,705	1,937	2,482
Ashland, Wis	546	678	542	480	5,178	6,329	2,529	5,925
Ashtabula, Ohio	5,034	7,377	3,279	5,605	4,501	4,986	2,082	4,017
Buffalo, N. Y	13,478	15,394	9,677	14,669	3,160	2,796	1,881	2,317

No. 543.—Commerce of Principal Great Lakes Ports: 1936 to 1939—Con.

Port	Receipts				Shipments			
	1936	1937	1938	1939	1936	1937	1938	1939
Buffington, Ind	484	536	184	575	53	39	29	59
Calcite, Mich	96	93	50	93	5,492	7,308	3,269	5,980
Chicago, Ill.[1]	11,741	14,539	6,288	9,997	1,077	1,436	3,377	1,803
Cleveland, Ohio	13,202	14,596	5,104	11,591	2,630	2,691	1,785	2,305
Conneaut, Ohio	7,586	10,791	3,221	7,084	2,563	3,444	1,783	2,402
Detroit, Mich	12,086	13,192	10,604	14,358	1,290	1,273	897	1,274
Duluth-Superior	11,774	11,227	7,965	8,090	32,763	45,912	15,074	29,937
Erie, Pa	2,313	3,620	1,242	3,158	2,829	2,702	2,384	1,780
Escanaba, Mich	298	309	169	242	2,654	3,491	1,195	2,809
Fairport, Ohio	1,984	3,213	1,201	1,842	789	998	746	943
Frankfort, Mich	640	704	518	622	485	473	388	427
Gary, Ind	8,423	8,128	3,008	6,473	23	72	40	151
Grand Haven, Mich	68	105	85	82	188	307	455	577
Great Sodus Bay, N. Y	------	------	------	------	318	478	506	638
Green Bay, Wis	1,894	2,240	1,952	2,054	12	3	25	18
Huron, Ohio	806	1,097	368	845	409	498	562	525
Indiana Harbor, Ind	4,553	5,715	3,064	6,520	2,320	2,025	2,689	3,220
Kewaunee, Wis	242	234	183	221	270	294	254	297
Lorain, Ohio	3,569	5,110	2,570	4,819	1,451	1,552	858	1,331
Ludington, Mich	818	801	705	774	1,039	911	779	868
Manistee, Mich	188	191	168	182	603	548	255	451
Manitowoc, Wis	971	846	656	780	507	515	520	539
Marblehead, Ohio	------	------	------	------	466	473	399	498
Marquette, Mich	173	186	------	172	1,055	971	203	723
Menominee, Mich. and Wis	646	676	430	546	133	136	70	90
Milwaukee, Wis	5,631	5,299	4,349	4,950	1,310	1,312	1,492	1,291
Muskegon, Mich	1,107	1,103	1,016	1,027	679	793	483	692
Ogdensburg, N. Y	333	421	382	346	212	173	161	249
Oswego, N. Y	70	77	812	512	239	380	409	412
Port Inland Harbor, Mich	2	2	------	2	2,141	2,427	1,441	2,586
Presque Isle, Mich	------	------	------	------	3,717	4,675	1,283	4,215
Rochester (Charlotte), N. Y	145	92	165	115	389	588	547	653
Rockport, Mich	6	14	------	5	757	735	416	531
Saginaw River, Mich	[2] 1,627	1,999	1,464	1,758	557	471	337	305
Sandusky, Ohio	6	11	469	15	9,679	8,023	7,252	8,735
Sheboygan, Wis	485	486	365	448	------	------	4	9
Toledo, Ohio	3,011	3,181	1,329	2,386	21,669	22,116	18,009	21,045
Tonawanda, N. Y	385	444	213	391	50	43	26	72
All other	3,784	4,024	3,351	3,775	1,174	1,316	1,189	1,122

[1] Includes Chicago Harbor, Chicago River, and Calumet Harbor.
[2] Revised, revision not carried to total.

Source: War Department, United States Army, Office of Chief of Engineers; Annual Report, Part II.

No. 544.—Freight Traffic on New York State Canals—Tonnage Moved: 1837 to 1940

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

Yearly average	All canals	Erie division, freight originating	Yearly average or year	All canals	Erie division, freight originating: Total	Grain	Sand, gravel, stone	Petroleum
1837–1840	1,339,016	771,741	1911–1915	2,448,837	1,626,451	------	------	------
1841–1845	1,613,317	884,522	1916–1920	1,348,365	798,706	------	------	------
1846–1850	2,781,410	1,556,696	1921–1925	1,905,291	1,548,408	630,453	333,250	191,406
1851–1855	3,976,501	2,141,476	1926–1930	2,904,575	2,397,042	933,602	282,649	397,328
1856–1860	3,911,407	1,889,759	1931–1935	4,014,269	3,516,522	923,230	105,677	1,202,495
1861–1865	5,049,341	2,743,929	1936–1940	4,838,271	3,794,843	407,515	146,199	1,865,816
1866–1870	5,987,724	3,018,359	1932	3,643,433	3,186,094	1,039,698	130,674	880,095
1871–1875	5,974,097	3,326,073	1933	4,074,002	3,574,951	705,950	94,182	1,239,632
1876–1880	5,219,888	3,542,020	1934	4,142,728	3,645,125	883,510	35,483	1,513,020
1881–1885	5,210,389	3,495,590	1935	4,489,172	3,898,506	837,520	65,066	1,597,863
1886–1890	5,281,441	3,589,631	1936	5,014,206	4,220,397	615,193	81,581	1,933,585
1891–1895	4,112,061	2,962,528	1937	5,010,464	4,173,700	276,122	224,351	2,057,316
1896–1900	3,544,951	2,446,065	1938	4,709,488	3,349,250	287,728	190,400	1,784,294
1901–1905	3,335,210	2,144,492	1939	4,689,037	3,643,782	491,187	141,943	1,826,656
1906–1910	3,238,129	2,206,595	1940	4,768,160	3,587,086	367,347	83,719	1,727,229

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

No. 545.—Freight and Passenger Traffic on St. Marys Falls Canal (Sault Ste. Marie): 1890 to 1940

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

Season	Freight carried (1,000 short tons of 2,000 pounds): Total	Eastbound	Westbound	By American vessels	By Canadian and other foreign vessels	Total ton-miles (millions)	Freight charges: Amount (1,000 dollars)	Average per ton per mile (mills)	Valuation of freight (millions of dollars)
1890	9,041	6,429	2,612	8,679	362	7,207	9,472	1.30	102
1895	15,063	12,030	3,033	14,497	566	12,503	14,239	1.14	160
1900	25,643	20,532	5,111	24,896	747	21,179	24,953	1.18	207
1905	44,271	36,779	7,492	42,061	2,210	36,893	31,421	.85	417
1910	62,363	47,134	15,229	58,569	3,794	52,406	38,711	.74	654
1915	71,290	56,369	14,921	66,877	4,413	59,317	41,984	.71	882
1920	79,282	63,464	15,818	74,866	4,416	64,702	85,742	1.33	1,120
1925	81,875	67,305	14,570	75,764	6,111	65,577	71,093	1.08	1,118
1926	85,679	69,530	16,149	78,006	7,673	69,360	78,517	1.13	1,064
1927	83,354	64,393	18,961	76,091	7,264	67,387	69,331	1.03	1,132
1928	86,993	70,166	16,827	78,072	8,921	70,259	81,281	1.16	1,183
1929	92,622	74,840	17,782	85,839	6,783	74,881	80,268	1.07	1,000
1930	72,898	57,067	15,831	67,560	5,338	59,058	61,159	1.04	761
1931	44,614	32,687	11,927	38,554	6,060	36,342	37,030	1.02	522
1932	20,481	11,822	8,659	14,274	6,207	17,091	16,063	.94	355
1933	40,308	30,544	9,764	33,967	6,340	33,139	33,807	1.02	534
1934	42,248	30,455	11,793	36,218	6,030	34,412	35,153	1.02	620
1935	48,203	37,192	11,101	41,532	6,761	39,141	41,783	1.07	688
1936	69,529	54,843	14,686	61,185	8,344	56,322	58,963	1.05	800
1937	87,634	72,131	15,503	85,817	1,817	71,150	76,135	1.07	926
1938	40,043	29,053	10,990	37,775	2,268	32,922	36,314	1.10	582
1939	69,850	58,483	11,367	60,045	9,805	56,539	66,054	1.17	830
1940	89,858	77,062	12,796	79,557	10,301	72,207	74,531	1.03	912

	1915	1920	1925	1930	1935	1939	1940
Passengers carried ... number	50,336	68,451	56,956	45,303	32,937	40,501	53,129
Freight, eastbound ... 1,000 tons[1]	56,369	63,464	67,305	57,067	37,192	58,483	77,062
Flour ... 1,000 bbls	8,437	7,478	9,289	8,532	6,841	7,487	6,906
Wheat ... 1,000 bu	255,482	143,456	292,818	243,927	179,603	250,522	224,182
Other grain ... do	64,755	51,630	149,927	55,434	43,107	86,586	62,631
Lumber ... 1,000 ft. b. m	[2] 456,451	[2] 192,854	[2] 186,486	[2] 150,986	40,044	15,817	23,868
Pulpwood ... 1,000 cords					114	272	341
Iron ore ... 1,000 tons[1]	45,212	56,643	53,821	46,990	29,278	46,783	66,178
All other ... do.[1]	506	176	222	351	639	935	834
Freight, westbound ... 1,000 tons[1]	14,921	15,818	14,570	15,831	11,101	11,367	12,796
Coal ... do.[1]	13,357	14,156	12,874	14,059	9,162	9,036	10,270
All other ... do.[1]	1,564	1,662	1,696	1,772	1,939	2,331	2,526

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

No. 546.—Freight Traffic on Ohio River—Tonnage, Ton-Mileage, and Value: 1927 to 1939

Note.—No data included for ferry traffic. Passengers carried in 1939, other than on ferries, numbered 1,533,758. Leaders indicate no data available.

Year	Short tons	Ton-miles	Value	Year	Short tons	Ton-miles	Value
	Thousands	*Thousands*	*1,000 dollars*		*Thousands*	*Thousands*	*1,000 dollars*
1927	20,129	1,214,491	168,423	1938—Total	20,587	2,578,325	278,394
1928	20,938	1,344,687	191,519	Up	3,395	----------	52,250
1929	21,955	1,512,585	192,308	Down	4,358	----------	62,253
1930	22,337	1,473,927	188,245	Inbound	10,267	----------	65,262
1931	18,071	1,486,445	166,987	Outbound	2,568	----------	98,630
1932	14,317	1,392,229	153,757				
1933	16,751	1,708,422	199,235	1939—Total	25,955	3,360,454	----------
1934	18,636	1,783,925	224,444	Up	3,789	----------	----------
1935	20,977	2,253,829	286,402	Down	6,125	----------	----------
1936	24,384	2,652,870	279,377	Inbound	12,214	----------	----------
1937	23,357	2,671,926	276,701	Outbound	3,827	----------	----------

Source of tables 545 and 546: War Department, United States Army, Office of Chief of Engineers; Annual Report, Part II.

No. 547.—Commerce on Principal Rivers, Canals, and Connecting Channels of the United States: 1934 to 1939

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

River	1934	1935	1936	1937	1938	1939
Grand total, rivers, canals, and connecting channels	215,146	248,561	302,511	342,344	305,314	363,128
Grand total, rivers	102,866	125,878	151,751	155,528	147,760	172,100
Atlantic Coast rivers [1]	20,137	23,605	28,844	30,789	30,091	33,935
Connecticut River (below Hartford, Conn.)	983	951	1,074	1,233	1,069	1,238
Hudson River, N. Y. (mouth of Spuyten Duyvil Creek to Waterford, N. Y.)	5,696	8,524	10,457	11,091	11,382	12,534
Delaware River, Philadelphia to Trenton, N. J.	2,817	2,787	3,642	3,696	3,136	3,985
Potomac River (below Washington, D. C.)	1,938	2,161	2,208	2,450	2,171	2,660
James River, Va.	1,873	1,771	2,094	2,242	2,357	2,820
Gulf Coast rivers [1]	6,001	8,158	12,393	10,465	10,780	12,265
Mobile River, Ala., tributaries	976	1,014	1,272	1,664	1,273	1,777
Black Warrior, Warrior, and Tombigbee Rivers, Ala.	1,067	1,131	1,432	1,826	1,852	1,928
Bayou Teche, La.	139	260	749	1,455	913	983
Lake Pontchartrain, La.	710	650	863	1,100	1,218	1,832
Mermentau River, Bayou Nezpique, and Bayou des Cannes, La.	141	1,022	840	777	1,146	1,232
Pacific Coast rivers [1]	13,183	16,052	18,328	21,219	25,676	29,253
San Joaquin River, Calif.	1,046	1,053	1,244	976	991	1,039
Columbia and Lower Willamette Rivers, below Vancouver, Wash., and Portland, Oreg.	[2] 10,498	[2] 12,083	[2] 11,340	[2] 13,501	14,037	14,803
Columbia River from Vancouver, Wash., to The Dalles, Oreg.	782	861	867	[2] 984	[2] 1,214	1,710
Willamette River, above Portland, and Yamhill River, Oreg.	1,144	2,008	2,205	2,504	1,588	2,248
Snohomish River, Wash.	1,224	1,150	1,683	1,970	1,245	1,483
Mississippi River and tributaries [1]	63,191	77,757	91,716	92,571	80,951	96,349
Mississippi River, Minneapolis, Minn., to the Passes (mouth of river) [3]	19,197	25,038	27,625	28,308	28,852	29,506
Illinois Waterway, Ill.	[4] 479	[2] 1,695	[2] 2,171	[2] 3,691	4,446	5,501
Missouri River, Fort Benton, Mont., to mouth	1,680	1,841	1,346	1,075	1,456	1,762
Allegheny River, Pa.	3,028	3,375	3,480	3,437	2,411	2,954
Monongahela River, Pa. and W. Va.	[2] 14,397	[2] 18,068	[2] 24,737	[2] 25,030	15,328	21,871
Kanawha River, W. Va.	1,786	2,205	2,441	3,176	3,333	4,049
Ohio River, Pittsburgh to mouth [5]	18,636	20,977	24,384	23,357	20,587	25,955
Tennessee River, Knoxville to Paducah	1,495	1,809	2,166	1,377	1,064	1,115
Interior rivers and other waterways	354	306	470	483	262	299
Grand total, canals and connecting channels	112,280	122,683	150,760	186,816	157,554	191,028
Federal canals and connecting channels [1]	105,701	116,714	143,954	179,435	150,511	183,401
Cape Cod Canal, Mass.	2,792	2,627	2,801	3,539	3,524	4,982
Coney Island Channel, N. Y.	1,233	1,125	1,787	1,278	1,457	1,891
Inland waterway from Delaware River to Chesapeake Bay, Del. and Md.	1,039	1,061	1,300	1,437	2,234	3,035
Inland waterway from Norfolk, Va., to Beaufort Inlet, N. C.	581	583	642	823	957	936
Intracoastal Waterway, St. Marks River, Fla., to Corpus Christi, Tex.	(6)	(6)	(6)	5,754	6,590	8,168
Lake Charles Deep Water Channel, La.	2,457	4,411	5,563	6,823	6,683	7,635
Sabine-Neches Waterway, Tex.	[2] 29,325	[2] 32,713	[2] 36,555	[2] 41,253	38,147	40,097
Channel from Aransas Pass to Corpus Christi, Tex.	[2] 4,845	[2] 5,350	[2] 8,449	[2] 14,101	14,552	15,706
Grays Reef Passage, Mich.	----------	----------	----------	5,576	6,809	5,847
St. Marys Falls Canal, Mich. [7]	42,248	48,203	69,520	87,034	40,043	69,850
Detroit River, Mich. [8]	30,469	27,486	27,249	26,203	21,784	16,528
Multnomah Channel, Oreg.	----------	988	1,149	1,093	1,439	1,496
Lake Washington Ship Canal, Wash.	1,466	1,706	1,695	1,731	1,596	2,048
State and private canals [1]	6,579	5,969	6,807	7,381	7,043	7,627
New York State Barge Canal system [9]	4,143	4,489	5,014	5,010	4,709	4,689
Navigation Canal, Inner Harbor, La.	[2] 1,530	[2] 1,327	[2] 1,590	1,823	1,867	2,414

[1] Totals include data for rivers or canals and connecting channels not shown separately.
[2] Revised, revision not carried to totals.
[3] Figures for 1934 represent gross traffic from Minneapolis, Minn., to New Orleans, La. They include some duplication resulting from the overlapping of traffic carried over each of the several stretches of the river. Figures for 1935 to 1939 represent net traffic from Minneapolis to mouth of river, excluding duplication. Net traffic from Minneapolis to New Orleans in 1934 was 16,038,000 tons.
[4] Traffic on Illinois River only.
[5] See also table 546. [6] Not available. [7] See also table 545.
[8] Actual traffic through Detroit River amounted to 91,643,000 tons in 1939, of which 16,528,000 tons represented traffic of ports on the Detroit River. The remainder was through traffic including that of St. Marys Falls Canal. [9] See also table 544.

Source: War Department, United States Army, Office of Chief of Engineers; Annual Report, Part II.

No. 548.—United States Merchant Marine—Summary: 1789 to 1940

Note.—For definition of "gross ton" see general note, p. 493. All data after 1840 up to and including 1939 are as of June 30.

June 30 (except as indicated)	Number			Thousands of gross tons			Tonnage (thousands of gross tons) employed in—			
	Total	Steam and motor	All other[1]	Total	Steam and motor	All other[1]	Foreign trade	Coastwise and internal trade	Whale fisheries	Cod fisheries
1789 (Dec. 31)	--------	--------	--------	202	--------	202	124	69	--------	9
1800 (Dec. 31)	--------	--------	--------	972	--------	972	667	272	3	29
1810 (Dec. 31)	--------	--------	--------	1,425	--------	1,425	981	405	4	35
1820 (Dec. 31)[2]	--------	--------	--------	1,280	--------	1,280	684	588	36	72
1830 (Dec. 31)[2]	--------	--------	--------	1,192	64	1,127	538	517	40	98
1840 (Sept. 30)	--------	--------	--------	2,181	202	1,978	763	1,177	137	104
1850	--------	--------	--------	3,535	526	3,010	1,440	1,798	146	152
1860	--------	--------	--------	5,354	868	4,486	2,379	2,645	167	163
1870	28,998	3,524	25,474	4,247	1,075	3,171	1,449	2,638	68	91
1880	24,712	4,717	19,995	4,068	1,212	2,856	1,314	2,638	38	78
1890	23,467	6,965	17,502	4,424	1,859	2,565	928	3,409	19	68
1900	23,333	7,053	16,280	5,165	2,658	2,507	817	4,287	10	52
1910	25,740	12,452	13,288	7,508	4,900	2,608	783	6,669	9	47
1915	26,701	16,948	10,753	8,389	5,944	2,446	1,863	6,486	9	32
1920	28,183	18,814	9,369	16,324	13,823	2,501	9,925	6,358	4	38
1925	26,367	18,637	7,730	17,406	14,976	2,430	8,151	9,216	4	35
1930	25,214	18,211	7,003	16,068	13,757	2,311	6,296	9,723	7	42
1931	25,471	18,236	7,235	15,908	13,528	2,380	5,576	10,286	7	40
1932	25,156	18,224	6,932	15,839	13,568	2,271	5,071	10,728	2	38
1933	24,868	18,182	6,686	15,060	12,862	2,198	4,701	10,313	9	37
1934	24,904	18,335	6,569	14,862	12,687	2,175	4,598	10,220	9	35
1935	24,919	18,495	6,424	14,654	12,535	2,118	4,560	10,049	9	35
1936	25,392	18,706	6,686	14,497	12,267	2,230	4,159	10,300	9	28
1937	26,588	19,201	7,387	14,676	12,170	2,506	3,834	10,800	20	23
1938	27,155	19,349	7,806	14,651	12,007	2,644	3,551	11,064	21	16
1939	27,470	19,606	7,864	14,632	11,952	2,680	3,312	11,288	21	11
1940 (Dec. 31)	27,075	19,382	7,693	13,722	11,046	2,674	3,047	10,654	14	6

Classes	Number					Thousands of gross tons				
	1920	1930	1938	1939	1940[3]	1920	1930	1938	1939	1940[3]
By utilization:										
Registered—										
Foreign trade	5,932	4,175	1,575	1,499	1,361	9,925	6,296	3,551	3,312	3,047
Whale fisheries	26	14	13	14	10	4	7	21	21	14
Enrolled—										
Coastwise and internal trade	12,181	12,497	14,807	14,896	14,523	6,233	9,608	10,909	11,128	10,493
Cod fisheries	196	261	89	69	45	32	36	14	10	6
Licensed—										
Coastwise and internal trade	9,463	8,004	10,587	10,939	11,108	124	115	155	160	160
Cod fisheries	385	263	84	53	28	6	6	2	1	1
By location:										
Atlantic and Gulf[4]	16,850	14,321	16,621	16,816	16,627	9,739	9,904	10,183	10,197	9,812
Pacific[5]	6,512	6,466	6,688	6,868	6,727	3,326	3,227	2,483	2,471	1,964
Northern lakes	3,091	2,450	2,148	2,108	2,023	3,139	2,768	1,739	1,712	1,641
Western rivers	1,730	1,977	1,698	1,678	1,698	120	178	246	252	304
By power:										
Sail	4,030	1,584	697	629	517	1,272	757	261	221	182
Steam	8,103	6,087	4,522	4,299	3,796	13,466	12,775	10,835	10,760	9,813
Motor	10,711	12,124	14,827	15,307	15,586	357	982	1,172	1,192	1,233
Canal boats	448	226	78	49	38	52	29	11	8	6
Barges	4,891	5,193	7,031	7,186	7,138	1,177	1,525	2,372	2,451	2,487
By material:										
Wood	23,781	20,211	21,801	21,943	21,473	3,876	2,554	2,521	2,473	2,329
Metal	4,402	5,003	5,354	5,527	5,602	12,448	13,514	12,130	12,159	11,392

[1] Sailing vessels, canal boats, and barges.
[2] 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.
[3] Dec. 31.
[4] Including Puerto Rico and Virgin Islands.
[5] Including Hawaii and Alaska.

Source: Department of Commerce, Bureau of Marine Inspection and Navigation; annual report, Merchant Marine Statistics.

No. 549.—U. S. Merchant Marine—Number and Gross Tonnage of Vessels on January 1, 1941, by Year of Build

Year of build	Number	Gross tons	Year of build	Number	Gross tons
Dec. 31:			Dec. 31:		
Unknown	1,060	210,293	1898	164	76,307
1849	1	21	1899	197	84,788
1851	1	14	1900	242	114,693
1852	1	14	1901	310	122,777
1853	2	61	1902	286	170,432
1855	1	51	1903	313	168,655
1857	4	1,121	1904	302	120,463
1858	1	154	1905	362	236,878
1859	1	24	1906	397	327,450
1862	2	120	1907	446	379,976
1863	3	1,855	1908	401	250,657
1864	3	963	1909	386	201,884
1865	5	127	1910	426	247,178
1866	9	1,262	1911	510	179,120
1867	7	298	1912	604	194,844
1868	10	1,883	1913	648	310,908
1869	10	508	1914	562	180,391
1870	9	4,265	1915	511	142,339
1871	18	1,535	1916	551	315,437
1872	12	852	1917	821	466,286
1873	17	2,061	1918	773	834,740
1874	14	1,102	1919	952	1,548,907
1875	16	1,681	1920	899	1,549,393
1876	15	695	1921	538	1,069,219
1877	13	3,921	1922	460	184,768
1878	25	5,745	1923	571	214,596
1879	18	6,330	1924	696	201,984
1880	20	6,352	1925	746	167,573
1881	56	7,757	1926	807	198,848
1882	59	5,220	1927	921	287,860
1883	62	5,299	1928	873	214,051
1884	63	8,514	1929	904	190,154
1885	51	9,212	1930	849	274,675
1886	67	6,192	1931	555	191,793
1887	52	8,940	1932	386	175,381
1888	68	12,106	1933	348	79,268
1889	56	13,667	1934	406	48,481
1890	77	21,121	1935	566	63,229
1891	110	29,452	1936	767	144,224
1892	101	28,710	1937	816	230,742
1893	109	34,311	1938	778	241,155
1894	66	14,174	1939	737	269,509
1895	67	16,404	1940	705	446,894
1896	111	68,213			
1897	110	51,108	Total	27,075	13,721,614

No. 550.—U. S. Merchant Marine—Number and Gross Tonnage of Vessels on January 1, 1941, by Tonnage Groupings

Tonnage groupings	Total		Steam vessels		Motor vessels		Sailing vessels		Unrigged vessels	
	Number	Thousands of gross tons	Number	Thousands of gross tons	Number	Thousands of gross tons	Number	Thousands of gross tons	Number	Thousands of gross tons
Total	27,075	13,722	3,796	9,814	15,586	1,233	517	181	7,176	2,493
5 to 49 tons	14,706	259	247	8	13,183	222	329	5	947	24
50 to 99 tons	2,137	154	455	36	1,336	93	45	3	301	22
100 to 499 tons	6,580	1,824	1,093	255	820	158	35	9	4,632	1,402
500 to 999 tons	1,467	967	237	166	87	58	47	36	1,096	707
1,000 to 2,499 tons	592	965	284	498	83	126	51	89	174	252
2,500 to 4,999 tons	527	2,010	486	1,867	8	34	10	39	23	70
5,000 to 9,999 tons	1,008	6,769	944	6,300	61	453			3	16
10,000 to 19,999 tons	50	591	42	502	8	89				
20,000 tons and over	8	182	8	182						

Source of tables 549 and 550: Department of Commerce, Bureau of Marine Inspection and Navigation; annual report, Merchant Marine Statistics.

No. 551.—Merchant Vessels Launched in the World and in the United States: 1910 to 1939

Note.—Vessels of 100 gross tons and over. For definition of "gross ton" see general note, p. 493. Vessels under construction in the world (excluding Russia) June 30, 1939, numbered 719, of 2,859,292 gross tons; in the United States, 67, of 391,824 gross tons.

Calendar year	World				United States	
	Total		Steam and motor			
	Number	Gross tons	Number	Gross tons	Number	Gross tons
1910–1914, average	1,533	2,739,079	1,180	2,631,779	162	252,864
1915–1920, average [1]	1,488	4,046,860	1,296	3,918,746	518	1,877,382
1921–1925, average	942	2,581,653	830	2,531,592	99	315,114
1926–1930, average	873	2,468,515	808	2,427,920	74	158,788
1931–1935, average	484	1,020,444	461	1,010,567	25	83,485
1926	600	1,674,977	525	1,630,134	78	150,613
1927	802	2,285,679	734	2,239,522	66	179,218
1928	869	2,699,239	809	2,660,321	63	91,357
1929	1,012	2,793,210	981	2,774,191	63	126,063
1930	1,084	2,889,472	991	2,835,476	100	246,687
1931	596	1,617,115	569	1,603,551	57	205,805
1932	307	726,501	295	724,287	18	143,559
1933	330	489,016	311	479,559	14	10,771
1934	536	967,419	514	954,777	21	24,625
1935	649	1,302,080	617	1,290,660	14	32,607
1936	999	2,117,924	946	2,080,222	69	111,885
1937	1,101	2,690,580	1,011	2,642,748	123	239,445
1938	1,119	3,033,593	1,029	2,975,942	105	201,251
1939 (first 6 months) [2]	496	1,239,157	402	1,187,781	95	166,598

[1] Figures covering the war period are for allied and neutral countries.
[2] Latest figures available; none will be compiled until after the war period.

Source: Lloyd's, London; Lloyd's Register of Shipping, Annual Summary of Mercantile Shipbuilding of the World; 1939 and figures in headnote from Lloyd's Register Shipbuilding Returns.

No. 552.—Merchant Marine of the World and of the United States

Note.—Vessels of 100 tons and over. Prior to 1919 tonnage figures are gross for steamers and net for sailing vessels, thereafter gross for both. Wooden vessels on the Great Lakes and vessels on the Caspian Sea are *not included*. *Japanese sailing* vessels and most sailing vessels belonging to Greece, Turkey, and southern Russia are not included. Figures for Philippine Islands are included with United States beginning with 1910. See general note, p. 493. 1939 figures latest until after war period.

Year	World total	United States	Year	World total	United States	Year	World total	United States
	1,000 tons	*1,000 tons*		*1,000 tons*	*1,000 tons*		*1,000 tons*	*1,000 tons*
1895	25,086	2,165	1920	57,314	16,049	1935	64,886	12,852
1900	28,957	2,750	1925	64,641	15,377	1936	65,064	12,557
1905	35,998	3,996	1930	69,608	14,046	1937	66,286	12,429
1910	41,915	5,059	1933	67,920	13,358	1938	67,847	12,050
1915	49,262	5,893	1934	65,577	13,045	1939	69,440	12,003

	Number					Thousands of tons (see headnote)					
	1910	1920	1930	1938	1939	1910	1914	1920	1930	1938	1939
World total	30,058	31,595	32,713	30,990	31,186	41,915	49,090	57,314	69,608	67,847	69,440
Steam and motor	22,008	26,513	29,996	29,409	29,763	37,291	45,404	53,905	68,024	66,870	68,509
Steel and iron	*20,403*	*23,382*	*27,595*	*27,212*	*27,507*	*36,789*	*44,934*	*51,661*	*67,304*	*66,371*	*68,007*
Wood and composite	1,605	3,131	2,401	2,197	2,256	521	470	2,244	720	499	503
Sailing	8,050	5,082	2,717	1,581	1,423	4,624	3,686	3,409	1,584	976	930
Steel and iron	2,115	1,314	742	794	743	2,508	2,095	1,524	654	584	572
Wood and composite	5,935	3,768	1,975	787	680	2,116	1,590	1,885	930	393	358
United States	3,469	5,457	4,223	3,391	3,375	5,059	5,368	16,049	14,046	12,050	12,003
Steam and motor	1,712	4,110	3,517	2,955	2,958	3,827	4,330	14,574	13,202	11,515	11,490
Steel and iron	1,270	3,242	3,001	2,578	2,560	3,602	4,120	13,341	12,914	11,369	11,342
Wood and composite	442	868	516	377	398	226	210	1,234	288	146	148
Sailing	1,757	1,347	706	436	417	1,232	1,038	1,475	844	535	513
Steel and iron	139	154	147	190	187	245	236	304	288	278	272
Wood and composite	1,618	1,193	559	246	230	987	803	1,171	556	256	241

Source: Lloyd's, London, Lloyd's Register of Shipping, Volume II.

No. 553.—Commercial Traffic Through the Panama Canal, Total, 1915 to 1940, and by Nationality of Vessel, 1940

Note.—See general note, p. 493. Figures cover ocean-going commercial traffic which includes only tolls paying vessels of 300 net tons and over, Panama Canal measurement, and vessels paying tolls on displacement tons of 500 displacement tons and over. Foreign naval vessels such as colliers, transports, supply ships, etc., with a measurement of 300 net tons or more and foreign naval vessels such as battleships, cruisers, destroyers, submarines, etc., with a displacement of 500 tons or more, are classified as ocean-going commercial vessels.

Year ended June 30	Number of transits	Net tonnage (thousands) [1]	Tolls (thousands of dollars)	Tons of cargo (thousands)	Nationality of vessels (year ended June 30, 1940)	Number of transits	Net tonnage (thousands) [1]	Tolls (thousands of dollars)	Tons of cargo (thousands)
1915 [2]	1,058	3,507	4,367	4,888	Argentine	1		4	
1916 [3]	724	2,212	2,403	3,093	British	1,073	5,773	5,023	5,182
1917	1,738	5,357	5,621	7,055	Chilean	38	172	164	122
1918	1,989	6,072	6,429	7,526	Colombian	19	9	7	9
1919	1,948	5,658	6,164	6,910	Danish	174	628	558	696
1920	2,393	7,898	8,508	9,372	Egyptian	7	28	23	29
1921	2,791	10,550	11,269	11,596	Finnish	3	9	8	13
1922	2,665	10,556	11,192	10,883	French	93	378	336	341
1923	3,908	17,206	17,504	19,566	German	55	218	196	229
1924	5,158	24,181	24,285	26,993	Greek	175	786	670	995
1925	4,592	21,134	21,394	23,957	Honduran	81	127	109	71
1926	5,087	22,906	22,920	26,030	Hungarian	1	4	4	7
1927	5,293	24,245	24,212	27,734	Italian	46	319	286	172
1928	6,253	27,229	26,922	29,616	Japanese	272	1,600	1,433	1,864
1929	6,289	27,585	27,111	30,648	Latvian	7	22	20	43
1930	6,027	27,716	27,060	30,018	Mexican	4	1	3	2
1931	5,370	25,690	24,625	25,065	Netherland	340	627	552	618
1932	4,362	21,842	20,695	19,799	Nicaraguan	7	3	2	4
1933	4,162	21,094	19,601	18,161	Norwegian	557	2,537	2,177	2,906
1934	5,234	26,410	24,047	24,704	Panamanian	243	464	393	514
1935	5,180	25,720	23,307	25,310	Peruvian	6	10	9	9
1936	5,382	25,923	23,479	26,506	Philippine	14	68	61	90
1937	5,387	25,430	23,102	28,108	Rumanian	4	15	12	19
1938	5,524	25,950	23,170	27,386	Soviet	9	14	15	18
1939	5,903	27,170	23,661	27,867	Spanish	6	24	19	22
1940	5,370	24,144	21,145	27,299	Swedish	110	504	432	701
					United States	1,997	9,689	8,559	12,385
Total	109,787	493,386	474,192	526,090	Uruguayan	1	1	1	
					Yugoslavian	27	114	97	148

[1] Panama Canal net tonnage prior to 1939 are estimated figures based on revised measurement rules which became effective Mar. 1, 1938.
[2] Canal opened to traffic Aug. 15, 1914.
[3] Canal closed to traffic approximately 7 months of fiscal year by slides.

No. 554.—Commercial Traffic Through the Panama Canal—Summary, Fiscal Years Ended June 30: 1934 to 1940

Note.—See general note, p. 493.

	1934	1935	1936	1937	1938	1939	1940
Number of transits	5,234	5,180	5,382	5,387	5,524	5,903	5,370
Measurement tonnage registered:							
Gross (thousands)	34,348	33,013	33,130	32,575	32,918	34,583	31,086
Net (thousands)	20,524	19,609	19,644	19,303	19,622	20,745	18,643
Panama Canal, net (thousands) [1]	26,410	25,720	25,923	25,430	25,950	27,170	24,144
United States equivalent (thousands)	20,333	19,429	19,481	19,237	(2)	(2)	(2)
Tons of cargo, total (thousands)	24,704	25,310	26,506	28,108	27,386	27,867	27,299
Atlantic to Pacific	6,163	7,530	8,250	9,896	9,689	9,011	9,820
Pacific to Atlantic	18,541	17,780	18,256	18,213	17,697	18,855	17,479

[1] As estimated or measured under rules which became effective Mar. 1, 1938.
[2] Not available. Application of United States rules of measurement of vessels abolished.

Source of tables 553 and 554: The Panama Canal, Annual Report of the Governor.

No. 555.—Panama Canal—Revenues, Expenses, and Computed Surplus: 1914 to 1940

[In thousands of dollars]

Year ended June 30	Tolls	Civil revenues[1]	Business profits[2]	Total revenue	Net appropriation expenses[3]	Net revenues	Capital interest, 3 percent[4]	Computed surplus
1914 to 1926, total	141,858	2,615	5,073	149,546	89,080	60,466	90,467	[5] *30,001*
1927	24,217	392	877	25,485	9,548	15,938	15,069	869
1928	26,944	233	737	27,913	9,501	18,412	15,035	3,377
1929	27,124	243	738	28,105	10,187	17,918	15,013	2,904
1930	27,077	349	761	28,187	9,894	18,293	14,988	3,306
1931	24,645	346	563	25,553	10,693	14,860	14,987	[5] *127*
1932	20,707	327	557	21,591	10,239	11,352	14,944	[5] *3,592*
1933	*19,621*	310	*1,136*	21,067	9,556	11,511	14,908	[5] *3,397*
1934	24,065	97	1,367	25,528	7,931	17,597	15,039	2,558
1935	23,339	82	1,021	24,442	9,481	14,961	15,124	[5] *163*
1936	23,507	120	920	24,547	9,675	14,872	15,160	[5] *288*
1937	23,147	99	917	24,164	10,290	13,874	15,205	[5] *1,331*
1938	23,215	90	825	24,130	9,576	14,555	15,230	[5] *675*
1939	23,699	107	681	24,488	10,145	14,342	15,250	[5] *908*
1940	21,177	118	1,034	22,330	10,042	12,288	15,243	[5] *2,956*
Total	474,342	5,528	17,206	497,076	225,839	271,238	301,662	[5] *30,424*

[1] Taxes, fees, fines, etc.
[2] Principally from operation of shops and docks.
[3] After deduction of canal earnings repaid to appropriations.
[4] No interest charge against the Canal is actually made by the Treasury. In order to present the net results of the operation of the Canal, the interest on capital invested is computed at a rate considered reasonable for Government borrowings over an indefinite period. Computed interest prior to July 12, 1920, is included in capital investment account.
[5] Deficit.

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

No. 556.—Marine Wrecks and Casualties Occurring to Vessels of the United States, 1921 to 1940, and by Regions, 1937 to 1940

Note.—This table covers disasters and casualties resulting in damage or loss amounting to $300 or more. Figures exclude data for some casualties to U. S. vessels reported after closing of records for respective years. No data included for casualties to U. S. vessels in Panama Canal Zone. Figures for such casualties in 1940 are as follows: Vessels involved, 1; tonnage, 6,174; property loss, $35,000; persons on board, 49; no loss of life.

Yearly average or year ended June 30—	Number of vessels		Vessel capacity—1,000 tons		Losses—1,000 dollars		Persons on board		Lives lost
	Complete loss	Partial loss	Complete loss	Partial loss	To vessel	To cargo	Passengers	Crews	
Total:									
1921–1925	253	665	113	1,808	18,794	4,374	10,207	19,859	189
1926–1930	273	780	122	2,258	17,648	4,159	11,830	23,372	219
1931–1935	217	546	60	1,815	11,824	1,679	8,134	17,819	164
1936–1940	167	632	41	2,247	11,092	1,389	7,807	20,213	68
1937	182	612	52	2,197	10,351	1,017	7,998	19,255	84
1938	142	665	30	2,554	16,469	1,456	6,403	25,168	76
1939	204	685	46	2,291	9,738	2,642	7,043	19,785	41
1940	131	469	34	1,385	7,867	955	6,880	12,974	55
Atlantic, Gulf, and Pacific coasts:									
1937	123	334	33	969	5,023	532	5,989	9,503	39
1938	95	345	19	1,007	4,589	715	3,725	13,642	65
1939	165	411	34	1,042	6,066	2,227	5,146	9,908	25
1940	93	274	14	571	3,551	365	2,424	5,518	34
Great Lakes:									
1937	20	109	7	500	2,405	98	392	3,476	25
1938	17	94	4	442	2,012	110	167	2,964	4
1939	5	78	(1)	281	872	41	77	1,993	------
1940	4	58	(1)	279	485	(1)	1,633	1,905	5
Rivers of United States:									
1937	32	62	5	174	1,390	94	429	1,608	17
1938	19	67	1	213	727	72	6	1,530	------
1939	22	71	2	237	1,177	97	553	1,892	3
1940	23	41	9	65	1,819	22	54	664	------
At sea and in foreign waters:									
1937	7	107	7	554	1,533	293	1,188	4,668	3
1938	11	159	6	892	9,141	559	2,505	7,032	7
1939	12	125	9	731	1,623	277	1,267	5,992	13
1940	11	96	11	469	2,012	567	2,775	4,887	16

[1] Less than 500.

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

No. 557.—Merchant Vessels Under the Control of the U. S. Maritime Commission: as of Dec. 31, 1940

Note.—For definition of deadweight tons see general note, p. 493.

Type	Total		Active		Laid-up	
	Number of vessels	Deadweight tons	Number of vessels	Deadweight tons	Number of vessels	Deadweight tons
Total fleet	[1] 102	[1] 944,636	44	418,373	58	526,263
Cargo and passenger	6	90,532	4	66,740	2	23,792
Cargo	96	854,104	40	351,633	56	502,471
Documented vessels	92	853,616	44	418,373	48	435,243
Cargo and passenger	6	90,532	[2] 4	66,740	2	23,792
Cargo	86	763,084	[3] 40	351,633	46	411,451
Undocumented vessels	10	91,020			10	91,020
Cargo and passenger						
Cargo	10	91,020			10	91,020

[1] Not including figures for 7 vessels used as training ships and 4 tugs under control of the Maritime Commission.
[2] Includes 1 vessel of 12,560 deadweight tons loaned to the War Department.
[3] Includes 5 vessels of 46,894 deadweight tons loaned to the War Department.

Source: U. S. Maritime Commission, records (not published elsewhere).

No. 558.—Foreign and Intercoastal Commerce—Cargo Tonnage

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

	Total United States ports [1]			Atlantic coast ports			Gulf coast ports		
	1938	1939	1940	1938	1939	1940	1938	1939	1940
Total commerce	[2] 99,356	[2] 105,558	[2] 107,113	41,646	48,579	55,150	27,126	25,210	18,291
Inbound	41,294	47,854	49,102	28,144	32,440	33,292	4,380	4,515	5,592
Outbound	63,910	65,177	64,743	13,502	16,139	21,858	22,746	20,695	12,699
With foreign countries [3]	88,430	92,635	94,282	34,971	40,345	47,434	25,649	23,533	16,638
Imports	32,818	37,548	39,881	23,545	26,630	28,372	3,838	4,026	5,169
Exports	55,612	55,087	54,401	11,426	13,715	19,062	21,811	19,507	11,469
Intercoastal				5,024	6,469	5,857	824	1,004	875
Inbound	5,848	7,473	6,732	3,476	4,523	3,742	319	356	307
Outbound	5,848	7,473	6,732	1,548	1,946	2,115	505	648	568
With noncontiguous territories [4]	5,078	5,450	6,099	1,651	1,765	1,859	653	673	778
Imports	2,628	2,833	2,489	1,123	1,287	1,178	223	133	116
Exports	2,450	2,617	3,610	528	478	681	430	540	662

	Pacific coast ports			Great Lakes ports			Ports in all territories and possessions [5]		
Total commerce	22,599	24,602	22,084	13,833	14,640	18,320			
Inbound	5,565	6,455	6,454	3,205	4,444	3,764			
Outbound	17,034	18,147	15,630	10,628	10,196	14,556			
With foreign countries [3]	13,977	14,117	11,890	13,833	14,640	18,320			
Imports	2,230	2,448	2,576	3,205	4,444	3,764			
Exports	11,747	11,669	9,314	10,628	10,196	14,556			
Intercoastal	5,848	7,473	6,732						
Inbound	2,053	2,594	2,683						
Outbound	3,795	4,879	4,049						
With noncontiguous territories [4]	2,774	3,012	3,462				5,078	5,450	6,099
Imports	1,282	1,413	1,195				2,628	2,832	2,489
Exports	1,492	1,599	2,267				2,450	2,618	3,610

[1] Continental United States. [2] Duplication in intercoastal trade is eliminated.
[3] In showing trade of continental United States ports, Philippine Islands, Virgin Islands, and Canal Zone are included with foreign countries.
[4] Alaska, Hawaii, Puerto Rico, Guam, Samoa. [5] Territories and possessions named in notes 3 and 4.

Source: United States Maritime Commission, records (not published elsewhere).

No. 559.—Water-Borne Imports and Exports—Cargo Tonnage, by Flag of Carrier Vessel, 1921 to 1940, and by Coastal Districts, 1936 to 1940

Note.—In cargo tons of 2,240 pounds. This table and tables 560, 561, and 562 do not include cargoes (small in aggregate) carried by ships of less than 100 tons gross capacity.

	Imports by flags of carrier vessels			Exports by flags of carrier vessels		
	Total	American	Foreign	Total	American	Foreign
Total:						
1921	33,184,790	23,454,831	9,729,959	48,640,044	18,557,464	30,082,580
1922	44,681,775	27,933,796	16,747,979	42,501,981	16,849,249	25,652,732
1923	43,295,682	22,784,086	20,511,596	49,079,970	16,188,570	32,891,400
1924	40,899,123	22,293,008	18,606,115	52,261,295	18,316,583	33,944,712
1925	43,135,154	21,214,626	21,920,528	49,666,499	15,716,692	33,949,807
1926	44,686,235	21,105,153	23,581,082	68,139,521	17,122,082	51,017,439
1927	42,182,967	21,457,968	20,724,999	56,935,465	18,695,246	38,240,219
1928	47,395,432	24,186,971	23,208,461	58,829,394	19,287,784	39,541,610
1929	50,985,224	25,231,728	25,753,496	57,475,357	17,920,748	39,554,609
1930	47,562,416	24,822,560	22,739,856	49,730,870	14,913,598	34,817,272
1931	35,864,286	17,114,174	18,750,112	40,049,246	11,068,284	28,980,962
1932	28,710,280	13,324,302	15,385,978	31,844,566	8,147,086	23,697,480
1933	26,566,067	11,017,462	15,549,505	32,385,550	8,354,909	24,030,641
1934	29,813,903	12,767,083	17,046,820	37,821,061	9,435,147	28,385,914
1935	33,965,678	14,125,363	19,840,315	38,145,865	8,740,017	29,405,848
1936	38,395,748	13,196,753	25,198,995	39,714,046	8,615,976	31,098,070
1937	42,062,821	13,363,422	28,699,399	54,557,725	10,882,780	43,674,945
1938	32,818,162	12,077,522	20,740,640	55,612,107	10,358,773	45,253,334
1939	37,548,452	11,124,084	26,424,368	55,086,843	9,425,952	45,660,891
1940	39,881,161	15,465,891	24,415,270	54,401,306	11,553,124	42,848,182
Percent distribution:						
1921	100.0	70.7	29.3	100.0	38.2	61.8
1939	100.0	29.6	70.4	100.0	17.1	82.9
1940	100.0	38.8	61.2	100.0	21.2	78.8
Dry cargoes:						
1936	28,655,484	7,481,302	21,174,182	26,202,986	6,974,344	19,228,642
1937	31,661,941	8,610,518	23,051,423	35,957,524	9,153,893	26,803,631
1938	23,798,995	7,231,378	16,567,617	33,828,627	7,282,843	26,545,784
1939	27,481,534	7,337,473	20,144,061	34,098,395	7,574,943	26,523,452
1940	26,323,665	9,686,891	16,636,774	41,690,815	9,726,208	31,964,607
Percent distribution:						
1939	100.0	26.7	73.3	100.0	22.2	77.8
1940	100.0	36.8	63.2	100.0	23.3	76.7
Tanker cargoes:						
1936	9,740,264	5,715,451	4,024,813	13,511,060	1,641,632	11,869,428
1937	10,400,880	4,752,904	5,647,976	18,600,201	1,728,887	16,871,314
1938	9,019,167	4,846,144	4,173,023	21,783,480	3,075,930	18,707,550
1939	10,066,918	3,786,611	6,280,307	20,988,448	1,851,009	19,137,439
1940	13,557,496	5,779,000	7,778,496	12,710,491	1,826,916	10,883,575
Percent distribution:						
1939	100.0	37.6	62.4	100.0	8.8	91.2
1940	100.0	42.6	57.4	100.0	14.4	85.6
North Atlantic ports:						
1936	25,418,991	9,244,749	16,174,242	8,708,942	2,536,251	6,172,691
1937	28,448,078	9,425,929	19,022,149	12,612,218	3,684,217	8,928,001
1938	22,127,959	8,559,019	13,568,940	10,551,739	2,809,890	7,741,849
1939	25,188,412	7,845,124	17,343,288	12,781,782	3,264,582	9,517,200
1940	26,694,291	11,194,399	15,499,892	18,338,731	4,506,479	13,832,252
South Atlantic ports:						
1936	1,259,735	420,889	838,846	971,269	299,688	671,581
1937	1,627,644	488,658	1,138,986	1,175,757	342,000	833,757
1938	1,416,361	476,906	939,955	874,428	307,234	567,194
1939	1,441,734	312,906	1,128,828	932,972	293,557	639,415
1940	1,678,013	632,793	1,045,220	723,311	192,499	530,812
Gulf ports:						
1936	3,961,745	1,905,330	2,056,415	12,186,612	2,178,493	10,008,119
1937	5,242,540	2,224,929	3,017,611	17,353,837	3,160,351	14,193,486
1938	3,838,146	1,487,266	2,350,880	21,811,478	3,388,556	18,422,922
1939	4,025,866	1,202,510	2,823,356	19,507,022	2,342,191	17,164,831
1940	5,168,966	2,149,353	3,019,613	11,469,177	1,930,205	9,538,972
Pacific ports:						
1936	2,976,424	794,923	2,181,501	9,384,787	1,902,549	7,482,238
1937	3,077,844	772,986	2,304,858	12,183,776	1,881,968	10,301,808
1938	2,229,979	435,992	1,793,987	11,746,528	1,981,285	9,765,243
1939	2,448,460	470,593	1,977,867	11,669,399	1,693,456	9,975,943
1940	2,576,110	716,155	1,859,955	9,313,487	1,881,701	7,431,786
Great Lakes ports:						
1936	4,778,853	830,862	3,947,991	8,462,436	1,698,995	6,763,441
1937	3,666,715	450,920	3,215,795	11,232,137	1,814,244	9,417,893
1938	3,205,217	1,118,330	2,086,878	10,627,934	1,871,808	8,756,126
1939	4,443,980	1,292,951	3,151,029	10,195,668	1,832,166	8,363,502
1940	3,763,781	773,191	2,990,590	14,556,600	3,042,240	11,514,360

Source: Prior to 1936, Department of Commerce, U. S. Shipping Board Bureau; thereafter, U. S. Maritime Commission; 1940 figures published in Report No. 2610.

No. 560.—Water-Borne Imports and Exports—Cargo Tonnage, by Trade Regions and Countries: 1937, 1938, and 1939

Note.—In cargo tons of 2,240 pounds. See headnote, table 559. Note that a country may be accounted for in part under one trade region and in part under another. Regional totals include data for minor countries not shown. Figures for trade regions for 1940, in some cases regroupings of regions shown in this table, are available in Report No. 2610, U. S. Maritime Commission.

Foreign origin or destination	Imports			Exports		
	1937	1938	1939	1937	1938	1939
Grand total	42,062,821	32,818,162	37,548,452	54,557,725	55,612,107	55,086,843
United Kingdom inc. Irish Free State	963,799	713,309	807,068	5,815,216	6,762,555	6,586,285
England	766,031	524,753	628,506	4,696,796	5,627,761	5,525,071
Ireland inc. Irish Free State	10,710	7,698	8,864	201,423	422,037	343,700
Scotland	134,220	90,572	97,392	519,475	566,424	511,999
Wales	52,838	90,286	72,306	307,522	146,333	205,515
North Atlantic and Baltic Europe	2,154,140	1,644,860	2,237,162	2,032,068	2,580,274	3,020,921
Iceland	1,384	2,401	5,762	----------	197	3,069
Greenland	11,713	11,708	12,480	----------	2	130
U. S. S. R. (Soviet Union)	82,305	23,880	21,532	79,507	116,792	54,533
Finland	320,710	316,857	462,622	103,070	107,150	140,357
Norway	560,274	422,533	748,994	262,664	306,183	494,988
Sweden	996,608	688,824	794,361	744,022	1,028,454	1,468,790
Denmark	52,853	46,817	76,396	339,653	598,157	561,219
Danzig	24,200	36,343	3,063	28,720	19,732	3,860
Poland	80,857	73,548	63,923	419,118	267,674	232,219
Germany	----------	1,490	706	28,196	113,362	50,389
Estonia	7,787	18,595	40,286	8,125	4,459	11,140
Latvia	----------	750	7,028	15,843	18,087	8,762
Lithuania	15,449	1,114	----------	3,150	25	1,465
Bayonne-Hamburg range	[1] 3,127,279	1,912,254	1,587,996	[1] 7,536,880	10,003,685	7,423,259
Germany	1,249,960	664,568	352,363	2,017,157	2,595,214	1,149,357
Netherlands	721,321	408,414	380,098	2,145,560	2,840,625	2,467,402
Belgium	1,009,625	710,511	701,873	1,751,613	1,768,569	1,452,278
France	146,373	128,761	153,662	1,622,550	2,799,277	2,354,222
South Atlantic Europe	661,410	390,535	404,310	961,454	522,673	867,351
France	15,346	(2)	(2)	555,889	(2)	(2)
Portugal	108,507	41,985	76,027	114,622	147,094	186,496
Spain	537,487	348,550	319,134	151,402	343,732	593,012
Canary Islands	1	----------	327	138,166	31,341	84,256
Madeira	----------	----------	----------	1,258	506	2,117
West Mediterranean	463,589	391,363	374,437	2,353,956	2,777,708	2,692,430
Spain	1,498	18,057	16,443	84,805	81,166	140,006
France	71,774	43,685	52,044	543,863	671,087	563,029
Italy	321,707	247,875	240,659	1,640,382	1,964,128	1,937,722
Yugoslavia	21,439	15,642	15,770	5,566	4,555	8,581
Malta	17	86	7	11,950	10,277	11,521
Tunisia	11,937	27,232	10,837	18,490	4,213	4,070
Algeria	33,771	38,786	38,317	48,661	42,282	22,332
East Mediterranean and Black Sea	1,009,739	514,547	663,672	413,555	408,144	429,209
Bulgaria	1,270	1,263	2,546	----------	----------	----------
Rumania	24,393	7,176	10,153	13,933	22,277	15,824
U. S. S. R. (Soviet Union)	748,940	351,898	417,455	17,210	----------	----------
Turkey	75,758	57,831	68,982	112,931	102,725	93,343
Cyprus	34,233	8,419	16,009	----------	----------	3,024
Greece	61,513	47,511	80,526	130,512	108,131	100,320
Egypt	50,972	18,385	40,841	100,993	121,201	139,463
Libya	----------	----------	----------	6,470	15,483	----------
Palestine	938	10,253	11,017	14,593	25,630	57,005
Syria	11,279	11,811	12,813	16,913	12,697	20,228
West Indies	8,721,835	7,471,288	7,719,696	3,524,540	3,549,496	3,236,196
Cuba	4,287,218	2,934,556	3,318,525	1,355,795	1,399,999	1,236,772
Jamaica	29,057	21,612	25,874	154,538	141,662	144,267
Bahama Islands	21,183	10,721	21,867	16,484	15,473	19,253
Haiti	68,730	78,612	52,878	38,620	29,960	46,081
Dominican Republic	204,128	200,769	185,977	49,086	40,999	54,863
Lesser Antilles	4,109,941	4,222,801	4,113,595	1,875,093	1,890,113	1,707,387
Bermudas	1,578	2,217	980	34,924	31,290	26,973
Mexico	1,555,476	891,141	1,251,732	475,814	356,804	326,216
Central America	1,174,735	1,205,531	1,209,808	934,937	925,629	1,220,918
British Honduras	70,403	99,477	62,770	7,866	11,139	13,100
Guatemala	282,624	202,373	325,841	126,531	103,902	137,357
Honduras	265,471	287,944	344,858	58,494	59,745	61,881
Nicaragua	91,639	74,497	67,367	18,170	15,413	29,876
Costa Rica	148,680	125,221	91,535	30,494	41,973	112,020
Panama	106,215	140,697	105,629	7,348	8,908	11,027
Canal Zone	178,101	156,749	185,512	657,999	660,887	831,009
El Salvador	31,602	28,573	26,296	28,035	23,662	24,648

[1] Havre-Hamburg Range. [2] Included in Bayonne-Hamburg Range.

No. 560.—Water-Borne Imports and Exports—Cargo Tonnage, by Trade Regions and Countries: 1937, 1938, and 1939—Continued

Foreign origin or destination	Imports			Exports		
	1937	1938	1939	1937	1938	1939
North Coast South America	4,030,368	3,920,609	4,615,901	390,489	443,323	599,113
Venezuela	3,277,699	3,324,503	3,909,757	249,552	269,673	300,519
British Guiana	82,084	71,243	39,820	6,500	6,797	7,219
Surinam (Netherlands Guiana)	376,181	334,034	378,960	13,041	18,652	26,018
French Guiana	95	----------	----------	1,008	1,767	----------
Colombia	294,309	190,829	287,364	120,388	146,434	175,357
East Coast South America	3,164,337	1,431,093	1,889,540	1,758,205	1,558,369	2,129,646
Brazil	859,870	853,329	1,064,128	810,993	763,029	1,053,933
Uruguay	*53,637*	*39,818*	*58,200*	*138,043*	*54,068*	*61,280*
Argentina	2,250,830	537,946	767,212	809,169	736,272	1,014,433
West Coast South America	2,540,559	2,580,229	2,690,804	880,793	729,252	715,960
Colombia	22,807	20,827	31,221	27,013	21,116	25,280
Chile	2,313,200	2,335,034	2,454,323	590,278	533,757	501,900
Peru	162,370	180,794	163,789	218,627	160,871	147,804
Ecuador	42,182	43,574	41,471	44,875	13,508	40,976
West Africa	650,218	331,601	400,293	195,789	285,244	213,477
Morocco	20,504	16,233	17,321	23,061	148,243	37,457
Senegal	16	1,132	26	14,292	29,107	10,728
French Guinea	1,372	1,114	422	4,593	15,715	2,857
Sierra Leone	7,086	2,786	18,787	4,974	5,645	5,840
Liberia	4,029	3,792	8,116	5,634	6,164	7,673
Ivory Coast	25,262	22,713	36,088	21,022	10,856	8,483
Gold Coast	470,830	238,193	248,806	57,248	28,944	33,197
Togo	2,762	413	874	2,309	1,734	1,525
Dahomey	9,180	2,029	22	4,333	2,616	1,921
Nigeria	79,512	28,902	47,165	31,617	19,031	23,953
Cameroons	3,316	807	1,130	7,958	6,471	5,538
Gabon	28	478	1,922	6,933	3,999	2,723
Belgian Congo	26,259	13,010	13,468	6,413	6,719	15,333
South and East Africa	361,648	267,868	267,675	813,346	522,701	535,640
Union of South Africa	*55,635*	*47,728*	*64,576*	*552,257*	*380,217*	*377,053*
Mozambique	275,133	187,112	161,908	170,561	104,132	123,518
Tanganyika Territory and Kenya	30,880	33,028	41,191	37,516	18,615	18,273
Italian Somaliland	----------	----------	----------	13,892	----------	----------
French Somaliland	----------	----------	----------	23,794	866	347
Madagascar	----------	----------	----------	8,190	10,723	8,656
Mauritius	----------	----------	----------	3,928	5,816	5,554
Reunion	----------	----------	----------	3,208	2,332	2,239
Australia and Antarctic Region	318,248	200,245	157,729	968,309	973,776	764,207
New Zealand	31,306	16,014	25,811	251,328	273,784	197,876
Australia	167,618	127,586	89,773	681,891	668,273	536,246
Fiji Islands	10,601	7,476	1,458	10,009	10,349	10,119
New Caledonia	52,230	28,200	14,934	5,639	3,930	2,177
Society Islands	1,711	3,825	818	4,893	6,946	9,225
Antarctic Region	41,398	17,144	9,464	----------	10,494	----------
East Indies	1,229,095	783,084	994,752	312,790	256,821	496,520
Straits Settlements and Federated Malay States	454,230	311,000	394,174	83,836	93,811	89,455
French Indo-China and Siam	----------	18,345	33,226	18,756	28,704	162,365
Sumatra	250,649	187,059	231,009	34,563	17,504	45,446
Java	490,269	252,034	302,490	162,866	108,356	187,111
Borneo	7,065	7,397	15,347	10,827	5,730	4,856
Celebes	*17,147*	*7,249*	*18,366*	*1,942*	*2,716*	*3,510*
East Asia	2,527,737	1,900,182	1,994,936	10,465,863	8,046,453	10,054,339
China	267,068	110,081	135,245	1,117,764	601,713	1,059,596
U. S. S. R. (Soviet Union)	4,081	2,636	----------	187,105	202,268	262,104
Japan	777,748	347,511	392,241	8,503,741	7,430,255	7,737,050
Philippine Islands	1,477,940	1,439,954	1,467,450	657,253	812,217	995,580
India, Persian Gulf, and Red Sea	1,069,314	790,634	854,190	334,670	244,330	374,729
Eritrea	----------	----------	----------	27,218	----------	----------
Anglo-Egyptian Sudan	6,037	5,824	7,640	1,998	1,771	2,328
Egypt	32,540	706	1,569	1,954	3,672	4,165
Iraq	31,131	26,994	10,281	5,989	4,534	6,652
Arabia	3,615	3,275	3,440	18,273	27,889	40,302
Iran (Persia)	2,841	5,635	----------	5,614	5,679	16,920
India	931,046	698,479	758,565	251,343	193,295	293,441
Ceylon	62,104	49,721	72,695	22,281	7,490	10,918
Canada	6,339,295	5,477,789	7,426,751	14,389,051	13,669,870	13,400,436
Pacific	879,558	816,417	1,013,817	1,111,532	1,021,538	1,070,680
Atlantic and Newfoundland	1,852,807	2,166,809	2,493,866	2,083,408	3,112,166	3,358,473
Great Lakes	3,606,870	2,494,563	3,919,068	11,194,111	9,536,166	8,971,283

Source: U. S. Maritime Commission; 1937, Report No. 275, Water-Borne Foreign Commerce of the U. S.; 1938 and 1939, records (not published elsewhere).

No. 561.—Water-Borne Imports and Exports—Cargo Tonnage, by States and Ports: 1938, 1939, and 1940

Note.—In cargo tons of 2,240 pounds. See headnote, table 559. State totals cover all tonnage, including that of small ports not shown.

State and port	Imports			Exports		
	1938	1939	1940	1938	1939	1940
Grand total	32,818,162	37,548,452	40,282,972	55,612,107	55,086,843	54,853,353
North Atlantic district	22,127,959	25,188,412	27,066,720	10,551,739	12,781,782	18,654,943
Maine, total	414,812	430,257	377,582	74,194	70,984	152,078
Portland	199,924	237,193	177,953	56,878	57,450	146,644
New Hampshire: Portsmouth	72,815	64,288	48,030	7,315	4,248	----------
Massachusetts, total	1,621,749	1,952,916	2,105,098	280,346	381,021	555,967
Boston	1,337,577	1,595,008	1,543,759	285,137	380,584	553,376
Everett	230,883	301,053	466,291	----------	----------	----------
Fall River	7,366	280	59,853	4,023	----------	66
Rhode Island, total	102,679	123,271	277,808	75,465	62,323	29,143
Providence	102,679	121,344	275,114	75,406	62,323	29,143
Connecticut, total	46,757	46,430	217,927	----------	13,723	13,130
New Haven	27,056	32,581	188,329	----------	----------	----------
New London	12,999	8,032	5,029	----------	----------	----------
New York, total [1]	10,913,961	12,538,986	12,466,258	6,418,396	7,446,564	9,719,514
New York [1]	10,723,140	12,250,271	12,368,164	5,969,772	7,104,489	9,433,248
New Jersey, total	172,354	47,285	198,824	62,018	81,252	35,251
Paulsboro	152,577	32,676	190,927	62,018	79,444	35,251
Pennsylvania, total [1]	2,965,318	3,673,603	4,414,261	1,015,574	1,389,362	1,984,637
Chester	62,518	70,071	465,569	146,735	113,251	51,554
Philadelphia [1]	2,902,800	3,603,532	3,948,692	868,839	1,276,111	1,933,083
Delaware: Wilmington	556,625	567,397	590,913	7,805	4,471	5,187
Maryland: Baltimore	4,417,971	4,842,042	5,397,670	1,158,729	1,546,558	3,083,816
Virginia, total	842,918	901,937	972,349	1,442,897	1,781,276	3,076,220
Newport News	127,590	126,465	82,059	436,493	548,707	1,188,912
Norfolk	689,221	738,020	840,212	864,106	1,139,005	1,864,087
South Atlantic district	1,416,861	1,441,734	1,678,753	874,428	932,972	725,153
North Carolina, total	191,500	164,818	128,351	72,248	66,434	48,562
Wilmington	190,561	163,231	111,998	51,802	61,063	48,562
South Carolina, total	437,830	415,888	439,000	189,918	170,348	152,505
Charleston	426,151	401,602	433,650	189,918	169,922	142,468
Georgia, total	437,599	412,551	426,475	265,583	361,236	246,743
Brunswick	5,741	8,505	----------	18,029	29,001	4,915
Savannah	431,858	404,046	426,475	247,554	330,673	241,828
Florida, east coast, total	349,932	448,477	684,927	346,679	334,954	277,343
Fernandina	2,642	4,085	2,759	113,973	92,521	33,415
Jacksonville	243,306	323,565	429,142	152,249	155,423	130,897
Port Everglades	65,813	63,533	128,081	67,344	68,647	91,137
Gulf district	3,838,146	4,025,866	5,177,353	21,811,478	19,607,022	11,483,196
Florida, west coast, total	294,529	283,061	225,393	1,285,253	1,170,568	826,332
Boca Grande	103	----------	----------	193,377	146,942	34,300
Panama City	27,432	37,228	31,976	45,461	45,953	41,633
Pensacola	142,475	144,476	112,712	123,894	124,595	55,134
Tampa	110,833	91,968	77,487	920,828	851,056	684,758
Alabama: Mobile	385,999	560,852	696,229	1,043,069	492,137	443,289
Mississippi	68,096	56,755	47,313	97,813	68,488	13,952
Louisiana, total	2,336,827	2,178,035	2,594,197	4,015,754	3,666,516	3,117,424
Baton Rouge	296,509	268,276	227,410	778,675	727,174	236,950
Lake Charles	21,112	35,382	28,706	370,879	527,894	220,076
New Orleans	2,019,206	1,849,827	2,288,399	2,823,235	2,379,368	2,644,098
Texas, total	752,695	947,163	1,614,221	15,360,589	14,109,313	7,082,199
Beaumont	4,371	5,061	1,775	844,874	1,105,421	431,461
Corpus Christi	9,815	21,773	16,758	2,593,002	2,869,202	1,375,603
Freeport	----------	----------	----------	152,846	126,323	32,118
Galveston	207,183	156,629	216,752	1,771,535	1,205,345	814,067
Houston	437,558	670,652	1,184,360	5,063,137	4,740,674	1,982,653
Port Arthur	52,518	25,840	103,931	3,648,745	2,809,831	1,836,210
Port Neches	----------	----------	----------	51,434	200,294	11,357
Texas City	23,468	52,845	74,709	1,205,857	1,020,690	572,884

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

No. 561.—Water-Borne Imports and Exports—Cargo Tonnage, by States and Ports: 1938, 1939, and 1940—Continued

State and port	Imports			Exports		
	1938	1939	1940	1938	1939	1940
Pacific district	2,229,979	2,448,460	2,596,365	11,746,528	11,669,399	9,432,725
California, total	1,274,691	1,361,595	1,361,961	9,903,614	9,138,056	7,402,113
Eureka				17,693	19,403	13,932
Los Angeles	571,230	676,625	652,776	4,858,133	5,042,915	3,832,865
San Diego	17,375	23,720	19,383	14,877	15,805	10,663
San Francisco (all ports in Bay)	686,049	652,143	689,786	2,999,071	2,839,011	2,291,371
Port San Luis	37	1	16	1,806,597	969,764	1,159,011
Oregon, total	91,073	87,064	100,190	861,940	1,193,181	632,917
Astoria				43,783	71,457	53,560
Coos Bay				98,383	78,114	24,654
Portland	86,771	83,547	92,681	694,161	1,005,876	536,802
Washington, total	864,215	999,801	1,134,214	980,974	1,338,162	1,397,695
Anacortes	3,764	14,775	23,825	3,675	10,532	17,172
Bellingham	23,880	57,619	27,322	27,242	39,298	42,840
Everett	51,386	39,438	55,081	53,111	72,912	64,840
Grays Harbor		810		63,835	99,443	150,520
Longview	1,738			80,551	95,469	108,820
Olympia	44	94	735	19,033	38,037	16,768
Port Angeles	216,407	237,627	293,990	34,102	25,247	18,706
Port Townsend	55,149	70,522	78,428	131	1,220	1,748
Seattle	215,447	224,127	238,529	350,309	478,119	434,811
Tacoma	290,362	351,724	407,394	252,904	338,788	445,612
Willapa Harbor	750	580	554	16,543	49,889	25,285
Great Lakes district	3,205,217	4,443,980	3,763,781	10,627,934	10,195,668	14,557,336
New York, total	926,780	2,477,066	1,874,482	1,632,241	1,914,291	2,679,186
Buffalo	625,773	1,926,494	1,283,476	520,445	610,417	557,085
Ogdensburg	75,330	76,844	130,799		116	2,328
Oswego	117,389	315,795	226,338	282,651	284,795	344,393
Rochester		86,851	102,335	413,768	490,984	840,565
Sodus Point				415,377	527,979	934,815
Tonawanda		2,866	7,805			
Waddington	82,200	20,370	28,200			
Pennsylvania: Erie	192,017	323,907	147,186	556,432	628,354	1,018,360
Ohio, total	605,029	205,786	253,171	5,152,259	5,369,605	7,723,591
Ashtabula				1,299,246	1,059,908	1,605,724
Cleveland	99,302	100,250	130,744	266,468	239,471	272,832
Conneaut	3,552			294,023	282,974	309,145
Fairport			1,802	452,517	488,183	551,924
Lorain	26,536	25,661	23,627	89,547	64,943	142,523
Sandusky	339,087	3,932	10,498	631,662	707,197	926,477
Toledo	76,542	75,943	85,920	1,930,410	2,279,378	3,600,760
Indiana	8,577	2,142	2,342	9,596	7,125	25,618
Illinois: Chicago	244,925	290,400	283,762	1,437,768	685,686	815,371
Michigan, total	627,206	552,474	551,624	382,258	645,209	954,042
Detroit	256,023	305,606	302,232	142,543	177,320	230,025
Escanaba	3,378	14,223	12,000	71,326	159,406	179,454
Marquette				15,141	179,740	206,546
Port Huron	46,299	77,587	57,649	4,779		
South Haven	40,076	28,625	8,330	7	19	
Wisconsin, total	572,522	565,345	622,171	1,124,422	866,473	1,033,753
Ashland	209,120	108,025	188,472	167,854	196,613	211,180
Milwaukee	74,421	84,122	81,938	184,186	66,398	82,518
Superior	9,881	37,709	12,605	699,692	596,871	738,048
Minnesota, total	28,161	26,860	29,043	332,958	78,925	307,475
Duluth	27,319	26,860	29,043	329,955	57,492	224,781

Source: U. S. Maritime Commission; Report No. 298 (Annual), Foreign Commerce of U. S. Ports.

No. 562.—Water-Borne Imports and Exports—Cargo Tonnage, by Major Commodities and by Coastal Districts: 1940

Note.—In thousands of cargo tons of 2,240 pounds. See headnote, table 559. Leaders indicate no data or less than 500 tons. All figures subject to revision.

Commodity	Total	North Atlantic district	South Atlantic district	Gulf district	Pacific district	Great Lakes district
Imports, total	39,881	26,694	1,678	5,169	2,576	3,764
Dry cargoes, total	26,324	15,872	1,100	3,100	2,487	3,764
Live animals	1					
Animal, fish, and dairy products (edible)	168	131	4	7	25	1
Hides and skins	169	164			5	
Oils (animal, fish, and vegetable)	427	365		26	37	
Animal products (inedible)	25	23		1	1	
Grain, linseed, soybean (bulk)	1,858	449	2	11	30	1,365
Grain products (dry)	47	27		1	1	18
Animal feeds and fodder	353	158	4	11	105	75
Fruits and vegetables	1,654	889	137	445	180	3
Copra and coconuts	293	44		38	210	
Coffee and cocoa	1,198	810	17	242	129	
Sugar and molasses	2,617	1,664	143	744	66	
Beverages	171	137		3	27	3
Teas and spices	88	71		2	15	
Seeds and nursery stock	165	127		2	36	
Tapioca and other starches	148	137	1	5	5	
Miscellaneous vegetable products (inedible)	9	9				
Tobacco (unmanufactured)	30	27		2	1	
Rubber (except rubber goods)	828	727		32	69	
Gums and resins (except naval stores)	47	41		3	4	
Naval stores	1	1				
Vegetable dyeing and tanning materials	117	108		6	2	
Cotton (unmanufactured)	103	98		1	5	
Silk	22	9			13	
Wool and hair	166	157			9	
Textiles	85	70		4	12	
Fibers and products	587	369	9	129	74	6
Logs and timber	185	46		38	94	7
Lumber	534	127	2	14	365	26
Cork and products	145	145				
Wood pulp	1,944	595		8	80	1,261
Paper stock	18	14			4	
Paper	930	361	53	105	123	288
Coal and coke	240	197			43	
Petroleum and products	74	64			10	
Asphalt and pitch	8	8				
Clay, chalk, stone, sand, and cement	1,881	1,169	244	24	132	312
Nonmetallic minerals, n. e. s	210	139	5	1	2	64
Ores	6,348	4,866	1	866	372	242
Iron and steel	39	26		4	8	1
Metal scrap	7	4			4	
Metals, n. e. s. (not iron, steel, or precious)	642	616		6	20	
Precious metals and stones	5	3			2	
Machinery (heavy)	11	11				
Vehicles	3	3				
Machines (small) and appliances	1	1				
Glass, porcelain, and earthenware	58	39		1	18	
Rubber goods	3	3				
Manufactured goods	56	34		1	22	
Building materials, n. e. s	12	9	2		1	
Medicines, drugs, and toilet preparations	3	2				
Chemicals	99	56	22	16	5	
Paints and pigments	42	39		1	1	
Phosphate rock	3			3		
Fertilizer, n. e. s	1,093	273	453	283	74	11
Moss and kelp	7	5			2	
Crude drugs and essential oils	45	43			1	
Returned containers	9	5		2	2	
Returned goods	6	2		3		
Explosives and ammunition	1	1			1	
Miscellaneous	281	155	1	5	41	79
Tanker cargoes, total	13,557	10,822	578	2,069	89	
Oils (animal, fish, and vegetable)	94	35		59		
Copra and coconuts	12				12	
Sugar and molasses	1,437	958	3	476		
Petroleum and products	11,726	9,721	537	1,424	44	
Asphalt and pitch	118	95	15	8		
Chemicals	159	8	23	96	32	
Paints and pigments	3			3		
Returned goods	8	5		3		

No. 562.—Water-Borne Imports and Exports—Cargo Tonnage, by Major Commodities and by Coastal Districts: 1940—Continued

COMMODITY	*Total*	North *Atlantic* district	South *Atlantic* district	Gulf district	Pacific district	Great *Lakes* district
Exports, total	54,401	18,339	723	11,469	9,313	14,557
Dry cargoes, total	41,691	17,877	723	6,211	3,670	13,209
Live animals	5	4		1		
Animal, fish, and dairy products (edible)	364	199	16	27	121	1
Hides and skins	14	10			5	
Oils (animal, fish, and vegetable)	71	52	3	5	12	
Animal products (inedible)	3	2				
Grain, linseed, soybean (bulk)	2,915	1,880		143	288	604
Grain products (dry)	897	427	2	222	237	8
Animal feeds and fodder	153	97	8	36	10	2
Fruits and vegetables	344	137	4	42	161	
Copra and coconuts	8	1			7	
Coffee and cocoa	42	36		2	4	
Sugar and molasses	201	163	8	28	3	
Beverages	13	7		2	3	1
Teas and spices	7	4			3	
Seeds and nursery stock	11	7		1	2	1
Tapioca and other starches	1	1				
Miscellaneous vegetable products (inedible)	*5*	*5*				
Tobacco (unmanufactured)	120	106	1	13	1	
Rubber (except rubber goods)	51	30		5	15	
Gums and resins (except naval stores)	3	2	1			
Naval stores	180	19	65	94	2	
Vegetable dyeing and tanning materials	23	18	1	3	1	
Cotton (unmanufactured)	895	47	15	734	99	
Silk	2	2				
Wool and hair	12	10			1	1
Textiles	57	37	8	10	2	
Fibers and products	34	25		5	3	
Logs and timber	278	11	42	57	168	
Lumber	1,204	136	87	363	617	1
Cork and products	3	2				
Wood pulp	421	86	34	104	192	5
Paper stock	123	70	2	1	47	3
Paper	601	401	17	101	81	1
Coal and coke	13,104	2,625	79	127	44	10,229
Petroleum and products	1,770	680	7	674	371	38
Asphalt and pitch	235	74		69	92	
Clay, chalk, sand, stone, and cement	776	197	2	96	73	407
Sulphur	753	3		734	1	15
Nonmetallic minerals, n. e. s.	204	82	1	40	73	8
Ores	*1,530*	*144*	*2*	*10*	*9*	*1,371*
Iron and steel	6,566	5,464	58	686	127	231
Metal scrap	2,404	1,029	198	685	375	117
Metals, n. e. s. (not iron, steel, or precious)	791	573		141	76	
Machinery (heavy)	505	449	1	30	23	1
Vehicles	574	555	2	7	10	1
Machines (small) and appliances	36	34	1	1	1	
Glass, porcelain, and earthenware	55	39	1	6	2	8
Rubber goods	30	22			8	
Manufactured goods	105	87	2	8	8	
Building materials, n. e. s.	157	63	2	28	64	
Medicines, drugs, and toilet preparations	23	17		5	1	
Chemicals	509	383	2	19	102	3
Paints and pigments	145	30		95	16	4
Phosphate rock	731	29	19	649		34
Fertilizer, n. e. s.	479	404	21	36	14	4
Crude drugs and essential oils	2	1				
Returned containers	12	10		1	2	
Returned goods	3	2				
Explosives and ammunition	70	50	1	12	8	
Miscellaneous	1,063	799	11	55	89	109
Tanker cargoes, total	12,710	462		5,258	5,643	1,347
Oils (animal, fish, and vegetable)	1	1				
Sugar and molasses	*19*	*19*				
Naval stores	3				3	
Petroleum and products	12,588	406		5,211	5,627	1,344
Asphalt and pitch	6			2	4	
Clay, chalk, stone, sand, and cement	5	5				
Iron and steel	4	3				
Building materials, n. e. s.	1				1	
Chemicals	55	11		36	4	3
Paints and pigments	1				1	
Phosphate rock	7			7		
Returned containers	1				1	
Explosives and ammunition	1				1	
Miscellaneous	16	15			1	

Source: U. S. Maritime Commission, Report No. 2610.

No. 563.—Vessels Entered and Cleared in Foreign Trade—Net Tonnage: 1840 to 1940

Note.—Domestic trade is not included. For definition of net tonnage see general note, p. 493. Figures cover years ended June 30 to and including 1918, calendar years thereafter. Owing to the marked effect of the war on shipping a special average for the 6½ years July 1, 1914, to Dec. 31, 1920, is presented.

[In thousands of net tons]

Yearly average or year	Entered		Cleared		Year	Entered		Cleared	
	Seaports	Other ports	Seaports	Other ports		Seaports	Other ports	Seaports	Other ports
1840 [1]	1,788	501	1,861	492	1909	30,243	8,815	29,604	8,592
1850	3,169	1,179	3,167	1,194	1910	30,917	9,319	30,510	9,196
1860	5,000	3,275	5,257	3,533	1911	32,457	10,218	32,299	10,188
1870	6,270	2,886	6,362	2,807	1912	34,659	11,499	34,706	11,711
1871-1875	8,462	2,997	8,514	2,994	1913	37,973	12,666	37,566	13,586
1876-1880	12,134	2,792	12,197	2,807	1914	40,052	13,337	39,743	13,440
1881-1885	13,604	2,931	13,781	2,917	1915	35,032	11,678	35,458	11,427
1886-1890	13,479	2,602	13,655	2,593	1916	37,744	13,806	38,946	13,477
1891-1895	16,801	2,816	16,965	2,876	1917	36,521	13,951	38,094	13,983
1896-1900	20,931	3,989	21,077	4,007	1918	31,101	14,356	31,869	14,145
1901-1905	24,551	5,939	24,633	5,918	1918 (July-Dec.)	16,113	8,916	16,112	9,360
1906-1910	29,651	8,072	29,156	8,036	1919	36,381	10,320	40,750	10,506
1911-1915	36,035	11,879	35,954	12,061	1920	51,532	12,572	54,981	12,837
1916-1920 [2]	38,071	13,440	40,137	13,511	1921	49,958	12,327	50,423	12,242
1921-1925	52,959	13,334	53,578	13,075	1922	51,701	13,490	51,799	13,040
1926-1930	63,768	15,293	64,441	15,319	1923	52,775	13,544	53,215	13,409
1931-1935	54,928	10,462	55,214	10,351	1924	54,726	13,565	55,294	13,616
1936-1940	55,521	11,595	56,967	11,575	1925	55,636	13,742	57,160	13,069
1910-1914	35,212	11,408	34,965	11,614	1926	63,759	13,174	65,583	13,468
1914-1920 [3]	37,604	13,169	39,417	13,190	1927	58,921	15,389	59,759	15,682
1896	17,453	3,536	17,819	3,596	1928	62,809	17,402	63,331	17,336
1897	20,003	3,757	19,878	3,831	1929	66,852	15,749	67,030	15,313
1898	21,700	3,879	21,892	3,856	1930	66,499	14,753	66,500	14,808
1899	21,963	4,148	22,177	4,089	1931	60,427	12,355	61,204	12,297
1900	23,534	4,629	23,618	4,663	1932	55,229	9,607	54,900	9,547
1901	24,791	4,977	24,889	4,931	1933	51,564	9,372	52,083	9,204
1902	24,361	6,293	24,242	6,202	1934	53,132	10,655	53,162	10,541
1903	24,698	6,396	24,823	6,493	1935	54,289	10,324	54,722	10,165
1904	24,111	5,841	24,192	5,824	1936	55,038	10,934	55,381	10,686
1905	24,793	6,190	25,020	6,138	1937	59,980	11,580	61,177	11,704
1906	27,401	6,754	26,970	6,814	1938	59,223	11,293	60,064	11,222
1907	29,248	7,374	28,499	7,401	1939	57,973	11,019	59,218	11,088
1908	30,444	8,095	30,198	8,084	1940	45,393	13,151	48,996	13,176

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

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

No. 564.—Vessels Entered and Cleared in Foreign Trade—Net Tonnage, by Regions and by Customs Districts: 1937 to 1940

Note.—In thousands of net tons. See headnote, table 563.

Customs district	1937		1938		1939		1940	
	Entered	Cleared	Entered	Cleared	Entered	Cleared	Entered	Cleared
Grand total	71, 560	72, 880	70, 516	71, 286	68, 992	70, 306	58, 544	62, 171
Seaports, total	59, 980	61, 177	59, 223	60, 064	57, 973	59, 218	45, 393	48, 996
North Atlantic coast, total	28, 701	27, 328	26, 719	25, 967	25, 968	24, 661	19, 314	19, 066
Maine, New Hampshire	665	503	615	383	587	433	510	527
Massachusetts	4, 442	3, 094	3, 444	2, 822	3, 390	2, 551	2, 528	1, 718
Rhode Island	107	122	65	85	87	63	143	98
Connecticut	28	20	25	25	25	13	105	66
New York	21, 108	21, 700	20, 608	21, 117	19, 580	19, 796	13, 144	14, 230
Philadelphia	2, 351	1, 890	1, 962	1, 535	2, 299	1, 806	2, 884	2, 427
South Atlantic coast, total	5, 190	5, 985	4, 647	5, 242	5, 114	6, 220	6, 030	6, 852
Maryland	2, 055	1, 675	1, 719	1, 442	1, 856	1, 885	2, 536	2, 308
Virginia	901	1, 801	835	1, 507	908	1, 688	1, 539	2, 154
North Carolina	132	129	141	76	132	67	93	55
South Carolina	459	279	413	210	491	256	460	246
Georgia	322	442	264	396	305	560	269	431
Puerto Rico	948	1, 081	795	892	680	813	574	816
Virgin Islands[1]	374	578	480	719	742	952	559	842
Gulf coast, total	*10, 531*	*11, 679*	*11, 932*	*12, 605*	*10, 607*	*11, 668*	*8, 665*	*9, 755*
Florida	2, 055	2, 080	2, 114	1, 921	2, 030	1, 988	1, 586	1, 899
Mobile	529	825	688	896	525	548	683	597
New Orleans	3, 669	3, 690	3, 642	3, 637	3, 339	3, 387	3, 078	3, 192
Sabine	1, 610	1, 950	1, 868	2, 104	1, 649	2, 081	830	1, 267
Galveston	2, 668	3, 133	3, 620	4, 047	3, 064	3, 664	2, 488	2, 800
Mexican border: San Antonio	684	729	1, 103	1, 145	1, 215	1, 241	--------	--------
Pacific coast, total	14, 873	15, 455	14, 822	15, 105	15, 069	15, 428	11, 384	13, 322
Washington	5, 233	5, 015	5, 396	4, 936	5, 552	4, 992	3, 270	4, 736
Oregon	373	425	482	385	549	519	349	305
San Francisco	1, 519	1, 909	1, 716	2, 275	1, 596	2, 213	1, 390	1, 793
Los Angeles	5, 937	6, 461	5, 430	6, 067	5, 530	6, 062	4, 756	5, 089
Alaska	220	226	191	248	223	320	238	300
Hawaii	1, 319	1, 358	1, 281	1, 101	1, 266	1, 256	1, 130	990
San Diego	272	61	326	93	353	66	251	19
Northern border, total	11, 580	11, 704	11, 293	11, 222	11, 019	11, 088	13, 151	13, 176
Vermont	4	4	3	3	4	5	3	3
St. Lawrence	496	461	457	430	303	256	368	271
Rochester	2, 204	2, 192	2, 340	2, 282	2, 086	1, 982	2, 674	2, 631
Buffalo	936	740	805	556	1, 486	985	1, 117	713
Ohio	4, 324	4, 724	4, 051	3, 764	3, 596	3, 876	5, 010	5, 255
Michigan	*1, 888*	*1, 801*	*1, 526*	*1, 803*	*1, 853*	*2, 288*	*2, 068*	*2, 312*
Chicago	492	557	702	943	413	595	542	735
Wisconsin	464	375	690	567	680	469	619	503
Duluth and Superior	771	760	719	874	599	632	750	753

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:									
1911–1915	24, 293	20, 708	6, 635	3, 377	5, 055	3, 649	52	11, 879	4, 564
1915–1920[2]	24, 581	16, 094	7, 939	4, 646	5, 487	4, 329	64	13, 440	5, 646
1921–1925	30, 979	27, 133	12, 390	8, 243	9, 562	6, 070	28	13, 334	6, 475
1926–1930	36, 884	33, 003	11, 634	7, 415	15, 100	8, 247	150	15, 293	7, 700
1931–1935	31, 721	28, 668	8, 058	4, 858	14, 968	9, 239	180	10, 462	4, 997
1936–1940	30, 634	26, 925	10, 115	5, 593	14, 108	9, 368	663	11, 595	5, 187
1937	33, 891	30, 407	10, 531	6, 017	14, 873	9, 762	684	11, 580	5, 288
1938	31, 366	27, 439	11, 932	5, 681	14, 822	9, 598	1, 103	11, 293	5, 085
1939	31, 082	26, 837	10, 607	5, 363	15, 069	9, 651	1, 215	11, 019	5, 311
1940	25, 344	21, 117	8, 665	5, 398	11, 384	7, 494	--------	13, 151	4, 953
Clearances:									
1911–1915	*23, 668*	*21, 765*	*7, 193*	*6, 414*	*5, 104*	*4, 643*	*50*	*12, 091*	*8, 667*
1916–1920[2]	25, 921	23, 168	8, 528	6, 915	5, 626	4, 762	62	13, 511	9, 637
1921–1925	30, 837	24, 284	12, 833	9, 589	9, 880	8, 360	28	13, 075	9, 236
1926–1930	36, 361	28, 696	12, 326	10, 641	15, 658	13, 148	95	15, 319	10, 504
1931–1935	30, 658	23, 563	9, 018	8, 079	15, 411	13, 220	127	10, 351	7, 309
1936–1940	30, 472	22, 459	11, 064	9, 601	14, 752	13, 394	677	11, 575	9, 412
1937	33, 314	24, 851	11, 679	10, 125	15, 455	14, 173	729	11, 704	9, 890
1938	31, 209	23, 679	12, 605	11, 189	15, 105	13, 766	1, 145	11, 222	9, 348
1939	30, 881	22, 563	11, 668	10, 201	15, 428	14, 171	1, 241	11, 088	8, 880
1940	25, 918	18, 205	9, 755	8, 114	13, 322	11, 834	--------	13, 176	11, 401

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

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

No. 565.—Vessels Entered in Foreign Trade—Net Tonnage, by Classes: 1881 to 1940

[All figures except number of vessels and percentages in thousands of net tons. See headnote, table 563]

Yearly average or year	Number of vessels, all ports	All ports: Total	All ports: American	All ports: Foreign	All ports: Percent American	Seaports: All vessels	Seaports: Sailing vessels	Seaports: Steam vessels	Seaports: With cargo	Seaports: In ballast
1881–1890	32,038	16,308	3,395	12,913	20.8	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	29,651	1,816	27,834	23,621	6,029
1911–1915	38,951	47,914	12,205	35,709	25.5	36,035	1,574	34,461	27,778	8,257
1915–1920 [1]	42,713	51,511	21,999	29,512	42.7	38,071	1,899	36,173	25,128	12,943
1921–1925	41,546	66,293	29,645	36,648	44.7	52,959	1,004	51,955	41,471	11,488
1926–1930	45,846	79,062	30,314	48,748	38.3	63,768	472	63,296	48,710	15,058
1931–1935	31,338	65,390	23,847	41,543	36.5	54,928	227	54,701	42,835	12,093
1936–1940	33,954	67,117	19,243	47,873	28.7	55,521	102	55,419	41,951	13,570
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
1927	45,450	74,310	29,289	45,021	39.4	58,921	530	58,391	45,462	13,458
1928	48,252	80,211	31,285	48,926	39.0	62,800	453	62,356	48,757	14,052
1929	46,687	82,602	32,241	50,361	39.0	66,852	456	66,397	51,919	14,934
1930	44,076	81,253	31,866	49,387	39.2	66,499	373	66,127	52,298	14,201
1931	36,373	72,782	26,907	45,875	37.0	60,427	241	60,186	47,265	13,162
1932	30,318	64,837	24,278	40,559	37.4	55,229	236	54,994	42,701	12,528
1933	28,019	60,936	22,488	38,448	36.9	51,564	180	51,384	40,410	11,154
1934	29,736	63,787	23,192	40,594	36.4	53,132	196	52,936	41,297	11,835
1935	32,246	64,612	22,372	42,240	34.6	54,289	281	54,008	42,501	11,788
1936	33,439	65,972	20,682	45,290	31.3	55,038	311	54,727	44,675	10,363
1937	34,309	71,560	19,527	52,033	27.3	59,980	54	59,926	46,328	13,652
1938	33,079	70,516	19,020	51,496	27.0	59,223	51	59,172	42,806	16,417
1939	35,310	68,992	17,769	51,223	25.8	57,973	34	57,939	41,940	16,033
1940	33,636	58,544	19,220	39,324	32.8	45,393	60	45,333	34,008	11,385

Yearly average or year	Seaports—continued: American vessels: Total	American vessels: With cargo	Foreign vessels: Total	Foreign vessels: With cargo	Percent American	Northern border ports: Total	Northern border ports: With cargo	Northern border ports: American	Northern border ports: Foreign
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	6,475	7,119	6,215
1926–1930	23,182	18,809	40,586	29,901	36.4	15,293	7,700	7,132	8,162
1931–1935	19,854	16,870	35,074	25,965	36.1	10,462	4,997	3,993	6,469
1936–1940	16,090	13,865	39,432	28,086	29.0	11,595	5,187	3,154	8,441
1910–1914	4,753	3,787	30,459	24,309	13.5	11,408	4,501	6,575	4,832
1914–1920 [2]	13,327	10,481	24,276	14,456	35.4	13,109	5,430	7,330	5,840
1927	22,001	17,668	36,920	27,794	37.3	15,389	7,824	7,288	8,101
1928	22,991	18,404	39,818	30,353	36.6	17,402	8,571	8,294	9,108
1929	25,208	20,541	41,645	31,378	37.7	15,749	7,558	7,034	8,716
1930	24,620	20,330	41,879	31,968	37.0	14,753	7,418	7,245	7,508
1931	21,499	18,123	38,929	29,142	35.6	12,355	5,980	5,408	6,946
1932	20,643	17,306	34,587	25,306	37.4	9,607	4,869	3,635	5,973
1933	19,051	16,123	32,513	24,287	36.9	9,372	4,444	3,437	5,934
1934	19,186	16,500	33,946	24,797	36.1	10,655	4,717	4,006	6,649
1935	18,893	16,206	35,395	26,295	34.8	10,324	4,976	3,479	6,845
1936	17,510	15,360	37,528	29,314	31.8	10,934	5,300	3,172	7,762
1937	16,747	14,661	43,233	31,667	27.9	11,580	5,288	2,780	8,800
1938	15,899	13,080	43,324	29,726	26.8	11,293	5,085	3,121	8,172
1939	14,553	12,258	43,421	29,681	25.1	11,019	5,311	3,217	7,802
1940	15,740	13,965	29,652	20,043	34.7	13,151	4,953	3,480	9,671

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

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

No. 566.—Vessels Cleared in Foreign Trade—Net Tonnage, by Classes: 1881 to 1940

[All figures except number of vessels and percentages in thousands of net tons. See headnote, table 563]

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	35,954	1,654	34,301	32,827	3,128
1915-1920 [1]	42,687	53,647	23,005	30,643	42.9	40,137	2,057	38,080	34,851	5,285
1921-1925	40,120	66,653	29,554	37,099	44.3	53,578	984	52,594	42,233	11,345
1926-1930	44,082	79,760	30,709	49,051	38.5	64,441	467	63,973	52,581	11,860
1931-1935	30,520	65,565	23,616	41,949	36.0	55,214	221	54,993	44,990	10,224
1936-1940	32,706	68,541	19,448	49,093	28.4	56,967	102	56,864	46,126	10,841
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
1927	43,619	75,440	29,793	45,647	39.5	59,759	526	59,233	49,419	10,340
1928	46,201	80,667	31,734	48,933	39.3	63,331	436	62,895	51,609	11,722
1929	44,837	82,343	31,927	50,416	38.8	67,030	422	66,608	54,132	12,898
1930	41,801	81,307	31,560	49,748	38.8	66,500	386	66,114	53,507	12,993
1931	35,368	73,501	26,854	46,647	36.5	61,204	238	60,966	49,805	11,399
1932	29,648	64,446	23,865	40,582	37.0	54,900	233	54,667	43,909	10,991
1933	27,157	61,287	22,434	38,853	36.6	52,083	180	51,903	43,197	8,886
1934	28,874	63,702	22,799	40,903	35.8	53,162	177	52,985	43,881	9,281
1935	31,554	64,887	22,126	42,761	34.1	54,722	277	54,445	44,159	10,563
1936	31,362	66,066	20,069	45,997	30.4	55,381	317	55,063	44,672	10,708
1937	32,850	72,880	19,938	52,942	27.4	61,177	53	61,123	49,853	11,324
1938	31,710	71,286	18,829	52,456	26.4	60,064	58	60,006	49,780	10,284
1939	34,192	70,306	18,156	52,150	25.8	59,218	33	59,185	48,170	11,048
1940	33,417	62,171	20,248	41,923	32.6	48,996	52	48,943	38,154	10,842

Yearly average or year	Seaports—continued					Northern border ports			
	American vessels		Foreign vessels		Percent American	Total	With cargo	American	Foreign
	Total	With cargo	Total	With cargo					
1881-1890	2,978	2,541	10,741	10,254	21.7	2,754	1,778	472	2,282
1891-1900	3,644	2,914	15,377	14,600	19.2	3,442	2,129	1,394	2,048
1901-1905	4,000	3,284	20,633	19,176	16.2	5,918	3,825	2,812	3,106
1906-1910	4,084	3,498	25,072	23,270	14.0	8,036	5,673	4,198	3,838
1911-1915	5,361	4,522	30,594	28,305	14.9	12,061	8,567	7,151	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	14,974	31,022	27,259	42.1	13,075	9,236	6,998	6,077
1926-1930	23,338	17,071	41,102	35,510	36.2	15,319	10,504	7,371	7,948
1931-1935	19,653	15,729	35,561	29,261	35.6	10,351	7,309	3,962	6,388
1936-1940	16,302	13,116	40,665	33,009	28.6	11,575	9,412	3,146	8,429
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
1927	22,078	16,524	37,681	32,895	36.9	15,682	10,656	7,716	7,966
1928	23,180	16,969	40,151	34,640	36.6	17,336	11,898	8,554	8,782
1929	25,045	18,337	41,985	35,795	37.4	15,313	10,917	6,883	8,431
1930	24,154	17,687	42,346	35,820	36.3	14,808	9,809	7,406	7,402
1931	21,417	16,732	39,787	33,073	35.0	12,297	8,644	5,437	6,860
1932	20,204	16,072	34,695	27,838	36.8	9,547	6,799	3,660	5,886
1933	19,093	15,824	32,990	27,374	36.7	9,204	6,629	3,340	5,864
1934	18,901	15,571	34,261	28,310	35.6	10,541	7,318	3,899	6,641
1935	18,651	14,447	36,071	29,712	34.1	10,165	7,155	3,475	6,690
1936	16,967	13,617	38,414	31,055	30.6	10,686	7,542	3,102	7,583
1937	17,134	14,038	44,043	35,815	28.0	11,704	9,890	2,804	8,900
1938	15,742	12,893	44,322	36,887	26.2	11,222	9,348	3,087	8,135
1939	14,903	12,130	44,316	36,040	25.2	11,088	8,880	3,253	7,835
1940	16,766	12,904	32,230	25,249	34.2	13,176	11,401	3,483	9,693

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

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

No. 567.—Vessels Entered and Cleared at Seaports in Foreign Trade—Net Tonnage, by Countries of Origin and Destination: 1921 to 1940

Note.—In thousands of net tons. Only traffic by sea is included. For definition of net tonnage see general note, p. 403.

COUNTRY	1921–1925, average	1926–1930, average	1931–1935, average	1936–1940, average	1937	1938	1939	1940
Total by sea:								
Entered	52,959	63,768	54,928	55,521	59,980	59,223	57,973	45,393
Cleared	53,578	64,441	55,214	56,967	61,177	60,064	59,218	48,996
Belgium:								
Entered	1,231	1,560	1,068	940	1,270	1,177	1,079	1
Cleared	1,190	1,280	1,013	892	1,196	1,074	903	184
Denmark:								
Entered	372	532	451	251	270	328	294	115
Cleared	450	686	402	167	131	224	249	93
France:								
Entered	1,953	2,321	2,027	2,093	2,506	2,768	2,347	685
Cleared	2,250	2,475	2,582	2,395	2,952	3,094	2,526	943
Germany:								
Entered	2,998	3,813	3,806	2,530	3,718	3,591	2,029	-------
Cleared	3,165	3,714	3,235	2,119	2,969	3,068	1,659	-------
Italy:								
Entered	1,707	2,101	1,909	1,638	1,900	1,849	1,805	1,045
Cleared	1,986	2,023	1,869	1,727	1,899	1,948	1,987	1,228
Netherlands:								
Entered	1,654	2,081	1,389	1,804	2,074	2,553	2,534	440
Cleared	1,464	1,499	1,050	1,358	1,503	1,953	1,949	331
Norway:								
Entered	384	360	379	554	465	641	841	332
Cleared	412	361	269	365	331	430	543	220
Spain:								
Entered	608	850	674	361	341	254	---------	625
Cleared	463	612	597	250	113	188	---------	481
Sweden:								
Entered	504	681	695	834	957	1,046	1,026	251
Cleared	353	498	412	604	636	756	858	199
United Kingdom:								
Entered	9,378	10,614	6,087	6,422	6,589	7,623	6,589	5,373
Cleared	8,647	10,577	6,147	5,871	6,226	6,378	5,698	5,325
Canada:								
Atlantic coast—								
Entered	1,201	1,607	2,265	2,033	2,365	1,822	1,935	1,863
Cleared	1,331	1,709	2,267	2,408	2,641	2,312	2,458	2,203
British Columbia, Yukon—								
Entered	4,571	6,619	6,682	6,551	5,487	5,871	11,902	3,557
Cleared	4,573	6,556	6,878	7,272	6,085	6,334	12,005	5,573
Central America:[1]								
Entered	1,734	2,391	2,368	3,307	2,349	2,616	3,046	6,063
Cleared	1,640	2,692	2,801	4,211	3,351	3,513	4,337	6,899
Mexico:								
Entered	3,160	2,840	1,548	1,932	2,131	1,739	1,709	1,856
Cleared	3,391	2,892	1,755	2,028	2,347	1,846	1,682	1,874
British West Indies, Bermudas, and British Honduras:								
Entered	1,351	1,975	3,210	2,684	3,073	3,348	3,081	1,141
Cleared	1,435	2,216	3,400	3,172	3,608	3,920	3,635	1,554
Cuba:								
Entered	4,769	5,875	5,435	4,988	5,652	4,708	4,842	4,511
Cleared	4,659	5,832	5,292	4,832	5,538	4,368	4,629	4,437
Dominican Republic:								
Entered	380	713	688	499	535	451	428	482
Cleared	449	920	903	589	658	543	498	548
Haiti:								
Entered	105	220	176	251	349	251	238	303
Cleared	230	204	188	262	209	225	255	433
Argentina:								
Entered	1,006	966	499	828	1,145	664	775	724
Cleared	707	997	358	494	458	451	610	453
Brazil:								
Entered	552	918	803	637	426	512	861	677
Cleared	913	1,252	924	1,241	1,194	1,158	1,230	1,539
Chile:								
Entered	975	1,387	545	1,030	995	1,045	1,042	1,275
Cleared	793	1,058	507	734	665	698	669	962
Colombia:								
Entered	144	958	1,056	599	678	526	613	517
Cleared	226	966	1,015	1,030	1,048	1,053	1,006	938
British India, British Malaya, and Ceylon:								
Entered	576	833	704	691	698	591	631	827
Cleared	330	428	289	279	264	255	285	316

[1] Not including British Honduras.

No. 567.—Vessels Entered and Cleared at Seaports in Foreign Trade—Net Tonnage, by Countries of Origin and Destination: 1921 to 1940—Continued

COUNTRY	1921–1925, average	1926–1930, average	1931–1935, average	1936–1940, average	1937	1938	1939	1940
China, Hong Kong, and Kwantung:								
Entered	959	1,044	827	805	921	553	949	806
Cleared	963	894	562	359	416	263	379	510
Japan:								
Entered	1,607	2,320	2,169	2,853	3,050	2,881	2,913	2,768
Cleared	2,106	3,284	3,815	4,631	5,460	4,441	4,839	4,042
Philippine Islands:								
Entered	408	611	1,012	986	1,079	1,048	966	855
Cleared	359	503	466	663	494	624	779	879
Oceania:								
Entered	509	931	778	693	753	706	585	568
Cleared	946	1,396	831	714	752	766	650	624
All other countries:								
Entered	3,165	6,649	5,677	6,717	8,144	8,061	2,913	7,733
Cleared	3,149	6,913	5,388	6,299	8,033	8,181	2,900	6,207

No. 568.—Vessels Entered and Cleared at Seaports in Foreign Trade—Net Tonnage, by Nationality of Vessel: 1921 to 1940

Note.—**In thousands of net tons.** Only traffic by sea and to and from foreign countries is included. The large trade with Canada on the Great Lakes and the St. Lawrence is handled about equally by vessels of the United States and of the British (Canadian) flag. See tables 565 and 566 in which the columns for northern border represent trade with Quebec and Ontario.

	1921–1925, average	1926–1930, average	1931–1935, average	1936–1940, average	1937	1938	1939	1940
Total by sea:								
Entered	52,959	63,768	54,928	55,521	59,980	59,223	57,973	45,393
Cleared	53,578	64,441	55,214	56,967	61,177	60,064	59,218	48,996
American:								
Entered	22,526	23,182	19,855	16,090	16,747	15,899	14,553	15,740
Cleared	22,556	23,338	19,653	16,302	17,134	15,742	14,903	16,766
Total foreign:								
Entered	30,433	40,586	35,074	39,432	43,233	43,324	43,420	29,652
Cleared	31,022	41,102	35,561	40,665	44,043	44,322	44,315	32,230
Belgian:								
Entered	332	374	274	332	302	292	372	449
Cleared	343	370	269	329	298	289	371	439
British:								
Entered	16,807	20,189	15,270	14,506	17,104	16,460	15,129	8,809
Cleared	17,064	20,291	15,373	14,889	17,170	16,466	15,159	10,440
Danish:								
Entered	929	1,136	917	1,040	1,030	1,357	1,402	404
Cleared	928	1,168	902	1,054	1,019	1,341	1,515	346
Dutch:								
Entered	1,300	1,798	1,634	2,322	2,177	2,511	3,123	1,914
Cleared	1,292	1,809	1,627	2,352	2,223	2,528	3,029	2,063
French:								
Entered	1,492	1,870	1,652	1,852	2,438	2,360	1,940	469
Cleared	1,518	1,905	1,694	1,859	2,407	2,369	1,922	504
German:								
Entered	847	2,654	3,260	2,488	3,507	3,543	2,089	----------
Cleared	870	2,736	3,280	2,414	3,000	3,577	2,141	----------
Italian:								
Entered	1,490	2,175	1,798	1,690	2,126	2,047	1,957	916
Cleared	1,569	2,150	1,800	1,704	2,118	2,116	1,982	885
Japanese:								
Entered	2,059	2,618	2,473	3,014	2,804	2,852	3,419	3,310
Cleared	2,235	2,741	2,682	3,428	3,272	3,183	3,866	3,783
Norwegian:								
Entered	2,817	4,026	4,072	6,672	7,018	7,370	7,719	5,635
Cleared	2,784	4,136	4,178	6,839	7,155	7,549	7,938	5,766
Spanish:								
Entered	480	571	459	185	41	----------	98	375
Cleared	487	586	457	188	44	----------	106	383
Swedish:								
Entered	564	985	1,013	1,206	1,171	1,275	1,410	1,008
Cleared	566	1,005	1,017	1,233	1,192	1,309	1,453	1,052
All other foreign:								
Entered	1,317	2,190	2,252	4,125	3,515	3,257	4,762	6,354
Cleared	1,366	2,206	2,281	4,377	4,145	3,595	4,833	6,569

Source of tables 567 and 568: Prior to 1936, Department of Commerce, Bureau of Foreign and Domestic Commerce; thereafter, Treasury Department, Bureau of Customs; records.

No. 569.—Exports (Including Reexports) and Imports of Merchandise—Value, by Method of Carriage: 1830 to 1935

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. No data compiled for years subsequent to 1935.

Yearly average or year	Exports (including reexports)					Imports					Water-borne—percent in American vessels	
	Total	Total by water	In American vessels	In foreign vessels	By cars, aircraft, etc. [1]	Total	Total by water	In American vessels	In foreign vessels	By cars, aircraft, etc. [1]	Exports	Imports
1830 [2]	74	74	64	10	(3)	71	71	66	5	(3)	86.6	93.1
1840 [2]	132	132	106	27	(3)	107	107	93	14	(3)	80.0	87.6
1850 [2]	152	152	100	52	(3)	178	178	140	39	(3)	65.5	78.4
1860 [2]	400	400	279	121	(3)	362	362	228	134	(3)	70.0	63.0
1870 [2]	451	451	170	281	(3)	462	462	153	309	(3)	37.7	33.1
1871-1875 [2]	586	578	157	422	8	599	584	170	414	16	27.1	35.1
1876-1880 [2]	711	704	142	562	7	514	501	147	354	13	20.2	29.3
1881-1885	792	773	100	673	19	667	646	130	517	21	12.9	20.1
1886-1890	738	714	76	638	25	717	685	122	563	33	10.6	17.8
1891-1895	892	851	73	778	42	785	748	125	623	38	8.6	16.7
1896-1900	1,157	1,079	78	1,001	79	742	706	101	604	36	7.2	14.4
1901-1905	1,454	1,316	97	1,218	138	972	909	122	787	63	7.4	13.5
1906-1910	1,779	1,576	128	1,448	203	1,345	1,262	159	1,103	83	8.1	12.6
1911-1915	2,371	2,049	187	1,862	322	1,712	1,590	198	1,392	123	9.1	12.5
1915-1920 [4]	6,515	5,712	1,556	4,156	803	3,358	2,961	978	1,984	397	27.2	33.0
1921-1925	4,307	3,788	1,405	2,383	609	3,450	3,013	978	2,035	437	37.1	32.5
1926-1930	4,777	3,983	1,382	2,600	795	4,033	3,509	1,129	2,380	524	34.7	32.2
1931-1935	2,025	1,742	617	1,125	284	1,708	1,507	538	970	200	35.4	35.8
1924	4,591	4,010	1,532	2,478	581	3,610	3,145	1,012	2,133	466	38.2	32.1
1925	4,910	4,224	1,473	2,751	686	4,227	3,716	1,151	2,565	510	34.9	31.0
1926	4,809	4,050	1,401	2,649	759	4,431	3,891	1,195	2,696	540	34.6	30.7
1927	4,865	4,097	1,434	2,663	768	4,185	3,662	1,215	2,447	523	35.0	33.2
1928	5,128	4,277	1,472	2,804	851	4,091	3,550	1,133	2,418	541	34.4	31.9
1929	5,241	4,322	1,487	2,835	920	4,399	3,807	1,205	2,602	592	34.4	31.6
1930	3,843	3,168	1,117	2,051	675	3,061	2,635	898	1,737	426	35.3	34.1
1931	2,424	2,043	732	1,311	382	2,091	1,829	619	1,210	262	35.8	33.8
1932	1,611	1,385	476	909	226	1,323	1,164	431	734	158	34.4	37.0
1933	1,675	1,471	515	956	204	1,450	1,287	461	826	162	35.0	35.8
1934	2,133	1,837	658	1,179	296	1,636	1,446	528	917	190	35.8	36.5
1935	2,283	1,973	705	1,268	310	2,039	1,813	649	1,164	226	35.8	35.8

Total water-borne exports and imports combined

Yearly average or year	Total	In American vessels	In foreign vessels	Percent in American vessels	Yearly average or year	Total	In American vessels	In foreign vessels	Percent in American vessels
1830 [2]	145	130	15	89.7	1921-1925	6,801	2,383	4,418	35.0
1840 [2]	239	198	41	82.3	1926-1930	7,492	2,511	4,980	33.5
1850 [2]	330	239	91	72.5	1931-1935	3,249	1,155	2,095	35.6
1860 [2]	762	507	255	66.5					
1870 [2]	913	323	590	35.6	1924	7,155	2,544	4,611	35.7
					1925	7,940	2,624	5,316	33.0
1871-1875 [2]	1,162	326	835	30.6	1926	7,941	2,596	5,345	34.0
1876-1880 [2]	1,206	289	917	23.9	1927	7,759	2,649	5,110	34.1
1881-1885	1,419	229	1,190	16.2	1928	7,827	2,605	5,222	33.3
1886-1890	1,398	198	1,200	14.1	1929	8,129	2,692	5,437	33.1
1891-1895	1,598	198	1,400	12.4	1930	5,803	2,015	3,788	34.7
1896-1900	1,784	179	1,605	10.0	1931	3,871	1,351	2,520	34.9
1901-1905	2,225	220	2,005	9.9	1932	2,549	907	1,643	35.6
1906-1910	2,838	287	2,552	10.1	1933	2,758	976	1,782	35.4
1911-1915	3,639	385	3,254	10.6	1934	3,283	1,186	2,097	36.1
1915-1920 [4]	8,673	2,534	6,140	29.2	1935	3,786	1,364	2,432	35.8

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

Source: Department of Commerce, Bureau of Foreign and Domestic Commerce; Foreign Commerce and Navigation of the United States, 1935 and earlier editions.