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

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

Operating railways are divided into three classes, according to the amount of 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. 424.—RAILWAY MILEAGE OWNED AND MILEAGE OPERATED CLASSIFIED BY TRACKAGE

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 five columns omit "circular" and "unofficial" lines. Mileage owned excludes all duplication and covers continental United States only. Mileage operated includes some duplication under trackage rights and some mileage in Canada operated by United States companies

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

Source: Interstate Commerce Commission.

No. 425.—RAILWAY MILEAGE OWNED: By States

Note.—See headnote to table 424. 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	1934	1935
United States[3]	30,626	52,922	93,267	163,597	193,346	240,439	252,845	249,052	243,857	241,822
New England	3,660	4,494	5,982	6,718	7,521	7,921	7,942	7,596	7,415	7,214
Maine	472	786	1,005	1,338	1,915	2,248	2,295	2,193	2,137	2,011
New Hampshire	661	736	1,015	1,145	1,239	1,246	1,252	1,165	1,089	1,048
Vermont	554	614	914	921	1,012	1,100	1,077	1,056	1,016	1,017
Massachusetts	1,264	1,480	1,915	2,094	2,119	2,115	2,106	2,022	1,992	1,960
Rhode Island	108	136	210	213	212	212	211	191	205	202
Connecticut	601	742	923	1,007	1,024	1,000	1,001	969	976	976
Middle Atlantic	5,840	9,709	13,832	18,161	20,709	21,980	22,293	21,752	21,421	21,309
New York	2,682	3,928	5,957	7,661	8,121	8,430	8,390	8,312	8,211	8,187
New Jersey	560	1,125	1,684	2,047	2,257	2,260	2,352	2,299	2,189	2,179
Pennsylvania	2,598	4,656	6,191	8,453	10,331	11,290	11,551	11,141	11,021	10,943
South Atlantic	5,976	7,349	9,789	18,270	23,362	29,795	32,380	31,644	30,673	30,418
Delaware	127	197	275	323	347	335	335	325	325	301
District of Columbia	(4)	(4)	(4)	30	32	36	36	36	38	37
Maryland	386	671	1,040	1,231	1,376	1,426	1,436	1,443	1,439	1,439
Virginia	1,379	1,486	1,893	3,160	3,779	4,535	4,703	4,516	4,414	4,381
West Virginia	352	387	691	1,328	2,228	3,601	3,996	4,046	3,955	3,928
North Carolina	937	1,178	1,486	3,001	3,831	4,932	5,522	5,161	4,902	4,813
South Carolina	973	1,139	1,427	2,194	2,818	3,442	3,814	3,780	3,681	3,605
Georgia	1,420	1,845	2,459	4,532	5,652	7,056	7,326	6,671	6,464	6,461
Florida	402	446	518	2,471	3,299	4,432	5,212	5,666	5,455	5,453
East North Central	9,583	14,701	25,109	36,924	41,007	44,928	44,904	43,770	42,459	42,236
Ohio	2,946	3,538	5,792	7,912	8,807	9,134	9,002	8,804	8,585	8,574
Indiana	2,163	3,177	4,373	5,971	6,471	7,420	7,426	7,106	7,061	7,052
Illinois	2,790	4,823	7,851	10,214	11,003	11,878	12,188	12,500	12,262	12,228
Michigan	779	1,638	3,938	7,243	8,195	9,021	8,734	8,072	7,647	7,498
Wisconsin	905	1,525	3,155	5,584	6,531	7,475	7,554	7,288	6,904	6,884
West North Central	1,472	8,046	19,094	38,354	42,988	49,730	52,180	51,400	50,446	49,975
Minnesota	--------	1,092	3,151	5,466	6,943	8,669	9,114	8,779	8,636	8,586
Iowa	655	2,683	5,400	8,356	9,185	9,755	9,808	9,698	9,517	9,474
Missouri	817	2,000	3,965	6,004	6,875	8,083	8,117	7,897	7,718	7,577
North Dakota	--------	[5] 65	[5] 1,225	1,941	2,731	4,201	5,311	5,275	5,276	5,286
South Dakota	--------	(6)	(6)	2,486	2,850	3,948	4,276	4,238	4,192	4,168
Nebraska	--------	705	1,953	5,295	5,685	6,067	6,166	6,174	6,104	6,103
Kansas	--------	1,501	3,400	8,806	8,719	9,007	9,388	9,339	9,003	8,781
East South Central	3,392	4,656	6,343	11,144	13,343	17,074	17,754	17,452	16,903	16,696
Kentucky	534	1,017	1,530	2,746	3,060	3,526	3,929	4,054	3,791	3,743
Tennessee	1,253	1,492	1,843	2,752	3,137	3,816	4,078	3,940	3,868	3,799
Alabama	743	1,157	1,843	3,314	4,226	5,226	5,378	5,249	5,169	5,175
Mississippi	862	990	1,127	2,332	2,920	4,506	4,369	4,209	4,075	3,979
West South Central	680	1,417	5,044	13,782	18,221	31,122	32,972	33,227	32,667	32,485
Louisiana	335	450	652	1,759	2,824	5,554	5,223	4,654	4,535	4,513
Texas	307	711	3,244	8,613	9,886	14,282	16,125	17,069	16,734	16,651
Oklahoma	--------	--------	289	1,214	2,151	5,980	6,572	6,678	6,657	6,655
Arkansas	38	256	859	2,196	3,360	5,306	5,052	4,826	4,741	4,666
Mountain	--------	1,466	5,082	12,676	15,808	22,956	25,170	24,973	24,631	24,447
Montana	--------	--------	106	2,181	3,010	4,207	5,072	5,228	5,222	5,203
Wyoming	--------	459	512	942	1,229	1,645	1,931	2,036	2,035	1,994
Colorado	--------	157	1,570	4,176	4,587	5,533	5,519	4,972	4,925	4,925
New Mexico	--------	--------	758	1,324	1,753	3,032	2,972	2,973	2,915	2,866
Arizona	--------	--------	349	1,097	1,512	2,097	2,478	2,494	2,316	2,284
Utah	--------	257	842	1,090	1,547	1,986	2,161	2,196	2,160	2,181
Nevada	--------	593	739	925	909	2,277	2,160	2,109	2,130	2,114
Idaho	--------	--------	206	941	1,261	2,179	2,877	2,965	2,928	2,880
Pacific	23	1,084	2,992	7,567	10,389	14,932	17,248	17,238	17,242	17,042
Washington	--------	--------	289	1,783	2,914	4,875	5,587	5,542	5,433	5,278
Oregon	--------	159	508	1,428	1,724	2,285	3,305	3,456	3,619	3,646
California	23	925	2,195	4,356	5,751	7,772	8,356	8,240	8,190	8,118
Alaska Territory	--------	--------	--------	--------	22	390	246	790	732	732
Hawaii Territory	--------	--------	--------	--------	--------	175	243	232	223	202

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

Source: Interstate Commerce Commission.

No. 426.—RAILWAY MILEAGE OWNED AND OPERATED

NOTE.—See note to table 424. 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	1895	180,657	177,746	1916	254,037	259,705
1850	----------	9,021	1896	182,777	181,983	1917	253,626	259,705
1855	----------	18,374	1897	184,428	183,284	1918	253,529	258,507
1860	----------	30,626	1898	186,396	184,648	1919	253,152	258,525
1865	----------	35,085	1899	189,295	187,535	1920	252,845	259,941
1870	----------	52,922	1900	193,346	192,556	1921	251,176	258,362
1875	----------	74,096	1901	197,237	195,562	1922	250,413	257,425
1880	----------	93,262	1902	202,472	200,155	1923	250,222	258,084
1882	----------	114,677	1903	207,977	205,314	1924	250,156	258,238
1883	----------	121,422	1904	213,904	212,243	1925	249,398	258,631
1884	----------	125,345	1905	218,101	216,974	1926	249,138	258,815
1885	----------	128,320	1906	224,363	222,340	1927	249,131	259,639
1886	----------	136,338	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

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

No. 427.—MILEAGE OPERATED AND EQUIPMENT: CLASS I CARRIERS

NOTE.—Mileage operated includes some duplication due to trackage rights and some mileage in Canada operated by United States companies. For car equipment in detail see table 431

Year ended Dec. 31	Mileage operated				Locomotives			Aggregate capacity of freight cars (1,000 tons)
	Road (first track)	Other main tracks	Yard track and sidings	Total track	Number, steam and electric	Tractive power, steam only		
						Aggregate (1,000 lbs.)	Average (lbs.)	
Total:								
1916	231,674	34,129	98,334	364,137	61,332	2,024,119	33,188	92,280
1920	235,234	36,737	105,408	377,379	64,746	2,340,761	36,365	98,343
1925	236,849	40,817	113,873	391,539	63,974	2,586,868	40,666	105,570
1927	238,634	41,926	118,654	399,214	61,344	2,606,171	42,798	105,846
1928	240,747	42,255	120,479	403,481	59,441	2,579,643	43,838	105,322
1929	242,015	42,556	121,882	406,453	57,537	2,550,813	44,801	105,411
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	[1] 41,768	121,012	400,271	46,456	2,206,201	48,367	88,677
Eastern district:								
1916	59,175	20,879	40,056	120,110	28,179	958,339	34,333	47,185
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
1933	59,307	22,648	46,177	128,132	21,438	1,012,309	48,427	47,416
1934	59,162	22,609	45,627	127,398	20,459	979,325	49,180	45,829
1935	58,815	22,429	45,253	126,497	19,856	958,695	49,867	43,555
Southern district:								
1916	42,753	3,940	15,695	62,388	9,754	323,023	33,165	15,633
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
1933	45,560	6,389	22,052	74,001	9,981	462,827	46,727	17,909
1934	45,310	6,386	21,950	73,646	9,369	442,338	47,589	17,462
1935	44,954	6,349	21,743	73,046	8,767	421,776	48,519	16,637
Western district:								
1916	129,746	9,310	42,583	181,639	23,399	742,757	31,827	29,463
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
1933	134,930	13,211	54,634	202,775	19,383	873,685	45,374	31,409
1934	134,083	13,003	54,301	201,387	18,356	841,604	46,171	29,678
1935	133,722	12,990	54,016	200,728	17,833	825,730	46,662	28,485

[1] Includes second track, 36,098 miles; third track, 3,132 miles; fourth and other, 2,538 miles.

Source: Interstate Commerce Commission.

No. 428.—MILEAGE OF ROAD AND TRACKS OPERATED: CLASS I CARRIERS, BY DISTRICTS

NOTE.—Figures include some mileage in Canada operated by United States companies as follows: 1916, 2,097 miles; 1920, 1949 miles; 1925, 3,087 miles; 1930, 2,898 miles; 1934, 2,709 miles; 1935, 2,662 miles, consisting of 1,559 miles of road, 478 miles of second main track, 69 miles of industrial tracks, and 556 miles of yard track and sidings. Figures also include some industrial tracks as follows: 1925, 20,407 miles; 1930, 21,694 miles; 1934, 21,288 miles; 1935, 21,151 miles

District and year ended Dec. 31	Total, all tracks	Road (first main track)	Second main track	Third main track	Fourth and other main tracks	Yard track and sidings	Electrified mileage			
							Total track	Road (first main track)	Other main tracks	Yard track and sidings
All districts:										
1916	364,137	231,674	29,223	2,716	2,190	98,334	(1)	(1)	(1)	(1)
1920	377,379	235,234	31,512	2,936	2,289	105,408	3,132	1,449	900	783
1925	391,539	236,848	35,200	3,111	2,506	113,874	[2] 3,598	[2] 1,674	972	952
1930	407,999	242,391	36,755	3,239	2,590	123,024	5,098	2,381	1,432	1,285
1934	402,431	238,555	36,313	3,134	2,551	121,878	5,436	2,368	1,659	1,409
1935	400,271	237,491	36,098	3,132	2,538	121,012	6,159	2,686	1,887	1,586
Eastern district:										
1916	120,110	59,175	16,666	2,408	1,805	40,056	(1)	(1)	(1)	(1)
1934	127,398	59,162	17,922	2,671	2,016	45,627	3,537	1,252	1,393	892
1935	126,497	58,815	17,755	2,670	2,004	45,253	4,073	1,422	1,620	1,031
Southern district:										
1916	62,389	42,753	3,725	43	173	15,695	(1)	(1)	(1)	(1)
1934	73,646	45,310	5,928	140	318	21,950	660	265	191	204
1935	73,046	44,954	5,893	140	316	21,743	657	265	191	201
Western district:										
1916	181,638	129,746	8,832	265	212	42,583	(1)	(1)	(1)	(1)
1934	201,387	134,083	12,463	323	217	54,301	1,239	851	75	313
1935	200,728	133,722	12,450	322	218	54,016	1,429	999	76	354

[1] Data not available.
[2] Does not include 43 miles of electric street railways operated by Boston & Maine R. R.

No. 429.—RAILWAY EQUIPMENT INSTALLED AND RETIRED FROM SERVICE: CLASS I CARRIERS

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) 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) transferred from one class of service to another

Year ended—	Locomotives		Freight-train cars		Passenger-train cars	
	Number installed	Number retired	Number installed	Number retired	Number installed	Number retired
June 30, 1912	2,861	1,858	97,972	69,876	3,060	1,387
1913	4,381	2,338	162,670	96,825	2,823	1,842
1914	3,245	1,862	150,813	96,985	3,629	1,854
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	139,083	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] 3,134	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

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

Source of tables 428 and 429: Interstate Commerce Commission.

No. 430.—RAILWAY EQUIPMENT IN SERVICE, ALL REPORTING COMPANIES

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	Locomotives					Freight-train cars [1]			Passenger-train cars
	Total number	Steam			Electric locomotive units [2]	Total number	Capacity		
		Number	Tractive effort				Aggregate (1,000 tons)	Average (tons)	
			Aggregate (1,000 lbs.)	Average (lbs.)					
June 30, 1910	60,019	-------	1,588,894	27,282	------	2,148,478	76,579	35.9	47,179
Dec. 31, 1916	65,595	65,253	[3] 2,066,166	[3] 32,890	342	2,329,475	[4] 94,441	[4] 40.8	55,193
1918	67,936	67,563	[5] 2,223,246	[5] 34,995	373	2,397,943	[5] 96,767	[5] 41.6	56,611
1919	68,977	68,592	[5] 2,312,634	[5] 35,789	385	2,426,889	[5] 99,001	[5] 41.9	56,290
1920	68,942	68,554	[5] 2,340,761	[5] 36,365	388	2,388,424	[5] 98,343	[5] 42.4	56,102
1921	69,122	68,733	[5] 2,385,470	[5] 36,935	389	2,378,510	[5] 98,504	[5] 42.5	56,950
1922	68,518	68,121	[5] 2,401,452	[5] 37,441	397	2,352,483	[5] 98,847	[5] 43.1	56,827
1923	69,414	69,005	[5] 2,544,115	[5] 39,177	409	2,379,131	[5] 101,318	[5] 43.8	57,159
1924	69,486	69,114	[5] 2,593,178	[5] 39,891	372	2,411,627	[5] 104,149	[5] 44.3	57,451
1925	68,092	67,713	[5] 2,586,868	[5] 40,666	379	2,414,083	[5] 105,570	[5] 44.8	56,814
1926	66,816	66,381	[5] 2,611,238	[5] 41,886	435	2,403,967	[5] 105,953	[5] 45.1	56,855
1927	65,348	64,843	[5] 2,606,171	[5] 42,798	467	2,378,800	[5] 105,846	[5] 45.5	55,729
1928	63,311	62,642	[5] 2,579,643	[5] 43,838	617	2,346,751	[5] 105,322	[5] 45.8	54,800
1929	61,257	60,572	[5] 2,550,813	[5] 44,801	621	2,323,683	[5] 105,411	[5] 46.3	53,838
1930	60,189	59,406	[5] 2,526,940	[5] 45,225	663	2,322,267	[5] 106,180	[5] 46.6	53,584
1931	58,652	57,820	[5] 2,488,861	[5] 45,764	709	2,245,904	[5] 103,422	[5] 47.0	52,096
1932	56,732	55,831	[5] 2,430,328	[5] 46,299	764	2,184,690	[5] 100,901	[5] 47.0	50,598
1933	54,228	53,302	[5] 2,348,821	[5] 46,916	789	2,072,632	[5] 96,734	[5] 47.5	47,677
1934	51,423	50,465	[5] 2,263,267	[5] 47,712	805	1,973,247	[5] 92,969	[5] 48.0	44,884
1935	49,541	48,477	[5] 2,206,201	[5] 48,367	884	1,867,381	[5] 88,677	[5] 48.3	42,426

[1] Excludes caboose cars.
[2] Figures prior to 1928 represent "number of locomotives."
[3] Class I, class II, and class III roads.
[4] Class I and class II roads.
[5] Class I roads.

No. 431.—CLASSIFICATION OF RAILWAY CARS IN SERVICE

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, 1935			
	1920	1925	1930	1934	1935	Total	Eastern district	Southern district	Western district
Freight-train cars [1]	**2,388,424**	**2,414,083**	**2,322,267**	**1,973,247**	**1,867,381**	**1,835,654**	**857,379**	**343,617**	**634,658**
Box	1,056,514	1,086,562	1,064,652	874,739	812,776	809,280	347,005	126,357	335,918
Flat	117,604	113,562	108,181	88,093	83,405	76,748	17,303	15,523	43,922
Stock	81,678	87,452	84,460	70,529	68,455	68,264	11,033	5,729	51,502
Coal	968,034	979,483	930,624	825,893	793,776	778,250	462,502	183,967	131,781
Tank	11,130	12,151	10,981	9,397	9,266	8,293	16	11	8,266
Refrigerator	60,768	49,488	41,006	29,338	26,703	26,617	1,440	4,830	20,347
Other	92,696	85,385	82,363	75,258	73,000	68,202	18,080	7,200	42,922
Steel [2]	630,150	757,065	854,864	819,673	809,612	809,612	534,556	159,940	115,116
Steel underframe [2]	886,296	1,056,125	1,118,257	974,920	908,252	908,252	313,478	157,265	437,509
Caboose cars	29,575	31,325	29,779	26,139	24,994	24,209	9,983	4,696	9,530
Passenger-train cars	**56,102**	**56,814**	**53,584**	**44,884**	**42,426**	**41,584**	**21,343**	**5,811**	**14,430**
Coaches	29,343	28,744	25,178	20,763	19,384	19,076	10,938	2,454	5,684
Combination	8,570	8,624	8,252	7,025	6,683	6,227	2,498	1,028	2,701
Emigrant	11	7	-------	-------	-------	-------	-------	-------	-------
Parlor	574	502	507	438	428	425	60	47	318
Sleeping [3]	558	377	223	139	120	120	7	3	110
Baggage and express	12,101	13,174	12,981	10,699	10,303	10,253	5,212	1,326	3,715
Postal	1,243	1,092	954	933	905	903	345	182	376
Other	3,702	4,294	5,489	4,887	4,603	4,580	2,283	771	1,526
Steel [2]	15,111	21,190	29,041	28,824	28,951	28,951	16,206	3,705	9,040
Steel underframe [2]	6,573	9,369	10,376	9,147	8,394	8,394	4,118	1,467	2,809
Company service equipment	108,485	112,592	109,527	82,593	79,584	76,955	25,073	13,258	38,624
Motor cars and trailers [2]	(4)	2,469	5,594	4,653	4,545	4,545	3,265	380	900

[1] Excludes caboose cars.
[2] Data represent class I roads only.
[3] Does not include cars owned by Pullman Co.
[4] Data not available.

Source of tables 430 and 431: Interstate Commerce Commission.

No. 432.—EMPLOYEES OF RAILWAYS: NUMBER AND COMPENSATION[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
1902	1,189,315	676,029	-------	568
1903	1,312,537	757,321	-------	577
1904	1,296,121	817,599	-------	631
1905	1,382,196	839,945	-------	608
1906	1,521,355	900,802	-------	592
1907	1,672,074	1,072,386	-------	641
1908	1,436,275	1,035,438	-------	721
June 30:				
1909	1,502,823	988,324	-------	$658
1910	1,699,420	1,143,725	-------	673
1911	1,669,809	1,208,466	-------	724
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	Class I carriers: Total hours (thousands)	Class I carriers: Total yearly compensation (1,000 dollars)	Class I carriers: Average hours per employee	Class I carriers: Average compensation: Per hour[2]	Class I carriers: 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	990,839	971,196	2,233,045	1,403,841	2,299.3	.629	1,445
1934	1,027,426	1,007,702	2,393,899	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

[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. See last paragraph of general note, p. 370, regarding current data.

No. 433.—EMPLOYEES AND THEIR COMPENSATION: CLASS I CARRIERS

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

District or class	Average number of employees: 1935	Average number of employees: 1936	Total compensation (1,000 dollars): 1935	Total compensation (1,000 dollars): 1936	Average per day or hour, straight time (dollars): 1935	Average per day or hour, straight time (dollars): 1936	Average per month total compensation (dollars): 1935	Average per month total compensation (dollars): 1936
All employees, all districts	1,010,661	1,089,957	1,671,072	1,891,134	-------	-------	-------	-------
Daily basis	86,551	87,843	229,143	238,692	8.19	8.34	221	226
Hourly basis	924,110	1,002,114	1,441,929	1,652,442	.643	.649	130	137
Eastern district	447,136	479,461	747,268	853,226	-------	-------	-------	-------
Daily basis	41,241	41,616	103,387	107,939	7.79	7.97	209	216
Hourly basis	405,895	437,845	643,881	745,287	.678	.684	132	142
Southern district	186,143	197,473	290,862	321,480	-------	-------	-------	-------
Daily basis	14,505	14,603	40,886	42,108	8.69	8.85	235	240
Hourly basis	171,638	182,870	249,976	279,372	.595	.603	121	127
Western district	377,382	413,023	632,942	716,428	-------	-------	-------	-------
Daily basis	30,805	31,624	84,870	88,645	8.49	8.60	230	234
Hourly basis	346,577	381,399	548,072	627,783	.629	.632	132	137

No. 433.—Employees and Their Compensation: Class I Carriers—Con.

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)	
	1935	1936	1935	1936	1935	1936	1935	1936
Executives, officials, and staff assistants	12,147	12,349	65,492	68,406				
Daily basis	12,147	12,349	65,492	68,406	17.07	17.45	449	462
Professional, clerical, and general	166,176	171,561	297,908	313,247				
Daily basis	37,179	37,946	89,338	92,628	7.72	7.80	200	203
Hourly basis	128,997	133,615	208,570	220,619	.643	.647	135	138
Maintenance of way and structures	208,210	227,585	221,768	253,896				
Daily basis	3,714	3,677	10,698	10,804	9.03	9.14	240	245
Hourly basis	204,496	223,908	211,070	243,092	.458	.455	86	90
Maintenance of equipment and stores	275,059	302,361	405,530	480,804				
Daily basis	9,522	9,910	27,845	29,580	8.82	8.90	244	249
Hourly basis	265,537	292,451	377,685	451,224	.637	.648	119	129
Transportation (other than train service, engine, and yard)	125,020	131,317	184,226	198,762				
Daily basis	20,206	19,861	23,821	24,036	3.47	3.52	98	101
Hourly basis	104,814	111,456	160,405	174,726	.589	.589	128	131
Transportation (yardmasters, switch tenders, and hostlers)	12,780	13,566	28,645	31,564				
Daily basis	3,783	4,100	11,949	13,238	8.76	8.83	263	269
Hourly basis	8,997	9,466	16,696	18,326	.679	.688	155	161
Transportation (train and engine service)	211,269	231,218	467,503	544,455				
Hourly basis	211,269	231,218	467,503	544,455	.838	.848	184	196

No. 434.—RECEIVERSHIPS OF RAILWAYS

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						
1908	52	9,529	24	8,009	596,359						
1909	44	10,530	5	859	78,095						
1910	39	5,257	7	735	51,428						

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

Sources: Table 433, Interstate Commerce Commission; table 434, first two columns and all data beginning with 1933, Interstate Commerce Commission; other data, The Railway Age, Chicago.

No. 435.—CAPITALIZATION OF RAILROADS: ALL REPORTING COMPANIES

NOTE.—**All amounts except "per mile of road" in millions of dollars.** Switching and terminal companies excluded beginning with 1910; their total capitalization in 1935 was $809,292,157. Figures include both operating and nonoperating railways. The gross figures include considerable amounts of securities held by the companies issuing them as well as larger amounts held by other railway companies

Year	Total capitalization				Held by railroads		Net capitalization				
	Total	Common stock	Preferred stock	Funded debt	Stock	Funded debt	Total	Per mile of road (dollars)	Stock	Funded debt	Funded debt, per cent of total
June 30, 1890	8,984	3,803	606	4,575	964	443	7,577	----------	3,445	4,132	54.5
1900	11,491	4,522	1,323	5,645	1,470	473	9,548	----------	4,375	5,172	54.2
1910	18,417	6,710	1,403	10,303	2,555	1,486	14,376	62,819	5,559	8,817	61.3
Dec. 31, 1916	21,049	7,594	1,455	12,000	2,633	2,084	16,333	66,591	6,416	9,917	60.7
1920	21,891	7,216	1,898	12,778	2,407	2,490	16,994	68,787	6,707	10,287	60.5
1921	22,292	7,275	1,800	13,216	2,402	2,807	17,083	69,816	6,673	10,409	60.9
1922	22,290	7,307	1,834	13,149	2,390	2,621	17,280	70,899	6,751	10,528	60.9
1923	22,839	7,398	1,852	13,589	2,402	2,626	17,810	73,417	6,847	10,963	61.6
1924	23,636	7,539	1,935	14,162	2,668	2,766	18,202	75,322	6,806	11,396	62.6
1925	23,644	7,602	1,937	14,105	2,654	2,800	18,190	74,460	6,885	11,305	62.1
1926	23,677	7,560	1,925	14,192	2,654	2,789	18,234	74,398	6,831	11,403	62.5
1927	23,615	7,683	1,980	13,952	2,907	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	24,343	8,030	2,049	14,264	2,968	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	76,957	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

No. 436.—RAILWAY STOCK OUTSTANDING, DIVIDENDS, AND INTEREST

NOTE.—Data relate to years ending June 30 prior to 1916 and to calendar years thereafter. Nonoperating as well as operating roads are included. Switching and terminal roads are excluded 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.)	Per cent paying dividends	Amount declared (1,000 dolls.)	Per cent on stock paying dividends	Per cent on all stock outstanding	
1891–1895	----------	1,737,048	----------	94,093	5.42	----------	243,013
1896–1900	----------	1,977,832	----------	104,295	5.27	----------	249,548
1901–1905	----------	3,505,694	----------	199,752	5.70	----------	285,755
1906–1910	----------	4,930,368	----------	339,685	6.89	----------	363,470
1911–1915	8,561,050	5,595,888	65.36	401,944	7.18	4.70	436,178
1913	8,599,993	5,780,982	66.14	369,078	6.37	4.22	434,753
1914	8,654,215	5,667,073	64.39	451,653	7.97	5.13	442,595
1915	8,635,319	5,219,847	60.45	328,478	6.29	3.80	464,186
1916	8,755,404	5,430,123	62.02	366,561	6.75	4.19	481,426
1917	9,003,797	5,610,774	62.32	381,852	6.81	4.24	474,123
1918	8,846,717	5,138,851	58.09	339,186	6.60	3.83	468,286
1919	8,883,125	5,298,321	59.64	335,242	6.33	3.77	476,075
1920	8,843,100	5,075,040	57.39	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

Source of tables 435 and 436: Interstate Commerce Commission.

No. 437.—RAILWAY SECURITIES ACTUALLY OUTSTANDING

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:								
1920	20,098,046	7,881,150	3,004,582	9,212,314	16,855,230	537,113	107,269	2,598,434
1925	21,734,096	8,527,168	3,444,426	9,762,502	18,098,164	437,022	86,157	3,112,753
1930	22,782,889	9,128,919	3,658,575	9,995,395	19,006,276	349,079	64,814	3,362,720
1934	22,412,057	9,307,398	3,499,965	9,604,694	18,787,662	327,088	56,832	3,240,475
1935	22,079,551	9,210,379	3,401,012	9,468,160	18,530,040	300,476	53,426	3,195,609
Stock:								
1920	8,843,100	3,474,212	1,166,809	4,202,079	7,209,735	286,688	67,247	1,279,430
1925	9,413,101	3,771,338	1,324,472	4,317,291	7,633,456	253,208	56,452	1,469,985
1930	10,011,538	4,290,108	1,461,628	4,259,802	8,267,129	207,556	45,068	1,491,785
1934	9,958,550	4,331,703	1,436,317	4,190,530	8,225,836	212,732	40,105	1,479,877
1935	9,925,202	4,325,471	1,431,397	4,168,334	8,218,994	194,922	38,217	1,473,069
Funded debt:								
1920	11,254,946	4,406,938	1,837,773	5,010,235	9,645,495	250,425	40,022	1,319,004
1925	12,320,995	4,755,830	2,119,954	5,445,211	10,464,708	183,814	29,705	1,642,768
1930	12,771,351	4,838,811	2,196,947	5,735,593	10,739,147	141,523	19,746	1,870,935
1934	12,453,507	4,975,695	2,063,648	5,414,164	10,561,826	114,356	16,727	1,760,598
1935	12,154,349	4,884,908	1,969,615	5,299,826	10,311,046	105,554	15,209	1,722,540
1935								
Common stock	7,907,471	3,656,513	1,230,853	3,020,105	6,359,004	181,436	37,180	1,329,851
Preferred stock	2,017,731	668,958	200,544	1,148,229	1,859,990	13,486	1,037	143,218
Mortgage bonds	9,632,740	3,768,520	1,592,352	4,271,868	7,930,670	99,379	13,882	1,588,809
Collateral trust bonds	851,527	495,471	160,175	195,881	796,997	1,281	401	52,848
Income bonds	310,663	12,523	9,380	288,760	288,341	1,015	632	20,675
Miscellaneous obligations	820,561	356,142	75,091	389,328	770,658	3,160	294	46,449
Equipment obligations	538,858	252,252	132,617	153,989	524,380	719	--------	13,759

No. 438.—PROPERTY INVESTMENT, INCOME, INTEREST, AND DIVIDENDS: REPORTED BY OPERATING ROADS

NOTE.—**All figures, except as indicated, in thousands of dollars.** Investment is as reported by the carrier and should not be confused with the tentative valuation fixed by the Interstate Commerce Commission. It relates only to railway property, but includes leased lines, which are not included, however, under the other columns. All data exclude switching and terminal companies

Year ended—	Investment [1]	Investment per mile of road	Net railway operating income	Return on investment	Other income	Interest, rents, and other deductions	Dividends declared
		Dollars		*Percent*			
June 30, 1908	13,213,767	61,779	634,794	4.80	246,420	485,311	329,062
1910 [2]	14,557,816	64,382	805,097	5.53	222,915	511,417	351,202
Dec. 31, 1916	17,842,777	74,466	1,058,506	5.93	213,324	623,180	311,876
1918	18,984,756	78,820	646,223	3.40	(4)	[3] 667,588	279,929
1919	19,300,121	79,974	454,132	2.35	(4)	[3] 630,559	281,569
1920	19,849,320	81,954	12,101	.06	(4)	[3] 640,516	275,348
1921	20,329,224	84,530	601,139	2.96	[3] 375,001	[3] 662,375	403,991
1922	20,580,168	86,004	769,411	3.74	[3] 265,033	[3] 655,647	275,722
1923	21,372,858	89,619	974,918	4.56	[3] 260,655	[3] 667,616	353,127
1924	22,182,267	93,233	984,463	4.44	[3] 269,188	[3] 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	1,077,843	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	325,332	1.25	226,092	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

[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. No allowance is made for cash and material and supplies, and no deduction is made for depreciation.

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

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

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

Source of tables 437 and 438: Interstate Commerce Commission.

No. 439.—FREIGHT TRAFFIC: TRAIN AND CAR MOVEMENT

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

Class and year or yearly average	Train-miles (thousands)	Car-miles (thousands)		Tons of revenue freight		Freight revenue		Average miles per car per day
		Loaded (revenue and nonrevenue)	Empty	Per train	Per loaded car	Per train-mile (dollars)	Per loaded car-mile (cents)	
All roads:								
1891–1895	467,299	----------	----------	184	--------	1.62	--------	--------
1896–1900	489,723	----------	----------	229	--------	1.76	--------	--------
1901–1905	519,896	9,631,628	4,320,390	304	17.4	2.35	--------	--------
1906–1910	603,105	11,754,421	5,234,008	359	19.5	2.72	--------	--------
1911–1915	608,512	13,369,203	6,169,216	432	20.7	3.19	--------	--------
1916–1920	617,430	15,444,150	6,904,625	604	25.3	[1] 5.30	--------	--------
1921–1925	577,844	15,243,111	8,096,532	621	24.6	[1] 7.28	--------	--------
1926–1930	586,389	17,357,165	10,330,175	700	24.5	[1] 7.67	--------	--------
1931–1935	396,917	11,419,604	7,283,037	625	23.2	[1] 6.46	--------	--------
1913	[2] 643,841	[2] 14,271,944	[2] 6,120,861	[2] 445	[2] 21.1	[2] 3.24	--------	--------
1914	607,872	13,686,818	6,531,274	447	21.1	[2] 3.31	--------	--------
1915	552,004	12,939,535	6,594,287	476	21.1	[2] 3.47	[2] 15.5	--------
1916	632,304	15,855,103	6,779,225	552	22.8	[2] 3.93	[2] 16.3	--------
1917	646,402	15,911,203	6,780,872	588	24.8	[1] 4.27	[1] 17.7	--------
1918	628,436	14,995,557	7,167,144	621	27.0	[1] 5.33	[1] 22.9	--------
1919	560,499	14,273,422	6,531,570	623	25.4	[1] 6.14	[1] 24.8	[1] 23.0
1920	619,507	15,336,778	7,264,316	639	26.7	[1] 6.81	[1] 28.1	[1] 25.1
1921	519,817	12,449,086	7,309,192	567	24.6	[1] 7.38	[1] 31.4	[1] 22.4
1922	544,486	13,926,355	6,798,121	599	24.3	[1] 7.19	[1] 28.6	[1] 23.5
1923	631,167	16,374,750	8,536,002	632	25.2	[1] 7.19	[1] 28.1	[1] 27.8
1924	590,879	15,859,163	8,519,637	634	24.5	[1] 7.22	[1] 27.3	[1] 26.8
1925	602,873	16,836,710	9,319,706	663	24.6	[1] 7.41	[1] 26.9	[1] 28.5
1926	622,295	17,759,004	10,154,842	689	25.0	[1] 7.58	[1] 27.0	[1] 30.4
1927	598,435	17,390,777	10,298,061	690	24.6	[1] 7.59	[1] 26.6	[1] 30.3
1928	589,616	17,757,670	10,487,254	706	24.3	[1] 7.77	[1] 26.3	[1] 31.2
1929	598,343	18,169,092	10,805,302	718	24.5	[1] 7.86	[1] 26.4	[1] 32.3
1930	523,255	15,709,284	9,905,415	699	24.3	[1] 7.56	[1] 25.8	[1] 28.7
1931	446,261	13,087,643	8,472,144	653	23.4	[1] 6.98	[1] 24.6	[1] 24.5
1932	368,658	10,231,344	6,642,756	585	22.6	[1] 6.26	[1] 23.6	[1] 19.8
1933	368,666	10,540,396	6,773,651	619	23.3	[1] 6.32	[1] 23.2	[1] 21.3
1934	397,150	11,410,710	7,347,667	624	23.2	[1] 6.23	[1] 22.7	[1] 24.2
1935	403,851	11,827,925	7,178,969	646	23.5	[1] 6.51	[1] 23.2	[1] 25.8
Class I roads, total:								
1916–1920	604,422	15,156,421	6,836,894	613	25.4	5.30	21.9	--------
1921–1925	567,286	14,988,046	8,032,691	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
1933	362,775	10,494,078	6,743,372	633	25.5	6.32	23.2	21.3
1934	391,005	11,359,267	7,313,330	637	25.5	6.23	22.7	24.2
1935	397,903	11,778,169	7,145,348	659	25.8	6.51	23.2	25.8
1936	486,341	13,954,297	8,160,035	698	24.3	6.79	23.7	30.7
Eastern district:								
1926–1930	219,468	6,956,068	4,125,220	818	28.1	8.92	28.6	26.4
1931–1935	143,110	4,511,567	2,867,127	757	26.6	7.81	25.4	19.5
1933	134,630	4,222,329	2,716,352	748	26.5	7.60	24.9	18.1
1934	141,777	4,442,605	2,855,647	765	27.0	7.63	25.0	20.1
1935	142,319	4,578,589	2,738,329	792	27.2	8.10	25.8	21.0
1936	166,651	5,295,961	3,054,533	829	26.1	8.43	26.5	25.1
Southern district:								
1926–1930	122,815	3,314,113	2,127,953	738	30.5	6.65	25.3	36.0
1931–1935	82,472	2,218,915	1,479,345	704	29.9	6.05	23.7	26.3
1933	77,185	2,091,759	1,409,073	708	29.9	6.05	23.6	24.7
1934	82,244	2,217,318	1,490,001	709	30.1	5.93	23.1	27.6
1935	82,881	2,297,157	1,435,028	737	30.3	6.23	23.6	29.8
1936	100,550	2,726,326	1,644,902	779	28.7	6.47	23.9	35.7
Western district:								
1926–1930	234,381	6,992,814	4,014,202	606	24.0	7.08	24.8	33.4
1931–1935	165,190	4,639,825	2,903,589	511	22.3	5.57	21.5	26.2
1933	150,960	4,179,990	2,617,947	503	22.3	5.41	21.4	23.7
1934	166,984	4,699,344	2,967,682	503	22.1	5.28	20.4	27.9
1935	172,703	4,902,423	2,971,991	521	22.6	5.43	20.7	29.9
1936	219,140	5,932,010	3,460,600	560	20.7	5.69	21.0	35.5

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

Source: Interstate Commerce Commission. See last paragraph of general note, p. 370, regarding current data.

No. 440.—FREIGHT TRAFFIC: TONNAGE AND REVENUE

NOTE.—Figures before 1916 relate to years ended June 30; thereafter to calendar years. Switching and terminal roads excluded beginning with 1908. For certain principal items for individual years, 1890 to 1900, see 1932 Statistical Abstract, table 410, p. 381. 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	2,216,318	375,468	--------	1,455,688	304.96	169.41	4,377,618	1.166
1926–1930	1,364,607	2,481,018	430,310	--------	1,657,292	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
1904	714,375	1,309,899	174,522	--------	829,476	244.30	133.23	1,379,003	.780
1905	784,920	1,427,732	186,463	--------	861,396	237.56	130.60	1,450,773	.766
1906	896,159	1,631,374	215,878	--------	982,401	240.89	132.33	1,640,387	.748
1907	977,489	1,796,337	236,601	--------	1,052,119	242.05	131.71	1,823,652	.759
1908	869,798	1,532,982	218,382	--------	974,654	253.94	143.83	1,655,419	.754
1909	881,334	1,556,560	218,803	--------	953,986	251.10	141.87	1,677,614	.763
1910	1,026,492	1,849,900	255,017	--------	1,071,086	259.68	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	168.60	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	--------	1,581,556	304.44	168.12	4,437,380	1.132
1925	1,351,155	2,463,725	417,418	--------	1,613,862	308.93	169.43	4,648,364	1.114
1926	1,439,612	2,627,492	447,444	--------	1,732,295	310.81	170.29	4,905,981	1.096
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	436,087	--------	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	1,694,075	311,073	--------	1,196,960	329.23	183.62	3,302,324	1.062
1932	678,854	1,229,078	235,309	--------	908,296	346.63	191.45	2,485,475	1.056
1933	733,391	1,322,463	250,651	--------	972,262	341.77	189.53	2,528,968	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
Class I roads:									
1926–1930	1,279,197	2,341,062	427,234	468,347	1,782,344	333.99	182.50	4,600,341	1.077
1931–1935	758,855	1,365,784	268,635	295,021	1,118,250	354.56	196.69	2,719,977	1.013
1933	698,943	1,258,823	249,223	273,153	1,035,707	356.6	198.0	2,488,848	.999
1934	765,296	1,369,733	268,711	295,975	1,124,542	351.1	196.2	2,629,302	.978
1935	789,627	1,427,042	282,037	310,484	1,185,368	357.2	197.6	2,786,118	.988
1936	958,830	1,712,975	339,246	373,624	1,432,154	353.8	198.0	3,302,894	.974
Eastern district:									
1933	305,305	650,091	104,562	112,943	1,760,002	342.5	160.8	1,062,290	1.016
1934	344,052	714,659	112,261	121,143	1,900,572	326.3	157.1	1,120,243	.998
1935	349,217	740,928	116,629	125,530	1,984,121	334.0	157.4	1,192,014	1.022
1936	417,032	885,023	138,202	148,341	2,359,287	331.4	156.2	1,404,528	1.016
Southern district:									
1933	171,791	253,681	58,934	63,790	1,288,375	343.1	232.3	503,276	.854
1934	184,608	271,955	62,367	67,829	1,373,561	337.8	229.3	521,053	.835
1935	190,814	282,743	65,152	70,655	1,441,860	341.4	230.4	549,995	.844
1936	230,562	342,222	78,314	85,593	1,744,142	339.7	228.8	650,429	.831
Western district:									
1933	221,847	355,051	85,727	96,420	632,777	386.4	241.5	923,282	1.077
1934	236,636	383,119	94,083	107,003	699,610	397.6	245.6	988,006	1.050
1935	249,596	403,371	100,256	114,299	748,378	401.7	248.5	1,044,109	1.041
1936	311,236	485,730	122,730	139,690	920,020	394.3	252.7	1,247,937	1.017

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

Source: Interstate Commerce Commission. See last paragraph of general note, p. 370, regarding current data.

No. 441.—REVENUE AND TRAFFIC BY MONTHS: Class I Carriers

NOTE.—Except at times of general revisions in freight rates changes in freight revenue are closely parallel to those of ton-mileage. Data, except as indicated, 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)													
1913[1]	460.9	247.0	229.9	245.9	242.3	262.1	258.9	266.3	279.6	283.4	296.3	266.6	252.4
1914[1]	244.0	231.3	207.1	247.5	235.4	237.7	249.3	256.0	267.1	269.6	266.6	233.8	226.3
1915[1]	256.6	214.1	205.1	231.5	231.0	237.9	249.5	259.2	273.1	287.2	303.7	299.1	288.1
1916[1]	302.1	260.9	262.8	290.2	282.0	301.0	300.0	303.2	327.2	325.3	338.7	322.7	311.1
1917[1]	337.4	300.8	265.4	317.1	319.3	345.9	349.7	348.4	366.2	358.8	382.5	357.3	337.1
1918[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	465.9	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	450.1	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	462.6
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	300.5	308.3	313.4	321.0	330.7	349.7	350.6	357.2	391.5	358.5	372.3
FREIGHT REVENUE (millions of dollars)													
1923	385.3	366.9	326.7	398.6	386.1	405.3	387.1	379.2	402.0	390.8	441.4	395.8	344.0
1924	362.3	333.3	352.6	371.5	342.8	344.7	323.2	340.0	358.4	399.1	438.9	380.9	362.1
1925	379.4	350.6	336.8	360.6	347.0	359.2	366.0	377.4	403.2	419.6	450.5	402.4	379.4
1926	401.4	347.7	340.6	401.7	370.4	385.3	397.6	409.3	429.3	444.7	472.1	433.2	384.6
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	276.9	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	275.7	241.2	245.1	251.8	256.3	262.7	268.5	283.9	283.6	291.8	326.1	298.2	299.2
PASSENGER REVENUE (millions of dollars)													
1928	75.2	78.6	69.5	70.6	71.1	70.4	81.8	82.8	85.2	80.2	69.7	65.3	76.7
1929	72.8	75.0	68.4	71.9	67.5	68.9	79.3	79.6	84.3	75.8	66.2	62.5	74.5
1930	60.8	70.5	61.3	61.8	59.6	60.4	67.2	65.8	67.4	59.1	52.4	48.7	55.4
1931	45.9	53.3	46.5	47.1	47.3	47.0	51.0	50.3	49.2	44.8	38.2	35.9	40.6
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	30.4	34.8	39.2	39.3	36.4	33.9	32.1	39.3
FREIGHT TON-MILES (millions)[2]													
1923	38,133	37,707	32,628	39,222	38,321	39,598	38,001	38,518	40,344	39,461	42,210	38,158	33,427
1924	35,803	34,510	35,982	36,426	31,926	33,915	31,968	33,185	36,457	39,064	43,134	38,067	35,006
1925	38,007	37,026	33,570	35,332	33,571	37,126	35,854	37,944	41,709	41,305	44,054	40,775	37,856
1926	40,725	37,680	35,405	38,669	36,300	39,834	39,252	41,717	43,734	44,346	48,296	43,360	40,116
1927	39,559	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	37,423	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	31,089	27,858	29,153	27,992	28,145	29,894	28,760	31,144	32,076	33,049	37,148	33,865	33,980

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

Source: Interstate Commerce Commission. See last paragraph of general note, p. 370, regarding current data.

No. 442.—PASSENGERS CARRIED AND PASSENGER REVENUE

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

Class and year or yearly average	Passengers carried (thousands)	Passengers carried 1 mile (millions)	Average journey per passenger (miles)	Passenger train-miles (thousands)	Passenger train car-miles (thousands)	Passenger revenue (thousand dollars)	Passenger service train revenue per train-mile	Revenue per passenger per mile (cts.)	Average passengers per train
All roads:									
1891–1895	546,762	13,383	24.48	321,031	----------	281,415	$1.05	2.10	42
1896–1900	520,459	13,863	26.64	345,457	----------	279,900	.99	2.02	39
1901–1905	681,261	20,737	30.44	423,244	----------	416,609	1.11	2.01	45
1906–1910	885,003	28,683	32.41	509,868	----------	566,815	1.26	1.98	53
1911–1915	1,018,804	33,768	33.14	587,501	3,264,399	672,792	1.32	1.99	54
1916–1920	1,152,566	42,548	36.92	560,364	3,416,933	1,021,536	[1] 2.13	2.40	[1] 72
1921–1925	982,320	36,869	37.53	571,455	3,603,117	1,112,634	[1] 2.47	3.02	[1] 65
1926–1930	801,503	31,846	39.73	569,310	3,818,089	908,341	[1] 2.15	2.85	[1] 56
1931–1935	483,006	18,375	38.04	410,509	2,745,969	392,869	[1] 1.38	2.14	[1] 45
1908	890,010	29,083	32.86	505,946	2,705,660	566,833	1.27	1.94	54
1909	891,472	29,109	32.85	506,011	2,746,511	563,609	1.27	1.93	54
1910	971,683	32,338	33.50	549,015	2,998,171	628,992	1.30	1.94	56
1911	997,410	33,202	33.48	572,929	3,136,774	657,638	1.31	1.97	55
1912	1,004,081	33,132	33.18	585,854	3,235,634	660,373	1.29	1.99	53
1913	1,043,603	34,673	33.31	[2] 593,061	[2] 3,320,488	[2] 695,988	[2] 1.36	[2] 2.01	[2] 55
1914	1,063,249	35,357	33.25	605,212	3,399,604	703,484	[2] 1.34	1.99	[2] 56
1915	985,676	32,475	32.95	580,448	3,229,496	646,475	[2] 1.31	1.99	[2] 53
1916	1,048,987	35,220	33.58	595,441	3,409,639	722,359	[2] 1.44	2.05	[2] 56
1917	1,109,943	40,100	36.13	593,338	3,485,788	840,910	[1] 1.69	2.10	[1] 65
1918	1,122,963	43,212	38.48	544,327	3,276,489	1,046,166	[1] 2.23	2.42	[1] 76
1919	1,211,022	46,838	38.68	553,147	3,446,787	1,193,431	[1] 2.46	2.55	[1] 82
1920	1,269,913	47,370	37.30	574,826	3,618,617	1,304,815	[1] 2.78	2.76	[1] 80
1921	1,061,131	37,706	35.53	568,242	3,503,514	1,166,252	[1] 2.51	3.09	[1] 67
1922	989,509	35,811	36.19	553,919	3,445,869	1,087,516	[1] 2.50	3.04	[1] 65
1923	1,008,538	38,294	37.97	573,938	3,616,342	1,158,925	[1] 2.56	3.03	[1] 67
1924	950,459	36,368	38.26	579,384	3,676,746	1,085,672	[1] 2.41	2.99	[1] 63
1925	901,963	36,167	40.10	581,792	3,773,114	1,064,806	[1] 2.37	2.94	[1] 63
1926	874,589	35,673	40.79	584,972	3,862,610	1,049,210	[1] 2.33	2.94	[1] 61
1927	840,030	33,798	40.23	578,355	3,850,116	980,528	[1] 2.23	2.90	[1] 59
1928	798,476	31,718	39.72	570,038	3,815,337	905,271	[1] 2.13	2.85	[1] 56
1929	786,432	31,165	39.63	568,095	3,870,903	875,929	[1] 2.18	2.81	[1] 55
1930	707,987	26,876	37.96	545,091	3,691,480	730,766	[1] 1.85	2.72	[1] 49
1931	599,227	21,933	36.60	485,538	3,274,812	551,726	[1] 1.61	2.52	[1] 45
1932	480,718	16,997	35.36	419,088	2,743,437	377,511	[1] 1.33	2.22	[1] 40
1933	434,848	16,368	37.64	380,435	2,496,969	329,816	[1] 1.27	2.02	[1] 43
1934	452,176	18,069	39.96	381,611	2,574,329	346,870	[1] 1.33	1.92	[1] 47
1935	448,059	18,509	41.31	385,874	2,640,297	358,423	[1] 1.35	1.94	[1] 47
Class I roads:									
1916–1920	1,114,055	41,989	37.69	556,495	3,406,925	1,005,690	2.13	2.40	72
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
1932	478,800	16,971	35.44	414,383	2,735,614	376,539	1.33	2.22	40
1933	432,980	16,341	37.74	376,093	2,490,051	328,957	1.27	2.01	43
1934	449,775	18,033	40.09	377,368	2,567,569	345,890	1.33	1.92	47
1935	445,872	18,476	41.44	381,747	2,633,758	357,493	1.35	1.93	47
1936	490,091	22,421	45.75	404,676	2,810,757	412,144	1.46	1.84	55
Eastern district:									
1933	316,983	9,497	29.96	164,981	1,126,870	197,166	1.62	2.08	57
1934	321,407	9,934	30.91	164,072	1,132,256	206,180	1.68	2.08	60
1935	318,885	9,777	30.66	162,586	1,129,165	207,556	1.69	2.12	60
1936	351,856	11,841	33.65	169,442	1,192,292	232,375	1.82	1.96	70
Southern district:									
1933	43,467	2,020	46.48	64,965	413,730	38,851	.97	1.92	30
1934	50,964	2,506	49.17	65,996	440,675	44,751	1.08	1.79	37
1935	47,527	2,609	55.01	67,833	458,470	46,429	1.09	1.78	38
1936	53,074	3,133	59.04	70,508	483,448	55,328	1.22	1.77	44
Western district:									
1933	72,530	4,824	66.51	146,147	949,451	92,940	1.03	1.93	32
1934	77,404	5,593	72.26	147,300	994,638	94,959	1.06	1.70	37
1935	79,560	6,090	76.54	151,328	1,046,123	103,508	1.09	1.70	39
1936	85,161	7,447	87.44	164,726	1,135,017	124,441	1.20	1.67	45

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

Source: Interstate Commerce Commission. See last paragraph of general note, p. 370, regarding current data.

No. 443.—REVENUES, EXPENSES, AND INCOME OF OPERATING COMPANIES

NOTE.—Data relate to years ended June 30 prior to 1916, to calendar years thereafter. The method of calculating net revenue and net operating income is more fully shown in table 444. Switching and terminal companies are excluded beginning with 1908; operating revenues of switching and terminal companies, 1934, $61,910,000; 1935, $68,560,000; operating expenses, 1934, $44,960,000; 1935, $48,224,000. For certain principal items for individual years 1890 to 1900, see 1932 Statistical Abstract, table 411

Class and year or yearly average	Average miles of line (first track) operated	Income account items (thousands of dollars)					Per mile of line		Per cent operating expenses of revenues
		Operating revenues	Operating expenses	Net revenue from operations	Tax accruals	Net railway operating income	Operating revenues	Net revenue from operations	
All roads:									
1891–1895	169,378	1,127,531	759,588	367,942	34,915	333,027	$6,657	$2,172	67.37
1896–1900	186,001	1,264,048	832,377	431,671	41,970	389,701	6,796	2,321	65.85
1901–1905	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	123,345	729,172	12,164	3,578	70.61
1916–1920	258,295	4,870,468	3,971,453	899,015	227,680	624,304	18,856	3,481	81.54
1921–1925	257,932	6,003,699	4,684,135	1,319,563	328,822	899,332	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
1905	216,974	2,082,482	1,390,602	691,880	58,712	633,168	9,598	3,189	66.78
1906	222,340	2,325,765	1,536,877	788,888	69,064	719,824	10,460	3,548	66.08
1907	227,455	2,589,106	1,748,516	840,590	73,743	766,846	11,383	3,696	67.53
1908	227,257	2,440,639	1,710,402	730,237	78,674	634,794	10,740	3,213	70.08
1909	232,981	2,473,205	1,650,034	823,171	85,140	710,474	10,615	3,533	66.72
1910	236,987	2,812,142	1,881,879	930,263	98,035	805,097	11,866	3,925	66.92
1911	243,434	2,852,855	1,976,332	876,523	102,657	744,669	11,719	3,601	69.28
1912	246,829	2,906,416	2,035,058	871,358	113,819	727,458	11,775	3,530	70.02
1913	[1] 242,657	[1] 3,193,118	[1] 2,235,923	[1] 957,195	[1] 122,005	[1] 805,266	[1] 13,159	[1] 3,945	[1] 70.02
1914	254,775	3,127,730	2,280,416	847,314	140,470	674,190	12,276	3,326	72.91
1915	256,214	2,956,193	2,088,683	867,510	137,775	694,276	11,538	3,386	70.65
1916	257,325	3,691,065	2,426,251	1,264,815	161,825	1,058,506	14,344	4,915	65.73
1917	258,913	4,115,413	2,906,283	1,209,130	218,632	950,557	15,895	4,670	70.62
1918	258,263	4,985,290	4,071,522	913,768	229,533	646,223	19,303	3,538	81.67
1919	257,949	5,250,420	4,498,817	751,603	239,136	454,132	20,354	2,914	85.68
1920	259,026	6,310,151	5,954,394	355,757	289,272	12,101	24,361	1,373	94.36
1921	258,089	5,632,665	4,668,998	963,667	283,163	601,139	21,825	3,734	82.89
1922	257,195	5,674,483	4,509,991	1,164,492	308,145	769,411	22,063	4,528	79.48
1923	257,625	6,419,210	4,999,383	1,419,827	339,577	974,918	24,917	5,511	77.88
1924	258,104	6,045,252	4,608,807	1,436,445	347,437	984,463	23,422	5,565	76.24
1925	258,646	6,246,883	4,633,497	1,613,386	365,790	1,136,728	24,152	6,238	74.17
1926	258,295	6,508,679	4,766,235	1,742,444	396,538	1,229,020	25,199	6,746	73.23
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
Class I roads:									
1921–1925	235,302	5,881,855	4,583,425	1,298,431	321,536	883,599	24,997	5,518	77.92
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
1933	240,631	3,095,404	2,249,232	846,172	249,623	474,296	12,864	3,516	72.66
1934	238,951	3,271,567	2,441,823	829,744	239,625	462,652	13,691	3,472	74.64
1935	237,932	3,451,929	2,592,741	859,188	236,945	499,819	14,508	3,611	75.11
1936	236,878	4,052,734	2,931,425	1,121,309	319,753	667,347	17,109	4,734	72.33
Eastern district:									
1933	59,410	1,389,133	1,006,545	382,588	104,528	213,699	23,382	6,440	72.46
1934	59,067	1,459,598	1,086,856	372,742	101,229	206,649	24,711	6,310	74.46
1935	58,781	1,536,014	1,140,102	395,912	98,790	235,123	26,131	6,735	74.22
1936	58,578	1,787,658	1,295,062	492,596	139,432	289,068	30,518	8,409	72.44
Southern district:									
1933	45,743	583,066	399,751	183,315	47,207	127,811	12,747	4,007	68.56
1934	45,405	611,012	432,328	178,684	47,127	121,253	13,457	3,935	70.76
1935	45,186	644,018	462,904	181,114	49,828	124,159	14,253	4,008	71.88
1936	44,901	756,585	505,023	251,562	66,062	177,302	16,850	5,603	66.75
Western district:									
1933	135,478	1,123,205	842,936	280,269	97,888	132,786	8,291	2,069	75.05
1934	134,479	1,200,957	922,639	278,318	91,269	134,750	8,930	2,070	76.82
1935	133,965	1,271,897	989,735	282,162	88,327	140,537	9,494	2,106	77.82
1936	133,399	1,508,491	1,131,340	377,151	114,259	200,977	11,308	2,827	75.00

[1] Class I and class II roads.

Source: Interstate Commerce Commission. See last paragraph of general note, p. 370, regarding current data.

No. 444.—INCOME ACCOUNT OF CLASS I CARRIERS: OPERATING ROADS

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

Item	1921–1925 (average)	1926–1930 (average)	1931–1935 (average)	1933	1934	1935	1936[1]
Revenues	5,881,856	6,038,339	3,426,801	3,095,404	3,271,567	3,451,929	4,052,734
Freight	4,277,134	4,600,341	2,719,977	2,488,848	2,629,302	2,786,118	3,308,541
Passenger	1,100,603	903,748	391,826	328,957	345,890	357,493	412,379
Mail	94,900	111,887	95,530	91,871	91,140	92,052	95,575
Express	137,886	139,570	57,948	45,640	54,013	53,328	60,187
All other transportation	129,878	136,665	81,230	71,667	75,324	82,535	86,894
All other	141,455	146,128	80,291	68,421	75,898	80,403	89,158
Expenses	4,583,425	4,421,699	2,582,163	2,249,232	2,441,823	2,592,741	2,931,425
Maintenance, way, etc	781,577	826,826	392,669	322,286	365,300	393,967	454,810
Maintenance, equipment	1,297,802	1,178,252	670,879	598,709	637,906	681,887	783,000
Traffic	93,919	123,608	96,544	85,817	89,249	94,212	100,128
Transportation	2,194,358	2,054,865	1,235,538	1,074,932	1,160,582	1,249,389	1,405,457
All other	215,769	238,148	186,533	167,488	188,785	173,286	188,030
Net revenue from railway operations	1,298,431	1,616,640	844,637	846,172	829,744	859,188	1,121,309
Deduct—							
Tax accruals	321,536	379,941	260,971	249,623	239,625	236,945	319,753
Uncollectible revenues	1,895	1,427	1,099	1,208	1,166	1,203	(2)
Equipment rents	67,659	91,786	88,963	85,008	89,849	85,663	94,458
Joint facility rents	23,742	28,583	35,866	36,037	36,452	35,558	39,751
Net railway operating income	883,599	1,114,903	457,739	474,296	462,652	499,819	667,347

Item	Eastern district			Southern district			Western district		
	1934	1935	1936[1]	1934	1935	1936[1]	1934	1935	1936[1]
Revenues	1,459,598	1,536,014	1,787,658	611,011	644,018	756,585	1,200,957	1,271,897	1,508,491
Freight	1,120,243	1,192,014	1,404,528	521,052	549,996	650,429	988,006	1,044,109	1,253,584
Passenger	206,180	207,556	232,375	44,751	46,429	55,328	94,959	103,508	124,676
Mail	35,157	35,372	36,621	15,995	16,270	16,819	39,988	40,410	42,135
Express	22,291	22,004	24,900	10,742	11,374	12,172	20,980	19,950	23,115
All other transportation	38,771	40,509	44,691	7,197	8,121	9,038	29,357	33,904	33,165
All other	36,955	38,558	44,543	11,275	11,828	12,799	27,668	30,017	31,816
Expenses	1,086,855	1,140,102	1,295,062	432,328	462,904	505,023	922,639	989,735	1,131,340
Maintenance, way, etc	144,737	151,043	176,041	70,506	75,083	80,962	150,056	167,841	197,807
Maintenance, equipment	284,698	300,310	356,959	121,358	133,225	144,072	231,849	248,352	281,969
Traffic	33,778	35,505	37,208	17,147	18,059	19,377	38,324	40,648	43,543
Transportation	541,290	574,376	640,502	194,201	208,523	230,341	425,092	466,489	534,614
All other	82,352	78,868	84,352	29,116	28,014	30,271	77,318	66,405	73,407
Net revenue from railway operations	372,742	395,912	492,596	178,684	181,115	251,562	278,318	282,161	377,151
Deduct—									
Tax accruals	101,229	98,790	139,432	47,128	49,828	66,062	91,268	88,327	114,259
Uncollectible revenues	605	656	(2)	195	130	(2)	366	418	(2)
Equipment rents	43,829	40,920	42,340	5,687	3,486	3,443	40,333	41,256	48,675
Joint facility rents	20,430	20,423	21,756	4,421	3,511	4,755	11,601	11,624	13,240
Net railway operating income	206,649	235,123	289,068	121,253	124,159	177,302	134,750	140,537	200,977

[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. See last paragraph of general note, p. 370, regarding current data.

No. 445.—TAXES AND SPECIAL ASSESSMENTS OF CLASS I CARRIERS, BY STATES

NOTE.—Data for all years exclude switching and terminal companies and include nonoperating subsidiaries. Data for 1916 include also class II carriers. Total railroad taxes, Federal and State, in 1935, by classes, were as follows: Class I and subsidiaries, $239,441,411 (including $2,074 British, $606,705 Canadian, $1 Cuban, $27 French, and $460,770 Mexican taxes); class II and subsidiaries, $3,231,133; class III and subsidiaries, $585,925; switching and terminal companies, $12,627,570; grand total $255,886,039

State	Amount (thousands of dollars)						Per mile of line (dollars)			
	1916	1920	1925	1930	1934	1935	1920	1930	1934	1935
Total	162,475	282,751	359,370	349,207	241,301	238,372	1,262	1,519	1,068	1,062
United States Government taxes	12,531	50,543	87,680	40,986	21,646	26,796	226	178	96	119
New England:										
Maine	1,026	1,725	1,977	1,908	1,188	1,232	831	963	604	630
New Hampshire	746	1,005	1,042	1,125	734	718	827	990	692	703
Vermont	491	451	453	407	444	413	608	540	594	553
Massachusetts	2,575	3,339	3,920	4,709	3,914	3,964	1,616	2,369	2,011	2,058
Rhode Island	397	585	604	687	678	664	2,996	3,933	3,585	3,570
Connecticut	1,114	1,975	2,058	1,672	1,014	711	1,977	1,737	1,043	731
Middle Atlantic:										
New York	11,724	17,861	22,613	27,378	25,453	23,685	2,271	3,491	3,256	3,039
New Jersey	7,656	11,189	17,355	20,442	18,088	17,520	5,292	9,951	9,243	8,998
Pennsylvania	9,957	9,342	11,134	12,440	8,217	9,342	945	1,235	809	923
South Atlantic:										
Delaware	153	165	182	166	159	151	493	567	542	501
Dist. of Columbia	64	79	126	144	136	138	2,291	4,178	3,775	3,937
Maryland	1,211	2,004	1,352	2,076	1,684	1,748	1,591	1,829	1,491	1,537
Virginia	3,012	4,695	5,614	7,318	5,168	5,192	1,129	1,759	1,245	1,259
West Virginia	2,355	3,879	6,046	8,109	8,626	8,229	1,195	2,193	2,428	2,318
North Carolina	1,706	2,129	4,748	5,392	3,660	3,696	552	1,399	984	994
South Carolina	1,091	1,951	2,840	3,489	2,488	2,396	623	1,106	792	763
Georgia	1,957	2,481	3,310	3,966	2,547	2,434	455	719	469	448
Florida	1,572	2,167	3,888	4,964	2,775	3,039	542	965	559	613
East North Central:										
Ohio	10,618	16,841	18,518	19,928	12,983	10,452	2,048	2,334	1,538	1,240
Indiana	5,803	9,422	11,627	13,852	6,919	6,520	1,328	2,011	1,014	956
Illinois	9,049	16,422	21,576	22,084	13,520	13,610	1,421	1,827	1,136	1,145
Michigan	4,220	7,579	7,656	10,816	5,267	5,346	1,083	1,469	752	771
Wisconsin	4,968	6,876	7,295	7,201	5,247	4,921	995	1,034	780	734
West North Central:										
Minnesota	6,445	9,753	7,965	6,778	4,095	4,291	1,151	823	502	528
Iowa	3,871	7,855	6,842	8,026	4,250	3,804	808	831	449	404
Missouri	2,258	3,359	3,716	4,284	3,430	3,336	457	566	476	471
North Dakota	2,289	4,997	4,290	4,110	2,597	2,114	969	799	505	410
South Dakota	1,635	3,718	3,161	2,696	1,757	2,191	900	644	424	532
Nebraska	2,704	4,159	4,747	4,622	3,265	3,060	677	749	535	501
Kansas	4,108	6,188	6,670	8,871	6,753	6,232	688	968	761	721
East South Central:										
Kentucky	2,018	2,184	4,246	5,373	3,421	3,552	624	1,411	936	979
Tennessee	1,718	2,584	3,107	3,629	2,391	2,558	702	1,002	671	725
Alabama	1,751	2,548	2,687	3,681	2,226	2,378	560	797	488	522
Mississippi	1,916	3,612	5,064	5,047	2,857	2,937	942	1,322	760	801
West South Central:										
Louisiana	2,235	3,788	4,578	5,098	3,873	4,087	971	1,280	989	1,046
Texas	4,656	5,098	6,514	7,614	5,970	5,487	364	494	399	367
Oklahoma	3,653	5,463	5,682	6,468	3,922	3,667	864	994	598	560
Arkansas	2,248	3,912	2,663	3,025	2,288	2,290	948	690	532	539
Mountain:										
Montana	2,781	4,284	4,728	5,178	4,466	4,460	871	1,016	879	881
Wyoming	901	1,213	1,659	1,970	1,900	1,671	686	1,071	1,034	909
Colorado	2,451	3,344	3,719	4,271	3,597	3,363	729	972	827	773
New Mexico	1,179	2,467	2,212	2,785	1,771	1,883	915	993	640	693
Arizona	1,341	1,572	2,485	3,100	3,240	3,055	776	1,403	1,569	1,491
Utah	1,123	1,856	2,161	2,404	2,331	2,243	907	1,142	1,141	1,087
Nevada	1,028	1,543	1,762	1,970	1,850	1,756	942	1,163	1,097	1,041
Idaho	1,475	3,844	2,872	3,244	2,722	2,516	1,500	1,219	1,032	962
Pacific:										
Washington	4,064	8,795	6,647	7,430	4,609	3,882	1,698	1,480	923	787
Oregon	1,492	2,722	2,736	3,064	2,490	2,413	1,060	1,119	912	782
California	5,142	7,187	12,863	13,210	6,675	6,229	1,071	1,842	928	869

Source: Interstate Commerce Commission.

No. 446.—REVENUE FREIGHT CARRIED, BY COMMODITY GROUPS

NOTE.—**All figures in thousands of tons of 2,000 pounds.** Data relate to years ended June 30 prior to 1916, to calendar years thereafter. Switching and terminal roads excluded 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	32,039	460,120	229,816	97,351	231,901	52,914
1918	1,263,344	116,051	35,777	500,769	234,027	97,256	226,077	53,387
1919	1,096,111	115,033	35,494	399,072	190,879	94,076	210,256	51,302
1920	1,255,421	110,840	26,595	489,344	222,810	100,766	251,864	53,202
1921	940,183	114,069	24,263	376,220	135,050	76,419	172,169	41,992
1922	1,023,745	111,787	26,230	351,846	181,152	89,059	220,442	43,229
1923	1,279,030	109,318	28,254	471,854	241,881	115,618	267,767	44,338
1924	1,187,296	116,587	27,747	414,499	223,083	108,094	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	104,851	296,067	39,491
1927	1,281,611	113,342	26,003	449,891	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	110,729	23,129	407,937	234,600	69,370	277,765	29,667
1931	894,186	97,487	21,632	339,536	162,367	43,025	207,366	22,773
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
Eastern district:								
1934	344,052	16,805	4,534	178,648	32,573	3,675	100,508	7,309
1935	349,217	17,112	3,960	170,302	32,789	4,093	113,787	7,174
1936	417,032	20,051	4,016	190,502	47,252	4,334	143,085	7,792
Southern district:								
1934	184,608	10,037	1,458	116,735	19,527	10,759	23,043	3,049
1935	190,814	9,373	1,370	119,789	19,937	12,744	24,535	3,066
1936	230,562	10,825	1,477	143,508	25,561	16,018	29,754	3,419
Western district:								
1934	236,636	52,463	14,371	28,117	60,780	21,216	55,702	3,987
1935	249,596	49,853	9,795	30,537	71,782	25,646	58,184	3,799
1936	311,236	55,772	10,716	35,091	99,574	32,804	72,198	5,081
II. TOTAL REVENUE FREIGHT [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
1932	1,168,289	152,784	34,514	504,111	118,226	51,813	278,384	28,457
1933	1,258,823	150,763	34,507	529,444	149,978	62,197	304,654	27,280
1934	1,369,733	150,761	39,240	575,991	168,158	64,199	344,135	27,249
1935	1,427,042	143,208	30,049	578,848	188,114	79,535	380,324	26,964
1936	1,712,975	159,523	31,689	664,148	259,025	100,439	467,857	30,294
Eastern district:								
1934	714,659	44,769	15,171	374,777	66,029	14,353	185,474	14,086
1935	740,928	43,868	12,943	368,996	73,503	17,753	209,906	13,959
1936	885,023	50,802	13,648	416,140	107,006	22,174	260,196	15,057
Southern district:								
1934	271,955	22,390	3,880	147,120	26,854	17,198	48,172	6,341
1935	282,743	21,125	2,984	150,741	27,864	21,150	52,391	6,488
1936	342,222	25,186	3,327	180,358	35,423	26,988	63,633	7,307
Western district:								
1934	383,119	83,602	20,189	54,094	75,275	32,648	110,489	6,822
1935	403,371	78,215	14,122	59,111	86,747	40,632	118,027	6,517
1936	485,730	83,535	14,714	67,650	116,596	51,277	144,028	7,930

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

Source: Interstate Commerce Commission.

No. 447.—REVENUE FREIGHT CARRIED, BY CLASSES OF COMMODITIES: CLASS I CARRIERS

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, 1936 (thousands of tons of 2,000 pounds)		
	All districts								1936					
	1920	1925	1930	1932	1933	1934	1935	1936	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**	**646,223**	**698,943**	**765,296**	**789,627**	**958,830**	**417,032**	**230,562**	**311,236**	**885,023**	**342,222**	**485,730**
Grand total, carload traffic	**1,202,219**	**1,206,655**	**1,123,530**	**630,989**	**684,592**	**750,951**	**775,588**	**942,538**	**409,241**	**227,143**	**306,154**	**869,966**	**334,916**	**477,799**
Products of agriculture, total	**110,840**	**109,313**	**110,728**	**80,917**	**81,702**	**79,305**	**76,338**	**86,648**	**20,051**	**10,825**	**55,772**	**50,803**	**25,186**	**83,534**
Wheat	23,131	21,548	25,466	19,120	16,501	16,018	15,931	16,575	3,220	562	12,793	4,752	1,532	15,773
Corn	12,689	12,680	13,986	9,544	12,310	11,427	7,806	11,398	3,995	1,589	5,814	6,379	2,289	7,824
Oats	8,615	8,450	5,184	3,400	3,353	2,501	2,923	3,229	960	325	1,944	1,823	616	2,585
Other grain	5,669	4,564	4,045	2,229	2,995	3,213	3,886	4,735	534	142	4,059	1,043	410	5,649
Flour and meal	10,952	9,901	10,546	9,319	8,997	8,932	8,649	9,191	2,590	770	5,831	8,004	2,407	8,392
Cereal foods and other mill products	8,891	9,578	10,610	6,629	6,779	7,095	6,765	8,115	2,885	726	4,504	6,538	1,972	6,504
Hay, straw, and alfalfa	7,957	5,506	3,494	1,569	1,476	2,562	1,598	1,343	449	54	840	994	391	1,084
Leaf tobacco [1]	1,081	1,138	1,008	642	680	679	647	618	63	532	23	173	915	27
Cotton	3,379	4,127	3,032	2,777	3,374	2,503	2,962	3,782	96	1,632	2,054	927	3,672	2,815
Cottonseed and products, except oil	4,573	5,849	5,065	3,146	2,483	2,402	2,075	2,662	8	1,366	1,288	327	1,915	2,363
Citrus fruits	1,404	1,363	1,734	1,965	1,823	1,818	2,017	1,988	124	581	1,283	1,953	1,885	3,744
Other fresh fruits	5,271	5,910	5,919	4,068	3,416	3,648	3,683	3,769	642	837	2,290	3,232	2,165	5,560
Potatoes, except sweet [2]	4,118	4,614	4,332	3,418	3,466	3,804	3,383	3,475	1,316	275	1,884	5,312	1,157	3,887
Other fresh vegetables	2,205	2,828	3,262	2,575	2,449	2,687	2,464	2,771	457	509	1,805	3,133	1,658	5,282
Dried fruits and vegetables	1,165	1,533	1,674	1,258	1,239	1,260	1,347	1,387	396	40	951	1,103	349	1,983
Sugar beets	9,741	9,824	6,246	5,503	6,641	4,338	4,752	5,407	161	----------	5,246	213	----------	5,624
Other products of agriculture			5,125	3,755	3,720	4,418	5,450	6,203	2,155	885	3,163	4,897	1,851	4,438
Animals and products, total	**26,595**	**26,324**	**23,129**	**18,055**	**17,651**	**20,363**	**15,125**	**16,208**	**4,016**	**1,476**	**10,716**	**13,648**	**3,327**	**14,714**
Horses and mules	936	544	440	230	281	355	347	309	22	41	246	94	147	382
Cattle and calves	9,809	9,330	6,785	4,896	4,497	7,279	4,710	4,703	569	392	3,742	1,462	569	5,212
Sheep and goats	1,344	1,224	1,385	1,085	1,008	1,059	1,010	1,027	121	51	855	393	91	1,299
Hogs	5,421	5,502	4,902	3,884	3,608	3,004	1,643	2,130	539	209	1,382	1,170	270	1,581

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

[2] "Potatoes" prior to 1930.

No. 447.—Revenue Freight Carried, by Classes of Commodities: Class I Carriers—Continued

Commodity	Revenue freight originated (thousands of tons of 2,000 pounds)											Total revenue freight carried, 1936 (thousands of tons of 2,000 pounds)		
	All districts								1936					
	1920	1925	1930	1932	1933	1934	1935	1936	Eastern district	Southern district	Western district	Eastern district	Southern district	Western district
Animals and products—Continued														
Fresh meats	2,770	2,904	2,928	2,724	2,951	3,229	2,582	2,934	806	303	1,825	3,758	828	2,161
Other packing-house products	2,206	2,139	1,970	1,632	1,585	1,584	1,081	1,108	409	172	527	1,064	664	820
Poultry	264	357	419	382	402	377	284	310	61	26	223	544	46	305
Eggs	536	591	612	424	422	403	322	332	66	21	245	534	64	394
Butter and cheese	425	686	807	735	756	771	678	663	113	33	517	1,066	132	665
Wool	293	263	354	271	336	237	339	296	138	10	148	480	43	225
Hides and leather	1,051	1,026	847	655	734	789	884	877	444	97	336	1,400	228	562
Other animals and products	1,540	1,758	1,680	1,137	1,071	1,276	1,245	1,519	728	121	670	1,683	245	1,108
Products of mines, total	**712,154**	**678,336**	**642,537**	**362,226**	**395,065**	**436,380**	**445,136**	**541,489**	**237,756**	**169,069**	**134,664**	**523,145**	**215,782**	**184,246**
Anthracite	78,100	58,260	71,252	55,681	56,467	68,630	60,644	63,647	63,314	116	217	95,951	214	536
Bituminous coal	389,349	346,346	322,150	218,197	230,837	244,735	249,413	290,737	115,875	141,677	33,185	303,106	177,309	64,503
Coke	26,895	19,798	14,536	7,346	9,173	10,136	10,572	14,719	11,314	1,715	1,630	17,083	2,835	2,610
Iron ore	84,433	72,134	59,980	5,440	26,526	27,942	34,888	54,906	2,203	1,832	50,871	36,611	2,609	52,047
Copper ore and concentrates	21,550	12,289	4,525	1,658	1,545	1,680	903	1,344	2	4	1,338	46	49	1,587
Other ores and concentrates			6,957	2,599	2,803	3,634	4,450	5,817	1,901	681	3,235	4,324	1,450	5,198
Gravel, sand, and stone [3]	98,720	145,405	112,196	47,138	36,706	46,015	46,826	61,840	18,352	13,374	30,114	23,774	16,922	36,785
Crude petroleum	6,435	11,245	6,598	2,803	4,702	3,381	3,495	3,471	664	174	2,633	872	238	4,298
Asphaltum	1,424	2,531	2,925	2,583	2,407	2,729	3,049	4,097	2,314	598	1,185	4,118	1,185	2,156
Salt	3,250	3,403	2,952	2,576	2,728	2,822	2,595	3,063	1,501	24	1,538	3,793	988	2,826
Phosphate rock, crude	6,997	6,925	5,712	2,891	3,817	4,403	5,108	5,342	50	5,196	96	235	5,605	166
Sulphur			1,934	961	1,590	1,469	1,572	2,251	249	41	1,961	443	236	2,391
Other products of mines [3]			30,820	12,353	15,764	18,804	21,621	30,255	20,017	3,637	6,601	32,789	6,142	9,143
Products of forests, total	**100,766**	**107,391**	**69,371**	**26,109**	**33,165**	**35,650**	**42,483**	**53,156**	**4,334**	**16,018**	**32,804**	**22,174**	**26,988**	**51,277**
Logs, posts, poles, piling, and cordwood	38,571	45,428	28,451	7,781	11,245	12,820	15,844	19,613	443	3,581	15,589	1,456	4,490	18,136
Ties	5,472	4,292	3,522	958	1,174	1,711	1,546	2,114	330	760	1,024	772	1,082	1,333
Pulp wood	4,992	5,826	6,524	3,309	4,142	4,719	5,047	6,145	1,078	1,853	3,214	2,252	2,887	4,387
Lumber, shingles, lath, cooperage materials, veneer, etc	48,618	49,019	27,800	12,418	14,491	14,178	17,875	22,652	1,577	8,651	12,424	15,073	16,774	26,506
Other forest products	3,112	2,826	3,074	1,643	2,113	2,222	2,171	2,632	906	1,173	553	2,621	1,755	915

Manufactures and miscellaneous, total	251, 864	285, 291	277, 765	143, 682	157, 009	179, 253	196, 506	245, 037	143, 084	29, 755	72, 198	260, 196	63, 633	144, 028
Refined petroleum and its products	29, 616	46, 273	62, 901	46, 707	45, 464	49, 666	48, 718	53, 001	20, 486	5, 969	26, 546	32, 947	11, 894	50, 819
Vegetable oils	938	1, 446	1, 602	1, 333	1, 314	1, 405	1, 524	1, 708	509	505	694	1, 448	996	1, 204
Sugar, sirup, glucose, and molasses	5, 664	5, 700	5, 659	4, 286	4, 779	5, 059	4, 895	5, 428	1, 329	813	3, 286	2, 542	2, 322	5, 963
Iron, pig [4]	16, 451	14, 577	5, 140	1, 424	2, 689	2, 548	3, 471	4, 902	3, 450	988	464	5, 375	1, 423	992
Scrap iron and steel	(5)	(5)	9, 901	3, 444	5, 993	7, 173	9, 517	12, 858	8, 591	1, 330	2, 937	13, 519	2, 171	4, 073
Iron and steel (6th class, n. o. s.)	(5)	(5)	3, 680	1, 298	2, 313	2, 597	3, 666	5, 517	5, 429	29	59	6, 807	86	139
Rails, fastenings, frogs, and switches [6]	3, 047	2, 646	1, 778	419	521	1, 032	891	1, 422	1, 035	114	273	1, 383	300	649
Iron and steel pipes and fittings [7]	27, 443	29, 144	6, 442	1, 789	1, 955	2, 708	2, 948	4, 656	3, 257	589	810	5, 774	1, 393	3, 284
Iron and steel (5th class, n. o. s.)[7]			26, 745	9, 386	13, 475	15, 526	20, 117	26, 825	23, 756	1, 152	1, 917	38, 543	3, 191	7, 324
Iron and steel nails and wire	(5)	(5)	1, 372	669	1, 040	1, 024	1, 307	1, 584	1, 147	104	333	2, 184	328	744
Copper: Ingot, matte, and pig	5, 170	5, 419	665	162	215	229	347	570	314	8	248	1, 080	32	1, 019
Lead and zinc: Ingot, pig, or bar			1, 124	592	723	833	1, 011	1, 169	463	11	695	1, 444	129	1, 314
Other metals: Pig, bar, sheet, etc			379	118	181	261	284	408	132	9	267	386	53	393
Machinery and boilers [8]	9, 391	5, 359	3, 072	1, 072	1, 122	1, 310	1, 507	2, 061	1, 493	135	433	3, 089	594	1, 120
Cement	15, 400	24, 516	23, 180	11, 201	9, 509	11, 670	11, 454	17, 236	7, 551	2, 341	7, 344	14, 886	4, 613	11, 407
Brick and artificial stone	15, 251	19, 668	12, 595	3, 574	3, 516	3, 970	4, 595	7, 254	3, 897	1, 644	1, 713	6, 963	2, 682	3, 038
Lime and plaster	4, 410	6, 830	3, 452	1, 690	1, 681	1, 844	2, 254	3, 124	1, 851	452	821	3, 470	1, 224	1, 796
Sewer pipe and drain tile	2, 165	2, 426	1, 946	624	537	716	673	879	503	145	231	1, 110	328	451
Agricultural implements and vehicles other than automobiles [9]	3, 324	2, 281	1, 657	304	353	634	1, 036	1, 291	326	101	864	808	392	1, 699
Automobiles, autotrucks, parts, tires, etc	3, 427	6, 980	6, 624	2, 317	3, 144	5, 087	6, 921	7, 737	6, 194	313	1, 230	11, 651	1, 704	4, 649
Furniture	743	970	733	353	393	375	473	612	206	213	193	766	529	504
Beverages	1, 240	841	893	351	1, 170	1, 957	2, 048	2, 606	832	251	1, 523	2, 122	702	2, 831
Ice	5, 795	4, 928	2, 578	1, 464	1, 054	1, 054	854	955	279	89	587	330	93	615
Fertilizers	9, 204	8, 463	12, 302	5, 025	5, 187	6, 283	6, 940	7, 564	2, 494	3, 478	1, 592	4, 595	5, 546	2, 692
Printing paper [10]	3, 144	3, 328	3, 399	2, 397	2, 380	2, 408	2, 531	2, 834	2, 008	181	645	7, 826	578	2, 334
Chemicals and explosives [11]	8, 348	9, 579	2, 672	1, 579	1, 868	2, 101	2, 186	2, 615	1, 462	607	546	2, 221	1, 199	799
Textiles	805	966	710	493	581	512	518	623	138	377	108	574	834	294
Canned food products	3, 074	4, 144	4, 751	3, 167	3, 308	3, 816	3, 844	4, 498	1, 974	280	2, 244	5, 108	994	4, 667
Furnace slag	77, 814	78, 807	11, 000	2, 105	2, 016	2, 495	2, 254	3, 803	2, 959	774	70	3, 297	1, 290	80
Paper board, pulpboard, and wall board (paper)			2, 241	1, 581	1, 874	1, 812	2, 021	2, 412	1, 136	715	561	2, 938	1, 393	1, 341
Building paper and prepared roofing materials			1, 687	1, 102	1, 119	1, 184	1, 506	1, 965	1, 199	182	584	2, 312	725	1, 057
Other manufactures and miscellaneous			54, 885	31, 656	35, 535	39, 964	44, 195	54, 920	36, 684	5, 856	12, 380	72, 698	13, 895	24, 737
Merchandise—all l. c. l. freight	53, 202	40, 587	29, 667	15, 234	14, 351	14, 345	14, 039	16, 292	7, 791	3, 419	5, 082	15, 057	7, 306	7, 931

[3] "Gravel, sand, and stone" includes clay prior to 1930 which is reported with "Other products of mines" 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 prior to 1930.
[10] "Paper, printed matter, and books" prior to 1930.
[11] Data beginning 1930 not comparable with prior years.

Source: Interstate Commerce Commission.

No. 448.—CAR LOADINGS: Average Weekly Loadings of Revenue Freight, Class I Railways, by Principal Commodity Groups

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

Month	1932	1933	1934	1935	1936	1932	1953	1934	1935	1936
	Total, all commodities					Grain and grain products				
Year	541, 922	561, 924	593, 192	605, 849	693, 525	31, 796	31, 931	31, 652	30, 328	34, 679
January	566, 693	481, 052	545, 770	542, 287	588, 278	31, 010	26, 743	29, 197	24, 269	30, 176
February	560, 805	492, 642	578, 619	585, 491	627, 024	34, 250	25, 377	30, 091	26, 318	30, 210
March	570, 209	470, 904	613, 522	602, 080	604, 746	28, 891	27, 724	29, 651	26, 980	33, 986
April	554, 827	506, 391	585, 115	575, 425	636, 211	30, 827	35, 914	26, 496	26, 900	30, 649
May	522, 022	535, 798	611, 591	577, 595	670, 360	29, 220	37, 126	28, 107	25, 154	31, 099
June	491, 622	585, 249	616, 926	616, 434	696, 753	25, 334	38, 685	34, 881	25, 919	34, 900
July	484, 197	624, 598	587, 754	556, 218	706, 387	36, 963	44, 828	42, 760	29, 975	52, 950
August	516, 200	632, 785	614, 573	619, 600	740, 211	38, 543	29, 706	39, 769	42, 227	43, 311
September	573, 474	648, 170	625, 488	657, 121	765, 280	37, 561	31, 264	33, 827	40, 550	31, 787
October	633, 512	658, 120	633, 735	713, 010	819, 125	33, 527	29, 872	31, 463	35, 589	32, 231
November	547, 482	596, 414	568, 600	626, 119	753, 369	27, 809	30, 949	26, 986	30, 811	32, 786
December	496, 656	517, 447	526, 392	580, 631	693, 905	26, 458	25, 997	25, 425	27, 250	32, 531
	Livestock					Coal				
Year	18, 256	17, 054	20, 663	13, 740	14, 585	102, 672	109, 512	117, 989	118, 167	133, 751
January	22, 070	17, 248	17, 499	14, 485	13, 092	115, 176	108, 568	131, 099	137, 542	146, 855
February	19, 034	15, 427	15, 281	12, 452	10, 578	114, 953	124, 641	144, 958	142, 458	181, 198
March	16, 532	13, 411	13, 448	11, 292	11, 943	121, 254	92, 322	147, 246	135, 370	105, 652
April	18, 699	16, 880	16, 285	12, 888	12, 435	92, 291	78, 865	101, 468	94, 558	111, 195
May	17, 146	16, 541	16, 252	12, 570	12, 298	74, 626	80, 844	107, 638	102, 004	111, 405
June	14, 912	15, 476	15, 449	9, 938	11, 757	66, 698	96, 320	101, 253	126, 023	106, 508
July	14, 381	14, 955	22, 197	9, 875	12, 940	72, 259	112, 848	94, 119	79, 542	108, 576
August	16, 871	16, 653	32, 108	12, 869	15, 429	84, 616	125, 051	101, 748	98, 462	121, 051
September	20, 750	20, 289	33, 446	17, 414	18, 179	108, 834	126, 614	116, 100	111, 259	132, 789
October	23, 699	23, 221	28, 556	21, 156	21, 856	136, 577	126, 754	121, 171	134, 212	158, 106
November	19, 012	20, 451	21, 189	16, 132	19, 246	122, 823	127, 068	120, 394	124, 923	156, 203
December	16, 608	15, 087	16, 367	12, 792	14, 814	125, 027	115, 962	129, 004	130, 538	156, 287
	Coke					Ore				
Year	4, 303	5, 736	6, 404	6, 531	9, 213	4, 046	14, 292	15, 253	19, 931	31, 134
January	5, 656	5, 208	7, 740	7, 540	9, 155	2, 949	1, 872	3, 106	3, 335	5, 642
February	6, 234	6, 285	10, 083	8, 315	10, 877	2, 699	1, 864	3, 106	3, 742	5, 659
March	6, 090	4, 381	8, 981	5, 958	6, 830	2, 647	2, 113	3, 725	4, 436	6, 021
April	3, 830	3, 352	5, 780	5, 600	6, 965	3, 424	3, 369	7, 186	9, 674	8, 853
May	3, 136	3, 834	6, 843	5, 762	8, 155	2, 583	7, 864	20, 711	27, 030	37, 354
June	2, 887	5, 389	6, 796	5, 822	8, 355	3, 547	13, 132	33, 106	32, 842	50, 510
July	2, 573	6, 498	4, 406	4, 564	8, 651	6, 030	24, 962	31, 346	33, 538	52, 293
August	2, 712	6, 712	4, 358	5, 191	8, 628	7, 111	36, 180	28, 556	34, 562	54, 855
September	3, 669	7, 030	5, 220	6, 319	9, 645	6, 065	39, 011	23, 716	34, 934	56, 428
October	4, 890	6, 762	5, 442	7, 500	10, 580	6, 521	29, 882	17, 138	31, 373	52, 846
November	4, 751	6, 478	5, 175	7, 364	11, 222	2, 951	8, 316	5, 768	13, 001	28, 343
December	5, 597	6, 748	6, 102	8, 282	11, 147	1, 748	2, 938	3, 041	6, 441	8, 262
	Forest products					Miscellaneous and l. c. l.				
Year	17, 292	21, 170	22, 095	26, 613	32, 290	363, 558	362, 229	379, 136	390, 538	437, 873
January	18, 358	13, 946	18, 352	18, 692	26, 029	371, 474	307, 467	338, 788	338, 425	357, 331
February	19, 266	13, 800	21, 818	25, 280	26, 856	364, 370	305, 247	353, 282	366, 925	361, 645
March	20, 018	15, 313	23, 705	25, 159	30, 520	374, 778	315, 641	386, 766	392, 886	409, 795
April	19, 707	17, 456	24, 242	25, 451	30, 340	386, 048	350, 555	403, 659	400, 455	435, 775
May	18, 695	21, 019	25, 246	24, 939	32, 345	376, 617	368, 570	406, 795	380, 135	437, 704
June	16, 810	26, 004	24, 652	26, 693	34, 704	361, 434	390, 242	400, 790	389, 198	450, 021
July	14, 555	26, 916	20, 762	26, 441	32, 655	337, 436	393, 591	372, 166	372, 282	438, 323
August	15, 490	27, 671	22, 168	30, 345	36, 137	350, 856	390, 812	385, 866	395, 944	460, 802
September	17, 552	25, 070	22, 069	30, 917	34, 702	379, 044	398, 891	391, 111	415, 728	481, 751
October	18, 849	24, 794	22, 390	31, 136	35, 678	409, 450	416, 835	407, 575	452, 026	507, 827
November	16, 051	23, 637	20, 723	27, 062	34, 014	354, 087	379, 516	368, 365	406, 827	471, 554
December	13, 196	18, 385	18, 295	25, 929	33, 037	308, 023	332, 331	328, 159	369, 401	437, 827

Source: Association of American Railroads. Weekly reports are published currently.

No. 449.—STEAM RAILWAY ACCIDENTS, BY CAUSES

NOTE.—See headnote to table 450

Cause of accident	Killed					Injured				
	1926–1930, average	1931–1935, average	1934	1935	1936	1926–1930, average	1931–1935, average	1934	1935	1936
All accidents	6,480	4,970	4,879	5,107	5,398	89,404	29,816	28,631	28,080	34,706
Train accidents	308	225	256	239	277	2,985	1,125	1,000	1,056	1,547
Passengers on trains	30	8	12	1	7	1,455	465	394	367	742
Travelers not on trains			------	------	------			2	3	------
Employees	164	80	97	79	120	1,132	373	361	372	553
Other persons	114	137	147	159	150	398	287	243	314	252
Causes:										
Collisions	89	32	33	22	63	1,391	417	263	346	702
Passengers on trains	11	3	------	------	1	710	222	98	159	404
Travelers not on trains			------	------	------			1	------	------
Employees	70	25	30	18	58	526	144	126	146	240
Other persons	8	4	3	4	4	155	51	38	41	58
Derailments	139	113	142	110	133	1,379	577	601	564	682
Passengers on trains	18	5	12	------	6	718	230	276	200	325
Travelers not on trains			------	------	------			1	3	------
Employees	66	42	59	38	43	487	180	176	173	243
Other persons	55	66	71	72	84	173	167	148	188	114
Other causes	81	80	81	107	81	215	131	136	146	163
Passengers on trains	1	------	------	1	------	27	13	20	8	13
Travelers not on trains				------	------			------	------	------
Employees	28	12	8	23	19	119	48	59	53	70
Other persons	52	67	73	83	62	69	69	57	85	80
Train-service accidents	5,796	4,522	4,396	4,650	4,897	35,395	16,219	15,446	15,535	18,045
Passengers on trains	63	26	15	17	10	2,208	1,525	1,476	1,505	1,709
Travelers not on trains			8	7	15			68	65	89
Employees	940	376	338	387	473	23,275	7,005	6,442	6,390	8,468
Other persons	4,793	4,120	4,035	4,239	4,399	9,912	7,690	7,460	7,575	7,779
Causes:										
Coupling or uncoupling locomotives or cars	48	15	17	16	24	1,124	293	254	264	329
Coupling or uncoupling air hose	19	10	7	12	8	353	134	132	107	157
Operating locomotives	16	7	6	11	9	3,731	1,007	909	845	1,135
Operating hand brakes	30	14	14	10	16	1,875	596	514	536	694
Operating switches	1	1	1	2	------	747	202	192	186	310
Contact with fixed structures	57	59	54	48	42	534	258	201	184	193
Getting on or off cars or locomotives	419	449	417	346	313	7,084	3,689	3,358	3,259	3,543
Highway grade-crossing accidents [1]	2,315	1,521	1,442	1,554	1,676	6,400	4,135	4,182	4,443	4,780
Struck or run over, not at public crossings	2,267	1,726	1,725	1,794	1,926	1,721	969	994	958	1,086
Miscellaneous	625	718	713	857	883	11,824	4,937	4,710	4,753	5,818
Nontrain accidents	376	223	227	218	224	51,024	12,471	12,185	11,489	15,114
Passengers on trains	2	3	------	------	------	595	540	------	------	------
Travelers not on trains			4	1	3			614	577	698
Employees	288	132	121	134	126	48,990	10,844	10,535	9,980	13,388
Other persons	85	88	102	83	95	1,440	1,087	1,036	932	1,028

[1] Excludes persons killed and injured at highway grade crossings in connection with derailments and miscellaneous train accidents.

Source: Interstate Commerce Commission.

No. 450.—PERSONS KILLED AND INJURED IN RAILWAY ACCIDENTS

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

Yearly average or year ended—	Total		Passengers[1]		Employees		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	4,214	5,294	--------	--------
1896–1900	6,946	42,248	222	3,237	2,054	32,793	4,670	6,219	--------	--------
1901–1905	9,326	72,943	392	7,894	3,249	57,209	5,686	7,840	--------	--------
1906–1910	10,210	105,617	385	11,625	3,572	83,502	6,252	10,491	--------	--------
1911–1915	10,174	174,941	273	13,382	3,273	148,640	6,628	12,919	--------	--------
1913	10,964	200,308	350	15,130	3,715	171,417	6,899	13,761	--------	--------
1914	10,302	192,662	232	13,887	3,259	165,212	6,811	13,563	--------	--------
1915	8,621	162,040	199	10,914	2,152	138,092	6,270	13,034	--------	--------
Dec. 31:										
1916	10,001	196,722	246	7,152	2,941	176,923	6,814	12,647	--------	--------
1917	10,087	194,805	301	7,582	3,199	174,247	6,587	12,976	--------	--------
1918	9,286	174,575	471	7,316	3,419	156,013	5,396	11,246	--------	--------
1919	6,978	149,053	273	7,456	2,138	131,018	4,567	10,579	--------	--------
1920	6,958	168,309	229	7,591	2,578	149,414	4,151	11,304	--------	--------
1921	5,996	120,685	205	5,584	1,446	104,530	4,345	10,571	--------	--------
1922	6,325	134,871	203	6,712	1,657	117,197	1,967	7,834	2,498	3,121
1923	7,385	171,712	143	6,463	2,026	152,678	2,397	9,279	2,819	3,297
1924	6,617	143,739	153	6,023	1,543	125,319	2,300	9,268	2,621	3,121
1925	6,766	137,435	176	5,643	1,599	119,224	2,347	9,640	2,644	2,926
1926	7,090	130,235	155	5,149	1,672	111,903	2,640	10,387	2,623	2,798
1927	6,821	104,799	82	4,560	1,566	88,223	2,519	9,020	2,654	2,992
1928	6,509	85,561	85	4,027	1,327	70,246	2,718	8,652	2,379	2,639
1929	6,496	76,995	100	4,371	1,424	60,739	2,665	9,308	2,307	2,578
1930	5,481	49,430	50	3,180	974	35,872	2,153	7,430	2,304	2,946
1931	5,099	35,656	41	2,689	676	23,358	1,981	6,288	2,401	3,326
1932	4,747	29,219	28	2,366	579	17,742	1,635	5,330	2,505	3,786
1933	5,019	27,494	50	2,522	532	15,932	1,611	5,043	2,826	3,997
1934	4,879	28,631	39	2,554	556	17,338	1,630	5,583	2,654	3,156
1935	5,107	28,080	26	2,517	600	16,742	1,769	5,791	2,712	3,030
1936	5,398	34,706	35	3,238	719	22,409	1,906	6,365	2,738	2,694

[1] Data cover passengers on trains and travelers not on trains.
[2] Trespassers included with "other persons" prior to 1922.

No. 451.—CONSUMPTION OF FUEL AND REPLACEMENTS OF RAILS AND TIES: CLASS I CARRIERS

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			1935		
	1933	1934	1935	Eastern district	Southern district	Western district
Consumption of fuel by locomotives:						
Anthracite ... 1,000 short tons	478	608	508	508	--------	--------
Bituminous coal ... do	66,198	70,496	71,335	33,381	16,020	21,934
Fuel oil[1] ... 1,000 gallons	1,709,032	1,868,381	1,998,176	6,348	28,445	1,963,383
Hardwood[1] ... cords	1,865	1,612	1,883	1,065	818	--------
Softwood[1] ... do	19,823	18,511	18,214	6,588	1,368	10,258
Total, coal equivalent[2] 1,000 short tons	77,384	82,811	84,783	33,932	16,191	34,660
Rails laid in replacement and betterment:						
Total tonnage ... 1,000 long tons	862	1,165	1,159	376	283	500
Total charges[3] ... 1,000 dollars	28,669	37,650	36,218	11,341	8,604	16,273
Ties laid in previously constructed tracks:						
Crossties ... thousands	37,296	43,306	44,326	9,421	10,789	24,116
Switch and bridge ties ... 1,000 board feet	134,149	155,249	156,536	43,852	43,217	69,467
Total charges[3] ... 1,000 dollars	44,195	51,516	52,370	15,280	10,857	26,233

[1] The ratio of fuel oil to coal is based upon the experience of the various roads; 1 cord of hardwood equals two-thirds ton of coal; 1 cord of softwood equals one-half ton of coal.
[2] Totals include equivalent of a small amount of miscellaneous fuel.
[3] The total charges shown do not include the labor cost of applying the rails or ties.

Source of tables 450 and 451: Interstate Commerce Commission.

No. 452.—EXPRESS COMPANIES: Income Account

NOTE.—In thousands of dollars. Mileage operated by express companies, 1936: Total, 278,924; steam road, 213,797; electric line, 2,449; steamboat line, 24,385; airplane, 27,844; stage line, 10,449. The Railway Express Agency, Inc., operates 268,437 miles, and the Southeastern Express Co., 10,487 miles

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
1928	281,545	141,288	143,877	140,675	3,202	2,038	1,146	1,216	2,321
1929 [4]	41,104	18,554	23,083	22,560	523	327	193	193	381
Railway Express Agency, Inc.:									
1929 [5]	242,216	127,591	117,628	115,535	2,093	1,343	734	687	20
1930	237,488	112,366	128,470	125,821	2,649	1,375	1,259	509	36
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	[6] *5*
1933	118,673	44,468	76,503	73,416	3,087	1,524	1,535	186	[6] *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	[6] *5*
Southeastern Express Co.:									
1921 [7]	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
1928	7,870	3,738	4,268	4,126	142	100	40	30	70
1929	8,007	3,900	4,244	4,098	146	110	35	38	73
1930	6,764	2,940	3,936	3,803	133	97	35	35	70
1931	5,603	2,117	3,585	3,443	142	89	51	17	68
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

[1] Includes revenues from sources other than transportation.
[2] Deducting, besides taxes, a small amount of uncollectible revenue.
[3] Sum of two preceding columns less deductions.
[4] Result of operations for 2 months ended Feb. 28, 1929.
[5] Result of operations for 10 months ended Dec. 31, 1929.
[6] Deficit.
[7] Result of operations for 8 months ended Dec. 31, 1921.

No. 453.—THE PULLMAN CO.: Abstract of Operations

[All money figures in thousands of dollars]

Year ended—	Gross revenues, car operations	Association revenues, debtor	Contract revenues, debtor [1]	Expenses, car operations		Net revenues, car operation	Operating income	Revenue passengers carried	
				Total	Conducting car operations			Thousands	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
1921	64,439	--------	7,079	64,744	28,136	[3] *305*	[3] *3,277*	31,225	13
1922	65,582	--------	8,379	53,029	26,022	12,553	8,540	31,748	13
1923	72,576	--------	8,555	55,885	27,365	16,691	12,289	34,249	13
1924	72,758	--------	9,075	61,609	30,023	11,149	7,755	34,086	12
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

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

Source of tables 452 and 453: Interstate Commerce Commission.

No. 454.—THE ALASKA RAILROAD TRAFFIC: Analysis of Statistics of Passenger and Freight Services, Years Ended June 30

	1935	1936
Road mileage operated—monthly average	501.1	501.1
PASSENGER TRAFFIC		
Passenger train-miles [1]	66,442	86,829
Mixed train-miles	7,059	20,917
Passenger car-miles, passenger trains [1]	180,383	239,122
Passenger car-miles, mixed trains	7,096	22,485
Total revenue passengers carried	23,310	43,081
Revenue passengers carried 1 mile	3,184,778	4,591,856
Total passenger revenue	$166,086	$231,152
Average revenue per passenger per mile	$0.05215	$0.05340

	1935	1936
FREIGHT TRAFFIC		
Freight train-miles	71,447	83,588
Mixed train-miles	7,059	20,917
Loaded cars, 1 mile, freight and mixed trains	1,208,261	1,427,493
Empty cars, 1 mile, freight and mixed trains	858,014	1,021,554
All cars, 1 mile	2,066,275	2,449,047
Tons of revenue freight carried:		
Coal	73,060	92,205
Miscellaneous	36,154	58,805
Tons of revenue freight carried 1 mile	18,824,470	23,600,891
Total freight revenue	$1,091,446	$1,338,321
Average revenue per ton per mile	$0.05798	$0.05671

[1] Including motor miles.

Source: Department of the Interior.

No. 455.—ELECTRIC RAILWAYS: Summary of Operations

Note.—This table does not include the electric operations of steam railway companies nor motor-bus operations of electric railways; for motor-bus statistics see table 463. Many electric railway companies also engage in other operations, especially in the sale of current for light and power; wherever possible, such light and power business has been excluded, but for numerous companies this is impossible. No distribution can be made in the statistics between purely urban street railways and suburban and interurban lines. The insignificant amount of business still conducted by cable and animal traction is included, as well as some operations conducted by primarily electric railways by means of steam traction and gasoline engine cars. Mileage figures expressed in nearest mile

	1890	1902	1912	1917	1922	1927	1932
Number of companies	789	987	1,260	[1] 1,307	[1] 1,200	[1] 963	[1] 706
Miles of line operated [2]	5,783	16,645	30,438	32,548	31,264	27,948	20,110
Miles of single track operated [2]	8,123	22,577	41,065	44,835	43,932	40,722	31,548
Operated by:							
Electricity	1,262	21,902	40,808	44,677	43,789	40,585	31,432
Cable	488	241	56	45	46	43	39
Animal traction	5,661	259	58	11	4	----------	----------
Steam	711	170	76	41	1	17	72
Gasoline-engine cars	----------	[3] 6	66	56	[4] 86	[4] 77	4
Gravity	----------	----------	----------	6	6	----------	----------
Value of road and equipment (thousand dollars)	389,357	2,167,634	4,596,563	5,136,442	5,058,762	(5)	4,143,381
Number of employees	70,764	140,769	282,461	294,826	300,119	264,575	182,165
Number of passenger cars	32,505	60,290	76,162	79,914	77,301	70,309	59,692
Revenue passengers, including pay transfer (thousands)	2,023,010	4,774,212	9,545,555	11,304,660	12,666,558	12,174,592	7,955,961
Operating revenues (thousand dollars) [6]	90,617	247,554	567,512	709,825	1,016,719	927,774	566,290
Operating expenses (thousand dollars) [6]	62,011	142,313	332,896	452,595	727,795	694,460	442,607
Operating ratio (per cent)	68.4	57.5	58.7	63.8	71.6	74.9	78.2

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

[2] Includes small mileage of track lying outside the United States.

[3] Compressed air.

[4] Includes 1.26 miles of nonelectric track in 1922, 1.20 miles in 1927.

[5] Complete data not available. In 1927 a number of composite companies included the value of electric railway road and equipment in the value of their entire plant and equipment reported on their combined balance sheet on the light and power schedule and advised that this could not be separated. Statistics for Central Light and Power Stations include their combined figures.

[6] Including revenues and expenses from auxiliary operations, except in 1932. Prior to 1927, auxiliary operations include data for electric light and power departments of electric railways; beginning with 1927, such data for most companies have been reported on separate schedules and are included in the statistics for "Central Electric Light and Power Stations."

Source: Bureau of the Census, Department of Commerce.

No. 456.—ELECTRIC RAILWAYS: Mileage, Equipment, Output of Electricity, Traffic, Employees, and Salaries and Wages

Note.—See headnote to table 455

	All companies					Surface lines	
	1912	1917	1922	1927	1932	1927	1932
Number of operating companies	975	943	858	682	485	678	478
Miles of single track [1]	41,065	44,835	43,932	40,722	31,548	39,851	30,519
First track (length of line)	30,438	32,548	31,264	27,948	20,110	27,667	19,783
Second and other tracks	10,627	12,288	12,668	12,775	11,437	12,184	10,736
Electric track with:							
Overhead trolley	38,958	42,491	41,418	[2] 38,246	[2] 29,448	[2] 38,225	[2] 29,379
Third rail and conduit trolley	1,747	2,051	2,314	2,270	[2] 1,886	1,419	[2] 927
Other (electric)	103	137	78	[2] 95	[2] 102	[2] 95	[2] 102
Number of cars	94,016	102,603	99,255	93,246	79,984	84,592	67,339
Passenger	76,162	79,914	77,301	70,309	59,692	61,881	50,593
Express, freight, and mail	7,794	11,534	11,406	13,337	12,509	13,337	9,266
Service cars	10,060	11,155	10,548	9,600	7,783	9,374	7,480
Number of electric locomotives	277	357	404	462	609	456	464
Horsepower of power-plant equipment [3] [4]	3,661,385	4,200,192	4,119,306	2,025,821	1,530,395	(5)	1,030,395
Steam turbines	1,462,800	2,322,692	2,856,006	1,561,457	1,244,423	(5)	864,423
Other steam engines [4]	1,703,088	1,221,223	827,027	420,889	252,422	(5)	132,422
Internal-combustion engines	24,190	28,294	32,495	7,700	3,500	(5)	3,500
Water wheels and turbines	471,307	627,983	403,778	35,775	30,050	(5)	30,050
Kilowatt capacity of generators [3]	2,505,316	2,924,779	2,972,834	1,470,904	1,126,714	(5)	751,714
Electric energy (1,000 kilowatt-hours) [3]	9,020,018	12,187,851	12,405,053	9,389,597	7,343,517	(5)	5,935,176
Generated [3]	6,002,659	7,240,503	6,473,451	2,975,863	2,433,176	(5)	1,265,000
Purchased	3,017,359	4,947,348	5,931,602	6,413,734	4,910,341	(5)	4,670,175
Passengers carried (thousands) [6]	12,135,342	14,506,915	15,331,400	14,901,435	9,888,535	12,678,849	7,849,091
Revenue passengers, including pay transfer	9,545,555	11,304,661	12,666,558	12,174,592	7,955,981	9,953,798	5,922,363
Free-transfer passengers	2,423,918	3,021,138	2,496,570	2,571,249	1,827,533	2,570,937	1,827,308
Free passengers	165,869	181,116	168,272	155,594	105,022	154,114	99,420
Revenue car mileage (thousands)	1,921,620	2,139,802	2,124,523	2,163,773	1,690,194	1,786,560	1,293,314
Passenger	1,885,870	2,087,819	2,068,294	2,084,566	1,650,726	1,707,353	1,253,846
Express, freight, and mail	35,750	51,983	56,229	79,207	39,468	79,207	39,468
Average number of revenue passengers:							
Per mile of all track [7]	232,556	252,323	288,600	299,733	271,258	259,826	208,433
Per passenger-car hour	48.38	53.69	61.14	59.68	54.33	57.66	48.70
Revenue car-hours (thousands)	190,478	203,057	201,838	202,513	148,649	178,837	123,806
Passenger	187,590	199,053	197,146	196,464	146,443	172,788	121,600
Express, freight, and mail	2,888	4,004	4,692	6,049	2,206	6,049	2,206
Salaried employees:							
Number	23,271	27,151	30,239	27,845	20,260	26,374	18,448
Salaries (thousand dollars)	26,129	33,910	57,489	56,647	40,147	52,770	35,621
Wage earners:							
Number	259,190	267,675	269,880	236,730	161,905	208,775	131,923
Wages (thousand dollars)	174,762	233,331	387,643	380,978	241,686	333,695	191,224
Conductors and motormen:							
Number	131,321	136,184	130,224	113,180	78,928	108,680	74,173
Wages (thousand dollars)	95,452	127,222	204,690	196,636	121,752	187,149	112,475
Other wage earners:							
Number	127,869	131,491	139,656	123,550	82,977	100,095	57,750
Wages (thousand dollars)	79,311	106,109	182,953	184,341	119,934	146,546	78,749

[1] Mileage expressed in nearest mile. Figures include track lying outside the United States (1912, 32 miles; 1917, 1922, and 1927, 27 miles; 1932, 24 miles).

[2] In 1927 overhead trolley includes 25 miles of surface lines operated by both overhead trolley and gas-electric motor cars; in 1932, includes 2 miles operated by both overhead trolley and conduit and 2 miles operated by both overhead trolley and oil-electric motor cars.

[3] Figures for power-plant equipment, capacity of generators, and output of stations in 1927 and 1932 are not comparable with those in prior years, as companies that formerly reported these data as auxiliary operations on railway schedules furnished separate and complete reports for light and power operations in 1927 and 1932. These are included in the statistics for "Central Electric Light and Power Stations." The number of companies that reported power-plant equipment in 1912 was 494; in 1917, 355; in 1922, 232; in 1927, 70; in 1932, 39.

[4] Includes 33 units with 41,100 horsepower of idle equipment in 1927 and 18 units with 63,167 horsepower of idle equipment in 1932.

[5] Not shown separately.

[6] Not including passengers carried by motor busses operated by electric railway companies (16,120,000 in 1922; 214,694,000 in 1927; 880,543,000 in 1932).

[7] Exclusive of idle track and freight and switching roads for all years except 1932.

Source: Bureau of the Census, Department of Commerce.

No. 457.—ELECTRIC RAILWAYS:

NOTE.—See headnote to table 455. The track mileage represents that actually lying in each State, but all ducted in other States. The differences among the States in the relation of passengers carried to of interurban as against purely urban traffic. Data for motor-bus lines represent those operated Revenue car mileage represents passenger, express, freight, and mail-car mileage

Division and State	Miles of track lying in State or division [1]				Revenue passengers carried by companies domiciled in State (thousands)					
							1927		1932 [3]	
	1912	1922	1927	1932	1912	1922 [2]	Car lines	Motor-bus lines	Car lines	Motor-bus lines
United States	**41,033**	**43,905**	**40,696**	**31,524**	**9,545,555**	**12,679,349**	**12,174,592**	**167,781**	**7,955,981**	**753,784**
New England	5,299	5,049	3,931	2,443	1,051,162	1,137,106	910,455	54,621	530,912	132,201
Maine	530	566	501	276	47,049	50,010	32,499	75	14,403	(4)
N. Hampshire	268	263	156	90	23,673	19,650	10,807	113	4,839	--------
Vermont	121	117	63	17	8,136	6,950	3,691	70	(5)	--------
Massachusetts	2,951	2,688	2,071	1,305	705,918	732,447	604,951	45,916	368,294	88,053
Rhode Island	435	403	304	183	94,086	143,009	105,210	8,447	[5] 143,376	[4] 44,148
Connecticut	993	1,011	836	572	172,300	185,040	153,297	--------		
Middle Atlantic	10,064	10,519	9,473	6,922	3,513,721	4,978,230	5,172,379	174	3,840,352	305,069
New York	4,486	4,737	4,348	3,243	2,126,964	3,090,878	3,407,410	162	2,900,373	49,826
New Jersey	1,309	1,342	1,093	716	356,858	466,819	406,444	12	175,170	255,243
Pennsylvania	4,270	4,440	4,032	2,963	1,029,899	1,420,533	1,358,525	--------	764,809	--------
E. N. Central	11,884	12,431	11,802	8,183	2,159,621	2,981,417	2,886,084	55,906	1,726,160	148,358
Ohio	3,999	3,974	3,486	2,513	632,332	872,164	726,069	24,552	420,642	59,764
Indiana	2,323	2,305	2,330	1,583	173,019	241,873	201,070	7,580	97,838	10,302
Illinois	3,186	3,416	3,298	2,456	932,668	1,128,105	1,257,594	10,282	821,250	16,665
Michigan	1,526	1,817	1,779	879	286,956	557,900	521,774	1,920	269,864	36,560
Wisconsin	849	919	909	751	134,646	181,375	179,577	11,572	116,566	25,067
W. N. Central	3,031	3,604	3,556	3,149	787,301	942,867	758,333	3,399	402,737	30,176
Minnesota	538	681	723	616	186,918	262,781	207,476	--------	121,286	(7)
Iowa	784	999	982	891	93,418	95,494	66,883	1,675	32,169	4,948
Missouri	959	1,098	1,054	956	402,210	464,603	407,210	407	208,325	15,192
North Dakota	19	21	19	13	2,862	3,378	2,893	--------	1,331	(7)
South Dakota	22	17	16	--------	1,657	2,023	736	510	--------	--------
Nebraska	214	206	192	157	64,709	76,846	51,890	132	30,119	[7] 4,175
Kansas	494	581	570	516	35,527	37,742	21,245	675	9,507	5,861
South Atlantic	2,900	3,191	3,063	2,734	616,725	830,514	743,305	9,401	416,799	46,573
Delaware	99	96	83	59	18,024	20,860	18,961	--------	221,417	10,614
Maryland	720	758	731	667	186,828	248,594	227,918	--------		
Dist. of Col	188	199	185	187	114,100	156,242	136,888	7,459		
Virginia	561	554	541	486	91,980	116,289	100,751	--------	62,607	26,275
West Virginia	330	422	381	340	52,842	91,079	71,163	--------	32,545	(11)
N. Carolina	190	216	205	190	21,241	29,964	25,443	--------	13,946	2,881
S. Carolina	228	301	286	246	17,873	20,211	10,255	--------	5,954	2,071
Georgia	417	449	425	360	86,601	105,958	98,564	265	52,279	[11] 2,628
Florida	165	197	226	199	27,236	41,317	53,362	1,677	28,051	2,104
E. S. Central	1,291	1,477	1,378	1,196	268,785	308,021	311,351	--------	174,892	7,204
Kentucky	502	517	489	462	103,512	115,594	117,894	--------	68,547	5,587
Tennessee	361	495	507	403	91,896	110,369	103,984	--------	64,629	
Alabama	309	368	335	304	62,494	73,646	85,463	--------	40,101	1,617
Mississippi	119	98	47	27	10,883	8,412	4,010	--------	1,615	
W. S. Central	1,372	1,724	1,773	1,559	270,746	382,087	352,541	14,305	182,589	31,928
Arkansas	114	120	122	106	24,304	29,954	25,887	28	13,725	5,700
Louisiana	285	305	284	201	94,053	128,337	123,491	3,683	70,104	
Oklahoma	252	324	334	368	22,121	36,260	23,808	4,178	10,995	3,131
Texas	721	975	1,033	884	130,268	187,536	179,355	6,416	87,765	23,097
Mountain	1,048	1,291	1,137	1,043	154,224	148,748	118,004	1,283	58,625	2,579
Montana	99	111	109	190	15,351	15,255	14,108	--------	3,757	1,794
Colorado	468	431	356	308	86,597	81,613	64,865	591	34,063	
New Mexico	11	11	11	--------	951	1,425	516	--------	--------	
Arizona	46	44	37	22	4,554	5,474	5,432	--------	(12)	
Idaho	129	149	121	46	4,170	3,256	837	--------	--------	--------
Wyoming	23	23	--------	--------	1,399	684	--------	--------	--------	--------
Nevada	11	5	5	--------	750	480	351	--------	--------	--------
Utah	260	517	498	476	40,452	40,561	31,895	692	[13] 20,805	785
Pacific	4,146	4,619	4,583	4,295	723,270	970,359	922,140	28,692	622,915	49,696
Washington	991	954	904	727	126,687	143,429	118,303	5,570	71,429	14,531
Oregon	549	612	548	560	75,842	71,804	60,471	2,652	45,334	
California	2,605	3,053	3,131	3,008	520,741	755,126	743,366	20,470	506,152	35,165

[1] Mileage figures expressed to nearest mile, original figures to nearest hundredth.
[2] Includes motor-bus operations.
[3] Includes trolley-bus operations.
[4] Data for Maine, Rhode Island, and Connecticut combined.
[5] Data for Vermont, Rhode Island, and Connecticut combined.
[6] Data for Rhode Island included with Massachusetts.
[7] Data for Minnesota, North Dakota, and Nebraska combined.

Operating Statistics, by States

other data relate to the total operations of companies domiciled in the State, part of which may be con-
passenger revenue and in other similar ratios are largely due to differences in the relative importance
directly by electric railways; lines operated by subsidiary and successor companies are not included.

Passenger revenue of companies domiciled in State (thousands of dollars)					Revenue car-miles operated by companies domiciled in State (thousands)					Division and State
	1927		1932 [3]			1927		1932 [3]		
1922 [2]	Car lines	Motor-bus lines	Car lines	Motor-bus lines	1922 [2]	Car lines	Motor-bus lines	Car lines	Motor-bus lines	
854,663	834,601	14,578	518,060	55,428	2,124,523	2,163,773	65,068	1,681,491	273,618	U.S.
87,704	79,752	4,607	43,262	10,400	173,083	154,549	15,971	106,242	40,904	N.E.
4,243	3,060		1,437	(4)	11,027	9,485	174	6,814	(4)	Maine.
1,585	924	44	410	--------	4,006	2,767	71	1,838	--------	N.H.
451	258		(5)	--------	1,406	980	30	(5)	--------	Vt.
58,521	55,198	[6] 4,563	31,692	7,142	105,162	96,723	13,166	68,819	26,444	Mass.
22,904	20,312	(6)	[5] 9,723	[4] 3,258	16,244	13,932	2,530	[5] 28,771	[4] 14,460	R.I.
		--------			35,238	30,662	--------			Conn.
297,560	308,687	17	219,363	19,288	710,550	755,120	55	664,046	75,473	M. A.
168,451	186,692	16	152,936	3,284	442,114	496,910	51	492,408	9,757	N.Y.
30,863	21,743	1	9,184	16,004	69,214	52,179	4	23,459	65,716	N.J.
98,246	100,252	--------	57,243	--------	199,222	206,031	--------	148,179	--------	Pa.
213,365	211,622	5,061	117,259	11,823	546,337	571,510	22,683	385,595	65,214	E. N. C.
55,359	50,309	1,989	25,743	3,980	141,247	136,400	7,081	83,663	20,851	Ohio.
20,286	18,579	513	7,399	1,023	58,552	63,782	4,043	41,971	7,566	Ind.
93,817	100,278	1,007	63,817	1,354	230,127	256,985	4,310	194,267	9,811	Ill.
31,473	29,186	196	12,896	3,353	83,571	78,929	1,316	37,936	16,383	Mich.
12,430	13,270	1,356	7,404	2,113	32,840	35,414	5,933	27,758	10,603	Wis.
66,880	56,599	394	34,188	2,497	174,012	159,097	2,303	122,072	16,985	W. N. C.
15,850	14,379	--------	9,387	(7)	36,066	35,546	--------	29,403	(7)	Minn.
7,850	5,968	175	2,652	366	29,152	23,892	783	15,881	3,109	Iowa.
34,137	30,106		18,660	1,344	80,738	76,702	180	61,094	7,192	Mo.
342	382	[8] 167	(9)	(7)	926	951	--------	737	(7)	N.Dak.
			--------	--------	579	368	879	--------	--------	S.Dak.
4,930	3,695	12	[9] 2,646	[7] 375	13,980	11,291	65	7,911	[7] 2,886	Nebr.
3,771	2,069	40	843	412	12,571	10,347	396	7,046	3,798	Kans.
58,863	54,733	[10] 749	32,931	3,259	153,154	151,263	3,812	119,933	20,994	S. A.
		--------			3,883	3,649	--------			Del.
30,995	29,164	--------	19,510	860	42,401	40,387	--------	53,919	5,617	Md.
		(10)			21,037	20,082	2,775			D.C.
7,540	6,979	--------	3,871	1,691	24,312	24,632	--------	17,781	8,975	Va.
6,570	5,761	--------	2,527	(11)	15,238	15,504	--------	11,934	(11)	W.Va.
2,068	1,708	--------	913	176	6,887	6,595	--------	5,641	1,418	N.C.
1,755	751	--------	395	143	7,719	7,399	--------	6,283	1,367	S.C.
7,521	6,991	(10)	4,057	[11] 207	22,619	21,429	150	15,888	[11] 2,007	Ga.
2,414	3,379	(10)	1,658	182	9,058	11,586	887	8,487	1,610	Fla.
20,840	20,541	--------	11,880	562	58,389	59,504	--------	47,455	4,303	E. S. C.
7,643	7,764	--------	4,879	450	20,372	21,480	--------	17,496	2,755	Ky.
7,735	7,252	--------	4,450		19,122	20,635	--------	16,248		Tenn.
4,812	5,270	--------	2,450	112	15,820	15,910	--------	12,539	1,548	Ala.
650	255	--------	101		3,075	1,479	--------	1,172		Miss.
29,529	27,562	1,094	13,301	2,645	80,091	82,050	5,215	59,200	18,914	W. S. C.
1,781	1,530	3	794	382	5,735	6,371	26	5,138	2,380	Ark.
9,388	8,554	265	4,819		20,429	18,239	1,123	13,509		La.
3,127	2,443	301	1,040	269	9,356	9,017	1,416	7,548	2,374	Okla.
15,233	15,035	525	6,648	1,994	44,571	48,423	2,650	33,005	14,160	Tex.
11,459	9,072	136	4,613	211	32,739	32,187	723	21,404	2,029	Mt.
951	859	--------	237		2,979	3,090	--------	2,344		Mont.
6,222	4,898	(12)	2,834	144	15,746	15,152	259	10,639	1,368	Colo.
382	447	--------	--------		410	334	--------	--------		N.Mex.
		--------	(13)		981	1,096	--------	(13)		Ariz.
388		--------	--------	--------	1,323	770	--------	--------	--------	Idaho.
		--------	--------	--------	253	--------	--------	--------	--------	Wyo.
		--------	--------	--------	108	80	--------	--------	--------	Nev.
3,516	2,868	[12] 136	[13] 1,542	67	10,939	11,665	464	[13] 8,421	661	Utah.
68,463	66,033	2,520	41,263	4,743	196,168	198,493	14,306	155,544	28,802	Pac.
12,273	10,587	972	5,385	1,949	36,299	32,273	3,953	23,558	11,527	Wash.
6,285	5,147		3,189		21,341	20,192	1,313	15,165		Oreg.
49,905	50,299	1,548	32,689	2,794	138,528	146,028	9,040	116,821	17,275	Calif.

[8] Data for Missouri and South Dakota.
[9] Data for North Dakota included with Nebraska.
[10] Figures for South Atlantic division represent District of Columbia, Georgia, and Florida.
[11] Data for West Virginia and Georgia combined.
[12] Data for Colorado included with Utah.
[13] Data for Arizona included with Utah.

Source: Bureau of the Census, Department of Commerce.

No. 458.—ELECTRIC RAILWAYS: Income Account of Operating Companies

NOTE.—See headnote to table 455

[All figures except percentages in thousands of dollars]

	All companies				Surface lines	
	1912	1922	1927	1932	1927	1932
Gross operating revenue	567, 511	1,016,719	[1] 927, 774	[1] 566, 749	798, 754	447, 628
Railway operations	535, 996	925, 477	918, 869	566, 290	789, 849	447, 169
Passenger	502, 652	854, 663	834, 601	518, 060	713, 288	408, 431
Baggage, express, and milk	3, 688	5, 285	4, 271	1, 328	4, 271	1, 328
Freight	10, 165	31, 560	39, 125	17, 647	39, 125	16, 657
Other railway operations	19, 491	33, 969	40, 873	29, 255	33, 165	20, 753
Auxiliary operations	31, 515	91, 242	[1] 8, 905	[1] 459	8, 905	459
Operating expenses (total)	332, 896	727, 795	[1] 694, 460	[1] 442, 993	616, 258	364, 269
Railway operating expenses	318, 700	678, 563	686, 638	442, 607	608, 436	363, 883
Way and structures	44, 270	102, 003	96, 285	61, 000	85, 807	48, 674
Equipment	38, 717	87, 237	92, 865	55, 921	79, 249	43, 993
Power	53, 599	107, 246	98, 602	70, 647	84, 508	56, 420
Conducting transportation	[2] 129, 205	286, 690	294, 322	186, 515	262, 415	154, 633
All other	52, 909	95, 388	104, 564	68, 524	96, 457	60, 163
Auxiliary operations	14, 196	49, 232	[1] 7, 822	[1] 386	7, 822	386
Ratio of expenses to revenue (per cent)	58. 7	71. 6	74. 9	78. 2	77. 2	81. 4
Net operating revenue	234, 615	288, 924	[1] 233, 314	[1] 123, 756	182, 496	83, 359
Taxes	35, 028	64, 788	57, 809	40, 670	49, 594	33, 416
Operating income	199, 587	224, 136	[1] 175, 505	[1] 83, 086	132, 902	49, 943

[1] Figures beginning with 1927 not comparable with corresponding figures for prior years, as a number of companies that formerly reported their light and power departments in "auxiliary operations" furnished complete separate reports for these departments in 1927 and 1932 which are included in statistics for "Central Electric Light and Power Stations."

[2] Includes superintendence of power.

Source: Bureau of the Census, Department of Commerce.

No. 459.—RECEIVERSHIPS OF ELECTRIC RAILWAYS

Year	Receiverships or trusteeships instituted				Terminated under foreclosure				
	Number of companies	Miles of track	Outstanding securities		Number of companies	Miles of track	Outstanding securities		Receivers' certificates
			Stock	Bonds			Stock	Bonds	
			Dollars	*Dollars*			*Dollars*	*Dollars*	*Dollars*
1910	11	697	12, 629, 400	75, 490, 735	22	724	19, 106, 613	26, 374, 075	(1)
1913	18	343	31, 006, 900	47, 272, 200	17	302	15, 243, 700	19, 094, 500	(1)
1914	10	362	35, 562, 550	19, 050, 460	11	181	26, 239, 700	44, 094, 241	(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	26	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, 836, 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, 265, 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, 900	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, 298, 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	[2] 861	32, 517, 800	91, 512, 071	----------
1936	6	[2] 167	6, 241, 625	25, 688, 500	12	[2] 882	34, 965, 637	29, 742, 515	----------

[1] Data not available.

[2] Mileage of bus route (not available prior to 1935) is as follows: Instituted, 1935, 1,459 miles; 1936, 39 miles; terminated, 1935, 234 miles; 1936, 555 miles.

Source: Annual Statistical Number, Transit Journal.

No. 460.—ELECTRIC RAILWAYS: Summary of Statistics of Subway and Elevated Lines [1]

	1907	1912	1917	1922	1927	1932
Number of companies	6	7	7	7	[2] 4	[2] 7
Miles of track [3]	420.4	517.8	666.1	857.9	870.9	1,028.4
Number of cars	4,453	5,706	6,801	8,096	8,654	12,645
Passengers carried (thousands)	640,705	1,004,823	1,274,652	1,745,167	2,222,586	2,039,445
Revenue passengers, including pay transfer	635,653	991,062	1,262,509	1,743,284	2,220,794	2,033,618
Revenue car mileage (thousands)	143,268	219,375	247,199	303,346	377,213	396,880
Average number of revenue passengers:						
Per mile of all track [4]	1,514,866	1,913,950	2,112,349	2,229,719	2,858,422	2,092,587
Per passenger-car hour	(5)	(5)	(5)	90.86	93.80	(5)
Salaried employees:						
Number	362	907	1,937	1,372	1,471	1,812
Salaries (thousands of dollars)	569	1,398	2,648	3,008	3,877	4,525
Wage earners:						
Number	12,501	19,098	26,835	26,007	27,955	29,982
Wages (thousands of dollars)	8,588	13,867	22,093	40,988	47,283	50,462

[1] Exclusive of the mixed elevated, subway, and surface systems of Boston and Philadelphia which are included in the surface group.
[2] Four companies were consolidated and treated as one company in 1927, but as separate companies in 1932.
[3] Includes a minor amount of surface trackage.
[4] Average for 1907 and 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, on total main track.
[5] No data.

No. 461.—ELECTRIC RAILWAYS: Mileage of Elevated and Subway and Tunnel Track, by States

Note.—In these statistics all track is included; each track of a double or multiple line is counted separately. Mileage expressed in nearest tenth

Class of trackage and State	1912	1917	1922	1927	1932	Class of trackage and State	1912	1917	1922	1927	1932
Elevated, total	417.8	497.3	601.7	634.2	638.3	**Subways and tunnels, total**	112.7	218.8	325.6	342.4	510.3
New York	230.8	297.0	362.8	373.0	379.8	New York [1]	70.5	162.4	269.1	281.7	356.9
Illinois	141.9	146.9	163.9	178.7	178.7	Massachusetts	18.5	25.2	27.0	29.4	30.6
Pennsylvania	9.9	16.7	32.4	32.2	32.2	New Jersey [1]	11.7	12.6	12.6	12.6	12.6
Massachusetts	26.6	26.2	30.1	35.6	40.1	Pennsylvania	8.4	9.0	8.0	9.2	38.4
New Jersey	4.3	4.4	4.3	4.3	4.4	California	.3	5.4	5.4	5.9	8.5
Missouri	2.9	3.0	2.9	------	------	Illinois	1.9	1.9	1.8	1.8	61.2
Washington	------	------	2.7	7.8	------	All other States [2]	1.4	2.3	1.7	1.8	2.1
Maryland	1.4	1.4	1.4	1.4	1.4						
California	------	1.2	1.2	1.2	.6						
Kansas	------	.5	------	------	------						
Minnesota	------	------	------	------	1.1						

[1] Figures for New Jersey include 11.68 miles owned and operated by a New York company.
[2] Kansas, Missouri, Oregon, and Tennessee, 1912; 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.

No. 462.—ELECTRIC RAILWAYS: Finances of Elevated and Subway Lines

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	1907	1912	1917	1922	1927	1932
Income from all sources	34,258	55,246	70,213	108,483	132,135	121,612
Operating revenues	33,874	52,239	68,537	105,862	129,020	119,120
Operating expenses	15,129	23,613	31,669	67,660	78,202	78,723
Net operating revenue	18,745	28,626	36,868	38,202	50,818	40,397
Taxes of operating companies	1,986	3,501	5,136	6,441	8,215	7,253
Operating income	16,759	25,125	31,732	31,761	42,603	33,143
Miscellaneous income	384	3,008	1,676	2,621	3,115	2,492
Gross income	17,143	28,133	33,408	34,382	45,718	35,635
Deductions from gross income	11,473	18,902	21,347	34,856	33,907	34,036
Interest	3,701	9,654	10,442	19,225	23,270	26,451
Miscellaneous	7,772	9,248	10,905	15,631	10,637	7,585
Net income	5,670	9,231	12,061	[1] 474	11,811	1,599
Dividends	4,009	8,530	10,087	----------	6,250	(2)
Surplus	1,661	701	1,974	[1] 474	5,561	(2)

[1] Deficit. [2] Not shown separately.

Source of tables 460, 461, and 462: Bureau of the Census, Department of Commerce.

No. 463.—MOTORBUS OPERATIONS: Summary of Statistics for Lines Operated by Electric Railways, Subsidiary, and Successor Companies

NOTE.—Data for successor companies not available in 1927

	1927			1932			
	Total	Operated by—		Total	Operated by—		
		Electric railway companies	Subsidiary companies		Electric railway companies	Subsidiary companies	Successor companies
Number of companies	301	98	203	498	173	95	230
Number of routes operated	1,583	482	1,101	3,613	2,119	533	961
Miles of route (round trip)	29,267	7,073	22,194	77,897	21,556	20,577	35,764
Miles of street or highway served (one way)	14,299	3,313	10,986	36,652	9,708	9,363	17,581
Number of busses, total	8,277	2,064	6,213	15,064	8,559	3,070	3,435
Owned	7,818	1,885	5,933	14,076	8,083	2,961	3,032
Rented	459	179	280	988	476	109	403
Single-deck	7,745	1,976	5,769	14,486	8,256	2,828	3,402
Owned	7,303	1,797	5,506	13,554	7,831	2,719	3,004
Rented	442	179	263	932	425	109	398
Double-deck	532	88	444	578	303	242	33
Owned	515	88	427	522	252	242	28
Rented	17	--------	17	56	51	--------	5
Number of busses in operation	7,681	1,901	5,780	13,297	7,596	2,709	2,992
Average number of busses operated in scheduled service during year	6,238	1,585	4,653	10,703	6,205	1,979	2,519
Number of passengers carried (thousands)	875,402	214,694	660,708	1,302,318	880,543	225,984	195,791
Revenue passengers	771,806	163,199	608,608	1,135,500	749,423	202,531	183,546
Pay-transfer passengers	12,453	4,583	7,871	12,162	4,361	6,528	1,273
Free-transfer passengers	85,235	45,667	39,568	143,729	118,704	15,658	9,367
Free passengers	5,907	1,246	4,661	10,928	8,055	1,268	1,605
Number of bus-miles (thousands)	272,518	65,905	206,613	499,025	275,633	102,770	120,622
Revenue miles	270,483	65,068	205,415	494,922	273,618	101,345	119,959
Nonrevenue miles	2,035	837	1,198	4,103	2,015	1,425	663
Number of bus-hours (thousands)	24,927	5,716	19,210	43,308	24,521	8,955	9,832
Revenue hours	24,571	5,632	18,939	42,760	24,265	8,722	9,773
Nonrevenue hours	356	84	271	548	256	233	59
Number killed or died from injuries	108	15	93	95	60	15	20
Number injured but not killed	10,082	3,151	6,931	11,820	8,226	2,643	951
INCOME STATISTICS (thousands of dollars)							
Operating revenues	68,121	15,135	52,986	99,884	57,178	22,232	20,474
Transportation revenues	67,253	15,004	52,248	98,329	56,444	21,747	20,138
Miscellaneous	868	131	738	1,555	734	485	336
Operating expenses	65,771	15,272	50,500	94,618	52,247	22,054	20,317
Maintenance of plant and equipment	23,717	5,398	18,319	30,134	16,850	7,280	6,004
Operation	36,056	8,554	27,502	54,637	30,270	12,645	11,722
General expense including traffic promotion	5,998	1,320	4,678	9,847	5,127	2,129	2,591
Net operating revenue, motorbus lines	2,349	[1] *137*	2,486	5,266	4,931	178	157
Net revenue from auxiliary operations	[1] *231*	--------	[1] *231*	4	--------	--------	4
Total net revenues, motorbus and auxiliary	2,119	[1] *137*	2,255	5,270	4,931	178	161
Taxes	2,880	584	2,295	6,024	3,388	1,431	1,205
Operating income, motorbus and auxiliary	[1] *761*	[1] *721*	[1] *40*	[1] *758*	1,542	[1] *1,252*	[1] *1,048*
Nonoperating income	295	32	264	545	62	159	324
Gross income	[1] *466*	[1] *690*	224	[1] *209*	1,605	[1] *1,094*	[1] *720*
Deductions from gross income	1,707	198	1,509	2,676	906	901	869
Net income	[1] *2,173*	[1] *888*	[1] *1,285*	[1] *2,885*	699	[1] *1,995*	[1] *1,589*
Number of employees	16,633	3,619	13,014	30,514	17,940	6,330	6,244
Salaried employees	2,333	265	2,068	3,896	2,105	827	964
Wage earners	14,300	3,354	10,946	26,618	15,835	5,503	5,280
Salaries and wages (thousands of dollars)	27,564	6,119	21,445	43,512	25,690	9,209	8,613
Salaries	3,340	657	2,683	6,439	3,351	1,337	1,751
Wages	24,224	5,462	18,762	37,073	22,339	7,872	6,862

[1] Deficit.

Source: Bureau of the Census, Department of Commerce.

No. 464.—MOTORBUS INDUSTRY: Statistics of Public and Private Carriers

	1931	1932	1933	1934	1935	1936
PUBLIC CARRIER (REVENUE) OPERATIONS						
Number of operating companies	5,250	5,201	5,200	5,024	4,700	4,780
Owned by:						
Motor carriers [1]	4,944	4,915	4,920	4,754	4,432	4,529
Electric railways	251	231	220	199	206	188
Steam railroads	55	55	60	71	62	63
City	4,870	975	850	805	800	815
Intercity		3,896	4,096	3,904	3,570	3,600
Sightseeing and irregular	380	330	254	315	330	365
Number of busses	45,400	45,000	45,000	43,000	45,000	49,000
Owned by:						
Motor carriers [1]	31,850	32,213	33,280	29,990	30,650	34,400
Electric railways	12,050	11,541	11,000	11,600	12,600	12,850
Steam railroads	1,500	1,246	720	1,410	1,750	1,750
City	14,050	16,225	16,500	17,580	19,250	22,000
Intercity	28,350	26,706	26,314	22,820	23,750	24,750
Sightseeing and irregular	3,000	2,069	2,186	2,600	2,000	2,250
Miles of route operated [2]	390,000	400,000	410,000	401,665	395,774	395,800
On lines owned by:						
Motor carriers	343,000	357,099	381,150	361,795	335,000	338,000
Electric railways	20,000	17,263	17,000	16,420	15,520	13,800
Steam railroads	27,000	25,638	11,850	23,450	45,254	44,000
City	10,600	14,830	17,442	19,665	24,000	24,750
Intercity	356,400	364,570	364,676	354,000	346,774	345,050
Sightseeing and irregular	23,000	20,600	27,882	28,000	25,000	26,000
Revenue bus-miles (millions)	[3] 1,604	[3] 1,513	1,521	1,544	1,813	2,042
City	521	537	547	595	691	750
Intercity	1,083	976	930	895	1,085	1,250
Sightseeing and irregular	(4)	(4)	44	54	38	42
Revenue passengers (millions)	1,726	1,663	1,672	2,203	2,501	3,280
City	1,325	1,300	1,323	1,809	2,084	2,800
Intercity	395	357	329	378	415	475
Sightseeing and irregular	6	6	20	15	2	5
Gross revenue (thousands of dollars)	310,000	292,250	283,199	310,600	393,046	466,708
City	107,000	100,000	98,619	131,200	145,596	183,708
Intercity	191,000	185,000	176,580	171,200	239,950	275,000
Sightseeing and irregular	12,000	7,250	8,000	8,200	7,500	8,000
Investment in plant and equipment [5] (thousands of dollars)	322,500	334,810	331,585	362,235	407,817	446,280
Number of employees	101,000	88,500	85,578	94,532	106,831	115,680
Total taxes and fees (thousands of dollars)	36,650	38,650	37,500	37,280	40,375	43,601
Special taxes and fees [6]	32,525	34,500	33,470	33,300	35,625	38,476
General taxes [7]	4,125	4,150	4,030	3,980	4,750	5,126
PRIVATE CARRIER (NONREVENUE) OPERATIONS						
Number of operating agencies	17,750	22,400	23,900	24,100	28,740	32,450
School	16,700	21,500	23,400	23,600	28,240	31,950
Others	1,050	900	500	500	500	500
Number of busses operated	53,500	60,700	61,500	65,130	72,850	74,900
School	51,500	59,000	60,300	64,130	71,850	73,900
Others	2,000	1,700	1,200	1,000	1,000	1,000
Miles of route operated	508,000	649,800	692,000	706,600	929,000	994,000
School	500,000	642,500	688,000	702,600	925,000	990,000
Others	8,000	7,300	4,000	4,000	4,000	4,000
Passengers carried (millions)	313	332	437	524	594	640
School	296	317	427	514	584	630
Others	17	15	10	10	10	10

[1] Common carriers and sightseeing carriers.
[2] Figures for 1936 represent miles of highway covered.
[3] Not including sightseeing and irregular bus-miles.
[4] Not available.
[5] Rolling stock only.
[6] 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.
[7] All taxes paid as citizens and businesses in general.

Source: National Association of Motor Bus Operators.

No. 465.—COMMON CARRIER MOTORBUS TRANSPORTATION, MOTORTRUCKING FOR HIRE, AND PUBLIC WAREHOUSING: SUMMARY FOR THE UNITED STATES, 1935

NOTE.—**Revenue and pay roll in thousands of dollars.** The motorbus transportation census was limited to concerns that received 50 percent or more of their revenue from common carrier bus transportation operations, excluding bus lines operated by municipalities, electric railway companies and their subsidiaries, and directly by steam railroads. School bus operations are also not included. The survey of motor trucking for hire covered only those concerns that received 50 percent or more of their revenue from the transportation of other people's goods for a price and whose annual revenue was at least $200. Individuals and concerns engaged primarily in trucking for their own use are not included. While the coverage of trucking for hire is not complete, data must represent a large proportion of such business. The classification of motortrucking for hire and bus transportation concerns into local, intrastate, and interstate is based on the type of operation which accounted for the major portion of their business. The warehousing survey was limited to individuals and companies receiving 50 percent or more of their revenue from public warehousing and at least $500 revenue, excluding the following types of public warehousing: Field warehouses, apple sheds, potato pits, State and municipal warehouses, open yard and wharf storage, and automobile storage

	Number of concerns [1]	Number of vehicles	Revenue	Active proprietors	Employees, average for year [2]	Pay roll [3]		
						Total	Full-time	Part-time
MOTORBUS TRANSPORTATION								
United States	**1,751**	**19,182**	**167,933**	**943**	**39,613**	**55,267**	**54,586**	**681**
By kind of business:								
Local	791	7,922	52,099	439	14,743	20,838	20,566	272
Intrastate	709	5,352	35,355	419	9,023	11,849	11,560	289
Interstate	251	5,908	80,479	85	15,847	22,580	22,460	120
By legal form:								
Proprietorship	750	--------	7,422	750	1,971	1,879	1,768	111
Partnership	112	--------	1,540	193	424	398	379	19
Corporation	889	--------	158,971	--------	37,218	52,990	52,439	551
MOTORTRUCKING FOR HIRE								
United States	**61,216**	**188,809**	**530,860**	**59,621**	**158,283**	**179,485**	**165,015**	**14,470**
By kind of business:								
Local	45,685	96,269	204,127	44,821	68,516	70,717	61,696	9,021
Intrastate	10,217	42,692	131,017	9,983	37,561	42,473	39,897	2,576
Interstate	5,314	49,848	195,716	4,817	52,206	66,295	63,422	2,873
By legal form:								
Proprietorship	53,403	--------	188,041	51,487	56,412	45,635	38,095	7,540
Partnership	4,311	--------	45,173	8,134	12,650	12,268	10,691	1,577
Corporation	3,502	--------	297,646	--------	89,221	121,582	116,229	5,353
PUBLIC WAREHOUSING								
United States	**[1] 3,014**	--------	**97,871**	**1,159**	**32,785**	**37,715**	**34,720**	**2,995**
By kind of business:								
Household goods	649	--------	19,204	262	5,487	7,833	7,204	629
General merchandise	692	--------	29,099	194	9,925	12,385	11,575	810
Farm products	1,296	--------	22,573	627	10,243	7,921	7,031	890
Cold storage	377	--------	26,995	76	7,130	9,576	8,910	666
By legal form:								
Proprietorship	832	--------	6,822	665	2,598	2,063	1,743	320
Partnership	335	--------	3,252	494	1,064	959	808	151
Corporation	1,847	--------	87,797	--------	29,123	34,693	32,169	2,524

DETAILED SOURCES OF REVENUE, BY KINDS OF BUSINESS

Source of revenue	Total	Local	Intrastate	Interstate
MOTORBUS TRANSPORTATION				
Revenue, total	**167,933**	**52,099**	**35,355**	**80,479**
Passenger revenues	162,287	51,309	33,586	77,392
Scheduled operations	158,146	49,997	32,193	75,956
Local	52,089	49,133	913	2,043
Intrastate	38,902	717	29,412	8,773
Interstate	67,155	147	1,868	65,140
Other	4,141	1,312	1,393	1,436
Trucking	3,073	235	985	1,853
Miscellaneous	2,573	555	784	1,234
MOTORTRUCKING FOR HIRE				
Revenue, total	**530,860**	**204,127**	**131,017**	**195,716**
Trucking	511,866	192,225	127,710	191,931
Local	192,926	180,309	6,888	5,729
Intrastate	132,022	7,194	110,430	14,398
Interstate	186,918	4,722	10,392	171,804
Warehousing	12,383	8,968	1,468	1,947
Other	6,611	2,934	1,839	1,838

Source of revenue and kind of business	Amount
PUBLIC WAREHOUSING	
Revenue, total	**97,871**
Warehousing	85,247
Trucking	6,563
Local	5,510
Intrastate	529
Interstate	524
Other	6,061
Household goods [4]	19,204
Warehousing	13,553
Trucking	4,304
General merchandising [4]	29,099
Warehousing	25,231
Trucking	1,928
Farm products and cold storage [4]	49,568
Warehousing	46,463
Trucking	331

[1] "Number of establishments" for public warehousing.
[2] Full-time and part-time employees. For employment data by occupational groups see table, p. 369.
[3] Includes no compensation for proprietors and firm members of unincorporated business.
[4] Includes revenue from miscellaneous sources not shown separately.

Source: Bureau of the Census, Department of Commerce.

No. 466.—CIVIL AERONAUTICS: Summary of Statistics

Item	1928	1930	1932	1934	1935	1936
SCHEDULED AIR TRANSPORT OPERATIONS						
Services in operation Dec. 31 [1]	63	122	136	98	109	110
Miles of all airways in operation Dec. 31	16,667	49,549	48,530	50,801	60,451	61,532
Domestic [2]	15,590	29,887	28,550	28,084	28,267	28,874
Foreign [2]	1,077	19,662	19,980	22,717	32,184	32,658
Airplanes in service and reserve Dec. 31:						
Number	325	600	564	518	459	380
Domestic [2]	268	497	456	417	356	272
Foreign [2]	57	103	108	101	103	108
Value (thousands of dollars)	7,000	11,490	8,763	10,500	12,465	15,200
Total personnel employed Dec. 31 [1]	1,496	3,475	[3] 5,588	[3] 6,455	[3] 8,333	[3] 9,972
Pilots and copilots employed	308	675	709	751	987	1,233
Airplane-miles flown, all operators (thousands)	10,673	36,945	50,933	48,787	63,540	73,304
Domestic [2]	10,400	31,993	45,606	40,955	55,380	63,777
Foreign [2]	273	4,953	5,327	7,831	8,160	9,527
Airplane-miles flown daily, average for the year [1]	29,242	101,220	139,542	133,662	174,084	201,017
Passengers carried	49,713	417,505	540,681	561,370	860,761	1,147,969
Domestic [2]	47,840	374,935	474,279	461,743	746,946	1,020,931
Foreign [2]	1,873	42,570	66,402	99,627	113,815	127,038
Average passenger-mile rate (domestic)	$0.11	$0.083	$0.061	$0.059	$0.057	$0.057
Express and freight carried [4] (thousands of pounds)	217	469	1,601	3,450	5,512	8,350
Domestic [2]	210	360	1,034	2,133	3,822	6,959
Foreign [2]	6	109	567	1,316	1,689	1,391
Miles of mail airways Dec. 31 [1]	14,561	41,501	45,436	46,003	51,428	51,740
Airplane-miles flown with mail [1] (thousands)	7,846	19,904	36,053	[5] 27,340	39,977	44,028
Mail carried by contractors (thousands of pounds)	4,063	8,514	7,909	7,872	13,780	18,324
Domestic [2]	3,546	7,985	7,393	7,411	13,276	17,706
Foreign [2]	518	529	515	461	504	618
Mail income to contractors (thousands of dollars)	7,433	20,016	26,234	[6] 15,722	17,266	19,724
Domestic [2]	7,205	14,703	19,294	[6] 8,804	10,663	12,434
Foreign [2]	227	5,313	6,940	6,918	6,603	7,291
MISCELLANEOUS [7]						
Airplane-miles flown, miscellaneous flying operations (thousands)	60,000	108,270	78,179	75,602	84,756	93,320
Miles airways lighted by Department of Commerce	6,988	15,258	19,500	19,081	22,012	22,245
Under construction	2,314	3,221	----------	3,048	338	----------
Beacons, revolving and flashing (federally operated)	1,188	1,652	1,988	1,520	1,868	1,918
Beacons, privately owned and certified	54	140	228	310	330	410
Radio broadcast stations	29	45	61	71	74	80
Radio range beacon stations	2	33	68	112	137	146
Radio marker beacons	----------	6	74	84	57	57
Weather reporting airway and airport stations [8]	----------	143	234	206	203	213
Weather Bureau first-order stations	206	209	216	185	191	182
Commercial and private airports	365	564	645	618	552	525
Municipal airports	368	550	549	702	739	738
Intermediate landing fields—Department of Commerce—						
Lighted	210	347	337	250	282	284
Unlighted	----------	7	15	9	9	12
Auxiliary airports—marked	340	240	476	580	630	622
Army, Navy, Marine Corps, National Guard, Reserve, and miscellaneous airports	81	74	95	138	156	161
Pilots licensed (active), airplane [9]	4,887	15,280	18,594	13,949	14,805	15,952
Airplanes licensed (active) [9]	3,165	7,354	7,330	6,339	7,371	7,424

[1] Domestic and foreign; see note 2.
[2] Domestic scheduled air lines operate within the continental limits of the United States; foreign operations cover activities of American air lines in foreign countries.
[3] Includes operation and office personnel.
[4] Not including express and freight privately carried.
[5] Includes 1,719,919 airplane-miles flown by Army Air Corps.
[6] Includes $2,249,004 paid to Army Air Corps.
[7] All data, except airplane-miles flown, are as of Dec. 31; figures, except as noted, cover the domestic field only.
[8] Long line teletypewriter equipped.
[9] Pilots and airplanes licensed by the American Government; figures include some pilots and airplanes operating on foreign extensions.

Source: Bureau of Air Commerce, Department of Commerce.