TABLE 75.—OPERATING EXPENSES, BY PRIMARY ACCOUNTS, BY GEOGRAPHIC DIVISIONS AND STATES, AND FOR HAWAII, PHILIPPINE ISLANDS, AND PORTO RICO: 1927

DIVISION AND STATE	Number of operating companies	ALL OPERATING EXPENSES			WAY AND STRUCTURES								
		Aggregate	Railway	Auxiliary	Total	Superintendence of way and structures	Maintenance of way	Maintenance of electric lines	Buildings, fixtures, and grounds	Depreciation of way and structures	Other operations	Other operations—credit	Railway operations—net total
UNITED STATES	682	$694, 460, 422	$686, 638, 415	$7, 822, 007	$96, 744, 189	$5, 800, 402	$55, 970, 276	$10, 045, 435	$5, 834, 278	$18, 931, 812	$161, 986	$458, 814	$96, 285. 375
GEOGRAPHIC DIVISIONS:													
New England	59	66, 629. 707	65, 452, 388	1, 177, 319	10, 282, 873	673, 296	6, 040, 117	1, 093. 773	605, 878	1, 780, 780	89, 029	558	10, 282, 315
Middle Atlantic	184	234, 985, 058	234, 509, 712	475, 346	33, 670, 755	2, 452, 952	18, 962, 086	3, 394, 607	2, 668, 656	6, 180, 089	12, 365	262, 025	33, 408, 730
East North Central	164	187, 714, 533	183, 051, 207	4, 663, 326	23, 026, 896	1, 229, 090	14, 605, 328	2, 513, 109	1, 456, 614	3. 181, 491	41, 264	173, 969	22, 852, 927
West North Central	69	48, 950, 179	48, 650, 578	299, 601	6, 706, 061	265, 805	3, 244, 490	594, 942	196, 291	2, 403, 357	1, 176	365	6. 705, 696
South Atlantic	62	44, 780, 763	43. 848, 979	931, 784	6, 429, 701	295, 901	3. 453, 912	720, 979	265, 167	1, 693, 742		506	6, 429, 195
East South Central	26	15, 560, 807	15, 402, 036	158, 771	2, 136. 524	117, 890	1, 220, 051	267, 534	77, 859	450, 850	2, 340	120	2, 136, 404
West South Central	44	20, 575, 545	20, 486, 040	89, 505	2, 425, 223	171, 335	1, 553. 205	301, 359	124, 318	259, 194	15, 812	3, 980	2, 421, 243
Mountain	28	8, 339, 856	8, 313, 501	26, 355	1, 443, 723	83, 529	759, 363	96, 686	54, 506	449, 639		16, 786	1, 426, 937
Pacific	46	66, 923, 974	66, 923, 974		10, 622, 433	510, 604	6, 131, 724	1, 062, 446	384, 989	2, 532, 670		505	10. 621, 928
NEW ENGLAND:													
Maine	13	2, 985. 719	2, 973, 074	12, 645	697. 805	23, 263	455, 798	62, 334	14, 210	142, 200			697, 805
New Hampshire	8	893, 984	893, 984		159, 043	3, 812	113, 128	17. 328	4, 446	20, 329			159, 043
Vermont	5	329, 446	329, 446		52, 199	1, 674	41, 603	4, 163	1, 095	3, 664			52, 199
Massachusetts	27	43, 952, 702	43, 941, 741	10, 961	6. 414, 836	467, 617	3, 363, 563	563, 688	519, 642	1, 411, 297	89. 029		6, 414, 836
Rhode Island and Connecticut [1]	6	18, 467, 856	17, 314, 143	1, 153, 713	2, 958, 990	176, 930	2, 066, 025	446, 260	66, 485	203, 290		558	2, 958, 432
MIDDLE ATLANTIC:													
New York	80	144, 203, 415	144, 060, 771	142, 644	21, 090, 068	1, 672, 065	12, 936, 714	2, 083. 121	2, 041, 421	2, 344, 499	12, 248	174, 718	20, 915, 350
New Jersey	14	15, 793, 777	15, 793, 777		2, 121, 000	148, 163	1, 207, 560	236, 856	113, 472	414, 949		225	2, 120, 775
Pennsylvania	90	74, 987, 866	74, 655, 164	332, 702	10, 459, 687	632, 724	4, 817, 812	1, 074, 630	513, 763	3, 420, 641	117	87, 082	10, 372, 605
EAST NORTH CENTRAL:													
Ohio	55	48, 728, 746	47, 999, 141	729, 605	7, 248, 568	393, 744	4, 354, 840	910, 902	268, 479	1, 308, 990	11, 613	48, 349	7, 200, 219
Indiana	21	20, 083, 501	19. 835, 463	248, 038	3, 544, 476	151, 630	2, 572, 273	378, 927	192, 928	248, 716	2	51, 575	3, 492, 901
Illinois	52	77, 603, 517	77, 252, 008	351, 509	7, 659, 711	407, 599	5, 215, 708	745, 774	688, 417	572, 631	29, 582	74. 045	7. 585, 666
Michigan	20	29, 794, 673	26, 460, 499	3, 334, 174	3, 121, 510	239, 838	1, 755, 654	346, 024	241, 167	538, 793	34		3, 121, 510
Wisconsin	16	11, 504, 096	11, 504, 096		1, 452, 631	36. 279	706, 853	131, 482	65, 623	512, 361	33		1, 452, 631

WEST NORTH CENTRAL:													
Minnesota	10	10,689,288	10,689,288	----------	1,453,839	47,192	640,417	88,272	39,359	638,226	382	----------	1,453,839
Iowa	19	7,768,058	7,538,345	229,713	1,072,524	53,914	603,254	135,750	37,921	241,233	452	----------	1,072,524
Missouri	15	24,393,148	24,393,148	----------	3,167,346	139,882	1,525,787	277,095	94,986	1,129,590	----------	----------	3,167,346
North Dakota and South Dakota [1]	5	397,350	397,350	----------	40,472	1,175	10,469	4,633	3,601	20,594	----------	----------	40,472
Nebraska	4	2,825,798	2,755,910	69,888	328,960	18,425	78,146	32,798	7,319	192,272	----------	365	328,595
Kansas	16	2,876,537	2,876,537	----------	642,920	5,217	386,417	56,394	13,114	181,436	342	----------	642,920
SOUTH ATLANTIC:													
Delaware, Maryland, and District of Columbia [1]	7	21,762,184	21,599,713	162,471	2,959,889	124,612	1,492,163	260,775	150,249	932,090	----------	395	2,959,494
Virginia	17	5,489,602	5,419,676	69,926	823,721	73,524	530,760	110,991	31,361	77,085	----------	111	823,610
West Virginia	10	4,961,913	4,898,737	63,176	1,018,674	45,570	618,711	119,389	30,600	205,004	----------	----------	1,018,674
North Carolina	8	1,410,247	1,410,247	----------	194,196	2,851	136,266	22,909	3,592	28,578	----------	----------	194,196
South Carolina	6	2,139,936	2,139,936	----------	307,055	20,256	222,658	33,205	18,864	12,072	----------	----------	307,055
Georgia	7	5,283,019	5,283,019	----------	642,356	13,277	310,075	89,942	23,773	205,289	----------	----------	642,356
Florida	7	3,733,862	3,097,651	636,211	483,810	15,811	143,279	83,768	7,328	233,624	----------	----------	483,810
EAST SOUTH CENTRAL:													
Kentucky	7	6,068,836	5,910,065	158,771	868,023	47,460	582,968	125,753	37,236	74,606	----------	----------	868,023
Tennessee	13	5,045,538	5,045,538	----------	550,296	29,651	354,269	75,080	22,010	69,286	----------	120	550,176
Alabama	3	4,100,243	4,100,243	----------	643,164	26,861	234,773	60,929	16,188	302,073	2,340	----------	643,164
Mississippi	3	346,190	346,190	----------	75,041	13,918	48,041	5,772	2,425	4,885	----------	----------	75,041
WEST SOUTH CENTRAL:													
Arkansas	7	1,139,787	1,139,787	----------	120,026	6,047	71,833	19,148	4,739	3,062	15,197	----------	120,026
Louisiana	7	5,506,759	5,492,859	13,900	545,319	41,860	345,898	59,439	66,423	31,699	----------	3,980	541,339
Oklahoma	10	3,022,143	3,022,143	----------	517,156	26,938	295,888	49,604	11,525	133,201	----------	----------	517,156
Texas	20	10,906,856	10,831,251	75,605	1,242,722	96,490	839,586	173,168	41,631	91,232	615	----------	1,242,722
MOUNTAIN: [1]													
Montana and Idaho [1]	6	1,141,367	1,118,940	22,427	214,051	7,815	101,498	25,533	12,399	66,806	----------	----------	214,051
Colorado	10	3,706,838	3,702,910	3,928	685,145	42,375	239,789	35,147	25,298	342,536	----------	16,786	668,359
New Mexico and Arizona [1]	5	334,984	334,984	----------	37,843	3,351	26,229	3,667	72	4,524	----------	----------	37,843
Utah and Nevada [1]	7	3,156,667	3,156,667	----------	506,684	29,988	391,847	32,339	16,737	35,773	----------	----------	506,684
PACIFIC:													
Washington	18	10,543,976	10,543,976	----------	1,844,517	51,466	892,464	156,318	38,439	705,830	----------	505	1,844,012
Oregon	4	5,498,132	5,498,132	----------	850,763	56,124	542,743	66,042	29,072	156,782	----------	----------	850,763
California	24	50,881,866	50,881,866	----------	7,927,153	403,014	4,696,517	40,086	317,478	1,670,058	----------	----------	7,927,153
Hawaii, Philippine Islands, and Porto Rico [1]	4	3,411,462	2,099,456	1,312,006	375,250	16,320	160,456	26,955	6,888	164,631	----------	----------	375,250

See footnotes p. 149.

TABLE 75.—OPERATING EXPENSES, BY PRIMARY ACCOUNTS, BY GEOGRAPHIC DIVISIONS AND STATES, AND FOR HAWAII, PHILIPPINE ISLANDS, AND PORTO RICO: 1927—Continued

DIVISION AND STATE	EQUIPMENT								POWER				
	Total	Superintendence of equipment	Maintenance of equipment	Miscellaneous equipment expenses	Depreciation and retired equipment	Other operations	Other operations—credit	Railway operations—net total	Total	Superintendence of power	Power plant buildings, fixtures, and grounds	Maintenance of power equipment	Depreciation of power plant, buildings, and equipment
UNITED STATES	$93,568,953	$4,003,149	$63,164,222	$8,500,935	$17,761,935	$138,712	$704,203	$92,864,750	$100,047,198	$1,062,645	$317,007	$3,095,324	$3,092,802
GEOGRAPHIC DIVISIONS:													
New England	10,898,843	437,404	5,813,530	973,692	3,674,217			10,898,843	9,240,388	201,412	142,234	637,219	1,136,863
Middle Atlantic	33,875,933	1,484,324	24,815,453	2,515,230	5,059,929	997	7,411	33,868,522	39,274,310	260,887	29,976	747,001	733,286
East North Central	22,390,115	962,649	16,246,120	2,235,937	2,885,895	59,514	669,636	21,720,479	24,118,935	279,651	80,328	938,586	355,826
West North Central	5,962,376	228,305	3,925,294	521,667	1,263,536	23,574	1,010	5,961,366	7,154,860	116,888	17,662	321,786	451,412
South Atlantic	5,597,359	237,100	3,421,993	407,494	1,511,507	19,265	3	5,597,356	5,855,825	51,449	6,006	99,413	99,109
East South Central	1,738,101	89,197	1,205,858	144,592	280,684	17,770	120	1,737,981	2,110,080	23,706	7,432	51,635	109,287
West South Central	2,401,131	150,329	1,698,132	231,398	321,272			2,401,131	2,818,720	25,032	10,109	77,773	67,098
Mountain	1,254,245	53,901	831,704	107,449	253,599	17,592	24,740	1,239,505	1,295,565	10,910	2,828	23,537	89,366
Pacific	9,440,850	359,940	5,206,138	1,363,476	2,511,296		1,283	9,439,567	8,178,515	92,710	20,432	198,374	50,555
NEW ENGLAND:													
Maine	449,688	23,197	257,375	33,449	122,667			449,688	339,835	4,738	53	7,096	16,127
New Hampshire	149,736	8,373	95,259	3,036	43,058			149,736	172,658		3	1,899	1,915
Vermont	38,669	1,886	19,034	6,878	10,871			38,669	78,889	2,549	59	4,000	1,167
Massachusetts	7,561,764	283,820	4,000,867	631,429	2,645,648			7,561,764	5,964,873	139,167	111,303	412,156	692,419
Rhode Island and Connecticut[1]	2,698,986	117,128	1,430,985	298,900	851,973			2,698,986	2,684,133	54,958	30,816	212,068	425,235
MIDDLE ATLANTIC:													
New York	22,106,364	1,054,592	17,764,553	1,715,073	1,571,820	326	2,131	22,104,233	26,533,717	162,764	9,333	92,460	524,602
New Jersey	2,352,578	70,551	1,449,772	176,525	655,730			2,352,578	2,158,583	6,313	690	16,067	12,136
Pennsylvania	9,416,991	359,181	5,601,128	623,632	2,832,379	671	5,280	9,411,711	10,582,010	91,810	19,953	638,474	196,548
E. NORTH CENTRAL:													
Ohio	5,917,150	217,895	3,907,925	641,345	1,146,486	3,499	18,242	5,898,908	6,425,552	122,200	35,916	282,664	106,832
Indiana	2,515,772	99,910	1,719,141	221,206	475,500	15	66,343	2,449,429	3,421,259	32,613	8,372	125,720	86,976
Illinois	9,088,819	471,635	7,202,220	818,559	596,405		585,051	8,503,768	9,245,532	84,655	26,054	469,729	142,924
Michigan	3,009,942	96,319	2,155,535	387,853	314,235	56,000		3,009,942	3,650,800	37,483	7,974	54,676	10,443
Wisconsin	1,858,432	76,890	1,261,299	166,974	353,269			1,858,432	1,375,792	2,700	2,012	5,797	8,651

W. North Central:													
Minnesota	1,270,988	55,267	710,178	116,687	388,856			1,270,988	1,074,226	33,747	2,256	42,726	111,739
Iowa	1,057,094	44,866	644,023	79,054	267,442	21,709		1,057,094	1,482,130	14,377	4,514	104,454	100,348
Missouri	2,892,914	100,786	2,118,701	258,991	412,571	1,865		2,892,914	3,600,416	50,174	9,866	157,810	150,464
North Dakota and South Dakota [1]	77,612	125	27,358	13,331	36,798			77,612	71,193				
Nebraska	306,813	12,015	210,747	29,476	54,575		1,010	305,803	473,979	7,364	783	7,359	57,600
Kansas	356,955	15,246	214,287	24,128	103,294			356,955	452,916	11,226	243	9,437	31,261
South Atlantic:													
Delaware, Maryland, and District of Columbia [1]	2,898,729	85,880	1,660,504	245,367	906,924	54	3	2,898,726	2,768,964	35,374	3,386	63,588	51,679
Virginia	607,189	38,724	486,130	30,857	51,478			607,189	579,853	2,605	235	6,019	5,888
West Virginia	590,818	33,109	380,643	33,290	143,786			590,818	746,357	1,915	10	1,970	2,144
North Carolina	196,250	7,160	129,043	9,876	30,960	19,211		196,250	165,308			2,547	
South Carolina	251,797	15,221	162,479	19,999	54,098			251,797	284,189	7,852	314	8,789	
Georgia	516,086	24,751	348,838	42,485	100,012			516,086	887,146			418	
Florida	536,490	32,255	254,356	25,630	224,249			536,490	424,008	3,703	2,061	16,082	39,398
E. South Central:													
Kentucky	602,560	34,031	396,086	62,315	110,128			602,560	865,091	17,923	5,752	43,131	84,000
Tennessee	552,127	34,450	418,974	53,781	44,922		120	552,007	686,237	2,903	295	2,940	6,137
Alabama	525,004	19,524	343,174	24,092	120,444	17,770		525,004	514,171	2,280	1,353	5,045	19,150
Mississippi	58,410	1,192	47,624	4,404	5,190			58,410	44,581	600	32	519	
W. South Central:													
Arkansas	129,608	13,249	108,427	4,524	3,408			129,608	147,643				
Louisiana	511,984	34,217	390,214	70,969	16,584			511,984	682,454	4,967		47	10,561
Oklahoma	499,227	17,867	250,832	73,345	157,183			499,227	463,801	8,140	2,103	24,003	56,537
Texas	1,260,312	84,996	948,659	82,560	144,097			1,260,312	1,524,822	11,925	8,006	53,723	
Mountain: [2]													
Montana and Idaho [1]	157,488	6,464	124,075	4,667	22,282			157,488	209,853		226	610	6,690
Colorado	573,743	20,966	346,833	63,856	142,088		24,740	549,003	461,453	6,113	1,966	13,733	61,382
New Mexico and Arizona [1]	62,203	8,142	45,786	2,191	6,084			62,203	67,244			1,324	895
Utah and Nevada [1]	470,811	18,329	315,010	36,735	83,145	17,592		470,811	557,015	4,797	636	7,870	20,399
Pacific:													
Washington	1,699,660	72,622	866,781	318,459	441,798			1,699,660	1,429,672	15,495	501	22,933	1,083
Oregon	738,428	24,194	463,561	88,794	161,879			738,428	350,355	6,247	214	9,617	497
California	7,002,762	263,124	3,875,796	956,223	1,907,619		1,283	7,001,479	6,398,488	70,968	19,717	165,824	48,975
Hawaii, Philippine Islands, and Porto Rico [1]	330,009	14,084	162,389	26,960	126,576			330,009	455,006	3,372	181	2,201	12,892

See footnotes p. 149.

TABLE 75.—OPERATING EXPENSES, BY PRIMARY ACCOUNTS, BY GEOGRAPHIC DIVISIONS AND STATES, AND FOR HAWAII, PHILIPPINE ISLANDS, AND PORTO RICO: 1927—Continued

DIVISION AND STATE	POWER—continued										CONDUCTING TRANSPORTATION	
	Power-plant employees	Fuel for power	Water for power	Other power supplies and expenses	Substation employees	Power purchased and exchanged	Other operations	Credits: Power purchased and exchanged	Credits: Other operations	Railway operations—net total	Total	Superintendence of transportation
UNITED STATES	$3,617,009	$16,190,670	$181,925	$2,701,290	$3,954,901	$65,822,162	$11,460	$113,330	$1,331,634	$98,602,234	$294,321,976	$21,393,360
GEOGRAPHIC DIVISIONS:												
New England	899,251	2,989,932	70,821	96,388	408,585	2,657,683		21,459	148,752	9,070,177	26,921,799	2,662,703
Middle Atlantic	1,530,716	7,991,546	68,154	2,198,019	1,404,294	24,303,648	6,783	5,919	96,249	39,172,142	92,396,501	7,511,621
East North Central	480,744	1,751,687	9,493	202,528	864,809	19,150,660	4,623	73,804	356,917	23,688,214	87,007,835	4,659,256
West North Central	448,052	1,831,542	17,230	51,797	288,033	3,610,404	54	8,924	362,970	6,782,966	21,296,652	1,393,458
South Atlantic	74,744	361,349	5,319	58,341	256,270	4,843,825			107,930	5,747,895	18,955,283	1,685,431
East South Central	61,905	236,116	1,252	26,551	86,478	1,505,718				2,110,080	6,800,012	620,504
West South Central	61,128	458,691	6,187	20,181	96,549	1,995,972		3,224	30,382	2,785,114	8,772,897	744,616
Mountain	41,700	219,843	3,207	5,960	49,980	848,234				1,295,565	3,064,097	246,024
Pacific	18,769	349,964	262	41,525	499,906	6,906,018			228,434	7,950,081	29,106,900	1,869,747
NEW ENGLAND:												
Maine	4,843	4,745		3,403	26,863	271,967				339,835	1,059,153	107,876
New Hampshire	6,140	2,932	50	2,092	3,958	153,669				172,658	299,417	18,424
Vermont	1,507	1,237		84	7,669	60,617				78,889	112,724	10,054
Massachusetts	628,602	2,079,815	40,162	67,963	261,845	1,531,441		21,459	148,752	5,794,662	18,491,677	1,931,458
Rhode Island and Connecticut[1]	258,159	901,203	30,609	22,846	108,250	639,989				2,684,133	6,958,828	594,891
MIDDLE ATLANTIC:												
New York	959,596	6,861,739	43,822	2,119,405	1,034,467	14,723,833	1,696		80,065	26,453,652	54,171,238	4,449,899
New Jersey	39,785	89,955	3,348	2,879	8,919	1,978,491		319		2,158,264	5,907,530	757,537
Pennsylvania	531,335	1,039,852	20,984	75,735	360,908	7,601,324	5,087	5,600	16,184	10,560,226	32,317,733	2,304,185
EAST NORTH CENTRAL:												
Ohio	173,498	597,884	2,223	72,291	274,183	4,753,238	4,623	73,804	206,679	6,145,069	20,266,473	1,411,208
Indiana	87,522	554,510	4,569	61,223	132,927	2,326,827			13,433	3,407,826	6,995,014	466,944
Illinois	33,651	107,799	14	40,895	412,555	7,927,256			133,491	9,112,041	41,078,307	1,627,194
Michigan	164,218	316,807	2,619	24,828	35,801	2,995,951			3,314	3,647,486	13,210,895	786,258
Wisconsin	21,855	174,687	68	3,291	9,343	1,147,388				1,375,792	5,457,146	367,652

West North Central:												
Minnesota	109,191	482,377		13,004	63,438	215,748			10,576	1,063,650	5,248,550	389,922
Iowa	96,415	540,004	511	12,044	58,539	550,924			189,663	1,292,467	2,740,506	196,643
Missouri	171,637	495,857	12,160	11,841	133,380	2,407,227			161,670	3,438,746	10,962,351	673,576
North Dakota and South Dakota [1]		20,087	25	4,097		46,984				71,193	148,583	11,902
Nebraska	52,980	262,100	3,998	4,761	9,048	67,986		8,924	1,061	463,994	1,264,381	54,908
Kansas	17,829	31,117	536	6,050	23,628	321,535	54			452,916	932,281	66,507
South Atlantic:												
Delaware, Maryland, and District of Columbia [1]	55,645	251,743	1,816	14,254	159,554	2,131,925			96,764	2,672,200	10,070,932	853,922
Virginia				452	26,152	538,502				579,853	2,401,049	220,655
West Virginia				1,478	10,658	728,182			6,277	740,080	1,784,759	155,095
North Carolina				96	8,666	153,999				165,308	581,626	30,932
South Carolina				13,665	24,323	229,246			4,889	279,300	604,485	58,574
Georgia	2,231	8,221	566	23,856	22,404	829,450				887,146	2,380,112	246,372
Florida	16,868	101,385	2,937	4,540	4,513	232,521				424,008	1,132,320	119,881
East South Central:												
Kentucky	46,451	203,443	817	15,045	46,588	401,941				865,091	2,570,885	236,066
Tennessee	1,321	1,769		3,290	15,724	651,858				686,237	2,261,994	211,828
Alabama	13,269	30,904	435	8,216	24,166	409,353				514,171	1,860,443	161,101
Mississippi	864					42,566				44,581	106,690	11,50
West South Central:												
Arkansas		666		15		146,962				147,643	506,062	40,766
Louisiana	11,470	73,763	1,462	4,595	4,524	571,065			5,920	676,534	2,834,588	142,62
Oklahoma	24,230	158,716	1,115	7,262	20,424	161,271			520	463,281	923,467	66,109
Texas	25,428	225,546	3,610	8,309	71,601	1,116,674		3,224	23,942	1,497,656	4,508,780	495,117
Mountain: [2]												
Montana and Idaho [1]				837	7,340	194,150				209,853	403,892	23,189
Colorado	41,700	201,341	2,317	2,589	19,182	111,130				461,453	1,567,760	137,653
New Mexico and Arizona [1]		1,293		628	225	62,879				67,244	140,324	8,750
Utah and Nevada [1]		17,209	890	1,906	23,233	480,075				557,015	952,121	76,432
Pacific:												
Washington	3,964	99,116		3,636	52,058	1,230,886			1,144	1,428,528	4,126,683	221,572
Oregon		41,114		416	6,374	285,876				350,355	2,747,150	162,038
California	14,805	209,734	262	37,473	441,474	5,389,256			227,290	6,171,198	22,233,067	1,486,137
Hawaii, Philippine Islands, and Porto Rico [1]	11,254	49,028		2,564		324,014				405,506	670,050	61,792

See footnotes p. 149.

TABLE 75.—OPERATING EXPENSES, BY PRIMARY ACCOUNTS, BY GEOGRAPHIC DIVISIONS AND STATES, AND FOR HAWAII, PHILIPPINE ISLANDS, AND PORTO RICO: 1927—Continued

DIVISION AND STATE	CONDUCTING TRANSPORTATION—continued		Traffic expenses	GENERAL AND MISCELLANEOUS									Transportation for investment—credit
	Wages of conductors, motormen, and trainmen	Miscellaneous transportation expenses		Total	Salaries and expenses of general officers	General expenses	Injuries and damages	Insurance	Rent of tracks, facilities, and equipment	Other operations	Other operations—credit	Railway operations—net total	
UNITED STATES	$208,631,240	$64,297,376	$4,029,071	$101,480,717	$11,329,132	$39,122,882	$32,786,592	$4,847,571	$13,242,420	$152,120	$648,492	$100,832,225	$297,216
GEOGRAPHIC DIVISIONS:													
New England	18,990,533	5,268,563	116,874	8,170,058	781,332	3,444,874	2,746,389	701,796	477,283	18,384	375	8,169,683	7,303
Middle Atlantic	61,644,801	23,240,079	692,936	35,046,730	4,228,182	13,243,556	13,304,776	1,326,279	2,936,759	7,178	72,046	34,974,684	3,803
E. North Cental	62,193,971	20,154,608	1,601,753	26,638,584	2,532,497	9,456,184	7,927,088	1,396,085	5,281,125	45,605	361,393	26,277,191	97,192
W. North Central	16,835,762	3,067,432	346,352	7,629,081	996,280	2,731,011	2,546,223	358,661	963,528	33,378	24,203	7,604,878	47,332
South Atlantic	14,079,207	3,190,645	244,260	7,047,238	818,606	3,087,155	2,169,009	315,179	637,373	19,916	150,922	6,896,316	21,326
E. South Central	5,243,923	935,585	78,872	2,538,714	420,794	949,527	815,045	133,198	220,150		27	2,538,687	
W. South Central	6,479,354	1,548,927	248,859	3,863,462	517,952	1,861,882	981,164	130,342	345,812	26,310	5,069	3,858,393	1,597
Mountain	2,250,235	567,838	109,067	1,210,769	259,087	522,312	160,962	89,843	177,216	1,349	27,640	1,183,129	4,799
Pacific	20,913,454	6,323,699	590,098	9,336,081	774,402	3,826,381	2,135,936	396,188	2,203,174		6,817	9,329,264	113,864
NEW ENGLAND:													
Maine	675,198	276,079	10,948	415,645	77,156	182,258	69,381	32,617	52,969	1,264		415,645	
New Hampshire	243,822	37,171	1,678	111,827	21,006	34,961	29,682	9,799	6,599	9,780	375	111,452	
Vermont	77,648	25,022	1,239	45,726	8,951	19,322	2,940	6,341	6,576	1,596		45,726	
Massachusetts	12,666,679	3,893,540	89,992	5,596,113	461,392	2,291,676	2,038,340	541,842	257,119	5,744		5,596,113	7,303
Rhode Island and Connecticut [1]	5,327,186	1,036,751	13,017	2,000,747	212,827	916,657	606,046	111,197	154,020			2,000,747	
MIDDLE ATLANTIC:													
New York	32,887,266	16,834,073	223,718	20,219,083	1,766,512	6,663,098	8,496,598	765,878	2,526,828	169	26,503	20,192,580	
New Jersey	3,980,135	1,169,858	19,972	3,255,778	353,044	1,318,475	1,395,590	99,427	89,242		21,120	3,234,658	
Pennsylvania	24,777,400	5,236,148	449,246	11,571,869	2,108,626	5,261,983	3,412,588	460,974	320,689	7,009	24,423	11,547,446	3,803
E. NORTH CENTRAL:													
Ohio	13,936,943	4,918,322	306,890	8,294,083	842,990	2,485,645	3,395,690	352,243	1,187,529	29,986	112,400	8,181,683	101
Indiana	4,396,798	2,131,272	314,872	3,296,785	310,188	1,128,820	633,568	210,457	1,013,752		68,834	3,227,951	52,530
Illinois	30,689,954	8,761,159	713,747	10,483,199	1,049,370	4,008,882	2,725,976	519,929	2,174,856	4,186	180,159	10,303,040	44,561
Michigan	9,248,092	3,176,545	130,762	3,339,904	212,436	1,355,921	693,873	259,007	807,234	11,433		3,339,904	
Wisconsin	3,922,184	1,167,310	135,482	1,224,613	117,513	476,916	477,981	54,449	97,754			1,224,613	

W. NORTH CENTRAL:														
Minnesota	4,257,309	601,319	52,102	1,647,463	206,289	755,523	430,346	29,052	226,253			1,647,463	47,304
Iowa	1,889,778	654,085	103,453	1,272,301	216,326	446,502	164,185	74,872	360,050	10,366		1,272,301	
Missouri	8,959,657	1,329,118	134,883	3,813,073	383,380	1,189,191	1,788,461	197,024	255,017		16,165	3,796,908	
North Dakota and South Dakota [1]	108,637	28,044	465	59,025	19,077	21,165	7,215	11,568				59,025	
Nebraska	1,001,580	207,893	22,177	378,998	70,083	176,387	102,665	21,126	8,737		8,038	370,960	
Kansas	618,801	246,973	33,272	458,221	101,125	142,243	53,351	25,019	113,471	23,012		458,221	28
SOUTH ATLANTIC:													
Delaware, Maryland, and Dist. of Columbia [1]	7,635,558	1,581,452	83,091	3,044,340	348,792	1,480,514	999,449	88,216	107,453	19,916	113,045	2,931,295	16,025
Virginia	1,738,497	441,897	21,908	1,013,912	105,757	515,923	252,052	55,986	84,194		27,845	986,067	
West Virginia	1,294,821	334,843	33,660	740,778	85,903	310,650	171,460	73,478	99,287		10,032	730,746	
North Carolina	481,842	68,852	2,378	275,413	23,190	174,423	58,360	12,407	7,033			275,413	4,924
South Carolina	327,320	218,591	78,551	619,125	70,896	181,055	69,234	24,783	273,157			619,125	377
Georgia	1,722,969	410,771	5,246	852,073	98,944	180,777	464,824	42,740	64,788			852,073	
Florida	878,200	134,239	19,426	501,597	85,124	243,813	153,630	17,569	1,461			501,597	
E. SOUTH CENTRAL:													
Kentucky	1,952,339	382,480	13,325	990,181	132,606	314,513	306,058	50,390	186,614			990,181	
Tennessee	1,752,798	297,368	27,701	967,423	176,369	398,334	320,407	44,695	27,618			967,423	
Alabama	1,456,494	242,848	36,817	520,644	104,157	208,554	172,613	35,320				520,644	
Mississippi	82,202	12,889	1,029	60,466	7,662	28,126	15,967	2,793	5,918		27	60,439	
W. SOUTH CENTRAL:													
Arkansas	397,663	67,633	17,108	220,937	34,571	133,996	37,060	14,410	900			220,937	1,597
Louisiana	2,151,877	540,087	37,166	895,846	108,093	663,207	66,808	28,635	29,103		4,598	891,248	
Oklahoma	603,772	253,586	40,793	578,219	101,539	174,734	145,015	34,585	103,236	19,110		578,219	
Texas	3,326,042	687,621	153,792	2,168,460	273,749	889,945	732,281	52,712	212,573	7,200	471	2,167,989	
MOUNTAIN: [2]													
Montana and Idaho [1]	301,676	79,027	2,746	130,910	28,494	57,560	33,085	8,705	1,717	1,349		130,910	
Colorado	1,194,554	235,553	10,143	473,832	96,274	202,598	68,143	41,383	65,434		27,640	446,192	
New Mexico and Arizona [1]	123,069	8,505	439	26,931	5,666	9,291	6,933	5,041				26,931	
Utah and Nevada [1]	630,936	244,753	95,739	579,096	128,653	252,863	52,801	34,714	110,065			579,096	4,799
PACIFIC:													
Washington	3,297,049	608,062	42,563	1,406,557	196,553	560,531	239,171	85,632	324,670		3,823	1,402,734	204
Oregon	2,111,779	473,333	68,510	744,308	57,127	331,879	208,381	30,988	115,933			744,308	1,382
California	15,504,626	5,242,304	479,025	7,185,216	520,722	2,933,971	1,688,384	279,568	1,762,571		2,994	7,182,222	112,278
Hawaii, Philippine Islands, and Porto Rico [1]	481,533	126,725	8,819	309,822	34,044	202,215	51,787	21,039	712	25		309,822	

[1] Not shown separately in order to avoid disclosing data for individual companies.
[2] No electric railways operated in Wyoming in 1927.

TABLE 76.—PRINCIPAL STATISTICS FOR COMPANIES ENGAGED EXCLUSIVELY IN THE OPERATION OF ELECTRIC RAILWAYS: 1927 AND 1922

	1927	1922	Per cent of increase [1]
Number of operating companies	500	653	−23.4
Track:			
Miles of all track operated, total	31,517.25	33,996.56	−7.3
Road or first track	20,780.64	23,578.54	−11.9
Second track	7,507.83	7,331.28	2.4
Other main track (third, fourth, etc.)	300.73	297.54	1.1
Sidings and turnouts	1,656.31	1,556.95	6.4
Track in car houses, storage yards, etc	1,271.74	1,232.25	3.2
Cars, total	76,721	79,465	−3.5
Revenue	68,851	71,005	−3.0
Nonrevenue	7,870	8,460	−7.0
City and suburban service, total	63,868	(2)	
Revenue	57,265		
Nonrevenue	6,603		
Interurban service, total	12,853	(2)	
Revenue	11,586		
Nonrevenue	1,267		
Number of employees, total	230,679	237,025	−2.7
Salaried employees	23,551	22,040	6.9
Wage earners	207,128	214,985	−3.7
Salaries and wages, total	$386,705,034	$360,465,910	7.3
Salaries	48,605,218	43,093,915	12.8
Wages	$338,099,816	317,371,995	6.5
Traffic and mileage:			
Revenue passengers carried, including pay transfers	10,893,514,379	10,962,340,437	−0.6
Revenue-car mileage of passenger cars	1,785,595,685	1,706,647,811	4.6
Revenue-car hours of passenger cars	165,255,622	161,292,096	2.5
Income account:			
Gross operating revenue, total	$813,331,516	$784,946,003	3.6
Railway operating revenue, total	807,032,647	781,341,233	3.3
Passenger	736,778,656	723,687,582	1.8
Baggage, express, and milk	3,018,127	3,638,406	−17.0
Parlor, sleeping, dining, and special car	826,111	731,267	13.0
Mail	606,673	504,483	20.3
Freight	30,062,699	24,162,106	24.4
Other transportation revenue (switching and miscellaneous)	1,863,586	1,306,931	42.6
Rent from tracks and facilities, equipment, buildings, and other property	10,121,916	9,321,221	8.6
Power	13,051,884	9,061,519	44.0
Other revenue (station and car privileges, parcel room, storage, demurrage, telegraph and telephone, miscellaneous)	10,702,995	8,927,718	19.9
Auxiliary revenue (bus revenue only)	6,298,869	3,604,770	74.7
Operating expenses, total	603,929,888	567,301,812	6.5
Railway operating expenses, total	597,661,736	565,615,063	5.7
Way and structures	83,042,451	85,157,725	−2.5
Equipment	81,081,462	72,723,681	11.5
Power	87,689,550	90,179,344	−2.8
Conducting transportation	256,222,568	240,862,687	6.4
Traffic	3,084,104	1,999,150	54.3
General and miscellaneous	86,541,601	74,692,476	15.9
Auxiliary expenses	6,268,152	1,686,749	271.6
Net operating revenue (railway and auxiliary), total	209,401,628	217,644,191	−3.8
Taxes assignable to railway operations	49,343,950	49,327,685	(3)
Operating income	160,057,678	168,316,506	−4.9

[1] A minus sign (−) denotes decrease. [2] No data. [3] Less than one-tenth of 1 per cent.

TABLE 76.—PRINCIPAL STATISTICS FOR COMPANIES ENGAGED EXCLUSIVELY IN THE OPERATION OF ELECTRIC RAILWAYS: 1927 AND 1922—Continued

	1927	1922	Per cent of increase [1]
Gross income	$193,156,487	$193,715,366	−0.3
Operating income	160,057,678	168,316,506	−4.9
Nonoperating income, total	33,098,809	25,398,860	30.3
Income from lease of road and miscellaneous rent income	2,258,765	2,527,582	−10.6
Net income from miscellaneous physical property	2,948,455	1,126,138	161.8
Dividend income	10,593,096	5,567,271	90.3
Income from funded securities	9,646,775	10,096,626	−4.5
Other nonoperating income	7,651,718	6,081,243	25.8
Deductions from gross income, total	152,459,608	158,030,631	−3.5
Rent for leased roads	33,293,312	39,133,318	−14.9
Miscellaneous rents	3,912,886	3,285,421	19.1
Miscellaneous taxes	320,155	87,488	265.9
Interest on funded debt	99,161,939	98,572,192	0.6
Interest on unfunded debt	7,344,114	8,202,994	−10.5
Income transferred to other companies	326,073	1,314,318	−75.2
Other debits	8,101,129	7,434,900	9.0
Net income, total	40,696,879	35,684,735	14.0
Dividends	32,796,405	22,680,229	44.6
Surplus	7,900,474	13,004,506	−39.2
Balance sheet:			
Assets, total	4,574,424,771	4,533,987,660	0.9
Road and equipment	3,439,120,928	3,385,647,881	1.6
Other physical property	48,533,744	31,454,077	54.3
Stocks and bonds of other electric-railway companies	231,233,812	166,285,723	39.1
Stocks and bonds of companies other than electric-railway	52,312,503	77,698,633	−32.7
Treasury securities, total	37,846,396	118,369,013	−68.0
Stocks	3,997,436	14,486,363	−72.4
Bonds	33,848,960	103,882,650	−67.4
Other permanent investments	108,030,398	112,005,121	−3.5
Materials and supplies	47,193,489	50,519,267	−6.6
Cash and notes and accounts receivable	156,285,181	132,182,548	18.2
Stock and bond discount	42,396,627	44,095,087	−3.9
Sinking and other special funds	80,444,524	83,369,596	−3.5
Interest, dividends, and rents receivable	14,120,032	31,912,496	−55.8
Sundries	159,080,773	129,347,596	23.0
Profit and loss deficit	157,826,364	171,100,622	−7.8
Liabilities, total	4,574,424,771	4,533,987,660	0.9
Capital stock, total	1,451,808,639	1,520,669,941	−4.5
Common	1,131,993,150	1,238,255,672	−8.6
Preferred [4]	319,815,489	282,414,269	13.2
Funded debt	2,078,048,415	2,134,331,939	−2.6
Real-estate mortgage	8,571,292	10,749,362	−20.3
Floating debt (loans and notes)	125,364,278	112,074,201	11.9
Reserves	135,900,162	127,100,435	6.9
Accounts payable	79,572,105	95,234,780	−16.4
Interest, rents, and taxes due and accrued	145,849,215	196,883,422	−25.9
Dividends due	8,700,165	5,061,247	71.9
Premium on capital stock and funded debt	8,136,005	8,401,719	−3.2
Accrued depreciation	218,712,893	130,679,179	67.4
Sundries	172,495,134	92,070,885	87.4
Profit and loss surplus	141,266,468	100,730,550	40.2
Net deficit	16,559,896	70,370,072	−76.5

[1] A minus sign (−) denotes decrease.

[4] Including debenture.

CHAPTER VI.—EMPLOYEES, SALARIES, AND WAGES

The schedules for 1927 and 1922 called for the numbers of salaried employees and wage earners on the pay rolls on June 30, or the last weekly pay roll for the month. The corresponding dates for 1917 and 1912 were September 29 and September 16, respectively. The change to June 30 was made to conform to the practice of the Interstate Commerce Commission in collecting data from electric railways engaged in interstate traffic.

Salaried employees.—The salaried employees are subclassified as (1) salaried officers of corporations, (2) managers and superintendents, and (3) clerks, stenographers, and other salaried employees. The first class comprises presidents, vice-presidents, secretaries and assistant secretaries, treasurers and assistant treasurers, general auditors and assistant general auditors, auditors and assistant auditors, counsel, and similar officials. The second class comprises such salaried employees as general managers, assistant general managers, managers, general superintendents, assistant general superintendents, and superintendents of departments. The third class is made up of clerks, stenographers, and all other salaried employees not included in the first and second classes.

Wage earners.—The wage-earner group comprises (1) conductors, (2) motormen, (3) operators of 1-man cars, (4) operators of busses, and (5) all other wage earners (not including those engaged exclusively on additions or extensions to plant and other physical properties). *The statistics for bus operators refer only to employees of bus lines operated as integral parts of electric-railway systems, and hence do not cover employees of subsidiary companies and independent bus lines.*

The subclass "All other wage earners" is made up of power-plant employees, employees of maintenance-of-way, transportation, and equipment departments, elevated and subway guards, and other wage earners not properly classified elsewhere.

In making use of these statistics it must be remembered that they include data for the employees of electric light and power departments and other auxiliary departments maintained by the 17 electric-railway companies which did not make complete separate reports for such departments. (See Chapter VII.)

The marked decreases in the numbers of conductors and motormen shown for the last two census periods are due largely to the increase in the use of 1-man cars.

TABLE 77.—EMPLOYEES, SALARIES, AND WAGES, BY OCCUPATIONAL CLASSES, FOR OPERATING COMPANIES: 1927, 1922, 1917, AND 1912

CLASS	1927	1922	1917	1912	PER CENT OF INCREASE [1] 1922–1927	1917–1922	1912–1917
Number of operating companies	682	858	943	975	−20.5	−9.0	−3.3
Persons employed:							
Number, total [2]	267,115	300,523	294,826	282,461	−11.1	1.9	4.4
Salaries and wages, total	$441,951,958	$445,680,135	$267,240,362	$200,890,939	−0.8	66.8	33.0
Salaried employees—							
Number, total	27,845	30,239	27,151	23,271	−7.9	11.4	16.7
Salaries, total	$56,647,314	$57,489,091	$33,909,674	$26,128,786	−1.5	69.5	29.8
Officials—							
Number	1,723	2,017	1,883	1,927	−14.6	7.1	−2.3
Salaries	$8,770,049	$8,946,893	$6,786,469	$5,708,553	−2.0	31.8	18.9
Managers and superintendents—							
Number	3,093	3,358	2,889	2,882	−7.9	16.2	0.2
Salaries	$9,576,584	$10,403,759	$6,205,507	$5,376,526	−8.0	67.7	15.4
Clerks, stenographers, and other salaried employees—							
Number	23,029	24,864	22,379	18,462	−7.4	11.1	21.2
Salaries	$38,300,681	$38,138,439	$20,917,698	$15,043,707	0.4	82.3	39.0
Wage earners—							
Number, total	239,270	270,284	267,675	259,190	−11.5	1.0	3.3
Wages, total	$385,304,644	$388,191,044	$233,330,688	$174,762,153	−0.7	66.4	33.5
Conductors, motormen, 1-man car and bus operators—							
Number	115,720	130,628	136,184	131,321	−11.4	−4.1	3.7
Wages	$200,963,146	$205,238,478	$127,222,144	$95,451,625	−2.1	61.3	33.3
Conductors—							
Number	41,085	58,988	68,352	65,726	−30.4	−13.7	4.0
Wages	$71,321,403	$92,939,236	$62,992,587	$47,101,768	−23.3	47.5	33.7
Motormen—							
Number	46,210	58,166	67,832	65,595	−20.6	−14.2	3.4
Wages	$83,039,708	$92,953,300	$64,229,557	$48,349,857	−10.7	44.7	32.8
Operators, 1-man cars—							
Number	25,885	13,070	(3)	(3)	98.0	-------	-------
Wages	$42,274,998	$18,797,669	(3)	(3)	124.9	-------	-------
Operators, busses—							
Number	2,540	404	(3)	(3)	528.7	-------	-------
Wages	$4,327,037	$548,273	(3)	(3)	689.2	-------	-------
All other wage earners—							
Number	123,550	139,656	131,491	127,869	−11.5	6.2	2.8
Wages	$184,341,498	$182,952,566	$106,108,544	$79,310,528	0.8	72.4	33.8

[1] A minus sign (—) denotes decrease.
[2] For 1927 and 1922 as of date June 30; for 1917, Sept. 29; for 1912, Sept. 16.
[3] Not reported separately.

TABLE 78.—PER CENT DISTRIBUTION OF SALARIES AND WAGES FOR OPERATING COMPANIES: 1927, 1922, 1917, AND 1912

[Based on Table 77]

	1927	1922	1917	1912
Total salaries and wages	100.0	100.0	100.0	100.0
Salaries, total	12.8	12.9	12.7	13.0
Officials	2.0	2.0	2.6	2.8
Managers and superintendents	2.2	2.3	2.3	2.7
Clerks, stenographers, and other salaried employees	8.7	8.6	7.8	7.5
Wages, total	87.2	87.1	87.3	87.0
Conductors, motormen, 1-man car and bus operators, total	45.5	46.0	47.6	47.5
Conductors	16.1	20.9	23.6	23.4
Motormen	18.8	20.9	24.0	24.1
Operators, 1-man cars	9.6	4.2	-------	-------
Operators, busses	1.0	0.1	-------	-------
All other wage earners	41.7	41.1	39.7	39.5

TABLE 79.—EMPLOYEES, SALARIES, AND WAGES, BY OCCUPATIONAL CLASSES, FOR OPERATING COMPANIES, BY GEOGRAPHIC DIVISIONS: 1927, 1922, AND 1917

CLASS	Census year	United States	GEOGRAPHIC DIVISIONS								
			New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
Number of operating companies	1927	682	59	184	164	69	62	26	44	28	46
	1922	858	78	234	206	76	78	41	53	35	57
	1917	943	86	241	223	83	94	49	68	39	60
Persons employed—Number, total[1]	1927	267,115	24,452	86,498	71,325	20,582	18,273	6,412	9,701	3,581	26,291
	1922	300,523	28,383	94,126	76,480	23,673	24,982	8,433	12,618	4,871	26,957
	1917	294,826	32,606	97,452	69,742	24,048	22,872	8,576	9,771	4,868	24,891
Salaries and wages, total	1927	$441,951,958	$43,385,720	$147,752,013	$121,677,126	$31,086,068	$27,142,448	$9,465,097	$13,532,333	$5,066,380	$42,844,773
	1922	$445,680,135	$44,169,202	$143,908,444	$114,826,649	$34,604,288	$33,044,284	$10,678,569	$16,576,333	$6,418,109	$41,454,257
	1917	$267,240,362	$31,600,948	$87,460,013	$65,252,535	$21,028,682	$17,600,864	$6,509,520	$7,805,552	$4,496,608	$25,485,640
Salaried employees: Number, total	1927	27,845	2,001	8,964	6,677	2,193	2,104	677	1,317	524	3,388
	1922	30,239	2,487	8,911	6,692	2,614	3,155	893	1,769	498	3,220
	1917	27,151	2,619	7,824	5,744	2,355	2,542	1,093	1,256	536	3,182
Salaries, total	1927	$56,647,314	$4,244,634	$19,416,335	$12,756,748	$4,357,254	$4,433,820	$1,392,829	$2,705,866	$997,774	$6,342,054
	1922	$57,489,091	$4,781,546	$17,814,861	$12,393,309	$4,790,080	$6,014,269	$1,639,252	$3,389,280	$836,769	$5,829,725
	1917	$33,909,674	$3,380,660	$10,033,012	$6,918,497	$2,904,538	$3,142,141	$1,073,624	$1,568,993	$641,075	$4,247,134
Officials—Number	1927	1,723	143	554	368	160	129	62	91	69	147
	1922	2,017	172	509	517	176	222	85	103	65	168
	1917	1,883	169	489	450	155	237	84	104	60	135
Salaries	1927	$8,770,049	$655,026	$3,213,445	$1,944,190	$790,132	$651,865	$287,072	$410,106	$184,763	$633,450
	1922	$8,946,893	$657,027	$2,624,458	$2,122,158	$835,964	$1,030,464	$340,450	$511,122	$127,062	$698,188
	1917	$6,786,469	$603,405	$1,931,154	$1,537,876	$563,081	$799,257	$216,178	$317,530	$103,135	$714,853
Managers and superintendents—Number	1927	3,093	261	785	821	284	245	151	232	66	248
	1922	3,358	236	1,074	753	247	380	179	176	83	230
	1917	2,889	280	661	704	234	355	148	172	96	239

Salaries	1927	$9,576,584	$727,006	$2,711,112	$2,573,397	$787,175	$807,560	$381,107	$618,389	$188,001	$782,837
	1922	$10,403,759	$671,800	$3,700,518	$2,280,028	$762,711	$1,018,289	$425,526	$545,960	$246,126	$752,801
	1917	$6,205,507	$615,984	$1,527,665	$1,512,907	$504,951	$655,517	$282,189	$317,672	$214,930	$573,692
Clerks, stenographers, and other salaried employees—											
Number	1927	23,029	1,597	7,625	5,488	1,749	1,730	464	994	389	2,993
	1922	24,864	2,079	7,328	5,422	2,191	2,553	629	1,490	350	2,822
	1917	22,379	2,170	6,674	4,590	1,966	1,950	861	980	380	2,808
Salaries	1927	$38,300,681	$2,862,602	$13,491,778	$8,239,161	$2,779,947	$2,974,395	$724,650	$1,677,371	$625,010	$4,925,767
	1922	$38,138,439	$3,452,719	$11,489,885	$7,991,123	$3,191,405	$3,965,516	$873,276	$2,332,198	$463,581	$4,378,736
	1917	$20,917,698	$2,161,271	$6,574,193	$3,867,714	$1,836,506	$1,687,367	$575,257	$933,791	$323,010	$2,958,589
Wage earners:											
Number, total	1927	239,270	22,451	77,534	64,648	18,389	16,169	5,735	8,384	3,057	22,903
	1922	270,284	25,896	85,215	69,788	21,059	21,827	7,540	10,849	4,373	23,737
	1917	267,675	29,987	89,628	63,998	21,693	20,330	7,483	8,515	4,332	21,709
Wages, total	1927	$385,304,644	$39,141,086	$128,335,678	$108,920,378	$26,728,814	$22,708,628	$8,072,268	$10,826,467	$4,068,606	$36,502,719
	1922	$388,191,044	$39,387,656	$126,093,583	$102,433,340	$29,814,208	$27,030,015	$9,039,317	$13,187,053	$5,581,340	$35,624,532
	1917	$233,330,688	$28,220,288	$77,427,001	$58,334,038	$18,124,144	$14,458,723	$5,435,896	$6,236,559	$3,855,533	$21,238,506
Conductors and motormen [2]—											
Number	1927	115,720	10,278	31,826	32,277	10,720	9,237	3,354	4,594	1,482	11,952
	1922	130,628	12,772	37,025	34,519	11,799	11,402	3,917	5,069	1,881	12,244
	1917	136,184	16,477	41,637	32,485	11,605	10,853	4,270	5,073	2,098	11,686
Wages	1927	$200,963,146	$18,974,753	$56,750,120	$60,256,433	$16,707,676	$13,777,715	$5,243,266	$6,438,860	$2,182,829	$20,631,494
	1922	$205,238,478	$20,449,664	$59,649,102	$57,377,123	$18,057,490	$15,171,432	$5,247,508	$6,990,542	$2,709,324	$19,586,293
	1917	$127,222,144	$15,678,067	$38,451,599	$33,121,039	$10,481,163	$8,087,729	$3,357,033	$4,087,348	$2,096,683	$11,861,483
Conductors—											
Number	1927	41,085	3,037	9,419	13,059	4,374	3,387	1,258	1,302	415	4,834
	1922	58,988	5,191	16,891	16,098	5,456	5,254	1,702	1,987	882	5,527
	1917	68,352	8,231	21,233	16,197	5,755	5,531	2,129	2,441	1,058	5,777
Wages	1927	$71,321,403	$5,892,200	$15,847,431	$25,092,013	$6,781,922	$5,080,326	$1,981,238	$1,741,985	$549,831	$8,354,457
	1922	$92,939,236	$8,341,162	$26,992,773	$27,118,826	$8,301,053	$7,019,601	$2,308,321	$2,724,750	$1,256,694	$8,876,056
	1917	$62,992,587	$7,715,617	$19,135,688	$16,426,411	$5,112,388	$4,076,482	$1,665,393	$1,951,477	$1,046,376	$5,862,755
Motormen [2]—											
Number	1927	74,635	7,241	22,407	19,218	6,346	5,850	2,096	3,292	1,067	7,118
	1922	71,640	7,581	20,134	18,421	6,343	6,148	2,215	3,082	999	6,717
	1917	67,832	8,246	20,404	16,288	5,850	5,322	2,141	2,632	1,040	5,909
Wages	1927	$129,641,743	$13,082,553	$40,902,689	$35,164,420	$9,925,754	$8,697,389	$3,262,028	$4,696,875	$1,632,998	$12,277,037
	1922	$112,299,242	$12,108,502	$32,656,329	$30,258,297	$9,756,437	$8,151,831	$2,939,187	$4,265,792	$1,452,630	$10,710,237
	1917	$64,229,557	$7,962,450	$19,315,911	$16,694,628	$5,368,775	$4,011,247	$1,691,640	$2,135,871	$1,050,307	$5,998,728

[1] For 1927 and 1922 as of date June 30; for 1917, Sept. 29.

[2] For 1927 and 1922, includes one-man car and bus operators. For detail, see Table 86.

TABLE 79.—EMPLOYEES, SALARIES, AND WAGES, BY OCCUPATIONAL CLASSES, FOR OPERATING COMPANIES, BY GEOGRAPHIC DIVISIONS: 1927, 1922, AND 1917—Continued

CLASS	Census year	United States	GEOGRAPHIC DIVISIONS								
			New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
Wage earners—Contd.											
All other wage earners—											
Number	1927	123,550	12,173	45,708	32,371	7,669	6,932	2,381	3,790	1,575	10,951
	1922	139,656	13,124	48,190	35,269	9,260	10,425	3,623	5,780	2,492	11,493
	1917	131,491	13,510	47,991	31,513	10,088	9,477	3,213	3,442	2,234	10,023
Wages	1927	$184,341,498	$20,166,333	$71,585,558	$48,663,945	$10,021,138	$8,930,913	$2,829,002	$4,387,607	$1,885,777	$15,871,225
	1922	$182,952,566	$18,937,992	$66,444,481	$45,056,217	$11,756,718	$11,858,583	$3,791,809	$6,196,511	$2,872,016	$16,038,239
	1917	$106,108,544	$12,542,221	$38,975,402	$25,212,999	$7,642,981	$6,370,994	$2,078,863	$2,149,211	$1,758,850	$9,377,023

TABLE 80.—PERCENTAGES OF INCREASE,[1] 5-YEAR AND 10-YEAR PERIODS, FOR EMPLOYEES, SALARIES, AND WAGES, OPERATING COMPANIES, BY GEOGRAPHIC DIVISIONS: 1917 TO 1927

[Based on Table 79]

DIVISION AND PERIOD	PERSONS EMPLOYED		SALARIED EMPLOYEES		WAGE EARNERS			
					Conductors and motormen		All other wage earners	
	Number	Salaries and wages	Number	Salaries	Number	Wages	Number	Wages
United States:								
1917-1927	−9.4	65.4	2.6	67.1	−15.0	58.0	−6.0	73.7
1922-1927	−11.1	−0.8	−7.9	−1.5	−11.4	−2.1	−11.5	0.8
1917-1922	1.9	66.8	11.4	69.5	−4.1	61.3	6.2	72.4
New England:								
1917-1927	−25.0	37.3	−23.6	25.6	−37.6	21.0	−9.9	60.8
1922-1927	−13.8	−1.8	−19.5	−11.2	−19.5	−7.2	−7.2	6.5
1917-1922	−13.0	39.8	−5.0	41.4	−22.5	30.4	−2.9	51.0
Middle Atlantic:								
1917-1927	−11.2	68.9	14.6	93.5	−23.6	47.6	−4.8	83.7
1922-1927	−8.1	2.7	0.6	9.0	−14.0	−4.9	−5.2	7.7
1917-1922	−3.4	64.5	13.9	77.6	−11.1	55.1	0.4	70.5
East North Central:								
1917-1927	2.3	86.5	16.2	84.4	−0.6	81.9	2.7	93.0
1922-1927	−6.7	6.0	−0.2	2.9	−6.5	5.0	−8.2	8.0
1917-1922	9.7	76.0	16.5	79.1	6.3	73.2	11.9	78.7
West North Central:								
1917-1927	−14.4	47.8	−6.9	50.0	−7.6	59.4	−24.0	31.1
1922-1927	−13.1	−10.2	−16.1	−9.0	−9.1	−7.5	−17.2	−14.8
1917-1922	−1.6	64.6	11.0	64.9	1.7	72.3	−8.2	53.8
South Atlantic:								
1917-1927	−20.1	54.2	−17.2	41.1	−14.9	79.3	−26.9	40.2
1922-1927	−26.9	−17.9	−33.3	−26.3	−19.0	−9.2	−33.5	−24.7
1917-1922	9.2	87.7	24.1	91.4	5.1	87.6	10.6	86.1
East South Central:								
1917-1927	−25.2	45.4	−38.1	29.7	−21.5	56.2	−25.9	36.1
1922-1927	−24.0	−11.4	−24.2	−15.0	−14.4	−0.1	−34.3	−25.4
1917-1922	−1.7	64.0	−18.3	52.7	−8.3	56.3	12.8	82.4
West South Central:								
1917-1927	−0.7	73.4	4.9	72.5	−9.4	57.5	10.1	104.1
1922-1927	−23.1	−18.4	−25.6	−20.2	−9.4	−7.9	−34.4	−29.2
1917-1922	29.1	112.4	40.8	116.0	−0.1	71.0	67.9	168.3
Mountain:								
1917-1927	−26.4	12.7	−2.2	55.6	−29.4	4.1	−29.5	7.2
1922-1927	−26.5	−21.1	5.2	19.2	−21.2	−19.4	−36.8	−34.3
1917-1922	0.1	42.7	−7.1	30.5	−10.3	29.2	11.5	61.3
Pacific:								
1917-1927	5.6	68.1	6.5	49.3	2.3	73.9	9.3	69.3
1922-1927	−2.5	3.4	5.2	8.8	−2.4	5.3	−4.7	−1.0
1917-1922	8.3	62.7	1.2	37.3	4.8	65.1	14.7	71.0

[1] A minus sign (−) denotes decrease.

TABLE 81.—AVERAGE NUMBER OF EMPLOYEES PER OPERATING COMPANY, BY GEOGRAPHIC DIVISIONS: 1927, 1922, 1917, AND 1912

DIVISION	1927	1922	1917	1912
United States	392	350	313	290
New England	414	394	379	374
Middle Atlantic	470	402	404	381
East North Central	435	371	313	301
West North Central	208	311	290	246
South Atlantic	245	320	243	187
East South Central	247	206	175	208
West South Central	220	238	144	106
Mountain	128	139	125	112
Pacific	572	473	415	400

TABLE 82.—EMPLOYEES, SALARIES, AND WAGES, OPERATING COMPANIES, BY CLASSIFICATION GROUPS: 1927, 1922, AND 1917

	Census year	All companies	Companies classified according to income from railway operations: Class A—More than $1,000,000	Class B—More than $250,000 but not more than $1,000,000	Class C—$250,000 or less	Class X—Companies without commercial lighting [1]	Class Y—Companies with commercial lighting [1]	Elevated and subway group [2]	Surface group [2]
Number of operating companies	1927	682	128	180	374	622	18	[3] 4	678
	1922	858	146	204	508	722	124	7	851
	1917	943	114	179	650	758	159	7	936
Miles of track	1927	40,722.30	25,858.63	9,515.12	5,348.55	38,242.92	1,975.83	870.92	39,851.38
	1922	43,931.86	27,518.06	10,206.62	6,207.18	36,040.73	7,794.90	857.93	43,073.93
	1917	44,835.37	26,064.85	10,258.75	8,511.77	33,833.41	10,883.17	666.11	44,169.26
Revenue-car miles	1927	2,163,772,982	1,803,120,575	256,073,389	104,579,018	2,113,628,934	46,155,983	377,212,826	1,786,560,156
	1922	2,124,523,362	1,741,189,286	257,321,889	126,012,187	1,827,021,375	297,101,943	303,345,661	1,821,177,701
	1917	2,139,801,530	1,664,219,315	293,585,741	181,996,474	1,768,654,456	370,599,376	247,199,281	1,892,602,249
Revenue passengers [4]	1927	12,174,592,333	10,924,804,741	920,442,476	329,345,116	12,080,925,812	81,034,585	2,220,793,762	9,953,798,571
	1922	12,666,557,734	11,088,133,161	1,101,173,430	477,251,143	11,339,149,685	1,326,120,816	1,743,283,689	10,923,274,045
	1917	11,304,660,462	9,353,110,509	1,242,961,523	708,588,430	9,630,773,816	1,672,205,952	1,262,508,845	10,042,151,617
Salaried employees: Number	1927	27,845	21,923	4,157	1,765	26,823	887	1,471	26,374
	1922	30,239	22,315	5,190	2,734	22,959	7,251	1,372	28,867
	1917	27,151	18,738	4,908	3,505	18,860	8,249	1,937	25,214
Per 10 miles of track	1927	6.84	8.48	4.37	3.30	7.01	4.48	16.89	6.62
	1922	6.88	8.11	5.08	4.40	6.37	9.30	15.99	6.70
	1917	6.06	7.19	4.78	4.12	5.57	7.57	28.91	5.71
Per 1,000,000 car miles	1927	12.87	12.16	16.24	16.81	12.69	19.28	3.90	14.77
	1922	14.23	12.82	20.17	21.70	12.57	24.41	4.52	15.85
	1917	12.69	11.26	16.69	19.26	10.66	22.25	7.84	13.32
Per 1,000,000 revenue passengers	1927	2.29	2.01	4.52	5.36	2.22	10.95	0.66	2.65
	1922	2.39	2.01	4.71	5.73	2.02	5.47	0.79	2.64
	1917	2.40	2.00	3.95	4.94	1.96	4.93	1.53	2.51
Salaries	1927	$56,647,314	$45,987,705	$7,709,798	$2,949,811	$54,987,178	$1,503,868	$3,877,475	$52,769,839
	1922	$57,489,091	$44,580,361	$8,984,736	$3,923,994	$44,711,482	$12,753,197	$3,008,067	$54,481,024
	1917	$33,909,674	$24,213,156	$6,019,274	$3,677,244	$24,119,177	$9,766,283	$2,647,901	$31,261,773

Ratio of salaries to operating expenses (per cent).	1927	8.2	7.9	9.5	10.1	8.1	9.3	5.0	8.6
	1922	7.9	7.6	9.0	9.4	7.6	9.4	4.4	8.3
	1917	7.5	7.1	8.6	8.7	6.9	9.4	8.4	7.4
Ratio of salaries to operating revenues (per cent).	1927	6.1	5.7	8.1	9.6	6.1	7.6	3.0	6.6
	1922	5.7	5.4	6.6	7.6	5.5	6.3	2.8	6.0
	1917	4.8	4.4	5.7	6.3	4.4	6.0	3.9	4.9
Wage earners:									
Number	1927	239,270	203,977	25,635	9,658	233,954	4,534	27,955	211,315
	1922	270,284	222,105	33,921	14,258	224,474	45,665	26,007	244,277
	1917	267,675	205,992	39,086	22,597	213,586	53,957	26,835	240,840
Per 10 miles of track	1927	59	79	27	18	61	23	321	53
	1922	62	81	33	23	62	59	303	57
	1917	60	79	38	27	63	50	401	55
Per 1,000,000 car miles	1927	111	113	100	92	111	98	74	118
	1922	127	128	132	113	123	154	86	134
	1917	125	124	133	124	121	146	109	127
Per 1,000,000 revenue passengers.	1927	20	19	28	29	19	56	13	21
	1922	21	20	31	30	20	34	15	22
	1917	24	22	31	32	22	32	21	24
Wages	1927	$385,304,644	$336,312,012	$36,578,509	$12,414,123	$377,429,917	$7,188,639	$47,282,821	$338,021,823
	1922	$388,191,044	$328,475,415	$43,227,165	$16,488,464	$330,590,071	$57,488,949	$40,987,936	$347,203,108
	1917	$233,330,688	$185,676,626	$30,972,188	$16,681,874	$189,869,810	$43,380,483	$22,092,946	$211,237,742
Ratio of wages to operating expenses (per cent).	1927	55.5	57.6	45.0	42.4	55.8	44.6	60.5	54.9
	1922	53.3	56.0	43.3	39.4	55.9	42.2	60.6	52.6
	1917	51.5	54.6	44.0	39.5	54.5	41.7	69.7	50.2
Ratio of wages to operating revenues (per cent).	1927	41.5	41.9	38.5	40.3	41.6	36.1	36.6	42.3
	1922	38.2	39.6	31.8	32.0	40.6	28.4	38.7	38.1
	1917	32.9	34.0	29.3	28.7	34.8	26.5	32.2	32.9

[1] Classes X and Y do not include part-time companies, etc. (Class Z.) See "Classification according to character of business," p. 4.
[2] The group classification covers all tracks of the companies allocated according to the principal class of track, the "Elevated and subway" group including data for a minor amount of surface trackage and the "Surface" group including data for some elevated and subway trackage.
[3] Four companies were consolidated between 1922 and 1927 to form the Chicago Rapid Transit Co.
[4] Includes pay-transfer passengers; does not include bus passengers.

TABLE 82.—EMPLOYEES, SALARIES, AND WAGES, OPERATING COMPANIES, BY CLASSIFICATION GROUPS: 1927, 1922, AND 1917—Contd.

	Census year	All companies	COMPANIES CLASSIFIED ACCORDING TO INCOME FROM RAILWAY OPERATIONS			Class X—Companies without commercial lighting [1]	Class Y—Companies with commercial lighting [1]	Elevated and subway group [2]	Surface group [2]
			Class A—More than $1,000,000	Class B—More than $250,000 but not more than $1,000,000	Class C—$250,000 or less				
Wage earners—Continued.									
Conductors, motormen, and one-man car and bus operators—Number	1927	115,720	98,705	11,809	5,206	113,784	1,521	[5] 4,500	111,220
	1922	130,628	107,554	15,786	7,288	111,063	19,485	[5] 3,911	126,717
	1917	136,184	105,458	19,052	11,674	110,632	25,467	[5] 5,003	131,181
Per 10 miles of track	1927	28	38	12	10	30	8	52	28
	1922	30	39	15	12	31	25	46	29
	1917	30	40	19	14	33	23	125	30
Per 1,000,000 car miles	1927	53	55	46	50	54	33	12	62
	1922	61	62	61	58	61	66	13	70
	1917	64	63	65	64	63	68	34	69
Per 1,000,000 revenue passengers.	1927	10	9	13	16	9	19	2	11
	1922	10	10	14	15	10	15	2	12
	1917	12	11	15	16	11	15	7	13
Wages	1927	$200,963,146	$175,470,788	$18,427,707	$7,064,651	$197,941,581	$2,703,431	$9,487,574	$191,475,572
	1922	$205,238,478	$174,029,860	$22,058,958	$9,149,660	$178,056,872	$27,121,442	$8,107,270	$197,131,208
	1917	$127,222,144	$101,777,358	$16,409,403	$9,035,383	$105,304,929	$21,872,528	$5,193,579	$122,028,565
Ratio of wages to operating expenses (per cent).	1927	28.9	30.0	22.7	24.1	29.3	16.8	12.1	31.1
	1922	28.2	29.7	22.1	21.9	30.1	19.9	12.0	29.9
	1917	28.1	29.9	23.3	21.4	30.2	21.0	16.4	29.0
Ratio of wages to operating revenues (per cent).	1927	21.7	21.9	19.4	22.9	21.8	13.6	7.4	24.0
	1922	20.2	21.0	16.2	17.8	21.9	13.4	7.7	21.6
	1917	17.9	18.6	15.5	15.5	19.2	13.3	7.6	19.0
All other wage earners—Number	1927	123,550	105,272	13,826	4,452	120,170	3,013	23,455	100,095
	1922	139,656	114,551	18,135	6,970	113,411	26,180	22,096	117,560
	1917	131,491	100,534	20,034	10,923	102,954	28,490	21,832	109,659
Per 10 miles of track	1927	30	41	14	8	31	15	269	25
	1922	32	42	18	11	31	34	258	27
	1917	29	39	20	13	30	26	328	25

Per 1,000,000 car miles	1927	57	58	54	42	57	66	62	56
	1922	66	66	70	55	62	88	73	65
	1917	61	60	68	60	58	77	88	58
Per 1,000,000 revenue passengers.	1927	10	10	15	14	10	37	11	10
	1922	11	10	16	15	10	20	13	11
	1917	12	11	16	15	11	17	17	11
Wages	1927	$184,341,498	$160,841,224	$18,150,802	$5,349,472	$179,488,336	$4,485,208	$37,795,247	$146,546,251
	1922	$182,952,566	$154,445,555	$21,168,207	$7,338,804	$152,533,199	$30,367,507	$32,880,666	$150,071,900
	1917	$106,108,544	$83,899,268	$14,562,785	$7,646,491	$84,564,881	$21,507,955	$16,899,367	$89,209,177
Ratio of wages to operating expenses (per cent).	1927	26.5	27.5	22.3	18.3	26.5	27.9	48.3	23.8
	1922	25.1	26.4	21.2	17.6	25.8	22.3	48.6	22.7
	1917	23.4	24.7	20.7	18.1	24.3	20.7	53.4	21.2
Ratio of wages to operating revenues (per cent).	1927	19.9	20.1	19.1	17.4	19.8	22.5	29.3	18.3
	1922	18.0	18.6	15.6	14.3	18.7	15.0	31.1	16.5
	1917	14.9	15.4	13.8	13.1	15.5	13.2	24.7	13.9

[1] Classes X and Y do not include part-time companies, etc. (Class Z.) See "Classification according to character of business," p. 4.

[2] The group classification covers all tracks of the companies allocated according to the principal class of track, the "Elevated and subway" group including data for a minor amount of surface trackage and the "Surface" group including data for some elevated and subway trackage.

[3] Exclusive of guards on subway and elevated trains, who are classified under "All other wage earners."

TABLE 83.—RATIOS (EXPRESSED AS PERCENTAGES) OF SALARIES AND WAGES TO OPERATING EXPENSES AND OPERATING REVENUES, FOR OPERATING COMPANIES, BY CLASSIFICATION GROUPS: 1927, 1922, 1917, AND 1912

[Based on Table 82]

CLASSIFICATION GROUP	SALARIES AND WAGES COMBINED				SALARIES				WAGES			
	1927	1922	1917	1912	1927	1922	1917	1912	1927	1922	1917	1912
OPERATING EXPENSES												
All operating companies	63.6	61.2	59.0	60.3	8.2	7.9	7.5	7.8	55.5	53.3	51.5	52.5
Companies classified according to income from railway operations:												
Class A—More than $1,000,000	65.5	63.7	61.7	62.5	7.9	7.6	7.1	7.5	57.6	56.0	54.6	55.0
Class B—More than $250,000 but not more than $1,000,000	54.5	52.3	52.6	57.5	9.5	9.0	8.6	8.5	45.0	43.3	44.0	49.0
Class C—$250,000 or less	52.5	48.8	48.2	1.6	10.1	9.4	8.7	9.2	42.4	39.4	39.5	42.4
Companies without and with commercial lighting:												
Class X—Without commercial lighting	63.9	63.5	61.4	61.2	8.1	7.6	6.9	7.3	55.8	55.9	54.5	53.9
Class Y—With commercial lighting	54.0	51.5	51.1	56.2	9.3	9.4	9.4	10.2	44.6	42.2	41.7	46.0
Companies classified as—												
Elevated and subway	65.4	65.0	78.1	64.6	5.0	4.4	8.4	5.9	60.5	60.6	69.7	58.7
Surface	63.4	60.8	57.6	60.0	8.6	8.3	7.4	8.0	54.9	52.6	50.2	52.0
OPERATING REVENUES												
All operating companies	47.6	43.8	37.7	35.4	6.1	5.7	4.8	4.6	41.5	38.2	32.9	30.8
Companies classified according to income from railway operations:												
Class A—More than $1,000,000	47.7	45.0	38.4	35.4	5.7	5.4	4.4	4.2	41.9	39.6	34.0	31.2
Class B—More than $250,000 but not more than $1,000,000	46.6	38.4	35.0	35.4	8.1	6.6	5.7	5.2	38.5	31.8	29.3	30.2
Class C—$250,000 or less	49.8	39.6	35.0	35.2	9.6	7.6	6.3	6.3	40.3	32.0	28.7	28.9
Companies without and with commercial lighting:												
Class X—Without commercial lighting	47.7	46.1	39.2	36.2	6.1	5.5	4.4	4.3	41.6	40.6	34.8	31.9
Class Y—With commercial lighting	43.7	34.7	32.5	31.5	7.6	6.3	6.0	5.7	36.1	28.4	26.5	25.8
Companies classified as—												
Elevated and subway	39.7	41.6	36.1	29.2	3.0	2.8	3.9	2.7	36.6	38.7	32.2	26.5
Surface	48.9	44.1	37.8	36.0	6.6	6.0	4.9	4.8	42.3	38.1	32.9	31.2

TABLE 84.—RATIO [1] (EXPRESSED AS A PERCENTAGE) OF SALARIES AND WAGES COMBINED TO OPERATING EXPENSES, FOR OPERATING COMPANIES, BY STATES: 1927, 1922, AND 1917

	1927	1922	1917
United States	63.6	61.2	59.0
Louisiana	77.7	*59.8*	*58.6*
Illinois	69.3	67.2	61.9
Minnesota	68.4	65.7	66.5
Oregon	68.4	74.3	70.2
Maryland	68.1	65.5	62.0
New Mexico	67.6	*54.1*	*49.1*
Virginia	66.7	*49.2*	*47.0*
Wisconsin	66.2	68.4	67.7
Massachusetts	66.1	62.9	62.3
Missouri	65.7	*60.1*	*52.3*
Colorado	65.1	66.3	62.5
Pennsylvania	65.0	61.9	*57.8*
Tennessee	65.0	*58.7*	*48.7*
Rhode Island	64.9	62.1	59.9
California	64.5	66.1	63.4
District of Columbia	64.2	62.4	*58.9*
Nebraska	64.2	*56.4*	*52.4*
Delaware	*63.4*	*54.8*	61.3
Texas	*63.4*	*57.2*	*54.6*
Connecticut	*63.1*	64.5	*54.3*
Arkansas	*62.7*	*57.1*	*51.5*
Maine	*62.7*	*58.1*	*53.4*
Ohio	*62.4*	*56.9*	*49.4*
New York	*62.0*	62.3	65.3
Michigan	*61.2*	62 2	59.7
New Jersey	*60.9*	*59.1*	*58.7*
Montana	*60.3*	*52.1*	*51.5*
Nevada	*59.8*	61.4	*57.6*
Alabama	*59.7*	63.5	*50.4*
Arizona	*59.5*	*48.9*	*48.5*
Washington	*59.3*	*61.0*	67.5
Kentucky	*59.2*	*57.5*	*58.9*
Indiana	*57.9*	*52.3*	*51.8*
New Hampshire	*57.8*	*56.5*	*48.1*
West Virginia	*57.1*	*57.3*	*53.2*
Utah	*56.3*	*59.2*	65.1
Iowa	*55.5*	*49.0*	*52.6*
North Carolina	*53.8*	*46.5*	*54.3*
Oklahoma	*53.6*	*59.4*	60.5
North Dakota	*53.0*	*49.8*	59.4
Idaho	*52.6*	*50.4*	*51.1*
Vermont	*51.9*	*41.2*	*43.2*
South Carolina	*51.6*	*49.7*	*42.7*
Kansas	*50.1*	*49.5*	*46.1*
Georgia	*49.2*	*43.1*	*51.7*
Florida	*45.6*	63.5	63.9
Mississippi	*42.3*	*44.8*	*44.1*
South Dakota	*36.3*	*56.7*	60.9
Wyoming [2]	------	*44.6*	*42.1*

[1] *Italics* denote ratios below average for the United States.
[2] No electric railways operated in Wyoming in 1927.

TABLE 85.—AVERAGE NUMBER OF FARE TRIPS OR REVENUE PASSENGERS [1] PER EMPLOYEE AND PER CAR OPERATOR: 1927, 1922, 1917, 1912, AND 1907

	Per employee	Per car operator [2]
1927	45,578	107,568
1922	42,148	97,267
1917	38,344	83,010
1912	33,794	72,689
1907	33,605	64,415

[1] Not including bus passengers.
[2] Averages for 1927 and 1922 based on total conductors (not including elevated-railway and subway guards), motormen, and 1-man-car operators; for preceding years, on total conductors (not including elevated-railway and subway guards) and motormen. (One man car operators were not reported separately prior to 1922, those reported being included with motormen.)

TABLE 86.—EMPLOYEES, SALARIES, AND WAGES, OPERATING COMPANIES, BY OCCUPATIONAL CLASSES, BY GEOGRAPHIC DIVISIONS AND STATES, AND FOR HAWAII, PHILIPPINE ISLANDS, AND PORTO RICO: 1927

DIVISION AND STATE	Number of operating companies	TOTAL EMPLOYEES		SALARIED OFFICIALS AND EMPLOYEES							
		Number	Salaries and wages	Total		Officials		Managers and superintendents		Clerks, stenographers, and other salaried employees	
				Number	Salaries	Number	Salaries	Number	Salaries	Number	Salaries
UNITED STATES	682	267,115	$441,951,958	27,845	$56,647,314	1,723	$8,770,049	3,093	$9,576,584	23,029	$38,300,681
GEOGRAPHIC DIVISIONS:											
New England	59	24,452	43,385,720	2,001	4,244,634	143	655,026	261	727,006	1,597	2,862,602
Middle Atlantic	184	86,498	147,752,013	8,964	19,416,335	554	3,213,445	785	2,711,112	7,625	13,491,778
East North Central	164	71,325	121,677,126	6,677	12,756,748	368	1,944,190	821	2,573,397	5,488	8,239,161
West North Central	69	20,582	31,086,068	2,193	4,357,254	160	790,132	284	787,175	1,749	2,779,947
South Atlantic	62	18,273	27,142,448	2,104	4,433,820	129	651,865	245	807,560	1,730	2,974,395
East South Central	26	6,412	9,465,097	677	1,392,829	62	287,072	151	381,107	464	724,650
West South Central	44	9,701	13,532,333	1,317	2,705,866	91	410,106	232	618,389	994	1,677,371
Mountain	28	3,581	5,066,380	524	997,774	69	184,763	66	188,001	389	625,010
Pacific	46	26,291	42,844,773	3,388	6,342,054	147	633,450	248	782,837	2,993	4,925,767
NEW ENGLAND:											
Maine	13	1,149	1,871,267	184	334,282	21	50,893	47	123,157	116	160,232
New Hampshire	8	372	516,519	46	62,282	12	15,885	4	11,064	30	35,333
Vermont	5	128	170,875	18	29,701	3	8,600	9	15,282	6	5,819
Massachusetts	27	16,086	29,064,276	926	2,067,218	78	372,209	117	326,520	731	1,368,489
Rhode Island and Connecticut[1]	6	6,717	11,762,783	827	1,751,151	29	207,439	84	250,983	714	1,292,729
MIDDLE ATLANTIC:											
New York	80	52,305	89,399,668	4,315	9,931,618	207	1,450,441	453	1,732,938	3,655	6,748,239
New Jersey	14	6,237	9,625,867	1,601	2,539,605	66	318,798	102	248,397	1,433	1,972,410
Pennsylvania	90	27,956	48,726,478	3,048	6,945,112	281	1,444,206	230	729,777	2,537	4,771,129
EAST NORTH CENTRAL:											
Ohio	55	17,943	30,391,593	2,047	3,774,639	144	685,021	297	963,032	1,606	2,126,586
Indiana	21	8,282	11,633,063	878	1,455,968	53	206,930	125	346,088	700	902,950
Illinois	52	29,620	53,801,981	2,056	4,274,307	118	856,779	258	851,897	1,680	2,565,631
Michigan	20	11,220	18,233,760	1,233	2,356,849	31	102,374	65	204,231	1,137	2,050,244
Wisconsin	16	4,260	7,616,729	463	894,985	22	93,086	76	208,149	365	593,750
WEST NORTH CENTRAL:											
Minnesota	10	4,809	7,316,668	591	1,219,550	27	201,343	40	136,440	524	881,767
Iowa	19	2,879	4,312,752	351	670,508	41	140,217	77	207,041	233	323,250
Missouri	15	10,438	16,025,613	978	1,881,964	45	300,958	116	305,191	817	1,275,815

North Dakota and South Dakota [1]	5	115	176,465	17	36,702	7	18,572	6	13,202	4	4,928
Nebraska	4	1,197	1,812,849	82	287,049	10	61,400	20	62,486	52	163,163
Kansas	16	1,144	1,441,721	174	261,481	30	67,642	25	62,815	119	131,024
SOUTH ATLANTIC:											
Delaware, Maryland, and District of Columbia [1]	7	9,349	14,475,660	986	2,154,526	45	326,427	58	231,426	883	1,596,673
Virginia	17	2,742	3,663,795	287	490,116	24	65,842	60	181,677	203	242,597
West Virginia	10	2,098	2,835,264	246	491,829	12	51,700	46	146,767	188	293,362
North Carolina	8	623	759,386	62	104,166	7	15,064	14	35,345	41	53,757
South Carolina	6	813	1,104,291	219	399,117	9	45,908	21	55,845	189	297,364
Georgia	7	1,601	2,600,239	167	409,627	22	85,689	18	58,380	127	265,558
Florida	7	1,047	1,703,813	137	384,439	10	61,235	28	98,120	99	225,084
EAST SOUTH CENTRAL:											
Kentucky	7	2,565	3,592,455	189	406,801	17	86,753	64	166,724	108	153,324
Tennessee	13	2,288	3,277,095	298	581,388	30	110,512	59	146,942	209	323,934
Alabama	3	1,443	2,449,134	170	364,698	12	82,144	17	44,584	141	237,970
Mississippi	3	116	146,413	20	39,942	3	7,663	11	22,857	6	9,422
WEST SOUTH CENTRAL:											
Arkansas	7	523	714,256	68	104,913	12	22,185	22	48,158	34	34,570
Louisiana	7	2,883	4,280,921	446	824,892	15	98,756	29	95,785	402	630,351
Oklahoma	10	1,259	1,620,443	176	443,324	22	72,150	30	82,060	124	289,114
Texas	20	5,036	6,916,713	627	1,332,737	42	217,015	151	392,386	434	723,336
MOUNTAIN: [2]											
Montana and Idaho [1]	6	375	671,416	53	103,275	11	8,389	18	50,912	24	43,974
Colorado	10	1,722	2,413,757	216	368,301	20	83,358	22	68,681	174	216,262
New Mexico and Arizona [1]	5	155	203,753	14	17,824	2	2,323	6	9,671	6	5,830
Utah and Nevada [1]	7	1,329	1,777,454	241	508,374	36	90,693	20	58,737	185	358,944
PACIFIC:											
Washington	18	3,747	6,250,286	502	806,994	67	158,307	54	144,733	381	503,954
Oregon	4	2,329	3,760,237	206	350,393	22	56,641	10	32,473	174	261,279
California	24	20,215	32,834,250	2,680	5,184,667	58	418,502	184	605,631	2,438	4,160,534
Hawaii, Philippine Islands, and Porto Rico [1]	4	1,506	983,182	334	251,712	11	16,161	81	117,139	242	118,412

[1] Not shown separately in order to avoid disclosing data for individual companies.
[2] No electric railways operated in Wyoming in 1927.

TABLE 86.—EMPLOYEES, SALARIES, AND WAGES, OPERATING COMPANIES, BY OCCUPATIONAL CLASSES, BY GEOGRAPHIC DIVISIONS AND STATES, AND FOR HAWAII, PHILIPPINE ISLANDS, AND PORTO RICO: 1927—Continued

DIVISION AND STATE	WAGE EARNERS											
	Total		Conductors		Motormen		Operators, one-man cars		Operators, busses		All other wage earners	
	Number	Wages	Number	Wages	Number	Wages	Number	Wages	Number	Wages	Number	Wages
UNITED STATES	239,270	$385,304,644	41,085	$71,321,403	46,210	$83,039,708	25,885	$42,274,998	2,540	$4,327,037	123,550	$184,341,498
GEOGRAPHIC DIVISIONS:												
New England	22,451	39,141,086	3,037	5,892,200	3,189	6,137,310	3,336	5,574,837	716	1,370,406	12,173	20,166,333
Middle Atlantic	77,534	128,335,678	9,419	15,847,431	15,405	28,762,271	6,999	12,136,957	3	3,461	45,708	71,585,558
East North Central	64,648	108,920,378	13,059	25,092,013	12,600	24,302,442	5,697	9,387,346	921	1,474,632	32,371	48,663,945
West North Central	18,389	26,728,814	4,374	6,781,922	4,209	6,625,069	2,064	3,204,915	73	95,770	7,669	10,021,138
South Atlantic	16,169	22,708,628	3,387	5,080,326	3,226	4,803,502	2,472	3,659,888	152	233,999	6,932	8,930,913
East South Central	5,735	8,072,268	1,258	1,981,238	1,173	1,885,410	923	1,376,618			2,381	2,829,002
West South Central	8,384	10,826,467	1,302	1,741,985	1,272	1,734,049	1,834	2,690,126	186	272,700	3,790	4,387,607
Mountain	3,057	4,068,606	415	549,831	355	476,825	686	1,123,025	26	33,148	1,575	1,885,777
Pacific	22,903	36,502,719	4,834	8,354,457	4,781	8,312,830	1,874	3,121,286	463	842,921	10,951	15,871,225
NEW ENGLAND:												
Maine	965	1,536,985	58	90,467	65	102,343	293	464,582	8	9,661	541	869,932
New Hampshire	326	454,237	8	12,786	10	15,886	133	207,373	6	5,072	169	213,120
Vermont	110	141,174	9	12,599	9	10,983	38	50,169	3	1,185	51	66,238
Massachusetts	15,160	26,997,058	1,932	3,893,829	1,969	3,957,868	2,166	3,602,795	631	1,209,970	8,462	14,332,596
Rhode Island and Connecticut [1]	5,890	10,011,632	1,030	1,882,519	1,136	2,050,230	706	1,249,918	68	144,518	2,950	4,684,447
MIDDLE ATLANTIC:												
New York	47,990	79,468,050	6,345	10,556,113	6,347	11,688,287	3,210	5,703,383	2	3,171	32,086	51,517,096
New Jersey	4,636	7,086,262	149	201,795	144	196,686	2,116	3,579,955	1	290	2,226	3,107,536
Pennsylvania	24,908	41,781,366	2,925	5,089,523	8,914	16,877,298	1,673	2,853,619			11,396	16,960,926
EAST NORTH CENTRAL:												
Ohio	15,896	26,616,954	3,161	5,398,894	3,125	5,356,586	1,522	2,573,521	345	583,818	7,743	12,704,135
Indiana	7,404	10,177,095	791	1,279,531	794	1,318,730	1,029	1,507,121	156	170,894	4,634	5,900,819
Illinois	27,564	49,527,674	6,448	13,674,759	6,132	12,965,682	1,207	2,035,488	156	249,965	13,621	20,601,780
Michigan	9,987	15,876,911	2,069	3,718,158	2,044	3,673,735	1,132	1,770,478	57	59,455	4,685	6,655,085
Wisconsin	3,797	6,721,744	590	1,020,671	505	987,709	807	1,500,738	207	410,500	1,688	2,802,126
WEST NORTH CENTRAL:												
Minnesota	4,218	6,097,118	1,225	2,031,371	1,226	2,051,548	90	152,953			1,677	1,861,246
Iowa	2,528	3,642,244	351	534,841	343	515,939	504	763,488	25	39,143	1,305	1,788,833
Missouri	9,460	14,143,649	2,408	3,671,852	2,247	3,521,255	1,052	1,697,070	10	14,353	3,743	5,239,119
North Dakota and South Dakota [1]	98	139,763	4	6,472	4	5,571	48	69,737	18	25,657	24	32,326
Nebraska	1,115	1,525,800	316	428,587	319	421,255	107	149,672	6	2,066	367	524,220
Kansas	970	1,180,240	70	108,799	70	109,501	263	371,995	14	14,551	553	575,394

SOUTH ATLANTIC:												
Delaware, Maryland, and District of Columbia [1]	8,363	12,321,134	2,302	3,501,622	2,267	3,415,738	189	340,600	108	177,331	3,497	4,885,843
Virginia	2,455	3,173,679	317	410,906	303	396,784	687	905,915			1,148	1,460,074
West Virginia	1,852	2,343,435	269	398,795	269	398,799	331	493,427			983	1,052,414
North Carolina	561	655,220	31	37,986	32	39,137	281	396,030			217	182,067
South Carolina	594	705,174	36	51,268	38	52,446	118	162,355			402	439,105
Georgia	1,434	2,190,612	381	607,784	266	428,640	411	677,690	6	8,855	370	467,643
Florida	910	1,319,374	51	71,965	51	71,958	455	683,871	38	47,813	315	443,767
EAST SOUTH CENTRAL:												
Kentucky	2,376	3,185,654	548	818,869	539	773,980	273	359,490			1,016	1,233,315
Tennessee	1,990	2,695,707	369	571,919	338	534,716	423	646,163			860	942,909
Alabama	1,273	2,084,436	339	588,082	294	574,346	167	294,066			473	627,942
Mississippi	96	106,471	2	2,368	2	2,368	60	76,899			32	24,836
WEST SOUTH CENTRAL:												
Arkansas	455	609,343	5	6,298	5	6,297	251	383,249	3	1,300	191	212,199
Louisiana	2,437	3,456,029	742	991,520	708	967,441	88	122,432	45	70,427	854	1,304,209
Oklahoma	1,083	1,177,119	65	74,569	68	83,796	253	353,716	45	65,623	652	599,415
Texas	4,409	5,583,976	490	669,598	491	676,515	1,242	1,830,729	93	135,350	2,093	2,271,784
MOUNTAIN: [2]												
Montana and Idaho [1]	322	568,141	44	69,093	43	67,193	84	164,179			151	267,676
Colorado	1,506	2,045,456	304	379,908	243	306,547	330	480,742	11	14,564	618	863,695
New Mexico and Arizona [1]	141	185,929	26	39,143	26	39,142	33	41,563			56	66,082
Utah and Nevada [1]	1,088	1,269,080	41	61,688	43	63,943	239	436,541	15	18,584	750	688,324
PACIFIC:												
Washington	3,245	5,443,292	434	761,771	432	750,359	886	1,517,195	133	235,560	1,360	2,178,407
Oregon	2,123	3,409,844	466	750,195	467	754,934	278	426,010	44	90,803	868	1,387,902
California	17,535	27,649,583	3,934	6,842,491	3,882	6,807,537	710	1,178,081	286	516,558	8,723	12,304,916
Hawaii, Philippine Islands, and Porto Rico [1]	1,172	731,470	389	211,941	305	211,422	20	42,819	8	13,911	450	251,377

[1] Not shown separately in order to avoid disclosing data for individual companies.
[2] No electric railways operated in Wyoming in 1927.

CHAPTER VII.—ELECTRIC LIGHT AND POWER DEPARTMENTS

The statistics relating to electric railways, as presented in this report, include data for the light and power departments of certain electric-railway companies which generated and distributed current for lighting and power purposes. When complete separate returns could be obtained for departments of this character, they were treated as independent light and power stations and the data for them were excluded from the electric-railway tabulations. In a relatively few cases, however, complete separate returns could not be prepared because of the impracticability of distributing between departments certain accounts, each of which was carried on the books as a whole. The electric-railway statistics, therefore, include data in regard to the light and power revenues of 17 electric-railway companies. (See Table 87.)

The statistics for 1922 and prior census years are not comparable with those for 1927, partly because the number of companies which failed to make separate reports for their light and power departments for 1922 and earlier years was much larger than the number which failed to make such reports for 1927, and partly because of changes in the schedules.

TABLE 87.—ELECTRIC LIGHT AND POWER DEPARTMENTS OF ELECTRIC-RAILWAY COMPANIES—CLASS OF SERVICE, NUMBER OF CUSTOMERS, OUTPUT OF ENERGY, AND REVENUE: 1927

CLASS OF SERVICE	Number of customers	Output of energy (kilowatt-hours)	Revenue
Total sales	28,044	64,920,782	$2,361,094
Sales to ultimate consumers, total	27,995	42,786,782	1,801,448
Farm service (all uses)	230	436,090	28,244
Domestic service (all uses)	22,763	9,011,438	736,653
Commercial service—			
Small light and power (retail)	4,383	13,030,502	535,428
Large light and power (wholesale)	552	16,650,344	395,289
Municipal street lighting	60	1,389,640	79,560
Railroads—motive power—			
Street and interurban railways	6	2,251,815	24,640
Electrified divisions of steam railroads	1	7,854	1,634
Sales for resale, total	49	22,143,000	559,646
To municipalities	17	1,213,951	56,899
To other electric companies	32	20,929,049	502,747

CHAPTER VIII.—MUNICIPAL AND STATE RAILWAYS

Data for municipal electric railways and the State-owned road in Bismarck, N. Dak., are included in all tables. These data are summarized in Table 88 and presented in detail in Table 89. In 1927 this group comprised 21 electric railways, with 934.46 miles of track; in 1922, 17 systems operating 794.95 miles of track. The increases in number and mileage are due in the main to shifts in ownership from municipal to commercial or vice versa, only one new system—the Coral Gables Railway, in Florida—being included in the group as constituted in 1927. The electric railways of Lincoln, Ill., Alexandria, La., Portland, Oreg., and Amarillo, Tex., with 21.43 miles of track, which were municipally operated in 1922, were commercially operated in 1927; and during the intervening period the municipalities of Phoenix, Ariz., Washington, Ind., Taunton, Greenfield, and Athol, Mass., Minneapolis, Minn., and Ashtabula, Ohio, had acquired and were operating electric-railway systems, formerly commercial, with an aggregate of 89.32 miles of track, including that of the new railway of Coral Gables, Fla.

A notable feature of the municipal systems is the growth in auxiliary motor-bus service. For 1922 three municipal railways (San Francisco, Detroit, and Seattle) reported 1,480,226 passengers carried by 19 motor busses operating on 17.98 miles of line. In 1927 this auxiliary service—for which no data are included in the electric-railway statistics—had grown to 50,563,987 passengers carried by 390 motor busses operating on 474.43 miles of lines. In 1922 the number of passengers carried by these bus auxiliaries was equal to three-tenths of 1 per cent of the total passengers of municipal and State electric railways; in 1927 it equaled 8.1 per cent of the corresponding total.

Following is a list of the municipal railways in operation in 1927:

Street Railway Properties of the City of Phoenix, Ariz.
Eureka Street Railway, Eureka, Calif.
Municipal Railway of San Francisco, Calif.
Fort Collins Municipal Railway, Fort Collins, Colo.
Municipal Railway of St. Petersburg, Fla.
Municipal Railway of Coral Gables, Fla.
Pekin Municipal Railway, Pekin, Ill.
Washington Street Railway, Washington, Ind.
Municipal Street Railway, Monroe, La.
Turner Railroad Co., Turner, Me.
Athol and Orange Transportation Area, Athol, Mass.
Greenfield and Montague Transportation Area, Greenfield, Mass.
Norton, Taunton, and Attleboro Street Railway Co., Taunton, Mass.
City of Detroit Department of Street Railway, Detroit, Mich.
Minneapolis Municipal Water Works Railway, Minneapolis, Minn.
St. Louis Water Works Railway, St. Louis, Mo.
City of Ashtabula, Division of Street Railways, Ashtabula, Ohio.
Department of Public Utilities, Radford, Va.
Seattle Municipal Street Railway, Seattle, Wash.
Takoma Public Utilities, Belt Line Division, Tacoma, Wash.

The only State railroad reported is the Capitol Car Line in Bismarck, N. Dak.

TABLE 88.—MUNICIPAL AND STATE ELECTRIC RAILWAYS—SUMMARY: 1927 AND 1922

	1927	1922	Per cent of increase[1]
Electric railways, total number	21	17	
Municipal	20	16	
State (North Dakota)	1	1	
Track mileage, total [2]	934.46	794.95	17.5
Running track, total	885.80	747.97	18.4
Main track	863.75	733.57	17.7
Sidings and turnouts	22.05	14.40	
Track in car houses, storage yards, etc	48.66	46.98	
Cars, total number	2,804	2,535	10.6
Revenue cars, total number	2,626	2,367	10.9
Passenger	2,567	2,358	8.9
Express, freight, baggage, and mail	59	9	
Service cars, work cars, snowplows, and scrapers	178	168	6.0
Electric locomotives	2	3	
Electric energy: Kilowatt-hours, total	283,251,560	206,744,988	37.0
Generated	44,541,744	39,464,170	12.9
Purchased	238,709,825	167,280,818	42.7
Passengers carried, total [3]	626,746,061	485,485,478	29.1
Revenue, total	587,644,720	452,734,453	29.8
Regular	469,113,980	376,751,929	24.5
Pay-transfer	118,530,740	75,982,524	56.0
Free-transfer	32,587,150	31,889,793	2.2
Free	6,514,191	861,232	656.4
Revenue-car mileage, total	74,084,917	58,850,194	27.4
Passenger	74,056,925	58,766,538	27.6
Express, freight, and mail	27,992	83,656	−66.5
Revenue passengers per mile of track operated	663,406	605,284	9.6
Revenue passengers per revenue-passenger-car mile	7.84	7.70	
Operating revenues	$33,056,578	$23,244,617	46.1
Operating expenses	$27,387,954	$17,390,510	57.5
Net operating revenues	$6,508,624	$5,854,107	12.2
Taxes	$754,074	$411,409	83.3
Operating income	$5,814,550	$5,442,698	6.8
Nonoperating income	$252,178	$71,113	254.6
Gross income	$6,066,728	$5,513,811	−10.0
Deductions from gross income, total	$3,084,037	$1,833,285	68.2
Interest on funded debt	$2,874,754	$1,602,039	79.4
Interest on unfunded (floating) debt	$55,070	$62,006	−10.2
Other deductions	$153,613	$169,240	−9.2
Net income	$2,982,691	$3,680,526	−19.0
Salaried employees	872	617	41.3
Salaries	$1,081,193	$1,168,282	69.6
Wage earners, number	9,339	7,645	22.2
Wages	$15,054,481	$10,112,154	54.8
Assets or liabilities, total	$94,623,060	$68,648,879	37.8
Assets:			
Road and equipment	79,622,348	58,008,727	37.3
Other investments	34,904	1,057,484	−96.7
Cash and other current assets	13,608,896	8,387,521	62.3
Profit and loss deficit	1,356,912	1,195,147	13.5
Liabilities:			
Cash investment (from taxes, etc.) and profit and loss surplus	18,129,731	21,016,798	−17.3
Funded debt	37,449,319	37,881,600	−1.1
Unfunded debt, reserves, and current and other liabilities	39,044,010	8,850,481	341.2

[1] A minus sign (−) denotes decrease; per cent not computed where base is less than 100.
[2] Includes overhead trolley and cable track mileage as follows: For 1927—overhead trolley, 926.14; cable, 8.32; total, 934.46. For 1922—overhead trolley, 786.63; cable, 8.32; total, 794.95.
[3] Exclusive of bus passengers as follows: 1927, 50,563,983; 1922, 1,480,226.

TABLE 89.—MUNICIPAL AND STATE ELECTRIC RAILWAYS—PRINCIPAL STATISTICS, BY STATES AND MUNICIPALITIES: 1927

	MUNICIPAL RAILWAYS						
	Total	Arizona: Phoenix	California		Colorado: Fort Collins	Florida	
			San Francisco	Eureka		St. Petersburg	Coral Gables
TRACKAGE							
Track mileage,[1] total	933.34	26.64	[2] 74.12	11.55	6.75	35.22	15.10
Running track, total	884.68	26.26	70.29	10.94	6.67	33.14	15.00
Main track, total	862.63	25.48	69.70	10.56	6.50	32.84	14.30
Road or first track	585.08	21.48	69.70	10.56	6.50	31.31	14.30
Second track	261.77	4.00				1.53	
Other main track	15.78						
Sidings and turnouts	22.05	0.78	0.59	0.28	0.17	0.30	0.70
Track in car houses, storage yards, etc	48.66	0.38	03.83	0.61	0.08	02.08	0.10
ROLLING STOCK							
Cars, total number	2,803	28	230	11	7	51	20
Revenue cars, total	2,625	24	224	10	7	46	20
Passenger	2,566	24	224	10	7	46	20
Express, freight, baggage, and mail	59						
Service cars, work cars, snowplows, and sweepers	178	4	6	1		5	
Electric locomotives	2						
POWER							
Electric energy, total kilowatt-hours	283,152,569	1,966,805	42,638,003	1,411,965	350,000	2,420,355	1,015,200
Generated	44,442,744						
Purchased	238,709,825	1,966,805	42,638,003	1,411,965	350,000	2,420,355	1,015,200
TRAFFIC AND MILEAGE							
Passengers carried, total	[3] 626,694,980	3,986,123	[3] 81,172,868	1,264,960	496,885	3,881,048	482,907
Revenue, total	587,593,639	3,666,658	67,284,418	1,264,960	480,369	3,835,007	482,907
Regular	469,062,899	3,666,658	67,284,418	1,117,516	480,369	3,835,007	482,907
Pay-transfer	118,530,740			147,444			
Free-transfer	32,587,150	279,922	13,354,052		16,516	46,041	
Free	6,514,191	39,543	534,398				
Revenue-car mileage, total	74,966,917	782,964	8,907,827	491,361	230,000	1,625,844	233,487
Passenger	74,938,925	782,964	8,907,827	491,361	230,000	1,625,844	233,487
Express, freight, and mail	27,992						
Revenue passengers per mile of track operated	664,188	139,629	957,240	115,627	72,019	115,721	32,197
Revenue passengers per revenue-passenger-car mile	7.84	4.68	7.55	2.57	2.69	2.36	2.07

[1] Overhead trolley, 926.14 miles; cable, 8.32 miles.
[2] Includes 5.15 miles of electric trackage rights.
[3] Exclusive of 2,430,784 passengers carried by 19 motor busses operating on 24.60 miles of line.

TABLE 89.—MUNICIPAL AND STATE ELECTRIC RAILWAYS—PRINCIPAL STATISTICS, BY STATES AND MUNICIPALITIES: 1927—Continued

	MUNICIPAL RAILWAYS—continued						
	Total	Arizona: Phoenix	California		Colorado: Fort Collins	Florida	
			San Francisco	Eureka		St. Petersburg	Coral Gables
FINANCIAL STATISTICS							
Operating revenues	$33,954,024	$187,470	$3,466,716	$66,268	$24,299	$331,258	$54,314
Operating expenses	27,382,354	168,487	3,212,223	70,080	35,385	430,141	117,835
Net operating revenues [1]	6,571,670	18,983	254,493	*3,812*	*11,086*	*98,883*	*63,521*
Taxes	754,074						
Operating income [1]	5,817,596	18,983	254,493	*3,812*	*11,086*	*98,883*	*63,521*
Nonoperating income	252,178						
Gross income [1]	6,069,774	18,983	254,493	*3,812*	*11,086*	*98,883*	*63,521*
Deductions from gross income, total	3,084,037	424	167,768	13,203	4,000	12,411	145,771
Interest on funded debt	2,874,754		167,768	11,500	4,000	10,000	106,920
Interest on unfunded (floating) debt	55,670					2,411	
Other deductions	153,613	424		1,703			38,851
Net income or deficit [1]	2,985,737	18,559	86,725	*17,015*	*15,086*	*111,294*	*209,292*
EMPLOYEES, SALARIES, AND WAGES							
Salaried employees	872	2	99	2	2	11	4
Salaries	$1,981,193	$5,700	$190,731	$1,731	$3,600	$20,052	$11,400
Wage earners, total	9,337	79	1,018	23	15	112	30
Conductors	2,514	25	410				
Motormen	2,460	25	384				
Operators, 1-man cars	847			20	9	67	10
Operators, busses	104		30				9
All other wage earners	3,412	29	194	3	6	45	11
Wages, total	$15,651,781	$103,869	$1,957,375	$30,365	$17,746	$161,760	$29,322
Conductors	4,529,074	37,474	761,866				
Motormen	4,454,459	37,474	737,087				
Operators, 1-man cars	1,519,478			25,547	11,880	115,727	9,660
Operators, busses	197,908		51,117				14,382
All other wage earners	4,950,862	28,921	407,305	4,818	5,866	46,033	5,280
CONDENSED BALANCE SHEET							
Assets or liabilities, total	$94,600,660	$62,837	$11,393,902	$202,610	$201,184	$1,469,856	$1,996,884
Assets:							
Road and equipment	79,599,948	20,000	8,969,135	250,706	172,623	1,250,037	1,786,169
Other investments	34,904				12,500		
Cash and other current assets	13,608,896	42,837	2,111,034	11,814	16,061	84,525	1,423
Profit and loss deficit	1,356,912		313,733			134,694	209,292
Liabilities:							
Cash investment (from taxes, etc.) and profit and loss surplus	18,107,331	60,837		3,322	121,184		
Funded debt	37,449,319		3,295,000	230,000	80,000	1,130,000	1,782,000
Unfunded debt, reserves, and current and other liabilities	39,044,010	2,000	8,098,902	29,288		339,856	214,884

[1] *Italics* denote deficit.

TABLE 89.—MUNICIPAL AND STATE ELECTRIC RAILWAYS—PRINCIPAL STATISTICS, BY STATES AND MUNICIPALITIES: 1927—Continued

	MUNICIPAL RAILWAYS—continued							
	Illinois: Pekin	Indiana: Washington	Louisiana: Monroe	Maine: Turner	Massachusetts			Michigan: Detroit
					Taunton	Greenfield	Athol	
TRACKAGE								
Track mileage, total	3.30	3.20	8.66	[5] 12.60	19.71	9.12	7.11	[6] 425.53
Running track, total	3.15	3.00	8.58	12.50	19.45	8.82	6.86	395.31
Main track, total	2.90	2.90	8.20	12.30	18.62	8.52	6.38	392.26
Road or first track	2.90	2.90	8.20	12.30	18.62	8.52	6.38	215.91
Second track								160.57
Other main track								15.78
Sidings and turnouts	0.25	0.10	0.38	0.20	0.83	0.30	0.48	3.05
Track in car houses, storage yards, etc	0.15	0.20	0.08	0.10	0.26	0.30	0.25	30.22
ROLLING STOCK								
Cars, total number	6	6	14	5	9	14	11	1,757
Revenue cars, total	5	6	13	4	7	8	8	1,644
Passenger	5	6	13	2	7	8	8	1,644
Express, freight, baggage, and mail				2				
Service cars, work cars, snowplows, and sweepers	1		1	1	2	6	3	113
Electric locomotives								
POWER								
Electric energy, total kilowatt-hours	263,440	382,500	492,176	191,040	357,970	985,800	564,700	168,688,017
Generated								44,101,900
Purchased	263,440	382,500	492,176	191,040	357,970	985,800	564,700	124,586,117
TRAFFIC AND MILEAGE								
Passengers carried, total	645,440	262,730	2,110,869	62,051	539,437	1,021,046	444,300	[7] 440,855,420
Revenue, total	645,440	262,330	1,636,373	62,051	539,437	1,000,000	444,100	436,255,420
Regular	645,440	262,330	1,636,373	62,051	539,437	1,000,000	444,100	319,035,264
Pay-transfer								[8] 117,220,156
Free-transfer			328,496			21,046		
Free		400	146,000				200	4,600,000
Revenue-car mileage, total	146,880	133,955	440,847	45,792	235,469	228,579	118,426	46,440,692
Passenger	146,880	133,955	440,847	40,880	235,469	228,579	118,426	46,440,692
Express, freight, and mail				4,912				
Revenue passengers per mile of track operated	204,902	87,443	190,719	4 964	27,735	113,379	64,738	1,103,578
Revenue passengers per revenue-passenger-car mile	4.39	1.96	3.71	1.52	2.29	4.37	3.75	9.39

[5] Includes 4 miles of electric trackage rights.
[6] Includes 27.36 miles of electric trackage rights and 1.39 miles not operated.
[7] Exclusive of 43,135,614 passengers carried by 336 motor busses operating on 363.23 miles of line.
[8] Includes free-transfer passengers.

TABLE 89.—MUNICIPAL AND STATE ELECTRIC RAILWAYS—PRINCIPAL STATISTICS, BY STATES AND MUNICIPALITIES: 1927—Continued

	MUNICIPAL RAILWAYS—continued							
	Illinois: Pekin	Indiana: Washington	Louisiana: Monroe	Maine: Turner	Massachusetts			Michigan Detroit
					Taunton	Greenfield	Athol	
FINANCIAL STATISTICS								
Operating revenues	$29,325	$13,317	$74,368	$13,590	$51,080	$87,249	$44,491	$23,507,972
Operating expenses	23,802	18,068	87,370	16,570	50,444	81,682	43,193	17,980,836
Net operating revenues [1]	5,523	*4,751*	*13,002*	*2,983*	636	5,567	1,298	5,527,136
Taxes					245	575	207	753,047
Operating income [1]	5,523	*4,751*	*13,002*	*2,983*	391	4,992	1,091	4,774,089
Nonoperating income	1,209					799	408	249,762
Gross income [1]	6,732	*4,751*	*13,002*	*2,983*	391	5,791	1,499	5,023,851
Deductions from gross income, total	1,191	2,420			6,913	494	876	1,888,649
Interest on funded debt	1,018				6,000		870	1,888,649
Interest on unfunded (floating) debt	173				913	494		
Other deductions		2,420					6	
Net income or deficit [1]	5,541	*7,171*	*13,002*	*2,983*	*6,522*	5,297	623	3,135,202
EMPLOYEES, SALARIES, AND WAGES								
Salaried employees	2	1	3	1	1	5	3	664
Salaries	$2,328	$778	$5,645	$1,250	$989	$8,385	$3,900	$1,584,489
Wage earners, total	9	9	28	6	12	26	10	6,324
Conductors				1				1,775
Motormen				1				1,746
Operators, 1-man cars	6	6	21	2	10	10	6	239
All other wage earners	3	3	7	2	2	16	4	2,564
Wages, total	$13,207	$9,539	$41,539	$6,334	$17,781	$33,068	$19,314	$10,209,613
Conductors				896				3,185,497
Motormen				896				3,133,441
Operators, 1-man cars	8,640	6,933	28,290	1,793	14,304	15,419	8,494	487,458
All other wage earners	4,567	2,606	13,249	2,749	3,477	17,649	10,820	3,403,217
CONDENSED BALANCE SHEET								
Assets or liabilities, total	$68,592	$51,865	$120,317	$32,983	$341,434	$139,708	$33,534	$57,141,303
Assets:								
Road and equipment	50,000	51,865	96,509	30,000	226,930	114,276	21,319	48,091,933
Other investments	13,000						1,679	
Cash and other current assets	5,592		3,512		2,468	25,432	9,594	9,049,370
Profit and loss deficit			20,296	2,983	112,036		942	
Liabilities:								
Cash investment (from taxes, etc.) and profit and loss surplus	5,273		114,301	18,000	120,000	101,314		17,229,510
Funded debt	63,319	5,000		12,000	120,000		30,000	17,465,000
Unfunded debt, reserves, and current and other liabilities		46,865	6,016	2,983	101,434	38,394	3,534	22,446,793

[1] *Italics* denote deficit.

TABLE 89.—MUNICIPAL AND STATE ELECTRIC RAILWAYS—PRINCIPAL STATISTICS, BY STATES AND MUNICIPALITIES: 1927—Continued

	MUNICIPAL RAILWAYS—continued						State railway of North Dakota: Bismarck
	Minnesota: Minneapolis	Missouri: St. Louis [9]	Ohio: Ashtabula	Virginia: Radford	Washington		
					Seattle	Tacoma	
TRACKAGE							
Track mileage, total	1.60	9.98	6.84	2.62	[10] 240.49	13.20	1.12
Running track, total	1.60	9.53	6.73	2.61	231.54	12.70	1.12
Main track, total	1.50	7.84	6.52	2.61	224.40	8.20	1.12
Road or first track	1.50	7.84	6.52	2.61	131.73	5.20	1.12
Second track					92.67	3.00	
Sidings and turnouts	0.10	1.69	0.21		7.14	4.50	
Track in car houses, storage yards, etc.		0.45	0.11	0.01	8.95	0.50	
ROLLING STOCK							
Cars, total number	1	7	13	1	593	19	1
Revenue cars, total	1	7	10	1	562	18	1
Passenger	1	5	10	1	507	18	1
Express, freight, baggage, and mail		2			55		
Service cars, work cars, snow-plows, and sweepers			3		31	1	
Electric locomotives						2	
POWER							
Electric energy, total kilowatt-hours	34,056	340,844	1,014,926	458,400	58,564,321	1,012,051	99,000
Generated, kilowatt-hours		340,844					99,000
Purchased, kilowatt-hours	34,056		1,014,926	458,400	58,564,321	1,012,051	
TRAFFIC AND MILEAGE							
Passengers carried, total	20,281	361,201	1,389,406	297,840	[11] 85,630,809	1,769,309	51,081
Revenue, total	5,681	259,538	1,306,491	297,840	66,108,398	1,756,171	51,081
Regular	5,681	259,538	1,306,491	297,840	65,479,774	1,221,655	51,081
Pay-transfer					628,624	534,516	
Free-transfer			55,480		18,472,459	13,138	
Free	14,600	101,663	27,435		1,049,952		
Revenue-car mileage, total	8,760	77,940	270,994	14,458	14,283,204	249,438	18,000
Passenger	8,760	77,940	270,994	14,458	14,260,124	249,438	18,000
Express, freight, and mail					23,080		
Revenue passengers per mile of track operated	3,551	27,233	194,129	114,115	285,516	138,281	45,608
Revenue passengers per revenue-passenger-car mile	.65	3.33	4.82	20.60	4.64	7.04	2.84

[9] St. Louis Water Works Ry.; freight handled by steam locomotives.
[10] Includes 1.50 miles of electric trackage rights and 8.32 miles operated by cable.
[11] Exclusive of 4,997,589 passengers carried by 35 motor busses operating on 86.60 miles of line.

TABLE 89.—MUNICIPAL AND STATE ELECTRIC RAILWAYS—PRINCIPAL STATISTICS, BY STATES AND MUNICIPALITIES: 1927—Continued

	MUNICIPAL RAILWAYS—continued						State railway of North Dakota: Bismarck
	Minnesota: Minneapolis	Missouri: St. Louis [9]	Ohio: Ashtabula	Virginia: Radford	Washington		
					Seattle	Tacoma	
FINANCIAL STATISTICS							
Operating revenues	$170	$12,493	$116,374	$14,892	$5,758,292	$100,080	$2,554
Operating expenses	4,662	45,307	111,409	13,990	4,793,667	77,194	5,600
Net operating revenues [1]	*4,492*	*32,814*	4,965	902	964,625	22,886	*3,046*
Taxes							
Operating income [1]	*4,492*	*32,814*	4,965	902	964,625	22,886	*3,046*
Nonoperating income							
Gross income [1]	*4,492*	*32,814*	4,965	902	964,625	22,886	*3,046*
Deductions from gross income, total			11,190	780	808,034	19,913	
Interest on funded debt			11,190	780	648,659	17,400	
Interest on unfunded (floating) debt					49,445	2,234	
Other deductions					109,930	279	
Net income or deficit [1]	*4,492*	*32,814*	*6,225*	122	156,591	2,973	*3,046*
EMPLOYEES, SALARIES, AND WAGES							
Salaried employees		1	2	2	64	3	
Salaries		$1,704	$4,375	$2,640	$126,276	$5,220	
Wage earners, total	1	18	44	3	1,555	15	2
Conductors		5			298		
Motormen	1	5			298		
Operators, 1-man cars			22	2	406	11	1
Operators, busses			4		60	1	
All other wage earners		8	18	1	493	3	1
Wages, total	$2,220	$24,888	$60,493	$4,200	$2,883,971	$25,177	$2,700
Conductors		6,964			536,377		
Motormen	2,220	6,964			536,377		
Operators, 1-man cars			31,408	3,000	730,193	20,732	1,500
Operators, busses			5,895		126,069	445	
All other wage earners		10,960	23,190	1,200	954,955	4,000	1,200
CONDENSED BALANCE SHEET							
Assets or liabilities, total	$58,790	$274,800	$212,500	$15,000	$20,368,086	$354,475	$22,400
Assets:							
Road and equipment	51,809	274,800	212,500	15,000	17,625,160	288,478	22,400
Other investments	2,489					5,236	
Cash and other current assets					2,205,354	39,880	
Profit and loss deficit	4,492				537,563	20,881	
Liabilities:							
Cash investment (from taxes, etc.), and profit and loss surplus	58,790	274,800					22,400
Funded debt			212,500	13,000	12,663,500	348,000	
Unfunded debt, reserves, and current and other liabilities				2,000	7,704,586	6,475	

[1] *Italics* denote deficit.
[9] St. Louis Water Works Ry.; freight handled by steam locomotives.

CHAPTER IX.—MOTOR-BUS OPERATIONS OF ELECTRIC RAILWAYS

This chapter presents statistics for motor-bus lines operated as feeders by electric-railway companies and for those operated by companies subsidiary to electric-railway companies. No data were collected for motor-bus lines which are entirely independent of electric railways. Many of the subsidiary companies operate lines which serve as feeders to electric railways, but a number of these subsidiary lines are operated as independent transportation services.

Outstanding features of the development of motor-bus lines.—The extension of motor-bus service in connection with street and interurban railway lines was rapid during the last quinquennial period, the bus-line mileage having increased from 685.36, or 2.14 per cent of the total of 31,949.62 miles of first-track and bus-line mileage of electric railways, in 1922 to 3,312.76, or 10.59 per cent of the total of 31,260.39 miles of first track and bus-line mileage, in 1927. This comparison is restricted to first-track mileage and mileage of bus lines operated *directly* by electric-railway companies, for the reason that no data in regard to bus lines operated by subsidiary companies were collected for 1922.

The bus lines operated *either directly by electric railways or by subsidiary companies* in 1927 reported 14,298.72 miles of line, or 33.84 per cent of the total of 42,246.35 miles of first-track and bus line; but the bus passengers, 784,259,878 in number, represented only 6 per cent of the total of 12,958,852,211 passengers carried.

The following statement, based on Table 90, summarizes the statistics in regard to revenue passengers per mile, per bus, etc., which may be regarded as indexes of traffic density:

AVERAGE NUMBER OF REVENUE PASSENGERS	MOTOR-BUS LINES: 1927		
	Total	Operated by electric-railway companies	Operated by subsidiary companies
Per mile of route (round trip)	26,797	23,722	27,772
Per mile of street or highway served (one way)	54,848	50,647	56,116
Per bus operated	102,104	88,259	106,657
Per revenue bus-mile	2.90	2.58	3.00
Per revenue bus-hour	31.92	29.79	32.56

The States with average numbers of revenue passengers per bus-mile and per bus-hour above the average for the United States are the following:

Per revenue bus-mile		*Per revenue bus-hour*	
United States	2.9	United States	31.5
New Jersey	5.5	New Jersey	52.4
Montana	4.4	Rhode Island	41.1
Alabama	3.9	Alabama	39.8
Massachusetts	3.3	Connecticut	35.8
Rhode Island	3.3	Massachusetts	34.6
Connecticut	3.2	Pennsylvania	33.1
Pennsylvania	3.2	California	32.0
New York	3.1		
Louisiana	2.9		

The States at the bottom of the lists are:

Per revenue bus-mile		*Per revenue bus-hour*	
Utah	1.4	South Dakota	17.0
New Hampshire	1.4	Washington	16.2
Minnesota	1.3	Minnesota	16.0
Washington	1.1	Tennessee	15.9
South Dakota	0.6	New Hampshire	12.1
Maine	0.5	Maine	4.9

Of the total of 8,277 busses, both owned and rented, reported for December 31, 1927, 7,745, or 93.6 per cent, were of the single-deck type, and 532, or 6.4 per cent, were double decked. Classified according to type of drive, 6,923, or 83.6 per cent, were mechanically driven, and 1,354, or 16.4 per cent, were of the gasoline-electric type. Four-wheel busses numbered 5,324, or 64.3 per cent; and 2,953, or 35.7 per cent, had six wheels.

The average number of busses operated in scheduled service was 6,238, or 75.4 per cent of the total number owned and rented at the close of the year. These percentages ranged from 63.1 for the East South Central Division to 83.5 for New England.

The average bus fare, for the United States as a whole, was 8.49 cents, as compared with 6.50 cents for electric railways. The highest average rate shown, 18.96 cents, is for Maine, New Hampshire, and Vermont, as a group, and the lowest is 5.50 cents, for New Jersey.

The ratio of expenses to revenues indicated by the statistics for the motor-bus lines is 96.6 per cent, whereas the corresponding ratio for electric railways, exclusive of motor-bus lines directly operated by them, is 74.7. The majority of the operating bus lines reported a deficit, the net amount of which, for all motor-bus lines covered by this report, was $2,173,064.

The ratio of salaries and wages to operating revenues of the bus lines, for the United States as a whole, was 40.5 per cent in 1927, and the corresponding ratio to operating expenses was 41.9 per cent. The States with the highest ratios of salaries and wages to operating revenues were Missouri, with 51 per cent, California, 41.1 per cent, and Florida, 48.9 per cent; while those with the lowest ratios were West Virginia, with 31.3 per cent, Kansas, 32.9 per cent, and Montana, Colorado, Arizona, and Utah, taken as a group, 33 per cent.

TABLE 90.—PRINCIPAL STATISTICS—ELECTRIC-RAILWAY AND SUBSIDIARY MOTOR-BUS LINES: 1927

	MOTOR-BUS LINES		
	Total	Operated directly by electric-railway companies	Operated by subsidiary companies
Number of companies	301	98	203
Number of routes operated	1,583	482	1,101
Miles of route (round trip)	29,266.98	7,072.92	22,194.06
Miles of street or highway served (1 way)	14,298.72	3,312.76	10,985.96
Number of busses, total	8,277	2,064	6,213
Owned	7,818	1,885	5,933
Rented	459	179	280
Number of busses in operation	7,681	1,901	5,780
Average number of busses operated in scheduled service during the year	6,238	1,585	4,653
Number of single-deck busses, total	7,745	1,976	5,769
Owned	7,303	1,797	5,506
Rented	442	179	263

TABLE 90.—PRINCIPAL STATISTICS—ELECTRIC-RAILWAY AND SUBSIDIARY MOTOR-BUS LINES: 1927—Continued

	MOTOR-BUS LINES		
	Total	Operated directly by electric-railway companies	Operated by subsidiary companies
Number of double-deck busses, total	532	88	444
Owned	515	88	427
Rented	17		17
Number of passengers carried, total	875, 402, 229	214, 694, 454	660, 707, 775
Revenue passengers	771, 806, 464	163, 198, 613	608, 607, 851
Pay-transfer passengers	12, 453, 414	4, 582, 582	7, 870, 832
Free-transfer passengers	85, 235, 378	45, 667, 065	39, 568, 313
Free passengers	5, 906, 973	1, 246, 194	4, 660, 779
Number of bus miles, total	272, 517, 688	65, 905, 107	206, 612, 581
Revenue miles	270, 482, 636	65, 068, 007	205, 414, 629
Nonrevenue miles	2, 035, 052	837, 100	1, 197, 952
Number of bus hours, total	24, 926, 796	5, 716, 345	19, 210, 451
Revenue hours	24, 571, 114	5, 632, 039	18, 939, 075
Nonrevenue hours	355, 682	84, 306	271, 376
Number killed or died from injuries	108	15	93
Number injured but not killed	10, 082	3, 151	6, 931
Operating revenues, total	$68, 120, 905	$15, 135, 031	$52, 985, 874
Transportation revenues	67, 252, 508	15, 004, 268	52, 248, 240
Miscellaneous operating revenues	868, 397	130, 763	737, 634
Operating expenses, total	$65, 771, 412	$15, 271, 740	$50, 499, 672
Maintenance of plant and equipment	23, 717, 022	5, 397, 824	18, 319, 198
Operation	36, 056, 350	8, 553, 900	27, 502, 450
General expense (including traffic promotion)	5, 998, 040	1, 320, 016	4, 678, 024
Net operating revenue, motor-bus lines	2, 349, 493	[1] *136, 709*	2, 486, 202
Net revenue from auxiliary operations	[1] *230, 909*		[1] *230, 909*
Total net revenues, motor-bus and auxiliary	2, 118, 584	[1] *136, 709*	2, 255, 293
Taxes	2, 879, 746	584, 411	2, 295, 335
Operating income	[1] *761, 162*	[1] *721, 120*	[1] *40, 042*
Nonoperating income	295, 249	31, 580	263, 669
Gross income	[1] *465, 913*	[1] *689, 540*	223, 627
Deductions from gross income	1, 707, 151	198, 348	1, 508, 803
Net income	[1] *2, 173, 064*	[1] *887, 888*	[1] *1, 285, 176*
Number of employees, total	16, 633	3, 619	13, 014
Salaried employees	2, 333	265	2, 068
Wage earners	14, 300	3, 354	10, 946
Salaries and wages, total	$27, 564, 088	$6, 119, 037	$21, 445, 051
Salaries	3, 339, 895	656, 922	2, 682, 973
Wages	24, 224, 193	5, 462, 115	18, 762, 078

[1] Deficit.

TABLE 91.—SUMMARY—MOTOR-BUS LINES *OPERATED DIRECTLY* BY ELECTRIC-RAILWAY COMPANIES: 1927 AND 1922

[See "Outstanding features of the development of motor-bus lines," p. 177]

	1927	1922
Number of lines	482	100
Miles of street or highway served (1 way)	3, 312.76	685.36
Number of motor busses	2, 064	370
Number of passengers carried	214, 694, 454	16, 120, 115
Number of bus-miles	65, 905, 107	7, 116, 404
Number of bus-hours	5, 716, 345	622, 052
Average number of passengers:		
Per bus mile	3.26	2.24
Per bus hour	38	26

TABLE 92.—PASSENGER TRAFFIC, BUS MILEAGE, AND BUS HOURS, BY GEOGRAPHIC DIVISIONS AND STATES: 1927

DIVISION AND STATE	Number of companies	MILES OF— Route (round trip)	MILES OF— Street or highway served (1 way)	NUMBER OF PASSENGERS Total	NUMBER OF PASSENGERS Revenue [1]	NUMBER OF PASSENGERS Free transfer	NUMBER OF PASSENGERS Free	Average number of revenue passengers per bus-mile	Revenue bus-miles	COMPANIES REPORTING REVENUE BUS-HOURS Number of companies	COMPANIES REPORTING REVENUE BUS-HOURS Revenue [1] passengers	COMPANIES REPORTING REVENUE BUS-HOURS Revenue bus-hours	Average number of revenue passengers per bus-hour
UNITED STATES	301	29,266.98	14,298.72	875,402,229	784,259,878	85,235,378	5,906,973	2.9	270,482,636	299	772,962,001	24,571,114	[2] 31.5
GEOGRAPHIC DIVISIONS:													
New England	24	2,504.83	1,176.94	884,659.09	69,013,183	19,233,521	219,205	3.3	21,020,287	24	69,013,183	1,975,259	34.9
Middle Atlantic	59	4,639.03	2,241.61	3,572,832.02	348,529,150	7,077,193	1,676,859	4.7	74,742,707	59	348,529,150	7,658,144	45.5
East North Central	81	12,143.12	5,883.72	2,103,932.58	181,199,028	27,259,057	1,935,173	2.1	86,394,173	80	169,903,001	7,015,559	24.2
West North Central	31	2,566.14	1,291.54	37,588,004	33,547,005	3,846,243	194,756	1.8	19,038,616	31	33,547,005	1,637,894	20.5
South Atlantic	37	2,999.98	1,570.61	70,797,835	64,268,506	6,022,891	506,438	2.4	27,274,576	37	64,268,506	2,642,021	24.3
East South Central	9	194.96	96.78	9,272,739	8,362,848	464,180	445,711	2.0	4,194,407	9	8,362,848	422,138	19.8
West South Central	23	923.83	488.27	31,570,531	25,290,687	6,032,901	246,943	2.0	12,444,959	23	25,290,687	1,202,687	21.0
Mountain	9	329.23	166.98	2,059,466	1,928,681	103,289	27,496	1.8	1,102,057	9	1,928,681	98,644	19.6
Pacific	28	2,965.86	1,382.27	67,971,285	52,120,790	15,196,103	654,392	2.1	24,270,854	27	52,118,940	1,918,768	27.2
NEW ENGLAND:													
Maine	2	90.00	45.00	87,659	86,659	----------	1,000	0.5	192,319	2	86,659	17,577	4.9
New Hampshire	2	75.00	37.50	124,067	118,507	5,480	80	1.4	81,846	2	118,507	9,756	12.1
Vermont	1	3.60	1.80	71,000	70,000	----------	1,000	2.4	29,500	1	70,000	3,278	21.4
Massachusetts	14	1,471.23	717.92	63,731,711	46,251,557	17,350,221	129,933	3.3	13,823,564	14	46,251,557	1,337,751	34.6
Rhode Island	1	130.00	65.00	8,550,118	8,446,699	16,922	86,497	3.3	2,529,912	1	8,446,699	205,490	41.1
Connecticut	4	735.00	309.72	15,901,354	14,039,761	1,860,898	695	3.2	4,363,146	4	14,039,761	401,407	35.0
MIDDLE ATLANTIC:													
New York	25	1,095.18	539.59	37,496,441	30,859,065	6,463,260	174,116	3.1	9,838,760	25	30,859,065	1,001,124	30.8
New Jersey	6	2,316.60	1,090.75	265,756,713	264,257,734	57,896	1,441,083	5.5	48,314,830	6	264,257,734	5,043,050	52.4
Pennsylvania	28	1,227.25	611.27	54,030,048	53,412,351	556,037	61,660	3.2	16,589,117	28	53,412,351	1,613,970	33.1
EAST NORTH CENTRAL:													
Ohio	25	2,411.96	1,166.26	71,622,680	60,307,001	10,913,897	401,782	2.6	23,104,348	24	49,010,974	1,777,449	27.6
Indiana	14	2,753.55	1,376.82	26,643,504	24,238,382	2,150,804	254,318	1.6	15,256,281	14	24,238,382	1,311,009	18.5
Illinois	22	1,459.22	731.00	31,191,075	26,210,346	4,505,573	475,156	2.4	10,797,461	22	26,210,346	977,066	26.8
Michigan	12	2,714.75	1,337.17	62,678,123	55,653,215	6,293,201	731,707	1.9	28,809,844	12	55,653,215	2,245,473	24.8
Wisconsin	8	2,803.64	1,272.47	18,257,876	14,790,084	3,395,582	72,210	1.8	8,426,239	8	14,790,084	704,562	21.0
WEST NORTH CENTRAL:													
Minnesota	2	244.93	133.79	8,996,828	7,436,226	1,534,030	26,572	1.3	5,693,470	2	7,436,226	463,898	16.0
Iowa	10	1,507.31	751.91	5,781,760	5,060,675	630,690	90,395	1.5	3,434,921	10	5,060,675	294,121	17.2
Missouri	7	427.88	215.69	13,931,606	13,755,498	138,157	37,951	2.5	5,515,496	7	13,755,498	516,124	26.7
North Dakota	1	7.40	6.50	242,440	242,440	----------	----------	1.9	130,934	1	242,440	13,382	18.1

South Dakota	1	22.27	7.35	535,126	510,644	24,373	109	0.6	878,649	1	510,644	30,060	17.0
Nebraska	3	63.55	31.00	3,069,535	2,288,104	774,039	7,392	2.2	1,021,920	3	2,288,104	109,309	20.9
Kansas	7	292.80	145.30	5,030,709	4,253,418	744,954	32,337	1.8	2,363,226	7	4,253,418	211,000	20.2
SOUTH ATLANTIC:													
Delaware	1	56.40	28.20	1,284,793	1,281,626	3,167	----------	1.8	730,383	1	1,281,626	58,238	22.0
Maryland	5	1,539.70	769.85	11,622,434	10,274,806	1,293,391	54,237	2.4	4,283,791	5	10,274,806	411,240	25.0
District of Columbia	4	206.28	109.31	9,067,621	8,198,825	793,798	74,998	2.6	3,188,897	4	8,198,825	332,343	24.7
Virginia	7	409.76	228.08	30,300,531	27,350,551	2,703,138	246,842	2.9	9,567,347	7	27,350,551	977,387	28.0
West Virginia	4	324.10	208.15	4,104,433	4,077,880	26,553	----------	1.6	2,507,950	4	4,077,880	193,667	21.1
North Carolina	7	91.70	45.85	3,911,972	3,670,419	226,849	14,704	2.3	1,613,609	7	3,670,419	165,708	22.1
South Carolina	2	43.00	19.45	870,431	764,444	105,987	----------	1.8	420,942	2	764,444	45,042	17.0
Georgia	3	65.04	32.52	4,014,645	3,346,415	634,865	33,365	2.2	1,517,212	3	3,346,415	160,341	20.9
Florida	4	264.00	129.20	5,620,975	5,303,540	235,143	82,292	1.5	3,444,445	4	5,303,540	298,055	17.8
EAST SOUTH CENTRAL:													
Kentucky	3	78.00	34.80	3,762,543	3,461,046	240,004	61,493	2.0	1,736,051	3	3,461,046	184,590	18.7
Tennessee	2	51.08	28.69	1,066,533	1,048,402	18,131	----------	1.5	696,883	2	1,048,402	65,867	15.9
Alabama	1	3.68	1.84	443,979	434,029	----------	9,950	3.9	110,235	1	434,029	10,911	39.8
Mississippi	3	62.20	31.45	3,999,684	3,419,371	206,045	374,268	2.1	1,651,238	3	3,419,371	160,770	21.3
WEST SOUTH CENTRAL:													
Arkansas	3	32.20	15.10	1,568,714	947,393	609,952	11,369	1.8	516,263	3	947,393	55,247	17.1
Louisiana	3	57.90	32.22	6,252,260	4,062,761	2,120,219	69,280	2.9	1,416,765	3	4,062,761	147,120	27.6
Oklahoma	5	398.84	199.42	11,993,931	10,323,741	1,569,287	100,903	2.0	5,221,053	5	10,323,741	536,767	19.2
Texas	12	434.89	241.53	11,755,026	9,956,792	1,733,443	65,391	1.9	5,290,878	12	9,956,792	463,553	21.5
MOUNTAIN: [3]													
Montana	1	7.00	3.50	228,987	228,987	----------	----------	4.4	52,375	1	228,987	8,598	26.6
Colorado	3	22.00	13.50	781,914	698,098	70,996	12,820	2.0	355,296	3	698,098	38,822	18.0
Arizona	1	6.27	3.00	306,472	301,922	1,505	3,045	1.5	197,880	1	301,922	17,803	17.0
Utah	4	293.96	146.98	742,093	699,674	30,788	11,631	1.4	496,506	4	699,674	33,421	20.9
PACIFIC:													
Washington	13	1,943.87	868.98	10,647,564	7,750,136	2,803,398	94,030	1.1	7,232,362	13	7,750,136	479,247	16.2
Oregon	2	115.46	57.73	5,376,717	2,908,084	2,395,087	73,546	1.8	1,584,511	2	2,908,084	144,075	20.2
California	13	906.53	455.56	51,947,004	41,462,570	9,997,618	486,816	2.7	15,453,981	12	41,460,720	1,295,446	32.0

[1] Includes pay-transfer passengers.
[2] Not including 2 companies which did not report bus-hours but did report the other items in this table.
[3] No electric-railway or subsidiary motor-bus lines were operated in Idaho, Wyoming, New Mexico, or Nevada.

TABLE 93.—PASSENGERS CARRIED—ELECTRIC-RAILWAY AND SUBSIDIARY MOTOR-BUS LINES, BY GEOGRAPHIC DIVISIONS AND STATES: 1927 AND 1922

DIVISION AND STATE	TOTAL PASSENGERS		REVENUE PASSENGERS		TRANSFER PASSENGERS				FREE PASSENGERS	
					Pay		Free			
	1927	1922 [1]	1927	1922 [1]	1927	1922 [1]	1927	1922 [1]	1927	1922 [1]
UNITED STATES	875,402,229	16,120,115	771,806,464	12,405,987	12,453,414	385,321	85,235,378	3,252,175	5,906,973	76,632
GEOGRAPHIC DIVISIONS:										
New England	88,465,909	4,195,913	68,652,518	3,395,617	360,665	4,323	19,233,521	782,543	219,205	13,430
Middle Atlantic	357,283,202	89,957	344,412,769	47,945	4,116,381	39,839	7,077,193	1,783	1,676,859	390
East North Central	210,393,258	5,258,215	177,657,304	3,932,924	3,541,724		27,259,057	1,299,763	1,935,173	25,528
West North Central	37,588,004	1,158,900	32,617,951	1,026,188	929,054	64	3,846,243	122,601	194,756	10,047
South Atlantic	70,797,835	302,013	61,426,356	206,077	2,842,150	91,879	6,022,891	1,132	506,438	2,925
East South Central	9,272,739		7,814,800		548,048		464,180		445,711	
West South Central	31,570,531	1,531,544	25,204,754	1,326,937	85,933	180,648	6,032,901	12,176	246,943	11,783
Mountain	2,059,466	42,960	1,926,807	41,845	1,874		103,289	1,115	27,496	
Pacific	67,971,285	3,540,613	52,093,205	2,428,454	27,585	68,568	15,196,103	1,031,062	654,392	12,529
NEW ENGLAND:										
Maine	87,659		86,659						1,000	
New Hampshire	124,067		118,507				5,480		80	
Vermont	71,000		50,000		20,000				1,000	
Massachusetts	63,731,711	639,217	46,249,873	448,420	1,684		17,350,221	187,147	129,933	3,650
Rhode Island	8,550,118	862,649	8,109,161	848,546	337,538	4,323	16,922		86,497	9,780
Connecticut	15,901,354	2,694,047	14,038,318	2,098,651	1,443		1,860,898	595,396	695	
MIDDLE ATLANTIC:										
New York	37,496,441		30,835,847		23,218		6,463,260		174,116	
New Jersey	265,756,713	10,279	264,156,875	8,106	100,859		57,896	1,783	1,441,083	390
Pennsylvania	54,030,048	79,678	49,420,047	39,839	3,992,304	39,839	556,037		61,660	
EAST NORTH CENTRAL:										
Ohio	71,622,680	2,637,352	57,463,636	2,003,927	2,843,365		10,913,897	613,229	401,782	20,196
Indiana	26,643,504	1,950	23,863,564	1,950	374,818		2,150,804		254,318	
Illinois	31,191,075	509,284	25,886,805	386,441	323,541		4,505,573	121,548	475,156	1,295
Michigan	62,678,123	423,990	55,653,215	350,908			6,293,201	72,386	731,707	696
Wisconsin	18,257,876	1,685,639	14,790,084	1,189,698			3,395,532	492,600	72,210	3,341
WEST NORTH CENTRAL:										
Minnesota	8,996,828	70,605	7,436,226	41,589			1,534,030	28,676	26,572	340
Iowa	5,781,760		5,032,265		28,410		630,690		90,395	
Missouri	13,931,606	1,088,295	12,854,854	984,599	900,644	64	138,157	93,925	37,951	9,707
North Dakota	242,440		242,440							

South Dakota	535,126		510,644				24,373		109	
Nebraska	3,069,535		2,288,104				774,039		7,392	
Kansas	5,030,709		4,253,418				744,954		32,337	
SOUTH ATLANTIC:										
Delaware	1,284,793		1,221,999		59,627		3,167			
Maryland	11,622,434		10,266,416		8,390		1,293,391		54,237	
District of Columbia	9,067,621	294,013	6,504,793	198,077	1,694,032	91,879	793,798	1,132	74,998	2,925
Virginia	30,300,531		26,329,056		1,021,495		2,703,138		246,842	
West Virginia	4,104,433		4,077,880				26,553			
North Carolina	3,911,972		3,624,457		45,962		226,849		14,704	
South Carolina	870,431		764,444				105,987			
Georgia	4,014,645	8,000	3,346,415	8,000			634,865		33,365	
Florida	5,620,975		5,290,896		12,644		235,143		82,292	
EAST SOUTH CENTRAL:										
Kentucky	3,762,543		3,080,753		380,293		240,004		61,493	
Tennessee	1,066,533		1,048,402				18,131			
Alabama	443,979		266,274		167,755				9,950	
Mississippi	3,999,684		3,419,371				206,045		374,268	
WEST SOUTH CENTRAL:										
Arkansas	1,568,714	661,405	873,320	509,444	74,073	140,178	609,952		11,369	11,783
Louisiana	6,252,260		4,062,761				2,120,219		69,280	
Oklahoma	11,993,931	870,139	10,323,741	817,493		40,470	1,569,287	12,176	100,903	
Texas	11,755,626		9,944,932		11,860		1,733,443		65,391	
MOUNTAIN: [2]										
Montana	228,987		228,987							
Colorado	781,914		698,098				70,996		12,820	
New Mexico		42,960		41,845				1,115		
Arizona	306,472		300,048		1,874		1,505		3,045	
Utah	742,093		699,674				30,788		11,631	
PACIFIC:										
Washington	10,647,564	713,798	7,747,785	683,959	2,351		2,803,398	25,925	94,030	3,914
Oregon	5,376,717		2,908,084				2,395,087		73,546	
California	51,947,004	2,826,815	41,437,336	1,744,495	25,234	68,568	9,997,618	1,005,137	486,816	8,615

[1] Data for passengers of 7 companies operating 42 busses over 34.17 miles of line, that could not be reported separately for 1922, are not included in these figures.
[2] No electric-railway or subsidiary motor-bus lines were operated in Idaho, Wyoming, New Mexico, or Nevada in 1927.

TABLE 94.—PASSENGERS—PER CENT DISTRIBUTION AS PAY (REVENUE AND PAY-TRANSFER) AND FREE, BY GEOGRAPHIC DIVISIONS AND STATES: 1927 AND 1922

DIVISION AND STATE	PER CENT OF TOTAL NUMBER OF PASSENGERS			
	1927		1922	
	A—Pay[1]	B—Free	A—Pay	B—Free
UNITED STATES	89.6	10.4	79.3	20.7
GEOGRAPHIC DIVISIONS:				
Middle Atlantic	97.5	2.5	97.6	2.4
Mountain	93.7	6.3	97.4	2.6
South Atlantic	90.8	9.2	98.7	1.3
East South Central	90.2	9.8		
West North Central	89.2	10.8	88.6	11.4
East North Central	86.1	13.9	74.8	25.2
West South Central	80.1	19.9	98.4	1.6
New England	78.0	22.0	81.0	19.0
Pacific	76.7	23.3	70.5	29.5
NEW ENGLAND:				
Maine	98.9	1.1		
Rhode Island	98.8	1.2	98.9	1.1
Vermont	98.6	1.4		
New Hampshire	95.5	4.5		
Connecticut	88.3	11.7	77.9	22.1
Massachusetts	72.6	27.4	70.2	29.8
MIDDLE ATLANTIC:				
New Jersey	99.4	0.6	78.9	21.1
Pennsylvania	98.9	1.1	100.0	
New York	82.3	17.7		
EAST NORTH CENTRAL:				
Indiana	91.0	9.0	100.0	
Michigan	88.8	11.2	82.8	17.2
Ohio	84.2	15.8	76.0	24.0
Illinois	84.0	16.0	75.9	24.1
Wisconsin	81.0	19.0	70.6	29.4
WEST NORTH CENTRAL:				
North Dakota	100.0			
Missouri	98.8	1.2	90.5	9.5
South Dakota	95.4	4.6		
Iowa	87.5	12.5		
Kansas	84.5	15.5		
Minnesota	82.6	17.4	58.9	41.1
Nebraska	74.5	25.5		
SOUTH ATLANTIC:				
Delaware	99.8	0.2		
West Virginia	99.4	0.6		
Florida	94.4	5.6		
North Carolina	93.4	6.2		
District of Columbia	90.4	9.6	98.6	1.4
Virginia	90.3	9.7		
Maryland	88.4	11.6		
South Carolina	87.8	12.2		
Georgia	83.4	16.6	100.0	
EAST SOUTH CENTRAL:				
Tennessee	98.3	1.7		
Alabama	97.8	2.2		
Kentucky	92.0	8.0		
Mississippi	85.5	14.5		
WEST SOUTH CENTRAL:				
Oklahoma	86.1	13.9	98.6	1.4
Texas	84.7	15.3		
Louisiana	65.0	35.0		
Arkansas	60.4	39.6	98.2	1.8
MOUNTAIN:[2]				
Montana	100.0			
Arizona	98.5	1.5		
Utah	94.3	5.7		
Colorado	89.3	10.7		
New Mexico			97.4	2.6
PACIFIC:				
California	79.8	20.2	64.1	35.9
Washington	72.8	27.2	95.8	4.2
Oregon	54.1	45.9		

[1] Ranked according to percentage.
[2] No electric-railway or subsidiary motor-bus lines were operated in Idaho, Wyoming, New Mexico, or Nevada in 1927.

TABLE 95.—MOTOR-BUS MILEAGE AND HOURS, BY GEOGRAPHIC DIVISIONS AND STATES: 1927 AND 1922

DIVISION AND STATE	1927						1922 [1]	
	Bus-miles			Bus-hours			Bus-miles	Bus-hours
	Total	Revenue	Non-revenue	Total	Revenue	Non-revenue		
UNITED STATES	272,517,688	270,482,636	2,035,052	24,926,796	24,571,114	355,682	7,116,404	622,052
GEOGRAPHIC DIVS.:								
New England	21,641,412	21,020,287	621,125	2,034,838	1,975,259	59,579	1,469,676	150,115
Middle Atlantic	75,232,168	74,742,707	489,461	7,781,824	7,658,144	123,680	66,051	9,291
E. N. Central	86,654,499	86,394,173	260,326	7,126,490	7,015,559	110,931	2,663,734	223,145
W. N. Central	19,170,407	19,038,616	131,791	1,652,254	1,637,894	14,360	463,932	41,424
South Atlantic	27,519,951	27,274,576	245,375	2,668,166	2,642,021	26,145	141,312	14,933
E. S. Central	4,210,989	4,194,407	16,582	423,796	422,138	1,658		
W. S. Central	12,540,802	12,444,959	95,933	1,211,842	1,202,687	9,155	437,028	56,020
Mountain	1,102,711	1,102,057	654	98,739	98,644	95	36,500	5,475
Pacific	24,444,659	24,270,854	173,805	1,928,847	1,918,768	10,079	1,838,171	121,649
NEW ENGLAND:								
Maine	192,319	192,319		17,577	17,577			
New Hampshire	81,846	81,846		9,756	9,756			
Vermont	20,600	20,500	100	3,289	3,278	11		
Massachusetts	14,385,001	13,823,564	561,440	1,394,480	1,337,751	56,729	247,779	29,391
Rhode Island	2,561,151	2,529,912	31,239	205,490	205,490		320,627	28,781
Connecticut	4,391,492	4,363,146	28,346	404,246	401,407	2,839	901,270	91,943
MIDDLE ATLANTIC:								
New York	9,941,076	9,838,760	102,316	1,012,682	1,001,124	11,558		
New Jersey	48,394,220	48,314,830	79,390	5,051,215	5,043,050	8,165	40,051	6,291
Pennsylvania	16,896,872	16,589,117	307,755	1,717,927	1,613,970	103,957	26,000	3,000
E. N. CENTRAL:								
Ohio	23,164,117	23,104,348	59,769	1,787,995	1,777,449	10,546	597,938	63,525
Indiana	15,352,601	15,256,281	96,320	1,318,419	1,311,009	7,410	2,500	266
Illinois	10,854,274	10,797,461	56,813	978,195	977,066	1,129	279,805	22,328
Michigan	28,848,697	28,809,844	38,853	2,336,719	2,245,473	91,246	194,509	21,472
Wisconsin	8,434,810	8,426,239	8,571	705,162	704,562	600	1,588,922	115,554
W. N. CENTRAL:								
Minnesota	5,722,383	5,693,470	28,913	465,858	463,898	1,960	64,921	
Iowa	3,463,672	3,434,921	28,751	295,050	294,121	929		
Missouri	5,565,815	5,515,496	50,319	524,929	516,124	8,805	399,011	41,424
North Dakota	130,934	130,934		13,382	13,382			
South Dakota	878,649	878,649		30,060	30,060			
Nebraska	1,038,417	1,021,920	16,497	111,359	109,309	2,050		
Kansas	2,370,537	2,363,226	7,311	211,616	211,000	616		
SOUTH ATLANTIC:								
Delaware	730,383	730,383		58,238	58,238			
Maryland	4,381,291	4,283,791	97,500	420,840	411,240	9,600		
Dist. Columbia	3,188,897	3,188,897		332,343	332,343		132,312	14,933
Virginia	9,669,732	9,507,347	162,385	988,287	977,387	10,900		
West Virginia	2,509,495	2,507,950	1,545	194,053	193,667	386		
North Carolina	1,613,609	1,613,609		165,708	165,708			
South Carolina	420,942	420,942		45,042	45,042			
Georgia	1,535,917	1,517,212	18,705	162,649	160,341	2,308	9,000	
Florida	3,469,685	3,444,445	25,240	301,006	298,055	2,951		
E. S. CENTRAL:								
Kentucky	1,736,051	1,736,051		184,590	184,590			
Tennessee	710,282	696,883	13,399	67,207	65,867	1,340		
Alabama	113,418	110,235	3,183	11,229	10,911	318		
Mississippi	1,651,238	1,651,238		160,770	160,770			
W. S. CENTRAL:								
Arkansas	522,053	516,263	5,790	56,037	55,247	790	112,982	23,640
Louisiana	1,424,919	1,416,765	8,154	147,703	147,120	583		
Oklahoma	5,225,935	5,221,053	4,882	537,614	536,767	847	324,046	32,380
Texas	5,367,985	5,290,878	77,107	470,488	463,553	6,935		
MOUNTAIN: [2]								
Montana	52,375	52,375		8,598	8,598			
Colorado	355,296	355,296		38,822	38,822			
New Mexico							36,500	5,475
Arizona	197,880	197,880		17,803	17,803			
Utah	497,160	496,506	654	33,516	33,421	95		
PACIFIC:								
Washington	7,290,115	7,232,362	57,753	485,908	479,247	6,661	730,255	48,128
Oregon	1,584,511	1,584,511		144,075	144,075			
California	15,570,033	15,453,981	116,052	1,298,864	1,295,446	3,418	1,107,916	73,521

[1] Revenue and nonrevenue miles and hours not reported separately for 1922.
[2] No electric-railway or subsidiary motor-bus lines were operated in Idaho, Wyoming, New Mexico, or Nevada in 1927.

TABLE 96.—TOTAL PASSENGERS AND REVENUE PASSENGERS PER BUS OPERATED AND PER BUS MILE, AND BUS MILES PER BUS OPERATED, BY GEOGRAPHIC DIVISIONS AND STATES: 1927

DIVISION AND STATE	TOTAL PASSENGERS		REVENUE PASSENGERS		Bus-miles per bus operated
	Per bus operated	Per bus-mile	Per bus operated	Per bus-mile	
UNITED STATES	113,970	3.2	100,483	2.9	35,479
GEOGRAPHIC DIVISIONS:					
New England	120,855	4.1	94,280	3.3	29,565
Middle Atlantic	145,414	4.7	141,852	4.7	30,620
East North Central	99,055	2.4	85,310	2.1	40,798
West North Central	84,849	2.0	75,727	1.8	43,274
South Atlantic	88,719	2.6	80,537	2.4	34,486
East South Central	94,620	2.2	85,338	2.0	47,852
West South Central	104,538	2.5	83,744	2.0	41,526
Mountain	58,842	1.9	55,105	1.8	31,506
Pacific	96,825	2.8	74,246	2.1	34,821
NEW ENGLAND:					
Maine	12,523	0.5	12,380	0.4	27,474
New Hampshire	31,017	1.5	29,627	1.4	20,462
Vermont	23,667	2.4	23,333	2.4	9,867
Massachusetts	123,272	4.4	89,461	3.3	27,824
Rhode Island	142,502	3.3	140,778	3.3	42,636
Connecticut	112,776	3.6	99,573	3.2	31,145
MIDDLE ATLANTIC:					
New York	94,212	3.8	77,535	3.1	24,978
New Jersey	182,902	5.5	181,870	5.5	33,306
Pennsylvania	89,158	3.2	88,139	3.2	27,883
EAST NORTH CENTRAL:					
Ohio	112,792	3.1	94,972	2.6	36,479
Indiana	70,672	1.7	64,293	1.6	40,723
Illinois	118,597	2.9	99,659	2.4	41,271
Michigan	94,680	2.2	84,068	1.9	43,578
Wisconsin	97,636	2.2	70,091	1.8	45,106
WEST NORTH CENTRAL:					
Minnesota	73,145	1.6	60,457	1.3	46,523
Iowa	58,402	1.7	51,118	1.5	34,987
Missouri	114,193	2.5	112,750	2.5	45,621
North Dakota	80,813	1.9	80,813	1.9	43,645
South Dakota	38,223	0.6	36,475	0.6	62,761
Nebraska	122,781	3.0	91,524	2.2	41,537
Kansas	88,258	2.1	74,621	1.8	41,588
SOUTH ATLANTIC:					
Delaware	61,181	1.8	61,030	1.8	34,780
Maryland	62,824	2.7	55,530	2.4	23,683
District of Columbia	83,189	2.8	75,219	2.6	26,256
Virginia	118,361	3.1	106,838	2.9	37,772
West Virginia	70,766	1.6	70,308	1.6	43,267
North Carolina	78,239	2.4	73,408	2.3	32,272
South Carolina	87,043	2.1	76,444	1.8	42,094
Georgia	85,418	2.6	71,200	2.2	32,679
Florida	90,661	1.6	85,541	1.5	55,963
EAST SOUTH CENTRAL:					
Kentucky	87,501	2.2	80,489	2.0	40,373
Tennessee	96,958	1.5	95,300	1.5	64,571
Alabama	110,995	3.9	108,507	3.9	28,355
Mississippi	133,323	2.4	113,979	2.1	55,041
WEST SOUTH CENTRAL:					
Arkansas	112,051	3.0	67,671	1.8	37,290
Louisiana	178,636	4.4	116,079	2.9	40,712
Oklahoma	97,512	2.3	83,933	2.0	42,487
Texas	90,428	2.2	76,591	1.9	41,292
MOUNTAIN: [1]					
Montana	76,329	4.4	76,329	4.4	17,458
Colorado	65,160	2.2	58,175	2.0	29,608
Arizona	76,618	1.5	75,481	1.5	49,470
Utah	46,381	1.5	43,730	1.4	31,072
PACIFIC:					
Washington	60,156	1.5	43,786	1.1	41,187
Oregon	131,139	3.4	70,929	1.8	38,647
California	107,329	3.3	85,666	2.7	32,169

[1] No electric-railway or subsidiary motor-bus lines were operated in Idaho, Wyoming, New Mexico, or Nevada.

TABLE 97.—CASUALTIES, WITH RATIOS TO REVENUE-BUS MILEAGE, BY GEOGRAPHIC DIVISIONS AND STATES: 1927

DIVISION AND STATE	KILLED OR DIED FROM INJURIES				INJURED BUT NOT KILLED				Revenue-bus mileage	NUMBER KILLED OR FATALLY INJURED PER 1,000,000 BUS-MILES			
	Total	Employees	Passengers	All other persons	Total	Employees	Passengers	All other persons		Total	Employees	Passengers	All other persons
UNITED STATES	108	14	9	85	10,082	1,108	4,806	4,168	270,482,636	0.4	0.1	(1)	0.3
GEOGRAPHIC DIVISIONS:													
New England	4			4	947	25	469	453	21,020,287	0.2			0.2
Middle Atlantic	25	2		23	1,855	196	1,060	599	74,742,707	0.3	(1)		0.3
East North Central	35	1	3	31	4,226	474	1,905	1,847	86,394,173	0.4	(1)	(1)	0.4
West North Central	7			7	864	53	425	386	19,038,616	0.4			0.4
South Atlantic	5	1		4	1,191	280	541	370	27,274,576	0.2	(1)		0.2
East South Central	15	8	6	1	119	13	42	64	4,194,407	3.5	1.9	1.4	0.2
West South Central	5	2		3	491	23	180	288	12,444,959	0.4	0.2		0.2
Mountain	3			3	8		3	5	1,102,057	2.7			2.7
Pacific	9			9	381	44	181	156	24,270,854	0.4			0.4
NEW ENGLAND:													
Maine					2			2	192,319				
New Hampshire									81,846				
Vermont									29,500				
Massachusetts	2			2	751	22	324	405	13,823,564	0.1			0.1
Rhode Island					49	3	33	13	2,529,912				
Connecticut	2			2	145		112	33	4,363,146	0.5			0.5
MIDDLE ATLANTIC:													
New York	2			2	374	81	207	86	9,838,760	0.2			0.2
New Jersey	20	2		18	371	13	98	260	48,314,830	0.4	(1)		0.4
Pennsylvania	3			3	1,110	102	755	253	16,589,117	0.2			0.2
EAST NORTH CENTRAL:													
Ohio	9		2	7	1,083	285	941	757	23,104,348	0.4		0.1	0.3
Indiana	11	1		10	473	92	223	158	15,256,281	0.7	(1)		0.7
Illinois	1			1	204	25	127	52	10,797,461	0.1			0.1
Michigan	13		1	12	1,061	61	433	567	28,809,844	0.4		(1)	0.4
Wisconsin	1			1	505	11	181	313	8,426,239	0.1			0.1
WEST NORTH CENTRAL:													
Minnesota	2			2	263	4	230	29	5,693,470	0.4			0.4
Iowa	1			1	51	10	29	12	3,434,921	0.3			0.3
Missouri	4			4	264	34	135	95	5,515,496	0.7			0.7
North Dakota					2	1	1		130,934				
South Dakota					8	2	4	2	878,649				
Nebraska					270		25	245	1,021,920				
Kansas					6	2	1	3	2,363,226				

(1) Less than one-tenth of 1 per cent.

TABLE 97.—CASUALTIES, WITH RATIOS TO REVENUE-BUS MILEAGE, BY GEOGRAPHIC DIVISIONS AND STATES: 1927—Continued

DIVISION AND STATE	KILLED OR DIED FROM INJURIES				INJURED BUT NOT KILLED				Revenue-bus mileage	NUMBER KILLED OR FATALLY INJURED PER 1,000,000 BUS-MILES			
	Total	Employees	Passengers	All other persons	Total	Employees	Passengers	All other persons		Total	Employees	Passengers	All other persons
SOUTH ATLANTIC:													
Delaware					8	1	7		730,383				
Maryland	1			1	340	115	106	119	4,283,791	0.2			0.2
District of Columbia	1			1	102	17	44	41	3,188,897	0.3			0.3
Virginia	1			1	507	95	293	119	9,567,347	0.1			0.1
West Virginia					57	6	41	10	2,507,950				
North Carolina					41	5	13	23	1,613,609				
South Carolina					1			1	420,942				
Georgia					44	12	16	16	1,517,212				
Florida	2	1		1	91	29	21	41	3,444,445	0.6	0.3		0.3
EAST SOUTH CENTRAL:													
Kentucky	14	8	6						1,736,051	8.1	4.6	3.5	
Tennessee	1			1	15			15	696,883	1.4			1.4
Alabama									110,235				
Mississippi					104	13	42	49	1,651,238				
WEST SOUTH CENTRAL:													
Arkansas					24	1	16	7	516,263				
Louisiana	1			1	13		6	7	1,416,765	0.7			0.7
Oklahoma	2	2			310	18	64	228	5,221,053	0.4	0.4		
Texas	2			2	144	4	94	46	5,290,878	0.4			0.4
MOUNTAIN:[2]													
Montana									52,375				
Colorado	1			1					355,296	2.8			2.8
Arizona					1			1	197,880				
Utah	2			2	7		3	4	496,506	4.0			4.0
PACIFIC:													
Washington	4			4	45	6	18	21	7,232,362	0.6			0.6
Oregon	1			1	113	9	74	30	1,584,511	0.6			0.6
California	4			4	223	29	89	105	15,453,981	0.3			0.3

[2] No electric-railway or subsidiary motor-bus lines were operated in Idaho, Wyoming, New Mexico, or Nevada.

TABLE 98.—OPERATING REVENUES—ELECTRIC-RAILWAY AND SUBSIDIARY MOTOR-BUS LINES, BY GEOGRAPHIC DIVISIONS AND STATES: 1927

DIVISION AND STATE	Total revenues	TRANSPORTATION			Miscellaneous operating revenues
		Total	Passenger	All other	
UNITED STATES	$68,120,905	$67,252,508	$65,489,559	$1,762,949	$868,397
GEOGRAPHIC DIVISIONS:					
New England	6,345,402	6,291,685	6,066,016	225,669	53,717
Middle Atlantic	23,539,210	23,359,004	22,864,134	494,870	180,206
East North Central	20,252,194	20,042,428	19,617,377	425,051	209,766
West North Central	3,838,530	3,658,417	3,565,946	92,471	180,113
South Atlantic	5,978,274	5,796,612	5,518,450	278,162	181,662
East South Central	677,430	670,395	643,842	26,553	7,035
West South Central	2,225,727	2,214,502	2,152,784	61,718	11,225
Mountain	215,121	215,106	213,262	1,844	15
Pacific	5,049,017	5,004,359	4,847,748	156,611	44,658
NEW ENGLAND:					
Maine, New Hampshire, and Vermont [1]	57,267	57,267	48,377	8,890	----------
Massachusetts	4,292,280	4,264,583	4,084,805	179,778	27,697
Rhode Island and Connecticut [1]	1,995,855	1,969,835	1,932,834	37,001	26,020
MIDDLE ATLANTIC:					
New York	3,109,247	3,093,338	2,932,815	160,523	15,909
New Jersey	14,854,103	14,718,783	14,515,490	203,293	135,320
Pennsylvania	5,575,860	5,546,883	5,415,829	131,054	28,977
EAST NORTH CENTRAL:					
Ohio	5,747,505	5,737,955	5,588,740	149,215	9,550
Indiana	2,989,013	2,955,449	2,867,262	88,187	33,564
Illinois	2,267,272	2,254,077	2,220,255	33,822	13,195
Michigan	7,277,800	7,143,156	7,039,123	104,033	134,644
Wisconsin	1,970,604	1,951,791	1,901,997	49,794	18,813
WEST NORTH CENTRAL:					
Minnesota and Iowa [1]	1,994,407	1,835,472	1,786,988	48,484	158,935
Missouri	1,120,208	1,101,830	1,078,435	23,395	18,378
North Dakota, South Dakota, and Nebraska [1]	337,888	336,774	334,997	1,777	1,114
Kansas	386,027	384,341	365,526	18,815	1,686
SOUTH ATLANTIC:					
Delaware, Maryland, and District of Columbia [1]	2,268,767	2,225,691	1,996,538	229,153	43,076
Virginia	1,912,412	1,906,352	1,875,638	30,714	6,060
West Virginia	552,906	552,472	542,832	9,640	434
North Carolina	270,082	268,645	264,349	4,296	1,437
South Carolina and Georgia [1]	352,051	335,762	331,911	3,851	16,289
Florida	622,056	507,690	507,182	508	114,366
EAST SOUTH CENTRAL:					
Kentucky and Tennessee [1]	387,445	386,153	366,123	20,030	1,292
Alabama and Mississippi [1]	289,985	284,242	277,719	6,523	5,743
WEST SOUTH CENTRAL:					
Arkansas and Louisiana [1]	375,151	374,209	353,871	20,338	942
Oklahoma	940,299	937,608	909,038	28,570	2,691
Texas	910,277	902,685	889,875	12,810	7,592
MOUNTAIN: [2]					
Montana, Colorado, Arizona, and Utah [1]	215,121	215,106	213,262	1,844	15
PACIFIC:					
Washington and Oregon [1]	1,915,910	1,906,732	1,780,302	126,430	9,178
California	3,133,107	3,097,627	3,067,446	30,181	35,480

[1] Combined in order to avoid disclosing data for individual companies.
[2] No electric-railway or subsidiary motor-bus lines were operated in Idaho, Wyoming, New Mexico, or Nevada.

TABLE 99.—REVENUES OF MOTOR-BUS LINES OPERATED BY ELECTRIC-RAILWAY COMPANIES AND BY SUBSIDIARY COMPANIES—PER CENT DISTRIBUTION: 1927

ACCOUNT	TOTAL		Operated by electric-railway companies (A)	Operated by subsidiary companies (B)	PER CENT OF TOTAL	
	Amount	Per cent distribution			A	B
Operating revenues, aggregate	$68,120,905	100.0	$15,135,031	$52,985,874	22.2	77.8
Transportation, total	67,252,508	98.7	15,004,268	52,248,240	22.3	77.7
Passenger	65,489,559	96.1	14,578,039	50,911,520	22.3	77.7
All other	1,762,949	2.6	426,229	1,336,720	24.2	75.8
Miscellaneous operating revenues	868,397	1.3	130,763	737,634	15.1	84.9

TABLE 100.—OPERATING EXPENSES—ELECTRIC-RAILWAY AND SUBSIDIARY MOTOR-BUS LINES, BY GEOGRAPHIC DIVISIONS AND STATES: 1927

DIVISION AND STATE	Number of companies	Total operating expenses	MAINTENANCE OF PLANT AND EQUIPMENT				GARAGE		
			Total	Bus bodies and chassis	Retirement (depreciation)	All other	Total	Fuel for revenue vehicles	All other
UNITED STATES	301	$65,771,412	$23,717,022	$9,606,129	$8,401,713	$5,709,180	$12,323,221	$7,889,584	$4,433,637
GEOGRAPHIC DIVISIONS:									
New England	24	5,839,009	2,171,755	727,043	962,818	481,894	942,320	553,070	389,250
Middle Atlantic	59	21,444,449	7,687,901	3,079,077	2,847,618	1,761,206	4,216,203	2,728,774	1,487,429
East North Central	81	20,117,282	7,036,414	3,298,170	1,860,140	1,878,104	3,670,923	2,343,275	1,327,648
West North Central	31	3,703,342	1,434,104	528,032	589,154	316,918	667,082	435,848	231,234
South Atlantic	37	5,876,719	2,163,432	673,717	909,167	580,548	1,102,207	802,651	299,556
East South Central	9	778,906	270,819	121,116	89,775	59,928	198,055	126,642	71,413
West South Central	23	2,261,925	838,632	304,032	285,966	248,634	416,868	273,028	143,840
Mountain	9	210,368	79,364	28,974	39,073	11,317	36,894	28,520	8,374
Pacific	28	5,539,412	2,034,601	845,968	818,002	370,631	1,072,669	597,776	474,893
NEW ENGLAND:									
Maine, New Hampshire, and Vermont [1]	5	59,694	18,196	12,149	3,300	2,747	15,195	8,355	6,840
Massachusetts	14	3,953,294	1,437,582	451,497	662,942	323,143	632,352	377,243	255,109
Rhode Island and Connecticut [1]	5	1,826,021	715,977	263,397	296,576	156,004	294,773	167,472	127,301
MIDDLE ATLANTIC:									
New York	25	3,175,016	1,146,707	399,492	529,265	217,950	609,899	356,638	253,261
New Jersey	6	13,029,818	4,809,414	1,838,905	1,677,641	1,292,868	2,631,825	1,758,149	873,676
Pennsylvania	28	5,239,615	1,731,780	840,680	640,712	250,388	974,479	613,987	360,492
EAST NORTH CENTRAL:									
Ohio	25	5,711,088	1,694,370	957,435	234,659	502,276	1,369,087	716,361	652,726
Indiana	14	3,596,164	1,355,632	554,114	531,922	269,596	643,544	461,704	181,840
Illinois	22	1,948,385	605,785	314,344	126,728	164,713	344,004	238,870	105,134
Michigan	12	7,017,220	2,724,209	1,176,427	739,497	808,285	996,565	721,460	275,105
Wisconsin	8	1,844,425	656,418	295,850	227,334	133,234	317,723	204,880	112,843
WEST NORTH CENTRAL:									
Minnesota and Iowa [1]	12	1,813,255	766,081	226,715	409,736	129,630	291,553	204,655	86,898
Missouri	7	1,270,411	440,827	220,514	78,519	141,794	264,121	142,621	121,500
North Dakota, South Dakota, and Nebraska [1]	5	330,449	123,431	36,011	68,801	18,619	54,827	42,096	12,731
Kansas	7	289,227	103,765	44,792	32,098	26,875	56,581	46,476	10,105
SOUTH ATLANTIC:									
Delaware, Maryland, and District of Columbia [1]	10	2,036,034	723,465	260,179	305,111	158,175	405,651	270,725	134,926
Virginia	7	1,773,036	712,630	145,416	306,377	260,837	304,437	247,887	56,550

West Virginia	4	567,498	192,197	91,456	62,673	38,068	100,800	67,689	33,111
North Carolina	7	277,076	79,230	39,079	23,677	16,474	72,683	56,309	16,374
South Carolina and Georgia [1]	5	378,489	105,544	42,008	17,653	45,883	69,832	54,728	15,104
Florida	4	844,586	350,366	95,579	193,676	61,111	148,804	105,313	43,491
EAST SOUTH CENTRAL:									
Kentucky and Tennessee [1]	5	426,250	152,190	71,717	34,014	46,459	108,561	76,761	31,800
Alabama and Mississippi [1]	4	352,656	118,629	49,399	55,761	13,469	89,494	49,881	39,613
WEST SOUTH CENTRAL:									
Arkansas and Louisiana [1]	6	449,418	182,255	51,726	66,294	64,235	87,962	53,543	34,419
Oklahoma	5	1,004,239	413,524	143,641	165,264	104,619	174,178	120,947	53,231
Texas	12	808,268	242,853	108,665	54,408	79,780	154,728	98,538	56,190
MOUNTAIN: [2]									
Montana, Colorado, Arizona, and Utah [1]	9	210,368	79,364	28,974	39,073	11,317	36,894	28,520	8,374
PACIFIC:									
Washington and Oregon [1]	15	1,933,354	625,416	301,482	262,461	61,473	379,828	236,285	143,543
California	13	3,606,058	1,409,185	544,486	555,541	309,158	692,841	361,491	331,350

[1] Combined in order to avoid disclosing data for individual companies.
[2] No electric-railway or subsidiary motor-bus lines were operated in Idaho, Wyoming, New Mexico, or Nevada.

TABLE 100.—OPERATING EXPENSES—ELECTRIC-RAILWAY AND SUBSIDIARY MOTOR-BUS LINES, BY GEOGRAPHIC DIVISIONS AND STATES: 1927—Continued

DIVISION AND STATE	TRANSPORTATION			Traffic promotion	ADMINISTRATIVE AND GENERAL				
	Total	Bus and truck drivers, conductors, and helpers	All other		Total	Administrative	General		
							Total	Injuries and damages	All other
UNITED STATES	$21,363,289	$17,347,648	$4,015,641	$322,816	$8,045,064	$2,369,840	$5,675,224	$2,851,650	$2,823,574
GEOGRAPHIC DIVISIONS:									
New England	1,980,648	1,726,071	254,577	7,552	736,734	201,102	535,632	62,890	472,742
Middle Atlantic	6,898,691	5,721,144	1,177,547	58,000	2,583,654	658,946	1,924,708	1,310,525	614,183
East North Central	6,776,594	5,092,460	1,684,134	147,915	2,485,436	772,208	1,713,228	845,177	868,051
West North Central	1,140,015	949,702	190,313	25,777	436,364	114,779	321,585	190,871	130,714
South Atlantic	1,787,929	1,461,392	326,537	44,787	778,364	250,451	527,913	202,044	325,869
East South Central	225,902	198,955	26,947	3,481	80,649	32,255	48,394	24,291	24,103
West South Central	705,988	617,464	88,524	12,442	287,995	93,272	194,723	92,647	102,076
Mountain	59,259	54,226	5,033	1,171	33,680	10,208	23,472	3,634	19,838
Pacific	1,788,263	1,526,234	262,029	21,691	622,188	236,619	385,569	119,571	265,998
NEW ENGLAND:									
Maine, New Hampshire, and Vermont [1]	21,358	16,775	4,583	46	4,899	766	4,133	567	3,566
Massachusetts	1,445,710	1,256,508	189,202	4,480	433,170	133,174	299,996	36,903	263,093
Rhode Island and Connecticut [1]	513,580	452,788	60,792	3,026	298,665	67,162	231,503	25,420	206,083
MIDDLE ATLANTIC:									
New York	902,828	726,987	175,841	21,780	493,802	136,126	357,676	192,060	165,616
New Jersey	4,037,732	3,431,102	606,630	11,570	1,539,277	347,643	1,191,634	957,119	234,515
Pennsylvania	1,958,131	1,563,055	395,076	24,650	550,575	175,177	375,398	161,346	214,052
EAST NORTH CENTRAL:									
Ohio	1,835,627	1,472,055	363,572	8,555	803,449	284,082	519,367	355,813	163,554
Indiana	1,030,251	742,708	287,543	62,494	504,243	156,128	348,115	166,174	181,941
Illinois	756,948	640,116	116,832	5,423	236,225	47,549	188,676	36,272	152,404
Michigan	2,462,256	1,714,606	747,650	30,782	803,408	251,277	552,131	214,929	337,202
Wisconsin	691,512	522,975	168,537	40,661	138,111	33,172	104,939	71,989	32,950
WEST NORTH CENTRAL:									
Minnesota and Iowa [1]	515,715	416,253	99,462	13,433	226,473	51,916	174,557	120,372	54,185
Missouri	410,648	362,237	48,411	11,284	143,531	34,438	109,093	61,277	47,816
North Dakota, South Dakota, and Nebraska [1]	107,478	84,284	23,194	487	44,226	18,366	25,860	5,415	20,445
Kansas	106,174	86,928	19,246	573	22,134	10,059	12,075	3,807	8,268

SOUTH ATLANTIC:									
Delaware, Maryland, and District of Columbia [1]	595,413	493,328	102,085	35,997	275,508	83,789	191,719	60,634	131,085
Virginia	562,166	470,156	92,010	2,599	191,204	85,575	105,629	53,183	52,446
West Virginia	187,601	128,877	58,724	2,504	84,396	17,524	66,872	51,950	14,922
North Carolina	91,780	82,890	8,890	----------	33,383	6,110	27,273	6,091	21,182
South Carolina and Georgia [1]	133,459	104,851	28,608	466	69,188	18,384	50,804	8,101	42,703
Florida	217,510	181,290	36,220	3,221	124,685	39,069	85,616	22,085	63,531
EAST SOUTH CENTRAL:									
Kentucky and Tennessee [1]	124,680	109,317	15,363	2,538	38,281	8,854	29,427	14,034	15,393
Alabama and Mississippi [1]	101,222	89,638	11,584	943	42,368	23,401	18,967	10,257	8,710
WEST SOUTH CENTRAL:									
Arkansas and Louisiana [1]	120,060	113,599	6,461	646	58,495	17,754	40,741	13,122	27,619
Oklahoma	292,918	245,708	47,210	6,383	117,236	46,752	70,484	51,167	19,317
Texas	293,010	258,157	34,853	5,413	112,264	28,766	83,498	28,358	55,140
MOUNTAIN: [2]									
Montana, Colorado, Arizona, and Utah [1]	59,259	54,226	5,033	1,171	33,680	10,208	23,472	3,634	19,838
PACIFIC:									
Washington and Oregon [1]	615,880	491,769	124,111	7,647	304,583	115,031	189,552	23,446	166,106
California	1,172,383	1,034,465	137,918	14,044	317,605	121,588	196,017	96,125	99,892

[1] Combined in order to avoid disclosing data for individual companies.
[2] No electric-railway or subsidiary motor-bus lines were operated in Idaho, Wyoming, New Mexico, or Nevada.

TABLE 101.—OPERATING REVENUES, OPERATING EXPENSES, AND NET OPERATING REVENUES, PER BUS OPERATED AND PER BUS MILE, BY GEOGRAPHIC DIVISIONS AND STATES: 1927

DIVISION AND STATE	PER BUS OPERATED			PER BUS MILE		
	Operating revenues	Operating expenses	Net operating revenues [1]	Operating revenues	Operating expenses	Net operating revenues [1]
				Cents	*Cents*	*Cents*
UNITED STATES	$8,869	$8,563	$306	25.18	24.32	0.86
GEOGRAPHIC DIVISIONS:						
New England	8,669	7,977	692	30.19	27.78	2.41
Middle Atlantic	9,580	8,728	852	31.49	28.69	2.80
East North Central	9,535	9,471	64	23.44	23.29	0.15
West North Central	8,665	8,360	305	20.16	19.45	0.71
South Atlantic	7,491	7,364	127	21.92	21.55	0.37
East South Central	7,698	8,851	*1,153*	16.15	18.57	*2.41*
West South Central	7,370	7,490	*120*	17.88	18.17	*0.29*
Mountain	6,146	6,010	136	19.52	19.09	0.43
Pacific	7,192	7,891	699	20.80	22.82	2.02
NEW ENGLAND:						
Maine, New Hampshire, and Vermont [2]	4,091	4,264	*173*	18.86	19.66	*0.80*
Massachusetts	8,302	7,646	656	31.05	28.60	2.45
Rhode Island and Connecticut [2]	9,930	9,085	845	28.95	26.49	2.46
MIDDLE ATLANTIC:						
New York	7,812	7,977	*165*	31.60	32.27	*0.67*
New Jersey	10,223	8,968	1,255	30.74	26.97	3.77
Pennsylvania	9,201	8,646	555	33.61	31.58	2.03
EAST NORTH CENTRAL:						
Ohio	9,051	8,994	57	24.88	24.72	0.16
Indiana	7,928	9,538	*1,610*	19.59	23.57	*3.98*
Illinois	8,621	7,408	1,213	21.00	18.05	2.95
Michigan	10,994	10,600	394	25.26	24.36	0.90
Wisconsin	10,538	9,863	675	23.39	21.89	1.50
WEST NORTH CENTRAL:						
Minnesota and Iowa [2]	8,984	8,168	816	21.85	19.86	1.98
Missouri	9,182	10,413	*1,231*	20.31	23.03	*2.72*
North Dakota, South Dakota, and Nebraska [2]	8,045	7,868	177	16.63	16.27	0.36
Kansas	6,772	5,074	1,698	16.33	12.24	4.09
SOUTH ATLANTIC:						
Delaware, Maryland, and District of Columbia [2]	7,202	6,464	738	27.66	24.82	2.84
Virginia	7,470	6,926	544	19.99	18.53	1.46
West Virginia	9,533	9,784	*251*	22.05	22.63	*0.58*
North Carolina	5,402	5,542	*140*	16.74	17.17	*0.43*
South Carolina and Georgia [2]	6,176	6,640	*464*	18.16	19.53	*1.37*
Florida	10,033	13,622	*3,589*	18.06	24.52	*6.46*
EAST SOUTH CENTRAL:						
Kentucky and Tennessee [2]	7,175	7,894	*719*	15.93	17.52	*1.59*
Alabama and Mississippi [2]	8,529	10,372	*1,843*	16.46	20.02	*3.56*
WEST SOUTH CENTRAL:						
Arkansas and Louisiana [2]	7,656	9,172	*1,516*	19.41	23.25	*3.84*
Oklahoma	7,645	8,165	*520*	18.01	19.23	*1.22*
Texas	7,002	6,217	784	17.20	15.28	1.92
MOUNTAIN: [3]						
Montana, Colorado, Arizona, and Utah [2]	6,146	6,010	136	19.52	19.09	0.43
PACIFIC:						
Washington and Oregon [2]	8,789	8,869	*80*	21.73	21.93	*0.20*
California	6,473	7,450	*977*	20.27	23.33	*3.06*

[1] *Italics* denote deficit.
[2] Combined in order to avoid disclosing data for individual companies.
[3] No electric-railway or subsidiary motor-bus lines were operated in Idaho, Wyoming, New Mexico, or Nevada.

TABLE 102.—PASSENGER REVENUE, REVENUE PASSENGERS, AND AVERAGE FARE PER REVENUE PASSENGER, ELECTRIC-RAILWAY AND SUBSIDIARY MOTOR-BUS LINES, BY GEOGRAPHIC DIVISIONS AND STATES: 1927

DIVISION AND STATE	Passenger revenue	Revenue passengers [1]	Average fare per revenue passenger
			Cents
UNITED STATES	$65,489,559	771,806,464	8.49
GEOGRAPHIC DIVISIONS:			
New England	6,066,016	68,652,518	9.70
Middle Atlantic	22,864,134	344,412,769	6.64
East North Central	19,617,377	177,657,304	11.04
West North Central	3,565,946	32,617,951	10.93
South Atlantic	5,518,450	61,426,356	8.98
East South Central	648,842	7,814,800	8.24
West South Central	2,152,784	25,204,754	8.54
Mountain	213,262	1,926,807	11.07
Pacific	4,847,748	52,093,205	9.31
NEW ENGLAND:			
Maine, New Hampshire, and Vermont [2]	48,377	255,166	18.96
Massachusetts	4,084,805	46,249,873	8.83
Rhode Island and Connecticut [2]	1,932,834	22,147,479	8.73
MIDDLE ATLANTIC:			
New York	2,932,815	30,835,847	9.51
New Jersey	14,515,490	264,156,875	5.50
Pennsylvania	5,415,829	49,420,047	10.96
EAST NORTH CENTRAL:			
Ohio	5,588,740	57,463,636	9.73
Indiana	2,867,262	23,863,564	12.02
Illinois	2,220,255	25,886,805	8.58
Michigan	7,039,123	55,653,215	12.65
Wisconsin	1,901,997	14,790,084	12.86
WEST NORTH CENTRAL:			
Minnesota and Iowa [2]	1,786,988	12,468,491	14.33
Missouri	1,078,435	12,854,854	8.39
North Dakota, South Dakota, and Nebraska [2]	334,997	3,041,188	11.02
Kansas	365,526	4,253,418	8.59
SOUTH ATLANTIC:			
Delaware, Maryland, and District of Columbia [2]	1,996,538	17,993,208	11.10
Virginia	1,875,638	26,329,056	7.12
West Virginia	542,832	4,077,880	13.31
North Carolina	264,349	3,624,457	7.29
South Carolina and Georgia [2]	331,911	4,110,859	8.07
Florida	507,182	5,290,896	9.59
EAST SOUTH CENTRAL:			
Kentucky and Tennessee [2]	366,123	4,129,155	8.87
Alabama and Mississippi [2]	277,719	3,685,645	7.54
WEST SOUTH CENTRAL:			
Arkansas and Louisiana [2]	353,871	4,936,081	7.17
Oklahoma	909,038	10,323,741	8.81
Texas	889,875	9,944,932	8.95
MOUNTAIN: [3]			
Montana, Colorado, Arizona, and Utah [2]	213,262	1,926,807	11.07
PACIFIC:			
Washington and Oregon [2]	1,780,302	10,655,869	16.71
California	3,067,446	41,437,336	7.40

[1] Not including pay-transfer passengers.
[2] Combined in order to avoid disclosing data for individual companies.
[3] No electric-railway or subsidiary motor-bus lines were operated in Idaho, Wyoming, New Mexico, or Nevada.

TABLE 103.—INCOME STATEMENT—ELECTRIC-RAILWAY AND SUBSIDIARY MOTOR-BUS LINES, BY GEOGRAPHIC DIVISIONS AND STATES: 1927

DIVISION AND STATE	Number of companies	OPERATING ACCOUNTS							Nonoperating income	Gross income [2]	Deductions from gross income	Net income [2]
		Revenues	Expenses	Ratio of expenses to revenues [1]	Net revenue [2]	Net auxiliary revenue [2]	Taxes	Operating income [2]				
UNITED STATES	301	$68,120,905	$65,771,412	96.6	$2,349,493	*$230,909*	$2,879,746	*$761,162*	$295,249	*$465,913*	$1,707,151	*$2,173,064*
GEOGRAPHIC DIVISIONS:												
New England	24	6,345,402	5,839,009	92.0	506,393		223,219	283,174	13,687	296,861	121,948	174,913
Middle Atlantic	59	23,539,210	21,444,449	91.1	2,094,761	*296,033*	1,126,152	672,576	205,565	878,141	890,952	*12,811*
East North Central	81	20,252,194	20,117,282	*99.3*	134,912	12,969	585,646	*437,765*	9,471	*428,294*	281,855	*710,149*
West North Central	31	3,838,530	3,703,342	96.5	135,188	17,905	196,676	*43,583*	6,490	*37,093*	68,805	*105,898*
South Atlantic	37	5,978,274	5,876,719	*98.3*	101,555	500	376,279	*274,224*	24,315	*249,909*	173,762	*425,671*
East South Central	9	677,430	778,906	*115.0*	*101,476*		38,172	*139,648*	7,785	*131,863*	17,386	*149,249*
West South Central	23	2,225,727	2,261,925	*101.6*	*36,198*		56,905	*93,103*	2,706	*90,397*	40,727	*131,124*
Mountain	9	215,121	210,368	*97.8*	4,753		12,060	*7,307*	133	*7,174*	1	*7,175*
Pacific	25	5,049,017	5,539,412	*109.7*	*490,395*	33,750	264,637	*721,282*	25,097	*696,185*	111,715	*807,900*
NEW ENGLAND:												
Maine, New Hampshire, and Vermont [3]	5	57,267	59,694	*104.2*	*2,427*		130	*2,557*	29	*2,528*		*2,528*
Massachusetts	14	4,292,280	3,953,294	92.1	338,986		122,140	216,846	357	217,203	108,647	108,556
Rhode Island and Connecticut [3]	5	1,995,855	1,826,021	91.5	169,834		100,949	68,885	13,301	82,186	13,301	68,885
MIDDLE ATLANTIC:												
New York	25	3,109,247	3,175,016	*102.1*	*65,769*		52,688	*118,457*	74,227	*44,230*	165,567	*209,797*
New Jersey	6	14,854,103	13,029,818	87.7	1,824,285	*296,033*	853,592	674,660	13,539	688,199	259,888	428,311
Pennsylvania	28	5,575,860	5,239,615	94.0	336,245		219,872	116,373	117,799	234,172	465,497	*231,325*
EAST NORTH CENTRAL:												
Ohio	25	5,747,505	5,711,088	*99.4*	36,417		211,047	*174,630*	495	*174,135*	105,344	*279,479*
Indiana	14	2,989,013	3,596,164	*120.3*	*607,151*	12,969	82,424	*676,606*	3,096	*673,510*	133,067	*806,577*
Illinois	22	2,267,272	1,948,385	85.9	318,887		49,903	268,984	2,201	271,185	16,018	255,167
Michigan	12	7,277,800	7,017,220	96.4	260,580		123,795	136,785	3,679	140,464	27,426	113,038
Wisconsin	8	1,970,604	1,844,425	93.6	126,179		118,477	7,702		7,702		7,702
WEST NORTH CENTRAL:												
Minnesota and Iowa [3]	12	1,994,407	1,813,255	90.9	181,152	17,905	134,762	64,295	5,404	69,699	6,525	63,174
Missouri	7	1,120,208	1,270,411	*113.4*	*150,203*		36,891	*187,094*	275	*186,819*	40,012	*226,831*
North Dakota, South Dakota, and Nebraska [3]	5	337,888	330,449	*97.8*	7,439		18,679	*11,240*	713	*10,527*	21,038	*31,565*
Kansas	7	386,027	289,227	74.9	96,800		6,344	90,456	98	90,554	1,230	89,324

SOUTH ATLANTIC:													
Delaware, Maryland, and District of Columbia [2]	10	2,268,767	2,036,034	89.7	232,733	----------	121,831	110,902	22,711	133,613	55,130	78,483
Virginia	7	1,912,412	1,773,036	92.7	139,376	500	151,982	*12,106*	1,489	*10,617*	5,074	*15,691*
West Virginia	4	552,906	567,498	*102.6*	*14,592*	----------	29,992	*44,584*	50	*44,534*	16,594	*61,128*
North Carolina	7	270,082	277,076	*102.6*	*6,994*	----------	5,816	*12,810*	----------	*12,810*	104	*12,914*
South Carolina and Georgia [2]	5	352,051	378,489	*107.5*	*26,438*	----------	19,756	*46,194*	65	*46,129*	23,640	*69,769*
Florida	4	622,056	844,586	*135.8*	*222,530*	----------	46,902	*269,432*	----------	*269,432*	73,220	*342,652*
EAST SOUTH CENTRAL:												
Kentucky and Tennessee [2]	5	387,445	426,250	*110.0*	*38,805*	----------	21,218	*60,023*	----------	*60,023*	2,196	*62,219*
Alabama and Mississippi [2]	4	289,985	352,656	*121.6*	*62,671*	----------	16,954	*79,625*	7,785	*71,840*	15,190	*87,030*
WEST SOUTH CENTRAL:												
Arkansas and Louisiana [2]	6	375,151	449,418	*119.8*	*74,267*	----------	28,151	*102,418*	100	*102,318*	20,828	*123,146*
Oklahoma	5	940,299	1,004,239	*106.8*	*63,940*	----------	11,320	*75,260*	801	*74,459*	12,498	*86,957*
Texas	12	910,277	808,268	88.8	102,009	----------	17,434	*84,575*	1,805	86,380	7,401	78,979
MOUNTAIN: [4]												
Montana, Colorado, Arizona, and Utah [2]	9	215,121	210,368	*97.8*	4,753	----------	12,060	*7,307*	133	*7,174*	1	*7,175*
PACIFIC:												
Washington and Oregon [2]	15	1,915,910	1,933,354	*100.9*	*17,444*	33,750	67,241	*50,935*	1,590	*49,345*	72,307	*121,652*
California	13	3,133,107	3,606,058	*115.1*	*472,951*	----------	197,396	*670,347*	23,507	*646,840*	39,408	*686,248*

[1] Expressed as percentages; *italics* denote ratios above average for the United States.
[2] *Italics* denote deficit.
[3] Combined in order to avoid disclosing data for individual companies.
[4] No electric-railway or subsidiary motor-bus lines were operated in Idaho, Wyoming, New Mexico, or Nevada.

TABLE 104.—INCOME ACCOUNT—ELECTRIC-RAILWAY AND SUBSIDIARY MOTOR-BUS COMPANIES REPORTING NET INCOME AND THOSE REPORTING NET DEFICIT: 1927

	Total, all operating companies	COMPANIES REPORTING—		PER CENT OF TOTAL	
		Net income	Net deficit	Net income	Net deficit
Number of companies	301	121	180	40.2	59.8
Operating revenues	$68,120,905	$39,690,338	$28,430,567	58.3	41.7
Operating expenses	65,771,412	34,738,153	31,033,259	52.8	47.2
Ratio of expenses to revenues (per cent)	96.6	87.5	109.2		
Net operating revenues [1]	$2,349,493	$4,952,185	*$2,602,692*		
Net revenue: Auxiliary operations [1]	*230,902*	*245,164*	14,255		
Total net revenue (motor bus and auxiliary) [1]	2,118,584	4,707,021	*2,588,437*		
Taxes	2,879,746	1,736,090	1,143,656	60.3	39.7
Operating income [1]	*761,162*	2,970,931	*3,732,093*		
Nonoperating income	295,249	116,961	178,288	39.6	60.4
Gross income [1]	*465,913*	3,087,892	*3,553,805*		
Deductions from gross income	1,707,151	592,632	1,114,519	34.7	65.3
Net income [1]	*2,173,064*	2,495,260	*4,668,324*		

[1] *Italics* denote deficit.

TABLE 105.—CONDENSED INCOME ACCOUNT, ELECTRIC-RAILWAY AND SUBSIDIARY MOTOR-BUS LINES—ALL OPERATING COMPANIES, THOSE REPORTING NET INCOME, AND THOSE REPORTING NET DEFICIT, BY GEOGRAPHIC DIVISIONS: 1927

GEOGRAPHIC DIVISION AND CLASS OF COMPANIES	Number of companies	Operating revenues	Operating expenses	Ratio of expenses to revenues [1]	Revenue from auxiliary operations [2]	Taxes	Nonoperating income	Deductions from gross income	Net income or net deficit [2]
ALL COMPANIES									
United States	301	$68,120,905	$65,771,412	96.6	*250,909*	$2,879,746	$295,249	$1,707,151	*$2,173,064*
New England	24	6,345,402	5,839,009	92.0	----------	223,219	13,687	121,948	174,913
Middle Atlantic	59	23,539,210	21,444,449	91.1	*296,033*	1,126,152	205,565	890,952	*12,811*
East North Central	81	20,252,194	20,117,282	99.3	12,969	585,646	9,471	281,855	*710,149*
West North Central	31	3,838,530	3,703,342	96.5	17,905	196,676	6,490	68,805	*105,398*
South Atlantic	37	5,978,274	5,876,719	98.3	500	376,279	24,315	173,762	*423,671*
East South Central	9	677,430	778,906	115.0	----------	38,172	7,785	17,386	*149,249*
West South Central	23	2,225,727	2,261,925	101.6	----------	56,905	2,706	40,727	*131,124*
Mountain	9	215,121	210,368	97.8	----------	12,060	133	1	*7,175*
Pacific	28	5,049,017	5,539,412	109.7	33,750	264,637	25,097	111,715	*807,900*
COMPANIES REPORTING NET INCOME									
United States	121	39,690,338	34,738,153	87.5	*245,164*	1,736,090	116,961	592,632	2,495,260
New England	15	5,803,806	5,253,151	90.5	----------	207,494	357	108,647	234,871
Middle Atlantic	25	16,781,438	14,689,011	87.5	*297,319*	893,081	85,344	281,405	705,966
East North Central	29	8,298,445	7,324,131	88.3	----------	157,956	16	35,408	780,966
West North Central	16	2,393,419	2,016,926	84.3	17,905	135,163	6,215	45,871	219,579
South Atlantic	15	3,985,152	3,474,672	87.2	500	270,032	15,122	54,611	201,459
East South Central	3	144,545	91,414	63.3	----------	11,748	6,808	----------	48,101
West South Central	9	865,020	696,267	80.5	----------	6,302	1,805	2,400	161,856
Mountain	2	77,733	64,896	83.5	----------	794	----------	----------	12,043
Pacific	7	1,340,870	1,127,685	84.1	33,750	53,520	1,294	64,290	130,419
COMPANIES REPORTING NET DEFICIT									
United States	180	28,430,567	31,033,259	109.2	14,255	1,143,656	178,288	1,114,519	*4,668,324*
New England	9	541,596	585,858	108.2	----------	15,725	13,330	13,301	*59,958*
Middle Atlantic	34	6,757,772	6,755,438	100.0	1,286	233,071	120,221	609,547	*718,777*
East North Central	52	11,953,749	12,793,151	107.0	12,969	427,690	9,455	246,447	*1,491,115*
West North Central	15	1,445,111	1,686,416	116.7	----------	61,513	275	22,934	*326,477*
South Atlantic	22	1,993,122	2,402,047	120.5	----------	106,247	9,193	119,151	*625,130*
East South Central	6	532,975	687,492	129.0	----------	26,424	977	17,386	*197,350*
West South Central	14	1,360,707	1,565,658	115.1	----------	50,603	901	38,327	*292,980*
Mountain	7	137,388	145,472	105.9	----------	11,266	133	1	*19,218*
Pacific	21	3,708,147	4,411,727	119.0	----------	211,117	23,803	47,425	*958,319*

[1] Expressed as a percentage.

[2] *Italics* denote deficit.

TABLE 106.—EMPLOYEES, SALARIES, AND WAGES, BY OCCUPATIONAL CLASSES—ELECTRIC-RAILWAY AND SUBSIDIARY MOTOR-BUS LINES, BY GEOGRAPHIC DIVISIONS AND STATES: 1927

DIVISION AND STATE	Number of companies	TOTAL EMPLOYEES		SALARIED EMPLOYEES		WAGE EARNERS							
		Number	Salaries and wages	Number	Salaries	Total		Bus drivers		Conductors		All other	
						Number	Wages	Number	Wages	Number	Wages	Number	Wages
UNITED STATES	301	16,633	$27,564,088	2,333	$3,339,895	14,300	$24,224,193	9,842	$16,354,455	414	$817,432	4,044	$7,052,306
GEOGRAPHIC DIVISIONS:													
New England	24	1,330	2,499,169	113	233,019	1,217	2,266,150	896	1,707,874			321	558,276
Middle Atlantic	59	5,630	9,473,935	1,196	1,235,841	4,434	8,238,094	2,940	5,163,201	239	530,044	1,255	2,544,849
East North Central	81	4,837	8,190,322	559	1,049,580	4,278	7,140,742	2,954	4,934,496	79	128,591	1,245	2,077,655
West North Central	31	966	1,503,777	104	175,765	862	1,328,012	635	953,159			227	374,853
South Atlantic	37	1,526	2,218,676	109	172,640	1,417	2,046,036	1,024	1,423,446	14	24,744	379	597,846
East South Central	9	210	302,078	17	33,546	193	268,532	139	197,408			54	71,124
West South Central	23	715	952,313	95	126,015	620	826,298	458	616,578			162	209,720
Mountain	9	61	70,989	5	7,542	56	63,447	44	53,966			12	9,481
Pacific	28	1,358	2,352,829	135	305,947	1,223	2,046,882	752	1,304,327	82	134,053	389	608,502
NEW ENGLAND:													
Maine, New Hampshire, and Vermont [1]	5	25	22,876	1	250	24	22,626	19	16,776			5	5,850
Massachusetts	14	885	1,642,301	79	149,250	806	1,493,051	656	1,243,849			150	249,202
Rhode Island and Connecticut [1]	5	420	833,992	33	83,519	387	750,473	221	447,249			166	303,224
MIDDLE ATLANTIC:													
New York	25	770	1,212,079	71	116,172	699	1,095,907	439	696,397	17	28,608	243	370,902
New Jersey	6	3,528	5,787,903	991	867,870	2,537	4,920,033	1,909	3,407,664			628	1,512,369
Pennsylvania	28	1,332	2,473,953	134	251,799	1,198	2,222,154	592	1,059,140	222	501,436	384	661,578
EAST NORTH CENTRAL:													
Ohio	25	1,265	2,050,502	93	207,090	1,172	1,843,412	816	1,368,214	62	103,775	294	371,423
Indiana	14	914	1,303,863	144	249,125	770	1,054,738	563	742,366			207	312,372
Illinois	22	551	891,302	46	78,873	505	812,429	371	620,152	5	5,374	129	186,903
Michigan	12	1,679	3,257,166	246	461,917	1,433	2,795,249	916	1,702,230			517	1,093,019
Wisconsin	8	428	687,489	30	52,575	398	634,914	288	501,534	12	19,442	98	113,938
WEST NORTH CENTRAL:													
Minnesota and Iowa [1]	12	451	688,247	51	97,501	400	590,746	299	423,104			101	167,642
Missouri	7	317	571,058	21	43,737	296	527,321	201	362,237			95	165,084
North Dakota, South Dakota, and Nebraska [1]	5	95	117,528	18	22,070	77	95,458	67	81,623			10	13,835
Kansas	7	103	126,944	14	12,457	89	114,487	68	86,195			21	28,292

SOUTH ATLANTIC:													
Delaware, Maryland, and District of Columbia [1]	10	535	786,373	55	67,183	480	719,190	304	458,210	14	24,744	162	236,236
Virginia	7	490	693,663	7	12,865	483	680,798	366	468,149			117	212,649
West Virginia	4	122	172,940	11	16,285	111	156,655	88	128,822			23	27,833
North Carolina	7	86	112,215	7	8,935	79	103,280	67	82,124			12	21,156
South Carolina and Georgia [1]	5	95	149,437	8	20,801	87	128,636	74	104,851			13	23,785
Florida	4	198	304,048	21	46,571	177	257,477	125	181,290			52	76,187
EAST SOUTH CENTRAL:													
Kentucky and Tennessee [1]	5	123	171,133	10	19,944	113	151,189	80	107,770			33	43,419
Alabama and Mississippi [1]	4	87	130,945	7	13,602	80	117,343	59	89,638			21	27,705
WEST SOUTH CENTRAL:													
Arkansas and Louisiana [1]	6	114	159,415	18	15,771	96	143,644	75	113,599			21	30,045
Oklahoma	5	298	387,580	47	51,660	251	335,920	185	245,708			66	90,212
Texas	12	303	405,318	30	58,584	273	346,734	198	257,271			75	89,463
MOUNTAIN: [2]													
Montana, Colorado, Arizona, and Utah [1]	9	61	70,989	5	7,542	56	63,447	44	53,966			12	9,481
PACIFIC:													
Washington and Oregon [1]	15	466	814,728	64	137,359	402	677,369	282	491,690			120	185,679
California	13	892	1,538,101	71	168,588	821	1,369,513	470	812,637	82	134,053	269	422,823

[1] Combined in order to avoid disclosing data for individual companies.
[2] No electric-railway or subsidiary motor-bus lines were operated in Idaho, Wyoming, New Mexico, or Nevada.

TABLE 107.—RATIO (EXPRESSED AS A PERCENTAGE) OF SALARIES AND WAGES TO OPERATING REVENUES AND TO OPERATING EXPENSES—ELECTRIC-RAILWAY AND SUBSIDIARY MOTOR-BUS LINES, BY GEOGRAPHIC DIVISIONS AND STATES: 1927

DIVISION AND STATE	RATIO (AS A PERCENTAGE) OF AGGREGATE SALARIES AND WAGES TO—	
	Operating revenues	Operating expenses
UNITED STATES	40.5	41.9
GEOGRAPHIC DIVISIONS:		
New England	39.4	42.8
Middle Atlantic	40.2	44.2
East North Central	40.4	40.7
West North Central	39.2	40.6
South Atlantic	37.1	37.8
East South Central	44.6	38.8
West South Central	42.8	42.1
Mountain	33.0	33.7
Pacific	46.6	42.5
NEW ENGLAND:		
Maine, New Hampshire, and Vermont [1]	39.9	38.3
Massachusetts	38.3	41.5
Rhode Island and Connecticut [1]	41.8	45.7
MIDDLE ATLANTIC:		
New York	39.0	38.2
New Jersey	39.0	44.4
Pennsylvania	44.4	47.2
EAST NORTH CENTRAL:		
Ohio	35.7	35.9
Indiana	43.6	36.3
Illinois	39.3	45.7
Michigan	44.8	46.4
Wisconsin	34.9	37.3
WEST NORTH CENTRAL:		
Minnesota and Iowa [1]	34.5	38.0
Missouri	51.0	45.0
North Dakota, South Dakota, and Nebraska [1]	34.8	35.6
Kansas	32.9	43.9
SOUTH ATLANTIC:		
Delaware, Maryland, and District of Columbia [1]	34.7	38.6
Virginia	36.3	39.1
West Virginia	31.3	30.5
North Carolina	41.5	40.5
South Carolina and Georgia [1]	42.4	39.5
Florida	48.9	36.0
EAST SOUTH CENTRAL:		
Kentucky and Tennessee [1]	44.2	40.1
Alabama and Mississippi [1]	45.2	37.1
WEST SOUTH CENTRAL:		
Arkansas and Louisiana [1]	42.5	35.5
Oklahoma	41.2	38.6
Texas	44.5	50.1
MOUNTAIN: [2]		
Montana, Colorado, Arizona, and Utah [1]	33.0	33.7
PACIFIC:		
Washington and Oregon [1]	42.5	42.1
California	49.1	42.7

[1] Combined in order to avoid disclosing data for individual companies.
[2] No electric-railway or subsidiary motor-bus lines were operated in Idaho, Wyoming, New Mexico, or Nevada.

DIRECTORY

OPERATING AND LESSOR COMPANIES

The electric-railway companies (not including subsidiary companies engaged in the operation of motor-bus lines) covered by this report are listed alphabetically, by States, the operating companies in roman type and the lessor companies in *italics* immediately following the names of the operating companies to which the roads are leased. In the cases of companies operating under leases and sub-leases, the grouping and subgrouping show the relationship of the lessor companies. All roads use the overhead trolley exclusively except those indicated by footnotes as having other power systems. Municipal roads are also indicated by footnotes.

INDEX OF CLASSIFICATIONS AND ASSOCIATIONS

According to income from railway operations

A.—More than $1,000,000.

B.—More than $250,000 but not more than $1,000,000.

C.—$250,000 or less.

According to character of business

X.—Full year, with commercial light and power operations.

Y.—Full year, with commercial light and power operations.

Z.—Part time: Roads operated solely to hold franchise.

Elev.—Company owns or operates some elevated-railway track.
Sub.—Company owns or operates some subway track.
*—Name not identical with that reported for 1922.

ALABAMA:
- Alabama Power Co. — B-X
- *Birmingham Electric Co. — A-X
  - *Birmingham & Edgewood Electric Ry. Co.*
- Mobile Light & R. R. Co. — B-X

ARIZONA:
- *Street Railway Properties of the City of Phoenix [1] — C-X
- Tucson Rapid Transit Co. — C-X
- Warren Co. (operating Warren-Bisbee Ry.) — C-X

ARKANSAS:
- *Arkansas-Missouri Power Co. — C-Z
- *Arkansas Power Light Co. — B-X
- Fort Smith Light & Traction Co. — C-X
- Hot Springs St. Ry. Co. — C-X
- Inter-City Terminal Ry. Co. — C-X
- *Interurban Traction Co. — C-X
- Southwestern Gas & Electric Co. (Texarkana) — C-X

CALIFORNIA:
- Angels Flight Ry. Co. (Los Angeles) [1] — C-X
- Bakersfield & Kern Electric Ry. Co. — C-X
- California St. Cable R. R. Co., The [2] (San Francisco) — B-X
- Central California Traction Co. [2] (Stockton) — B-X
- City of Eureka (operating Eureka St. Ry.) [1] — C-X
- Fresno Traction Co. (sub.) — B-X
  - *Fresno City Ry. Co.*
- Glendale and Montrose Ry. — C-X

CALIFORNIA—Continued.
- *Key System Transit Co. — A-X
  - *John P. Maxwell* (individual).
- Los Angeles Ry. Corp. — A-X
  - *City Ry. Co. of Los Angeles.*
- Market St. Ry. Co. [4] — A-X
  - *Gough St. R. R. Co.*
- Municipal Ry. of San Francisco [1] (sub.) — A-X
- Pacific Electric Ry. Co. [3] (elev. and sub.) — A-X
- Pacific Gas & Electric Co. (Sacramento) — B-X
- *Peninsular Ry. Co. (San Jose) — C-X
- Petaluma & Santa Rosa R. R. Co. — B-X
- Sacramento Northern Ry. [3] — A-X
- San Diego Electric Ry. Co. — A-X
- San Francisco, Napa & Calistoga Ry. — C-X
- San Francisco-Sacramento R. R. Co. (sub.) — B-X
- San Jose Railroads — B-X
- Santa Barbara & Suburban Ry. Co. — C-X
- South San Francisco R. R. & Power Co. — C-X
- Stockton Electric R. R. Co. — B-X
- Visalia Electric R. R. Co. [5] — C-X

COLORADO:
- Colorado Springs & Interurban Ry. Co., The — B-X
- *Denver Tramway Corp., The — A-X
- Denver & Crown Hill Ry. Co., The — C-X
- Denver & Intermountain R. R. Co., The — B-X
- Fort Collins Municipal Ry. [1] — C-X
- Grand River Valley Ry. Co., The — C-X
- Manitou Electric Ry. & Casino Co., The — C-Z

See footnotes on p. 210.

COLORADO—Continued.
Mount Manitou Park & Incline Ry. Co., The [2] ..... C-Z
*Public Service Co. of Colorado (Boulder) C-X
Southern Colorado Power Co ..... B-X
CONNECTICUT:
Bristol Traction Co ..... C-X
Connecticut Co., The ..... A-X
Connecticut Ry. & Lighting Co. (Philadelphia.)
Manchester Electric Co. (South Manchester.)
West Shore Ry. Co. (New Haven.)
*Groton & Stonington Traction Co ..... C-X
*New Haven & Shore Line Ry. Co ..... C-X
Waterbury & Milldale Tramway Co., The ..... C-X
DELAWARE:
*Delaware Electric Power Co., The ..... A-X
Front and Union St. Ry. Co.
Gordon Heights Ry. Co.
Peoples Ry. Co.
Wilmington City Ry. Co.
Wilmington, New Castle & Delaware City Ry. Co.
Wilmington & Edgemore Elec. Ry. Co.
DISTRICT OF COLUMBIA:
Capital Traction Co., The [7] ..... A-X
Kensington Ry. Co.
Washington & Maryland Ry. Co.
Washington Ry. & Electric Co.[7] including Washington & Rockville Ry. Co. of Montgomery County ..... A-X
FLORIDA:
Municipal Ry. of St. Petersburg [1] ..... B-X
*Municipal Ry. of Coral Gables [1] ..... C-X
*Gulf Power Company ..... C-X
Jacksonville Traction Co ..... A-X
Miami Beach Ry. Co ..... B-X
*St. Augustine Co ..... C-X
Tampa Electric Co ..... B-X
GEORGIA:
Atlanta Northern Ry. Co ..... C-X
Augusta-Aiken Ry. & Electric Corp ..... B-X
Columbus Electric & Power Co ..... C-X
Fairburn & Atlanta Ry. & Electric Co.[8] C-X
*Georgia Power Co ..... A-X
Macon Ry. & Light Co ..... B-X
Savannah Electric & Power Co ..... B-X
IDAHO:
Boise Valley Traction Co ..... C-X
ILLINOIS:
*Alton Ry. Co ..... B-X
*Aurora, Elgin & Fox River Elec. Co ..... B-X
Cairo & St. Louis Ry. Co ..... C-X
Central Illinois Public Service Co ..... C-X
Central Illinois Traction Co ..... C-X
Centralia Traction Co ..... C-X
Centralia & Central City Traction Co ..... C-X
Chicago, Aurora & Elgin R. R. Co.[3] (elev.) ..... A-X
Chicago, North Shore & Milwaukee R. R. Co.[3] ..... A-X
*Chicago Rapid Transit Co.[3] (elev.) ..... A-X
Chicago Surface Lines (sub.) ..... A-X
Calumet & So. Chicago Ry. Co ..... A-X
Chicago and Western Ry. Co.
Chicago City Ry. Co ..... A-X
Chicago Rys. Co ..... A-X
Southern St. Ry. Co., The ..... A-X
Chicago & Interurban Traction Co. (part time) ..... C-Z
Chicago & Joliet Electric Ry. Co ..... B-Y
Chicago & West Towns Ry. Co ..... A-X
East St. Louis, Columbus & Waterloo Ry ..... C-X
East St. Louis Ry. Co ..... A-X
*East St. Louis & Suburban Ry. Co ..... A-X
*Elgin, Belvidere & Rockford Ry. Co ..... C-X
Evanston Ry. Co ..... B-X
*Galesburg & Western R. R. Co ..... C-X
Illinois Central Electric Ry., The ..... C-X
Illinois Northern Utilities Co ..... C-X
Illinois Power Company ..... B-X
*Illinois Power & Light Corp. (Bloomington) ..... C-X
*Illinois Power & Light Corp. (Cairo) ..... C-X

ILLINOIS—Continued.
*Illinois Power & Light Corp. (Champaign) ..... C-X
*Illinois Power & Light Corp. (Danville) B-X
*Illinois Power & Light Corp. (Decatur) B-X
*Illinois Power & Light Corp. (Galesburg) ..... C-X
*Illinois Power & Light Corp. (Jacksonville) ..... C-X
*Illinois Power & Light Corp. (Ottawa) C-Z
*Illinois Power & Light Corp. (Peoria) B-X
*Illinois Power & Light Corp. (Quincy) C-X
*Illinois Traction (Inc.) ..... A-Y
Kankakee Electric Ry. Co ..... C-X
*Kewanee Public Service Co ..... C-X
*Kewanee & Galva Ry. Co ..... C-X
*Lincoln Water & Light Co ..... C-X
North Kankakee Electric Light & Ry. Co ..... C-X
North Shore & Western Ry. Co ..... C-Z
Pekin Municipal Street Ry.[1] ..... C-X
*Rockford, Beloit & Janesville Ry. Co C-X
*Rockford Public Service Co ..... B-X
*Rockford and Freeport Ry. Co ..... C-X
*St. Louis & Alton Ry. Co ..... B-X
St. Louis & Belleville Electric Ry. Co. B-X
St. Louis & East St. Louis Electric Ry. Co ..... B-X
Southern Illinois Ry. & Power Co ..... C-X
Tri City Ry. Co. of Illinois ..... B-X
INDIANA:
Beech Grove Traction Co ..... C-X
Chicago, South Bend & Northern Indiana Ry. Co ..... A-X
*Chicago South Shore & South Bend R. R ..... A-X
Evansville Suburban & Newburgh Ry. Co.[9] ..... C-X
Evansville & Ohio Valley Ry. Co ..... B-Y
Ft. Wayne & Decatur Traction Co ..... C-Z
*Gary Rys. Co ..... A-X
Gary & Southern Traction Co ..... C-X
Hammond, Whiting & East Chicago Ry. Co ..... B-X
*Indiana Service Corp ..... A-X
Indianapolis St. Ry. Co ..... A-X
Indianapolis & Cincinnati Traction Co. B-X
Interstate Public Service Co ..... A-X
Indianapolis, Columbus & Southern Traction Co.
LaFayette St. Ry. Co ..... C-X
Northern Indiana Power Co ..... C-X
Southern Indiana Gas & Electric Co ..... B-X
Terre Haute, Indianapolis & Eastern Traction Co ..... A-X
Indianapolis, Crawfordsville & Danville Electric Ry. Co.
Indianapolis & Martinsville Rapid Transit Co.
Indianapolis & Northwestern Traction Co.
Terre Haute Traction & Light Co.
Terre Haute & Western Ry. Co.
Union Traction Co. of Indiana ..... A-X
Indianapolis, New Castle & Eastern Traction Co.
Muncie, Hartford & Ft. Wayne Ry. Co., The.
Muncie & Portland Traction Co., The.
Vincennes Electric Ry. Co ..... C-X
Washington St. Ry. [1] (municipally owned and operated) ..... C-X
*Winona R. R. Co ..... B-X
IOWA:
*Boone St. Ry. Dept ..... C-X
*Cedar Rapids & Iowa City Ry ..... B-X
Iowa Traction Co.
Cedar Rapids & Marion City Ry. Co ..... B-X
Charles City Western Ry. Co ..... C-X
Clinton, Davenport & Muscatine Ry. Co ..... B-Y
Clinton St. Ry. Co ..... C-X
Des Moines City Ry. Co ..... A-X
Des Moines & Central Iowa R. R. Co ..... B-X
Ft. Dodge, Des Moines & Southern R. R. Co ..... A-Y
Fort Madison St. Ry. Co ..... C-X

See footnotes on p. 210.

IOWA—Continued.
*Interstate Power Co. (Delaware) B-X
Iowa Southern Utilities Co B-X
Albia Light & Ry. Co.
Keokuk Electric Co C-X
*Marshalltown St. Ry. Dept C-X
Mason City & Clear Lake R. R. Co C-X
Mississippi Valley Electric Co C-X
Sioux City Service Co B-X
Tri City Ry. Co. of Iowa B-X
Waterloo, Cedar Falls & Northern Ry. Co B-X

KANSAS:
Arkansas Valley Interurban Ry. Co B-X
Hutchinson Interurban Ry. Co., The C-X
*Hutchinson & Northern Ry. Co., The C-Z
Joplin & Pittsburg Ry. Co B-X
Kansas City, Kaw Valley & Western R. R. Co., The B-X
Kansas City, Lawrence & Topeka Elec. R. R. Co C-Z
Kansas City, Leavenworth & Western Ry. Co B-X
Kansas Electric Power Co., The C-X
*Kansas Power & Light Co., The (Atchison) C-X
*Kansas Power & Light Co., The (Topeka) B-X
*Kansas & Missouri Ry. & Terminal Co., The C-Z
Missouri & Kansas Ry. Co., The C-X
Salina St. Ry. Co C-X
Union Traction Co., The B-X
*United Power & Light Corp., The (Kansas) C-X
Wichita R. R. & Light Co B-X

KENTUCKY:
Cincinnati, Newport & Covington Ry. Co A-X
Kentucky Traction & Terminal Co. (Lexington) B-X
Kentucky Utilities Co C-X
Louisville Ry. Co A-X
Louisville & Interurban R. R. Co B-X
Maysville St. R. R. & Transfer Co C-X
Owensboro City R. R. Co C-X

LOUISIANA:
Baton Rouge Electric Co C-X
*Louisiana Electric Co. (Inc.) C-Z
Municipal Street Ry.[1] (Monroe) C-X
*Louisiana Power & Light Co C-X
New Orleans Public Service (Inc.) A-X
Orleans-Kenner Traction Co. (Inc.) C-Y
Shreveport Rys. Co B-X

MAINE:
Androscoggin Electric Co. (Portland-Lewiston Interurban Ry.) C-X
Androscoggin & Kennebec Ry. Co., The B-X
Aroostook Valley R. R. Co C-X
*Bangor Hydro-Electric Co B-X
Biddeford & Saco R. R. Co C-X
Calais St. Ry A-X
*Central Maine Power Co. (Rockland, Thomaston & Camden St. Ry.) C-X
Cumberland County Power & Light Co. C-X
Portland R. R. Co.
Fairfield & Shawmut Ry. Co C-Z
Somerset Traction Co C-X
Turner R. R.[1] (municipal) C-X
Waterville, Fairfield & Oakland St. Ry. C-X
York Utilities Co C-X

MARYLAND:
*Cumberland & Westernport Transit Co. C-Z
*Potomac Edison Co., The B-X
United Rys. & Electric Co. of Baltimore (elev.) A-X
Maryland Electric Rys. Co., The
Washington, Baltimore & Annapolis Elec. R. R. Co.[7] A-Y

MASSACHUSETTS:
A. B. C. Street Ry. Co C-X
*Athol & Orange Transportation Area (municipal) C-X
Berkshire St. Ry. Co B-X
Boston Elevated Ry.[3] (elev. and sub.) A-X

MASSACHUSETTS—Continued.
*Boston, Worcester & New York St. Ry. Co B-X
East Taunton St. Ry. Co C-X
Eastern Massachusetts St. Ry. Co. (sub.) A-X
Boston & Chelsea R. R. Co.
Boston & Revere Electric St. Ry. Co.
East Middlesex St. Ry. Co.
Winnisimmet R. R. Co.
Fitchburg & Leominster St. Ry. Co B-X
Grafton & Upton R. R. Co C-X
*Greenfield & Montague Transportation area[1] (municipal) C-X
Holyoke St. R. R. Co B-X
Mount Tom R. R. Co.
Interstate St. Ry. Co C-X
Linwood St. Ry. Co C-X
Lowell & Fitchburg St. Ry. Co C-X
Massachusetts Northeastern St. Ry. Co. B-X
Middlesex & Boston St. Ry. Co A-X
Newtonville and Watertown St. Ry. Co.
Milford & Uxbridge St. Ry. Co C-X
Nahant & Lynn St. Ry. Co C-X
New Bedford & Onset St. Ry. Co C-Z
Northampton St. Ry. Co B-X
Norton, Taunton & Attleboro St. Ry. Co.[1] (municipal) C-X
Plymouth & Brockton St. Ry. Co C-X
Point Shirley St. Ry. Co.[10] C-X
Shelburne Falls & Colerain St. Ry. Co. C-Z
Springfield St. Ry. Co A-X
Union St. Ry. Co A-X
Worcester Consolidated St. Ry. Co A-X
North End St. Ry. Co.
Webster & Dudley St. Ry. Co.
Worcester & Webster St. Ry. Co.
Worcester & Shrewsbury R. R. Co.
Worcester & Shrewsbury St. Ry. Co.

MICHIGAN:
Benton Harbor-St. Joe Ry. & Light Co. C-X
City of Detroit—Dept. of St. Rys.[1] A-X
Detroit, Jackson & Chicago Ry B-X
Detroit, Monroe & Toledo Short Line A-X
Monroe Connecting Ry. Co.
Detroit United Ry A-X
Detroit, Almont & Northern R. R.
Highland Park & Royal Oak R. R., The.
Detroit & Port Huron Shore Line Ry A-X
Detroit & Lake St. Clair Ry.
Escanaba Power & Traction Co C-X
Grand Rapids, Grand Haven & Muskegon Ry. Co.[3] C-X
Grand Rapids Ry. Co A-X
Houghton County Traction Co C-X
Marquette City Ry. Co C-X
Menominee & Marinette Light & Traction Co C-X
*Michigan Electric Ry. Co.[3] C-X
Lansing Southern R. R. Co.
*Michigan Gas & Electric Co C-X
Michigan R. R. Co.[3] B-X
Muskegon Traction & Lighting Co C-X
*Saginaw Transit Co B-X
Sault Ste. Marie Traction Co C-X
Southern Michigan Rys. Co C-X
*United Suburban Ry. Co C-Z

MINNESOTA:
Duluth St. Ry. Co.[4] A-X
Mankato Electric Traction Co C-X
Mesaba Ry. Co C-Z
Minneapolis, Anoka & Cuyuna Range Ry. Co C-X
Minneapolis Municipal Waterworks Ry.[1] C-Z
Minnesota Northwestern Electric Ry. Co.[11] C-X
*Mississippi Valley Public Service Co C-X
*Northern States Power Co C-X
St. Paul Southern Electric Ry. Co C-X
Twin City Rapid Transit Co. (sub.) A-X

MISSISSIPPI:
Gulfport & Misissippi Coast Traction Co C-X
*Mississippi Power Co C-X
*Mississippi Power & Light Co C-X

See footnotes on p. 210.

MISSOURI:
Blue Valley Ry. C-X
Cape Girardeau-Jackson Interurban Ry. Co. C-X
City Light & Traction Co. C-X
Hannibal Ry. & Electric Co. C-X
Kansas City, Clay County & St. Joseph Ry. Co. B-X
*Kansas City Public Service Co. (sub.). A-X
Wyandotte Railways Company, The
Missouri Electric R. R. Co. C-X
*Missouri Power & Light Co. C-X
*North Kansas City Bridge & Railroad Co. C-X
St. Francois County R. R. Co. C-X
St. Joseph Ry., Light, Heat & Power Co. B-X
St. Louis Electric Terminal Ry. Co. B-X
Southwest Missouri R. R. Co. B-X
Springfield Traction Co. B-X
*St. Louis Public Service Co. A-X

MONTANA:
Anaconda Copper Mining Co. C-X
Butte Electric Ry. Co. B-X
*Helena Electric Ry. Co. C-X
*Missoula Public Service Co. C-X
Montana Power Co. C-X

NEBRASKA:
Lincoln Traction Co. B-X
*Omaha, Lincoln & Beatrice Railroad Co. C-X
Omaha & Council Bluffs St. Ry. Co. A-X
Omaha and Council Bluffs Ry. & Bridge Co.
Omaha & Southern Interurban Ry. Co. C-X

NEVADA:
Reno Traction Company C-X

NEW HAMPSHIRE:
Berlin St. Ry. C-X
Chester & Derry R. R. Association C-X
Claremont Ry. Co. C-X
*Concord Electric Railways Co. C-X
Manchester St. Ry. B-X
Manchester & Nashua St. Ry. C-X
Nashua St. Ry. C-X
Uncanoonuc Incline Ry. Development Co.[8] C-Z

NEW JERSEY:
*Atlantic City & Shore R. R. Co.[1] A-X
Atlantic City & Ocean City R. R. Co.
Atlantic & Suburban Ry. Co. C-X
Central Passenger Ry. Co. C-X
*Coast Cities Railway Co. B-X
*Cumberland Traction Co. C-X
Millville Traction Co.
Five Mile Beach Electric Ry. Co. C-X
Morris County Traction Co. B-X
Ocean City Electric R. R. Co. C-Z
Phillipsburg Transit Co. C-X
*Public Service R. R. Co. B-X
Elizabeth and Trenton R. R. Co.
*Public Service Coordinated Transport (elev. and sub.) A-X
Bergen Turnpike Co.
Camden Horse R. R. Co.
Camden & Suburban Ry. Co.
Camden & Trenton Traction Co.
Consolidated Traction Co.
New Jersey and Hudson River Ry. & Ferry Co.
Orange & Passaic Valley Ry. Co.
Rapid Transit St. Ry. Co. of the City of Newark.
Riverside Traction Co.
South Orange & Maplewood Traction Co.
Salem & Pennsgrove Traction Co. C-X
Trenton-Princeton Traction Co. C-X
Trenton & Mercer County Traction Corp. A-X
Mercer County Traction Co.
Trenton, Hamilton & Ewing Traction Co.
Trenton, Pennington & Hopewell St. Ry. Co.
Trenton Street Railway Co.

See footnotes on p. 210.

NEW MEXICO:
City Electric Company (Albuquerque). C-X
The Las Vegas Transit Company C-X

NEW YORK:
Auburn & Syracuse Electric R. R. Co. B-X
Batavia Traction Co. (Inc.) C-Z
Belt Line Ry. Corp.[12] B-X
Binghamton Ry. Co. B-Y
Black River Traction Co. C-X
Brooklyn City R. R. Co., The A-X
*Brooklyn-Manhattan Transit Corp. A-X
Brooklyn, Queens County & Suburban R. R. Co. A-X
*Buffalo & Erie Ry. Co. B-X
Buffalo & Lackawanna Traction Co. C-X
Buffalo & Williamsville Electric Ry. Co. C-X
Bush Terminal R. R. Co. B-X
*Coney Island & Brooklyn R. R. Co. A-X
*Coney Island & Gravesend Ry. Co. A-X
Corning & Painted Post St. Ry. C-X
Cortland County Traction Co., The C-X
Dry Dock, East Broadway & Battery R. R. Co., The[12] B-X
*Eastern New York Utilities Corporation[1] B-X
*Eighth & Ninth Avenues Ry. Co.[13] A-X
Elmira, Corning & Waverly Ry. Co. C-X
Elmira, Water, Light & R. R. Co. B-X
Empire State R. R. Corp. B-X
Erie County Traction Co. C-X
Fishkill Electric Ry. Co. C-X
Forty-second Street, Manhattanville & St. Nicholas Ave. Ry. Co.[12] A-X
Geneva, Seneca Falls & Auburn R. R. Co. C-X
Hamburg Ry. Co. C-X
Hastings Railway Co. (Inc.) C-X
Hudson Valley Ry. Co. B-X
North River Ry., The
Hudson & Manhattan R. R. Co.[11] (sub.) A-X
*Huntington Traction Co. (Inc.) C-Z
Interborough Rapid Transit Co.[11] (elev. and sub.) A-X
Manhattan Ry. Co., Lessor.
International Railway Co. A-X
*Ithaca Traction Corp. C-X
*Jamaica Central Rys. (Inc.) B-X
Jamestown St. Ry. Co. B-X
Jamestown, Westfield & Northwestern R. R. Co. B-X
Kaydeross R. R. Corp. C-X
Kingston Consolidated R. R. Co. C-X
*Long Beach Railway Co. (Inc.)[3] C-Z
Manhattan Bridge Three Cent Line C-X
Manhattan & Queens Traction Corp. B-X
Mount Beacon-on-Hudson Assn. Incline Ry.[2] C-Z
*Nassau Electric R. R. Co., The A-X
New York City Interborough Ry. Co.[7] A-X
New York Rys. Corp.[12] A-X
Bleecker St. & Fulton Ferry R. R. Co.
Broadway & Seventh Ave. R. R. Co.
Christopher & Tenth St. R. R. Co.
Forty-second St. and Grand St. Ferry R. R. Co.
Sixth Ave. R. R. Co.
Thirty-fourth St. Crosstown R. R. Co.
Twenty-third St. Ry. Co.
*New York Rapid Transit Corp.[3] A-X
New York State Rys.[3] A-X
Ontario Light & Traction Co.
Rochester Electric Ry. Co.
New York, Westchester & Boston Ry. Co. (sub.) A-X
New York, Westchester & Connecticut Traction Co. C-X
New York & Harlem R. R. Co.[13] (sub.). A-X
New York & Queens County Ry. Co. B-X
New York & Stamford Ry. Co. C-X
Niagara Gorge R. R. Co., The B-X
Niagara Junction Ry. Co.[15] B-Z
Ocean Electric Ry. Co. C-X
Ogdensburg St. Ry. Co. C-X
Olean, Bradford & Salamanca R. R. Co. C-Z
Paul Smith's Electric Light, Power & R. R. Co.[16] C-X
Penn Yan & Lake Shore Ry. C-X

NEW YORK—Continued.
Poughkeepsie & Wappinger Falls Ry. Co ... B-X
*Richmond Railways (Inc.) ... B-X
Rochester, Lockport & Buffalo R. R. Corp ... B-X
Rochester & Syracuse R. R. Co. (Inc.) ... B-X
Schenectady Ry. Co ... A-X
Second Avenue R. R. Co.[13] ... A-X
*South Brooklyn Ry. Co ... A-X
Southern Boulevard R. R. Co ... B-X
*Southern New York Ry. (Inc.) ... C-X
Southfield Beach R. R. Co ... C-X
Staten Island Midland Ry. Co ... C-Z
*Steinway Railway Co ... B-X
Syracuse Northern Electric Ry. (Inc.) ... C-X
*Syracuse & Eastern R. R. Co ... C-X
Third Avenue Ry. Co.[7] ... A-X
Kingsbridge Ry. Co.
Union Ry. Co. of N. Y. C.[7] ... A-X
Bronx Traction Co., The.
United Traction Co ... A-X
Capitol Ry., The.
Cohoes Ry. Co.
Lansingburgh & Cohoes R. R. Co
Troy & Cohoes R. R. Co.
Waterford & Cohoes R. R. Co.
Van Brunt Street & Erie Basin R. R. Co. ... C-X
Westchester Electric R. R. Co ... B-X
*Westchester St. Transportation Co. (Inc.) ... C-X
Yonkers R. R. Co., The ... A-X

NORTH CAROLINA:
Carolina Power & Light Co. (Raleigh) ... C-X
*Carolina Power & Light Co. (Asheville) ... B-X
Durham Public Service Co ... B-X
New Bern-Ghent St. Ry. Co ... C-X
North Carolina Public Service Co ... C-X
Plaza Ry. (Inc.) ... C-X
Southern Public Utilities Co. (Charlotte) ... B-X
Tidewater Power Company ... C-X

NORTH DAKOTA:
Capital Car Line (State owned) ... C-X
Northern States Power Co ... C-X
Grand Forks St. Ry. Co ... C-X
Valley City St. & Interurban Ry. Co ... C-X

OHIO:
Chillicothe & Camp Sherman Elec. R. R. Co ... C-X
Cincinnati, Georgetown & Portsmouth R. R. Co ... B-X
*Cincinnati, Hamilton & Dayton Railway Co ... A-X
Cincinnati, Lawrenceburg & Aurora Elec. St. Ry. Co ... C-X
*Cincinnati Street Ry. Co ... A-X
*City of Ashtabula, Division of Street Railways[1] ... C-X
City Railway Co ... B-X
Cleveland Ry. Co ... A-X
*Cleveland Southwestern Ry. & Light Co ... A-X
Columbus, Delaware & Marion Elec. Co ... B-X
Columbus, Marion & Bucyrus Ry. Co. ... C-X
Columbus Railway, Power & Light Co. ... A-X
Community Traction Co ... A-X
Dayton St. Ry. Co ... B-X
*Dayton-Xenia Ry. Co ... C-X
*Dayton & Troy Electric Ry. Co ... B-X
Miami Valley Ry. Co.
*Dayton & Western Traction Co ... B-X
*East End Traction Co ... C-X
Felicity & Bethel R. R. Co ... C-X
*Ft. Wayne-Lima Railroad Co ... B-X
Fostoria & Fremont Ry. Co ... C-X
Indiana, Columbus & Eastern Traction Co ... A-X
Lake Shore Electric Ry. Co ... A-X
Lancaster Traction & Power Co ... C-X
Lima City St. Ry. Co ... B-X
Lima-Toledo R. R. Co ... B-X
Lorain St. R. R. Co ... B-X
*Nelsonville-Athens Elec. Ry. Co ... C-X
*Northern Ohio Power & Light Co ... A-X
Northern Realty Company.
Oakwood St. Ry. Co ... C-X
Oakwood R. R. Co.

OHIO—Continued.
Ohio Public Service Co ... B-X
*Ohio River Ry. & Power Co ... C-X
Ohio & Southern Traction Co ... C-X
*Pennsylvania-Ohio Power & Light Co. ... B-X
*Peoples Ry. Co ... B-X
*Portsmouth Public Service Co ... B-X
Price Hill Inclined Plane R. R. Co.[2] ... C-X
Sandusky, Fremont & Southern Ry. Co. ... C-X
*Scioto Valley Ry. & Power Co.[3] ... B-X
*Southern Ohio Public Service Co ... B-X
Springfield Ry. Co ... B-X
*Springfield Suburban R. R. Co ... C-X
Springfield & Xenia Ry. Co ... C-X
Stark Electric R. R. Co ... B-X
Steubenville, East Liverpool & Beaver Valley Traction Co ... B-X
Toledo, Bowling Green & Southern Traction Co ... B-X
Toledo, Fostoria & Findlay Ry. Co ... B-X
Toledo, Ottawa Beach & Northern Railway Co ... C-Y
Toledo & Indiana R. R. Co ... C-X
Toledo & Western Ry. Co ... B-X
*West End Traction Co ... B-X
Western Ohio Ry. Co ... B-X
Youngstown Municipal Ry. Co ... A-X
Youngstown & Ohio River R. R. Co ... B-X
Salem Street Railway Co.
Youngstown & Suburban Railway Co ... C-X

OKLAHOMA:
Chickasha St. Ry. Co ... C-Z
Enid City Ry ... C-X
Guthrie Railway Co ... C-Z
Lawton Ry. & Lighting Co ... C-Z
Muskogee Electric Traction Co ... C-X
Northeast Oklahoma R. R. Co.[9] ... B-X
Oklahoma Ry. Co ... A-X
Oklahoma Union Ry. Co ... B-X
Pittsburg County Ry. Co ... C-X
Tulsa Street Ry. Co ... B-X

OREGON:
Kenton Traction Co ... C-X
Oregon Electric Ry. Co ... B-X
*Portland Electric Power Co ... A-X
*Willamette Valley Railway Co ... C-X

PENNSYLVANIA:
Allegheny Valley St. Ry. Co ... C-X
Allentown & Reading Traction Co ... C-Y
Kutztown & Fleetwood St. Ry. Co.
Altoona & Logan Valley Elec. Ry. Co ... A-Y
*Bangor & Nazareth Transit Co ... C-Z
*Bangor & Portland Transit Co ... C-Z
Beaver Valley Traction Co ... B-X
Pittsburgh & Beaver St. Ry. Co.
Bethlehem Transit Co ... C-X
Butler Rys. Co ... C-X
Cambria Inclined Plane Co.[2] ... C-X
Carlisle & Mt. Holly Rys. Co ... C-X
Centre & Clearfield Ry. Co ... C-Z
Chambersburg, Greencastle & Waynesboro St. Ry. Co ... C-X
Blue Ridge Railway Co.
Chambersburg & Shippensburg Ry. Co. ... C-X
Citizens Traction Co ... B-X
Conestoga Traction Co ... A-X
Christiana & Coatsville St. Ry. Co.
Elizabethtown & Florin St. Ry. Co.
Ephrata & Adamstown St. Ry. Co.
Lancaster, Mechanicsburg & New Holland Ry. Co.
Lancaster, Petersburg & Manheim Ry. Co.
Lancaster, Willow Street, Lampeter, & Strasburg Ry. Co.
Lancaster & Eastern St. Ry. Co.
Lancaster & Quarryville St. Ry. Co.
Lancaster & Rock Springs Ry. Co.
New Holland, Blue Bell and Terre Hill St. Ry. Co.
Rohrerstown, Landisville & Mount Joy St. Ry. Co.
Duquesne Inclined Plane Co.[2] ... C-X
Duquesne & Dravosburg St. Ry. Co ... C-Z
*East Penn Electric Co ... B-X
*Erie Railways Co ... A-X
Fairchance & Smithfield Traction Co ... C-X
Fairmount Park Transit Co ... C-X
Hanover & McSherrystown St. Ry. Co. ... C-X

See footnotes on p. 210.

PENNSYLVANIA—Continued.

Harrisburg Rys. Co. ..... A-X
Citizens Passenger Ry. Co.
East Harrisburg Passenger Ry. Co.
Harrisburg City Passenger Ry. Co.
Harrisburg Traction Co.
Middletown, Highspire & Steelton St. Ry. Co.
Hershey Transit Co. ..... C-X
Homestead & Mifflin St. Ry. Co. ..... C-X
Huntingdon, Lewistown & Juniata Valley Traction Co. ..... C-Z
Indiana County St. Ry. Co. ..... C-X
Irwin-Herminie Traction Co. ..... C-X
Jefferson Traction Co. ..... C-Z
Jersey Shore Electric St. Ry. Co. ..... C-X
Johnstown Traction Co. ..... A-X
Johnstown & Somerset Ry. Co. ..... C-X
Lackwanna & Wyoming Valley R. R. Co.[3] ..... A-X
*Lancaster, Ephrata & Lebanon St. Ry. Co. ..... C-X
Lancaster & York Furnace St. Ry. ..... C-X
Lehigh Traction Co. ..... B-X
Lehigh Valley Transit Co. ..... A-X
Bethlehem & Nazareth Passenger Railway Co.
Easton Transit Company.
Norristown Transit Co.
Pennsylvania Motor Co.
Lewisburg, Milton & Watsontown Passenger Ry. Co.[16] ..... C-X
Lewistown & Reedsville Electric Ry. Co. C-X
*Mauch Chunk Transit Co. ..... C-X
Monongahela Inclined Plane Co.[3] ..... C-X
*New Castle Electric St. Ry. Co. ..... B-X
New Castle & Lowell Ry. Co. ..... C-X
Northampton Transit Co. ..... C-X
Northumberland County Ry. Co. ..... C-X
Northwestern Electric Service Co. of Penna. ..... C-X
Oley Valley Ry. Co. ..... C-X
Patterson Heights St. Ry. Co. ..... C-Z
Pennsylvania-New Jersey Ry. Co. ..... C-X
Pennsylvania & Maryland St. Ry. Co. C-Z
Peoples St. Ry. Co. of Nanticoke & Newport ..... C-X
Philadelphia Rys. Co. ..... C-X
Philadelphia Rapid Transit Co.[4] (elev. and sub.) ..... A-X
Beach St. Connecting Ry. Co.
Catherine & Bainbridge Sts. Ry. Co.
Centennial Passenger Ry. Co.
Champlost St. Connecting Ry. Co.
Chester & Philadelphia Ry. Co.
Citizens East End St. Ry. Co.
Citizens North End St. Ry. Co.
Citizens Passenger Ry. Co.
Continental Passenger Ry. Co.
Darby, Media & Chester St. Ry. Co.
Darby & Yeadon St. Ry. Co.
Doylestown & Willow Grove Ry. Co.
Electric Traction Co.
Empire Passenger Ry. Co.
Fairmount Park & Haddington Pass. Ry. Co.
Frankford Connecting Ry. Co.
Frankford & Southwark Philadelphia City Pass. R. R. Co.
Germantown Loop Ry. Co.
Germantown Pass. Ry. Co.
Girard Avenue Pass. Ry. Co.
Green & Coates Sts. Philadelphia Pass. Ry. Co.
Hestonville, Mantua, & Fairmount Pass. R. R. Co.
Hillcrest Avenue Pass. Ry. Co.
Huntingdon St. Connecting Pass. Ry. Co.
Kessler St. Connecting Pass. Ry. Co.
Lehigh Avenue Ry. Co.
Market St. Elevated Pass. Ry. Co.
Northern Pass. Ry. Co.
Pelham and Frankford St. Ry. Co.
Peoples Pass. Ry. Co.
Peoples Traction Co.
Philadelphia, Cheltenham & Jenkintown Pass. Ry. Co.
Philadelphia City Pass. Ry. Co.
Philadelphia Traction Co.
Philadelphia & Darby Ry. Co.

PENNSYLVANIA—Continued.

Philadelphia Rapid Transit Co.—Contd.
Philadelphia & Grays Ferry Pass. Ry. Co.
Philadelphia & Willow Grove St. Ry. Co.
Ridge Avenue Connecting Ry. Co.
Ridge Avenue Pass. Ry. Co.
Second & Third Sts. Pass. Ry. Co.
Seventeenth & Nineteenth Sts. Pass. Ry. Co.
Snyder Avenue Ry. Co.
Tioga & Frankford St. Ry. Co.
Thirteenth & Fifteenth Sts. Pass. Ry. Co.
Twenty-second St. & Allegheny Ave. Pass. Ry. Co.
Union Pass. Ry. Co.
Union Traction Co. of Philadelphia.
Walnut St. Connecting Pass. Ry. Co.
Wayne Junction Connecting Ry. Co.
West Philadelphia Pass. Ry. Co.
Philadelphia & West Chester Traction Co. ..... A-X
Ardmore & Llanerch St. Ry. Co.
Philadelphia & Garrettford St. Ry. Co.
Philadelphia & Western Railway Co.[3] B-X
Pittsburgh, Harmony, Butler, & New Castle Ry. Co. ..... B-X
Pittsburgh, Mars & Butler Ry. Co. ..... B-X
Pittsburgh Rys. Co. (sub.) ..... A-X
Allegheny, Bellevue & Perrysville Ry. Co.
Allegheny Traction Co.
Allenport and Roscoe Electric St. Ry.
Ardmore St. Ry. Co.
Aspinwall St. Ry. Co.
Ben Avon & Emsworth St. Ry. Co.
Birmingham, Knoxville & Allentown Traction Co.
Bon Air St. Ry. Co.
Brownsville Avenue St. Ry.
Cedar Avenue St. Ry. Co.
Central Pass. Ry. Co.
Central Traction Co.
Citizens Pass. Ry. Co.
Citizens Traction Co.
Consolidated Traction Co.
Duquesne Traction Co.
Duquesne St. Ry. Co.
East McKeesport St. Ry. Co.
Federal St. & Pleasant Valley Pass. Ry. Co.
Fort Pitt Traction Co.
Glenwood & Dravosburg Electric St. Ry. Co.
Grant & Liberty St. Ry. Co.
Highland Park & Butler St. Ry. Co.
McKeesport & Reynoldton Pass. Ry. Co.
Millvale, Etna, and Sharpsburg St. Ry. Co.
Monongahela St. Ry. Co.
Morningside Electric St. Ry. Co., The.
Mt. Oliver Incline Ry. Co.
Mt. Washington St. Ry. Co.
Penn St. Ry. Co.
Pittsburgh, Allegheny & Manchester Pass. Ry. Co.
Pittsburgh, Allegheny & Manchester Traction Co.
Pittsburgh, Canonsburg, & Washington Ry. Co.
Pittsburgh, Crafton & Mansfield St. Ry. Co.
Pittsburgh Incline Plane Co.
Pittsburgh, Neville & Coraopolis Ry. Co.
Pittsburgh Southern St. Ry. Co.
Pittsburgh Traction Co.
Pittsburgh Union Pass. Ry. Co.
Pittsburgh & Birmingham Pass. Ry. Co.
Pittsburgh & Birmingham Traction Co.
Pittsburgh & Castel Shannon R. R. Co.
Pittsburgh & Charleroi St. Ry. Co.
Pittsburgh & West End Pass. Ry. Co.
Second Avenue Pass. Ry. Co.
Second Avenue Traction Co.
Seventeenth St. Incline Plane Co.
South Side Pass. R. R. Co.

See footnotes on p. 210.

PENNSYLVANIA—Continued.
Pittsburgh Rys. Co.—Continued.
Suburban Rapid Transit St. Ry. Co.
Superior Ave. & Shady Ave., St. Ry. Co.
The Second Avenue Traction Co.
Transverse Pass. Ry. Co., The.
United Traction Co. of Pittsburgh.
Washington & Canonsburg Ry. Co.
West End Traction Co.
West Liberty St. Ry. Co.
West Liberty & Suburban St. Ry. Co.
West Shore Electric St. Ry. Co.
Pottstown Transit Co ..... C-X
Pottstown Pass. Ry. Co.
*Reading Transit Co ..... C-X
Adamstown & Mohnville Electric Ry. Co.
Citizens Pass. Ry. Co.
Collegeville Electric St. Ry. Co.
Conshohocken Ry. Co.
East Reading Electric Ry. Co.
Lebanon Valley St. Ry. Co.
Montgomery County Pass. Ry. Co.
Norristown Pass. Ry. Co.
Northeastern St. Ry. Co. of Reading.
Reading City Pass. Ry. Co., The.
Reading Traction Co.
Reading & Southwestern St. Ry. Co., The.
Reading & Temple Electric Ry. Co., The.
Roxborough Chestnut Hill & Norristown Ry. Co.
Schuylkill Valley Traction Co.
Trappe & Limerick Electric St. Ry. Co., The.
Wissahickon Electric Pass. Ry. Co.
St. Clair Incline Plane Co.[2] ..... C-X
Schuylkill Ry. Co ..... B-X
Schuylkill County Ry. Co.
Scranton Ry. Co ..... A-X
Scranton, Montrose & Binghamton R. R. Co.
Northern Electric St. Ry. Co.
Scranton & Binghamton Traction Co ..... C-X
Shamokin & Edgewood Electric Ry. Co ..... C-X
Shamokin Extension Elec. Ry. Co.
Shamokin & Mount Carmel Transit Co ..... C-X
Mt. Carmel & Locust Gap Transit Co.
Shenango Valley Traction Co ..... B-X
Southern Cambria Ry. Co ..... C-X
Southern Pennsylvania Traction Co ..... B-X
Chester, Darby & Philadelphia Ry. Co.
Chester & Eddystone St. Ry. Co.
Chester St. Ry. Co.
Chester Traction Co.
Chester & Delaware St. Ry. Co.
Chester & Media Electric Ry. Co.
Delaware County & Philadelphia Elec. Ry. Co.
Media, Glen Riddle, and Rockdale Elec. St. Ry. Co.
Union Railway Co. of Chester, Pa.
Stroudsburg Traction Co ..... C-X
Stroudsburg Pass. Ry. Co.
Stroudsburg Water Gap & Portland Ry. Co.
Sunbury, Selinsgrove Ry. Co.
Susquehanna Traction Co ..... C-X
Tarentum, Brackenridge & Butler St. Ry. Co ..... C-X
Trenton, Bristol & Philadelphia St. Ry. Co ..... C-X
Valley Rys ..... B-X
Warren Street Ry. Co ..... C-X
Warren & Jamestown St. Ry. Co ..... C-X
Waverly, Sayre & Athens Traction Co ..... C-X
Webster, Monessen, Belle Vernon & Fayette City St. Ry. Co ..... C-X
West Chester Street Railway Co ..... C-X
West Penn Railways Co ..... A-X
Kittanning & Leechburg Railway Co.
Pittsburgh & Allegheny Valley Traction Co.
Westside Electric St. Ry. Co ..... C-X
Westmoreland County Railway Co ..... C-X
Whitehall Street Railway Co ..... C-X

PENNSYLVANIA—Continued.
Wilkes-Barre Railway Corp ..... A-X
Coalville Passenger R. R. Co.
Nanticoke St. Ry. Co.
Pittston Moosic & Pleasant Valley St. Ry. Co.
Pittston St. Car Co.
Pittston & Avoca St. Ry. Co.
Plymouth St. Ry. Co.
Plymouth & Larksville Ry. Co.
West Pittston and Wyoming St. Ry. Co.
Wilkes-Barre Dallas and H. Lake Ry. Co.
Wilkes-Barre & East Side Ry. Co.
Wilkes-Barre & Hanover Street Ry. Co.
Wilkes-Barre & Kingston Passenger Ry. Co.
Wilkes-Barre & Luzerne St. Ry. Co.
Wilkes-Barre & Plains St. Ry. Co.
Wilkes-Barre & Suburban St. Ry. Co.
Wilkes-Barre & West Side Ry. Co.
Wilkes-Barre & Wyoming Valley Traction Co.
*Wilkes-Barre & Hazelton Ry. Co.[3] ..... B-X
Wilkes-Barre Terminal R. R. Co.
*Williamsport Rys. Co ..... B-X
Woodlawn & Southern St. Ry. Co.[9] ..... C-X
York Rys. Co ..... B-X

RHODE ISLAND:
United Electric Rys. Co. (sub.) ..... A-X

SOUTH CAROLINA:
Columbia Railway, Gas & Electric Co ..... C-Z
*Mt. Pleasant Railroad Co ..... C-Z
Piedmont & Northern Ry. Co ..... A-X
South Carolina Gas & Electric Co ..... C-X
*South Carolina Power Co ..... B-X
Southern Public Utilities Co ..... B-X

SOUTH DAKOTA:
Sioux Falls Traction System ..... C-X

TENNESSEE:
Chattanooga Traction Co ..... C-X
Citizens Ry. Co ..... C-X
Jackson Ry. & Light Co ..... C-X
Johnson City Traction Corp ..... C-X
Knoxville Power & Light Co ..... B-X
Lookout Incline Ry. Co.[2] ..... C-X
Lookout Mountain Ry. Co ..... C-X
Memphis Street Ry. Co ..... A-X
Memphis & Lake View Ry. Co ..... C-X
Nashville Interurban Ry.[16] ..... C-X
Nashville Ry. & Light Co ..... A-X
Tennessee Electric Power Co ..... B-X
Union Traction Co ..... C-X

TEXAS:
Abilene Traction Co ..... C-X
Austin Street Ry. Co ..... B-X
*Bryan College Traction Co ..... C-X
*Dallas Ry. & Terminal Company ..... A-X
Eastern Texas Electric Co ..... B-X
El Paso Electric Ry. Co ..... B-X
Galveston Electric Co ..... B-X
Galveston-Houston Electric Ry. Co ..... B-X
Houston Electric Co ..... A-X
Laredo Electric & Ry. Co ..... C-X
Northern Texas Traction Co ..... A-Y
Nueces Ry. Co ..... C-X
Paris Transit Co ..... C-Z
Port Arthur Traction Co., Inc ..... C-X
*Roby & Northern R. R. Co ..... C-X
San Antonio Public Service Co ..... A-X
Tarrant County Traction Co ..... C-Y
Texas Electric Ry ..... A-X
*Texas Interurban Ry ..... C-X
Wichita Falls Traction Co ..... C-X

UTAH:
Bamberger Electric R. R. Co ..... B-X
Salt Lake, Garfield & Western Ry. Co ..... C-X
Salt Lake & Utah R. R. Co ..... B-X
Salt Lake Terminal Co.
Utah-Idaho Central R. R. Co ..... B-X
Utah Light & Traction Co ..... A-X
Utah Rapid Transit Co ..... C-X

VERMONT:
Burlington Traction Co ..... C-X
Mt. Mansfield Electric R. R. Co ..... C-X
*Springfield Terminal Ry. Co ..... C-X
Springfield Electric Ry. Company of New Hampshire.
*Vergennes Power Co ..... C-Z
*Vermont Co ..... C-X

See footnotes on p. 210.

VIRGINIA:
- Charlottesville & Albemarle Ry. Co.... C-X
- *Arlington & Fairfax Ry. Co.[7]..... B-X
- Department of Public Utilities (City of Radford) [1]..... C-X
- Danville Traction & Power Co..... C-X
- *Hampton & Langley Field Ry. Co..... C-X
- Lynchburg Traction & Light Co..... B-X
- Mill Mountain Incline (Inc.) [2]..... C-X
- *Mt. Vernon, Alexandria & Washington Ry. Co.[7]..... B-X
- *Petersburg, Hopewell & City Point Ry. Co..... C-X
- Richmond-Ashland Ry. Co..... C-X
- Roanoke Ry. & Electric Co..... B-X
- *Sandston Ry. Co..... C-X
- Shenandoah Traction Co..... C-X
- Tazewell St. Ry. Company..... C-X
- *Virginia Electric & Power Co..... A-X
- *Virginia Public Service Co. (Eastern Div.)..... B-X
- Washington & Old Dominion Ry..... B-X

WASHINGTON:
- Grays Harbor Ry. & Light Co..... C-X
- Lewiston, Clarkston Transit Co..... C-X
- Pacific Northwest Traction Co..... B-X
- Pacific Traction Co..... C-X
- Puget Sound Electric Ry.[3] (elev. and sub.)..... B-X
- Puget Sound International Ry. & Power Co..... C-X
- Puget Sound Power & Light Co. (northern district)..... C-X
- Puget Sound Power & Light Co. (southern district)..... C-X
- Puget Sound Power & Light Co. (southwestern district)..... C-X
- Seattle Municipal St. Ry.,[1 4] (elev.)..... A-X
- Seattle & Rainier Valley Ry. Co..... B-X
- *Spokane, Coeur d'Alene & Palouse Ry. Co..... B-X
- Spokane United Rys..... A-X
- *Tacoma Public Utilities Belt Line Division [1]..... C-X
- Tacoma Railway & Power Co.[4]..... A-X
- Walla Walla Valley Ry. Co..... C-X
- Willapa Electric Co..... C-X
- Yakima Valley Transportation Co..... C-X

WEST VIRGINIA:
- Charleston Interurban R. R. Co..... B-X
- *Monongahela West Penn Public Service Co..... A-X
- *Mozart Park Ry. Co..... C-X
- Newell Bridge & Ry. Co..... C-X
- *Newell Street Ry Co. of Ohio.*
- Ohio Valley Electric Ry. Co..... B-X
- Princeton Power Co..... C-Y
- Tygarts Valley Traction Co..... C-X
- Tyler Traction Co..... C-X
- Wheeling Public Service Co..... B-X
- Wheeling Traction Co..... A-X
- *Pan Handle Traction Co.*
- *Steubenville, Wellsburg & Weirton Ry. Co.*
- *Steubenville & Wheeling Traction Co.*
- *Steubenville Railway Co.*

WISCONSIN:
- Beloit Traction Co..... C-X
- Chicago, Harvard, & Geneva Lake Ry. Co..... C-X

WISCONSIN—Continued.
- Chicago & Milwaukee Elec. Ry. Co.... C-X
- Janesville Traction Co..... C-X
- Lake Superior District Power Co..... C-X
- Madison Railways Co..... B-X
- Milwaukee Electric Railway & Light Co..... A-X
- Milwaukee Northern Railway Co..... B-X
- *Mississippi Valley Public Service Co... C-X
- *La Crosse & Onalaska St. Ry. Co.*
- *Northern States Power Co..... C-X
- Wisconsin Gas & Electric Co..... C-X
- *Wisconsin-Michigan Power Co..... C-X
- *Wisconsin Power & Light Co..... B-X
- Wisconsin Public Service Corp..... C-X
- Wisconsin Rapids Street Railroad Co.. C-X
- Wisconsin Valley Electric Co..... C-X

OUTLYING POSSESSIONS

HAWAII:
- Honolulu Rapid Transit Co. (Ltd.).... A-X

PHILIPPINE ISLANDS:
- *Manila Electric Co..... A-Y

PORTO RICO:
- Ponce Electric Co..... C-Y
- Porto Rico Railway, Light & Power Co. C-X

ELECTRIFIED DIVISIONS OF STEAM ROADS

- Butte, Anaconda & Pacific Ry. Co.[9]
- [a]Chicago, Milwaukee & St. Paul Ry.
- [a]Erie R. R. Co.
- Fonda, Johnstown & Gloversville R. R. Co.
- *[a]Great Northern Ry. Co.
- *[a]Hoboken Manufactures R. R. Co.
- *[a]Houston North Shore Ry. Co.
- *Illinois Central R. R. Co.
- [a]Long Island R. R. Co., The.[3]
- [a]New York Central R. R. Co., The.[17]
- [a]New York Connecting R. R. Co., The.
- [a]New York, New Haven & Hartford R. R. Co., The.[3]
- Norfolk Southern R. R. Co.
- [a]Norfolk & Western Ry. Co.
- [a]Northwestern Pacific R. R. Co.[14]
- Pacific Coast Ry. Co.
- Pennsylvania R. R. Co.[9]
- *Pennsylvania Tunnel & Terminal R. R. Co.[8]
- [b]St. Louis Water Works Ry.
- Sand Springs Ry. Co.[9]
- *Southern Pacific Co. (East Bay Electric Div.).
- *Southern Pacific Co. (Eugene St. Rys.).
- *Southern Pacific Co. (Salem St. Ry.).
- *Southern Pacific Co. (West Linn St. Ry.).
- *Southern Pacific Co. (Portland Interurban Lines).
- *Staten Island Rapid Transit Ry. Co., The.[14]
- Tidewater Southern Ry. Co.[9]
- *[a]Virginian Ry. Co., The.
- [a]West Jersey & Seashore R. R. Co.[8]

ELECTRIFIED TUNNELS AND STEAM ROADS

- Baltimore & Ohio R. R. Co.[14]
- Boston & Maine R. R.
- *Detroit River Tunnel Co.[3]
- *Canadian National Rys.

MISCELLANEOUS

- Chicago Tunnel Co.
- Chicago Warehouse & Terminal Co.

[a] Physical data only.

[b] Owned by St. Louis Water Department and operated for transportation of coal, supplies, employees, and some revenue passengers for accommodation. Freight is handled by steam and passengers by electric cars.

1. Municipal.
2. Cable.
3. Overhead trolley and third rail.
4. Overhead trolley and cable.
5. Overhead trolley, gas-electric, cable, and steam.
6. Overhead trolley and gas-electric cars.
7. Overhead trolley and conduit.
8. Gasoline-engine cars.
9. Overhead trolley and steam.
10. Storage-battery cars.
11. Gas-electric. Power equipment comprises internal-combustion engine, electric generator, storage battery, and motors.
12. Conduit and storage-battery cars.
13. Conduit.
14. Third rail.
15. Overhead trolley, and 1.20 miles nonelectrified track.
16. Overhead trolley and gasoline-engine cars.
17. Third rail and steam.

APPENDIX

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Schedule used in securing data for electric railways, operating companies, 1927	212
Schedule used in securing data for electric railways, nonoperating and lessor companies, 1927	217
Schedule used in securing data for electric railways, motor-bus operation, 1927	218

Form 2011

File No. _____

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
WASHINGTON

CENSUS OF ELECTRIC RAILWAYS, 1927

OPERATING COMPANIES

All electric railways, and all street railroads irrespective of kind of motive power, should be reported on this schedule. Nonoperating and lessor railway companies should be reported on schedule Form 2012.

NAME OF COMPANY _____

_____

STATE IN WHICH OPERATED _____

ADDRESS OF GENERAL OFFICE: Street and number _____
City or post office _____ State _____

POST OFFICE OF LOCAL OPERATING OFFICE _____

AUTHORIZATION

An Act of Congress approved June 7, 1906, authorizes the Director of the Census to collect, at five-year intervals, statistics relating to electrical industries. An Act approved March 3, 1919, directs that it shall be the duty of every owner, official, agent, person in charge, or assistant to the person in charge of any company or establishment covered by the census inquiry, to furnish the information called for by any schedule prepared under the authority of the census law.

The statistics should relate to the calendar year ended December 31, 1927.

The information given in your reports will be held in strict confidence.

No publication will be made disclosing the name or operations of individual railways.

No one not a sworn employee of the Bureau of the Census will be permitted to examine the individual reports.

W. M. STEUART,
Director of the Census.

CERTIFICATE

THIS IS TO CERTIFY that the information contained in this report is complete and correct to the best of my knowledge and belief, and that it covers the period from _____, 192

to _____, 192

_____
(Signature and official designation of the person furnishing the information)

_____
(Address of person furnishing the information)

_____
(Signature of Special Agent)

9-8781

(OVER)

Each question should be answered. If not applicable, write "None"

In a case of an electric light and power plant operated in connection with an electric railway, a separate report for the electric light and power service should, if possible, be made on schedule Form 2001. If it is impossible to make complete separate reports, a consolidated report may be made on this schedule. See inquiries 3 and 18.

If busses or bus lines are operated in connection with electric railways, data for such busses or bus lines should be reported on this schedule in answer to the appropriate inquiries, and, in addition, a separate report should be made on Form 2013. (See accompanying instructions.)

1. Write on the last page the names of all companies reorganized, consolidated, or merged into the reporting company since December 31, 1917.
2. Write on the last page the names and addresses of subsidiary or leased companies for which operating report is included in this return. (If a nonoperating and lessor company, separate report must be made on schedule Form 2012.)
3. Is electric current generated for sale for light or power? _____ If so, is there a separate power plant or line construction? _____ Are data for power plant included in this report? _____
   If data for power plant are not included, has separate report been made on Form 2001? _____
4. Are motor busses or motor-bus lines operated directly by reporting company? _____
   By a subsidiary company? _____
5. Track. (For "leased" give the track leased for the sole use of the reporting company; for "trackage rights or contract" give the track used jointly with other companies under such arrangement. (The totals reported for the different sections must agree and each account for the total track operated.) If track is owned jointly with other companies, make a note of the fact and give the names of the companies and the miles of track OWNED in this manner.)

	Miles (and decimals of a mile)					
	Owned	Leased		Operated under trackage rights or contract		Total operated
		From electric companies	From steam companies	From electric companies	From steam companies	
Road or first track						
Second track						
Other main track (third, fourth, etc.)						
Total main track						
Sidings and turnouts						
Total running track						
Tracks in car houses, storage yards, etc.						
Total of all tracks						

Track owned (included above) but not operated by reporting company: *Leased* to _____, miles _____; *idle*, miles _____

Nonrail-service motor-bus lines: Number of lines operated by reporting company _____; miles of route (round trip) _____

Classification by motive power	Miles of track			Classification by location	Total miles of track operated
	Owned or leased	Operated under trackage rights	Total operated		
Overhead trolley				City and suburban lines	
Conduit trolley				Interurban lines	
Third rail				Surface:	
Self-propelled cars:				On public throughfares	
Kind				On private right of way owned or leased (by reporting company)	
Cable				On private right of way not owned nor leased, including that operated under trackage rights or contract	
Steam				Elevated	
Animal				In subways and tunnels	
Other (kind _____)				(Not to include elevated or depressed tracks for crossings of other lines solely.)	
Total (should agree with total of all tracks operated)					

Track operated with two motive powers duplicated in above detail:
Kind: _____ and _____, miles _____

6. If track extends into more than one State, give number of miles in each State:

	State				Total operated
Running track					
Track in car houses, storage yards, etc.					

(2)

Each question should be answered. If not applicable, write "None"

7. Accidents. (An accident so trivial as not to cause the death or injury of any person should not be reported; nor should any accident be reported which does not arise from the operation of a railroad.)

	Employees of company[1]	Passengers	All other persons	Total number
Killed or died from injuries				
Injured but not killed				

[1] Accidents to employees resulting in slight injuries, which do not, for more than three days in the aggregate during the ten days immediately following the accident, prevent the employee injured from rendering his customary service, should not be reported.

8. Cars. (Account for all cars operated, ready for operation, or being repaired. Report as motors, freight, mail, and baggage cars only those devoted exclusively to those specified uses. Parlor, sleeping, dining, and private cars should be included as passenger cars. Report equipment according to class of service.)

	Motor cars		Trail cars		Total number	
	Single truck	Double truck	Single truck	Double truck	Single truck	Double truck
I. City and suburban service						
Revenue cars, total						
Passenger cars, total						
1-man cars—(1) Built for 1-man operation						
(2) Converted						
2-man cars						
1-man-2-man cars						
Combination cars—passenger with baggage, express, freight, or mail						
Freight, express, and baggage cars						
Mail cars						
Nonrevenue (service) cars						
Work cars						
Sweepers						
Sprinklers						
Snow plows						
Total city and suburban cars						
II. Interurban service						
Revenue cars, total						
Passenger cars, total						
1-man cars—(1) Built for 1-man operation						
(2) Converted						
2-man cars						
1-man-2-man cars						
Combination cars—passenger with baggage, express, freight, or mail						
Freight, express, and baggage cars						
Mail cars						
Nonrevenue (service) cars, total						
Work cars						
Sweepers						
Sprinklers						
Snow plows						
Total interurban cars						

Each question should be answered. If not applicable, write "None"

8. Cars—Continued.

III. Special data

Special cars (included above as passenger cars but here shown separately):

(1) Parlor..... (2) Sleeping..... (3) Dining..... (4) Private.....

(5) Other (kind.....)..... ; ..... ; .....

Passenger cars only:	City and suburban	Interurban
Type:		
Closed		
Open		
Convertible or semiconvertible (closed and open)		
Construction:		
All steel		
Steel—wood		
All wood		
Brake equipment:		
Air		
Other power		
Hand only		

Electric locomotives..... Busses..... (Include only those busses operated directly by railway-operating company)

9. Prime movers. (Give names and locations of separate generating plants.)

(Include all prime movers in all plants covered by the report, and give the total horsepower for each class in the several groups.)

Size groups	Steam turbines		Steam engines other than turbines		Internal-combustion engines		Water wheels and turbines	
	Number	Aggregate horsepower	Number	Aggregate horsepower	Number	Aggregate horsepower	Number	Aggregate horsepower
500 h. p. or under								
Over 500 h. p. and under 2,000 h. p.								
2,000 h. p. and under 5,000 h. p.								
5,000 h. p. and under 20,000 h. p.								
20,000 h. p. and over								
Total								

Each question should be answered. If not applicable, write "None"

10. Fuel used. Report the quantity of each kind of fuel used during the year in your power plant.

	Unit of measure	Quantity
Coal, anthracite	Ton (2,240 lbs.)	
Coal, bituminous	Ton (2,000 lbs.)	
Coke	Ton (2,000 lbs.)	
Fuel oil (do not include gasoline or kerosene)	Barrel (42 gals.)	
Gas: Natural	1,000 cu. ft.	
Manufactured	1,000 cu. ft.	

11. Generators (main and reserve units only). Omit station-service generators.
Give the total number and the total rated capacity in kilowatts of each type of generator. If rated in kilovolt-amperes (KVA), give estimated equivalent in kilowatts.

Motive power	Alternating current						Direct current	
	25-cycle		60-cycle		Other frequencies			
	Number	Total rated capacity in kilowatts	Number	Total rated capacity in kilowatts	Number	Total rated capacity in kilowatts	Number	Total rated capacity in kilowatts
Steam turbines								
Steam engines								
Internal-combustion engines								
Water wheels and turbines								
Total								

Are generators rated in KVA? ..... If so, is capacity reported in KW equivalent? .....

12. Electric energy for disposal.

Net output of generating stations (excluding station use)		Energy received from other sources	
Prime movers	Kilowatt hours	Source	Kilowatt hours
Steam		Purchased from public-utility electric systems, including electric railways: In same State	
		In other States	
Water		Purchased from other sources (manufacturing plants, etc.): In same State	
		In other States	
Internal-combustion		Received from plants of same system located in other States	
Total		Total	

GRAND TOTAL KILOWATT HOURS FROM ALL SOURCES .....

Each question should be answered. If not applicable, write "None"

13. Traffic and mileage. (In computing car or bus mileage the individual car should be considered the unit. A motor and one trail car may be treated as a unit if this is the practice of the company. In that case, please state this fact on the last page of the schedule. These mileage should not be reported in units.)

	Motor-bus lines (number)	Car lines (number)
(A) Revenue passengers carried		
Transfer passengers carried:		
Pay-transfer		
Free-transfer		
Free passengers carried (estimate total number)		
Total passengers carried		
(B) Revenue-car mileage of passenger cars (including combination passenger with baggage, express, or mail)		
Revenue-car mileage of express, mail, and freight cars		
Nonrevenue car mileage		
Total car mileage		
Motor-bus service: Bus mileage		
(C) Revenue-car hours of passenger cars (including combination passenger with baggage, express, or mail)		
Revenue-car hours of express, freight, and mail cars		
Nonrevenue car hours		
Total car hours		
Motor-bus service: Bus hours		
(D) Number of cars required for base schedule ..... ; for peak schedule		
Number of buses required for base schedule ..... ; for peak schedule		
(E) Revenue passengers per mile of track operated		
Revenue passengers carried per revenue-passenger car-mile		
Revenue passengers carried per revenue-passenger car-hour		
(F) Fare charged per passenger within city limits ..... Fare		
(If line operates in two or more cities, give names of cities and fare charged in each. If reduced fare is granted by sale of tickets or otherwise, give each rate, with short statement of facts)		
(G) Freight handled during the year, tons		

FINANCIAL STATISTICS

The following inquiries relating to financial operations conform generally to the system of accounting adopted by the United States Interstate Commerce Commission and by the American Electric Railway Accountants' Association. The marginal numbers correspond to the account numbers given in the official classifications of accounts used by the Interstate Commerce Commission. All companies, irrespective of their size, should report on this form.

14. Income statement. (Give net of revenue and expense for income account statement. Items may include income and expense not actually received or paid during the year, and items received or paid during the year may be omitted. If necessary to show the income from each source enumerated, give careful estimates, and state that they are estimates.)

I. C. C. account	I—OPERATING INCOME	
201	Railway-operating revenues	$
213	Railway-operating expenses	
	Net revenue (deficit in red)—Railway operations	
202	Auxiliary operations—Revenues	
214	Auxiliary operations—Expenses	
	Net revenue (deficit in red)—Auxiliary operations	
	NET OPERATING REVENUE (DEFICIT IN RED)	
215	Taxes assignable to railway operations:	
	Federal ..... $	
	State ..... $	
	County and local ..... $	
	OPERATING INCOME (DEFICIT IN RED)	

Each question should be answered. If not applicable, write "None"

14. Income statement—Continued.

I. C. C. numerals		
	II—NONOPERATING INCOME	
203–204	Income from lease of road and miscellaneous rent income	$
205	Net income from miscellaneous physical property	
206	Dividend income	
207	Income from funded securities	
208–212	Other nonoperating income	
	Total nonoperating income	
	GROSS INCOME	
	III—DEDUCTIONS FROM GROSS INCOME	
216	Rent for leased roads	
217	Miscellaneous rents	
218	Miscellaneous taxes	
220	Interest on funded debt	
221	Interest on unfunded debt	
223	Income transferred to other companies	
219, 222, 224, 225	Other debits	
	Total deductions from gross income	
	NET INCOME (DEFICIT IN RED)	
	IV—PROFIT AND LOSS STATEMENT	
301	Balance at beginning of year (deficit in red)	
302	Credit balance from income recount	
303–308	Other credits	
	Total credits	
309	To sinking fund and other reserves	
310	Dividend appropriations (on Pre. stock, $; on C. stock, $	
311–317	Other appropriations of net income	
	Total appropriations of surplus	

15. Railway operating revenues.

I. C. C. numerals		
	I. REVENUE FROM TRANSPORTATION:	
101	Passenger revenue	$
102, 105, 106	Baggage, express, and milk revenue	
103	Parlor, sleeping, dining, and special car revenue	
104	Mail revenue	
107	Freight revenue	
108, 109	Other transportation revenue (switching and miscellaneous)	
	II. REVENUE FROM OTHER RAILWAY OPERATIONS:	
115–117	Rent from tracks and facilities, equipment, buildings, and other property	
118	Power revenue	
110–114, 119	Other revenues (station and car privileges, parcel room, storage, demurrage, telegraph and telephone, miscellaneous)	
	TOTAL RAILWAY OPERATING REVENUES (Inq. 13–201)	

Each question should be answered. If not applicable, write "None"

16. Railway operating expenses.

Account	Amount
I. WAY AND STRUCTURES:	
1. Superintendence of way and structures	$
2–19. Maintenance of way	
20–23. Maintenance of electric lines	
24. Buildings, fixtures, and grounds	
25. Depreciation of way and structures	
26, 27. Other operations {For adjustment with lighting plant or other department if separate accounts are kept.} Cr.	Dr.
TOTAL—WAY AND STRUCTURES	
II. EQUIPMENT:	
29. Superintendence of equipment	
30–34. Maintenance of equipment	
35–39. Miscellaneous equipment expenses	
40, 41. Depreciation of and retired equipment	
42, 43. Other operations {For adjustment with lighting plant or other department if separate accounts are kept.} Cr.	Dr.
TOTAL—EQUIPMENT	
III. POWER:	
45. Superintendence of power	
46. Power-plant buildings, fixtures, and grounds	
47–49. Maintenance of power equipment	
50. Depreciation of power-plant buildings and equipment	
52. Power-plant employees	
53. Fuel for power	
54. Water for power	
55, 58, 55. Other power supplies and expenses	
57. Substation employees	
59, 60. Power purchased and exchanged—Balance Cr.	Dr.
61, 62. Power transferred and other operations {For adjustment with lighting plant or other department if separate accounts are kept.} Cr.	Dr.
TOTAL—POWER	
IV CONDUCTING TRANSPORTATION:	
63. Superintendence of transportation	
64, 65. Conductors, motormen, and trainmen	
66–78. Miscellaneous transportation expenses	
TOTAL—CONDUCTING TRANSPORTATION	
V. TRAFFIC:	
79–82. Traffic expenses	
VI. GENERAL AND MISCELLANEOUS:	
83. Salaries and expenses of general officers	
84–89, 90, 91, 94–96. General expenses	
92. Injuries and damages	
93. Insurance	
97, 98. Rent of tracks, facilities, and equipment	
99, 100. Other operations {For adjustment with lighting plant or other department if separate accounts are kept.} Cr.	Dr.
TOTAL—GENERAL AND MISCELLANEOUS	
VII. TRANSPORTATION FOR INVESTMENT Cr.	

RECAPITULATION OF EXPENSES:	Totals, as above	Credits	Net totals
I. Way and structures	$	$	$
II. Equipment			
III. Power			
IV. Conducting transportation			
V. Traffic			
VI. General and miscellaneous			
TOTAL RAILWAY OPERATING EXPENSES (Inq. 14–213)			

Each question should be answered. If not applicable, write "None"

17. Balance sheet.

I. C. C. account no.	Assets: Kind	Amount	I. C. C. account no.	Liabilities: Kind	Amount
401	Road and equipment	$	425	Capital stock: Common	$
404	Other physical property			Capital stock: Preferred	
	Stocks and bonds of other electric-railway companies			Capital stock: Debenture	
	Stocks and bonds of companies other than electric-railway		427–429	Funded debt	
403, 406, 421, 422	Treasury securities: Stock			Real-estate mortgages	
	Treasury securities: Bonds		430	Floating debt (loans and notes)	
	Other permanent investments (specify)		432, 441, 442, 444	Reserves	
411	Materials and supplies		431, 433, 434, 434	Accounts payable	
407–408, 410–412	Cash and notes and accounts receivable		433, 435, 436	Interest, rents, and taxes due and accrued	
				Dividends due	
417, 419	Stock and bond discount		425, 446	Premium on capital stock and funded debt	
402, 403	Sinking and other special funds		443, 445	Accrued depreciation	
412	Interest, dividends, and rents receivable			Sundries, (specify principal items)	
413–416, 418, 420	Sundries (specify principal items)		424, 426, 438, 440–449		
	Profit and loss deficit		451	Profit and loss surplus	
	Total			Total	

18. Employees, salaries, and wages.

The salaries and wages reported here should be the total amounts paid during the year and should also be included in the amounts reported for the different items under Inquiry 15.

Account for all regular officers and employees, whether engaged on maintenance, operation, canvassing, collecting, or otherwise.

Salaried officers of corporations should include president, vice president, secretary, assistant secretaries, treasurer, assistant treasurers, general auditor, assistant general auditors, auditors, assistant auditors, counsel, and similar officials.

Managers and superintendents should include general managers, assistant general managers, general superintendents, assistant general superintendents, superintendents, assistant superintendents, superintendents of maintenance of way, superintendents of construction, and similar employees.

Clerks and stenographers and other salaried employees should include clerks, stenographers, civil engineers, electrical engineers, mechanical engineers, purchasing agents, makers, chain men, dispatchers, starters, inspectors, master mechanics, and similar employees.

Overseers and foremen performing work similar to men over whom they have charge, must be included with wage earners. Those whose duties are wholly supervisory should be reported as salaried employees.

If possible, give number employed on *June 30, 1927, or the last weekly pay roll for the month.* If data are not available for that day or month, give the date for nearest representative or normal day, and state day and month here .....

	Number June 30, 1927	Salaries and wages for year
SALARIED EMPLOYEES:		
Salaried officers of corporation		$
Managers and superintendents		
Clerks, stenographers, and other salaried employees		
TOTAL FOR SALARIED EMPLOYEES		
WAGE EARNERS:		
Conductors		
Motormen		
Operators, one-man cars		
Operators, busses		
All other employees (Do not include employees engaged exclusively on additions or extensions.)		
TOTAL FOR WAGE EARNERS		

Each question should be answered. If not applicable, write "None"

19. Disposal of energy.

ELECTRIC LIGHT AND POWER PLANT, operated in conjunction with railway (to be reported when it is not the subject of a separate report).

INCOME FROM ELECTRIC LIGHT AND POWER DEPARTMENT, included as a total under Inquiry 14 (Income statement, account 202, "Auxiliary operations")—

Classification of sales	Number of customers	Kilowatt hours	Revenue
I—SALES			
Sales to ultimate consumers:			
Farm service (all uses)			$
Domestic service (all uses)			
Commercial service—			
(a) Small light and power (retail)			
(b) Large light and power (wholesale)			
Municipal street lighting			
Railroads—motive power—			
(a) Street and interurban railways			
(b) Electrified divisions of steam railroads			
Total to ultimate consumers			$
Sales for resale:			
Municipalities in this State			$
Other electric companies in this State			
Sold at State line			
Total for resale			$
Total sales			$
II—NONREVENUE			
Free service	x x x x x x x		x x x x x x x x x x x
Energy used by reporting company	x x x x x x x		x x x x x x x x x x x
Energy lost in transmission, distribution, conversion, etc.	x x x x x x x		x x x x x x x x x x x
Current exported from State, not reported as sold	x x x x x x x		x x x x x x x x x x x
GRAND TOTAL SOLD, USED, LOST, AND EXPORTED (to agree with "Total KWH from all sources," Inquiry 3)	x x x x x x x		x x x x x x x x x x x

REMARKS: .....

8574—31——15

Form 2012

File No.

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
WASHINGTON

CENSUS OF ELECTRIC RAILWAYS, 1927

NONOPERATING AND LESSOR COMPANIES

Nonoperating and lessor electric-railway and street-railroad companies should be reported on this schedule. This class includes all companies that have leased their properties for a given period at a definite rental, or under an agreement for the payment of the interest on the bonds and fixed dividends on the stock of the lessor company, or under some other arrangement that relieves the lessor of the supervision of operation.

Operating companies should be reported on schedule Form 2011. If properties are leased to two or more operating companies, a separate report should be made on this schedule for each.

NAME OF COMPANY _____

STATE IN WHICH OPERATED _____

ADDRESS OF GENERAL OFFICE: Street and number _____ City _____ State _____

NAME AND ADDRESS OF OPERATING COMPANY _____

AUTHORIZATION

An Act of Congress approved June 7, 1906, authorizes the Director of the Census to collect, at five-year intervals, statistics relating to electrical industries. An Act approved March 3, 1919, directs that it shall be the duty of every owner, official, agent, person in charge, or assistant to the person in charge, of any company or establishment covered by the census inquiry, to furnish the information called for by any schedule prepared under the authority of any census law.

The statistics should relate to the calendar year ended December 31, 1927

The information given in your reports will be held in strict confidence.

No publication will be made disclosing the names or operations of individual railways.

No one not a sworn employee of the Bureau of the Census will be permitted to examine the individual reports.

W. M. STEUART,
Director of the Census.

CERTIFICATE

THIS IS TO CERTIFY that the information contained in this report is complete and correct to the best of my knowledge and belief, and it covers the period from _____, 192 ,

to _____, 192

_____
(Signature and official designation of the person furnishing the information)

_____
(Signature of Special Agent)

_____
(Address of person furnishing the information)

8-5778 (OVER)

1. TRACK.	MILES (AND DECIMALS OF A MILE)
Road or first track	
Second and other main tracks (third, fourth, etc.)	
TOTAL MAIN TRACK	
Sidings and turnouts	
Track in car houses, storage yards, etc.	
TOTAL OF ALL TRACKS	
Track, included above, not leased (idle track)	

2. INCOME ACCOUNT.—Give actual amounts carried on income account statement of company. These may include incomes and expenses not actually received or paid during the year, and therefore need not agree with a cash statement.

INCOME:	
Rentals from operating companies (including interest and dividends paid direct by operating companies)	$
Miscellaneous income (specify principal items)	$
	$
GROSS INCOME	$
DEDUCTIONS FROM GROSS INCOME:	
Interest on funded debt	$
Other deductions (maintenance of organization, etc.)	$
	$
TOTAL DEDUCTIONS	$
SURPLUS ACCOUNT:	
Net income for the year	$
Dividends declared during the year	$
Balance from operations of year	$
Balance at beginning of year	$
ACCUMULATED BALANCE DECEMBER 31, 1927	$

3. BALANCE SHEET.

ASSETS			LIABILITIES		
I. C. C. NUMERALS	KIND	AMOUNT	I. C. C. NUMERALS	KIND	AMOUNT
401	Road and equipment	$	423	Capital stock: Common	$
404	Other physical property	$		Capital stock: Preferred	$
	Stocks and bonds of other electric-railway companies	$		Capital stock: Debenture	$
405, 406, 421, 422	Stocks and bonds of companies other than electric-railway	$	427–429	Funded debt	$
	Treasury securities: Stock	$		Real-estate mortgages	$
	Treasury securities: Bonds	$	430	Floating debt (loans and notes)	$
	Other permanent investments (specify)	$	437, 441, 442, 444	Reserves	$
		$	431, 432, 434, 436	Accounts payable	$
411	Materials and supplies	$	433, 435, 439	Dividends, interest, rents, and taxes due and accrued	$
407, 409, 410, 413	Cash and notes and accounts receivable	$	425, 440	Premium on capital stock and funded debt	$
417, 418	Stock and bond discount	$	443–445	Accrued depreciation	$
402, 403, 406	Sinking and other special funds	$		Sundries (specify principal items)	$
412	Interest, dividends, and rents receivable	$	424, 426, 438, 446–450		$
414–416, 419, 420	Sundries (specify principal items)	$			$
		$			$
		$			$
	Profit and loss deficit	$	451	Profit and loss surplus	
	TOTAL	$		TOTAL	$

Form 2013

File No.

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
WASHINGTON

CENSUS OF ELECTRIC RAILWAYS, 1927

MOTOR-BUS OPERATION

Report on this schedule the details of the bus operations of your company for the calendar year 1927. Where bus operations are a part of the electric-railway company's operations and not carried on by a separate company, so indicate in reply to Question No. 4 on the Electric Railways Schedule, and in addition fill out the following schedule.

If bus operations are carried on through a separate company, indicate this fact below by giving the name of such company followed by the name of the reporting electric-railway company. If bus operations are carried on partly through the electric-railway company and partly through a separate company, report each on a separate motor-bus schedule.

W. M. STEUART,
Director of the Census

Name of subsidiary motor-bus company .....

Name of controlling electric-railway operating company .....

1. (a) Number of routes operated ..... (b) Miles of route (round trip) .....

(c) Miles of street or highway served (one-way) .....

2. Motor-bus equipment:

	December 31, 1927
(a) Number of buses owned	
(b) Number of buses rented	
(c) Number of buses in operation	
(d) Average number of buses operated in scheduled service during the year	

(e) Classification of buses owned and rented as of December 31, 1927:

	Single-deck		Double-deck		Total single and double deck			
	Mechanical drive	Gas electric	Mechanical drive	Gas electric	Mechanical drive		Gas-electric	
					4-wheel	8-wheel	4-wheel	6-wheel
Owned								
Rented								

3. Traffic:

	Number
Revenue passengers	
Pay-transfer passengers	
Free-transfer passengers	
Free passengers (estimate total number)	
Total passengers	

4. Mileage:	Number	5. Bus hours:	Number
Revenue bus miles		Revenue bus hours	
Nonrevenue bus miles		Nonrevenue bus hours	
Total bus miles		Total bus hours	

6. Accidents:

	Employees of company	Passengers	All other persons	Total number
Killed or died from injuries				
Injured but not killed				

FINANCIAL STATISTICS

The following inquiries conform generally to the system of accounting adopted by the American Electric Railway Accountants' Association. The marginal numbers correspond to the account numbers given in the classification of bus accounts prescribed by that association. (An accompanying statement lists each account number and its title.)

7. Income statement[1]

A.E.R.A. accounts			
	OPERATING REVENUES		
1201	Passenger revenue	$	
1202-1203	All other transportation revenues	$	
1201-1206	Total transportation revenues	$	
1210-1214	Miscellaneous operating revenues	$	
1401	Total operating revenues (1201-1214)	x x x x x x x x x	$
	OPERATING EXPENSES		
1304-1305	Maintenance of bus bodies and chassis	$	
1311	Retirement expenses (depreciation)	$	
1301-1303, 1306-1310	All other maintenance of plant and equipment expenses	$	
1301-1311	Total maintenance of plant and equipment expenses	x x x x x x x x x	$
1315	Fuel for revenue vehicles	$	
1316-1318	All other operating garage expense	$	
1315-1318	Total operating garage expense	x x x x x x x x x	$
1321-1322	Bus drivers and conductors and freight, express, and mail truck drivers and helpers	$	
1320, 1323-1328	All other transportation expenses	$	
1320-1328	Total transportation expenses	x x x x x x x x x	$
1330-1332	Total traffic-promotion expense	x x x x x x x x x	$
1334-1338	(A) Administrative expenses	$	
1345	Injuries and damages	$	
1341-1344, 1346-1351	All other general expenses	$	
1341-1351	(B) Total general expenses	$	
1334-1351	Total administrative and general expenses (A plus B)		$
1403	Total operating expenses (1301-1351)		$
	Net operating revenue (1401 minus 1403)		$
1405	Taxes		$
	Operating income (net operating revenue minus taxes)		$
	Net income from auxiliary or affiliated operations (1402 minus 1404)		$
1407-1413	Nonoperating income		$
	Gross income (operating income plus net from auxiliary operations plus nonoperating income)		$
1414-1419	Income deductions		$
	Net income (gross income minus income deductions)		$

[1] Any deficit in the income statement should be noted in red.

2. Balance sheet.

ASSETS		LIABILITIES	
Investment in buses	$	Amount of capital stock:	
Investment in other property	$	Common	$
Current assets	$	Preferred	$
Other assets	$	Debenture or trust certificates	$
Total	$	Funded debt	$
		Current liabilities	$
		Other liabilities	$
		Reserves	$
		Corporate surplus or deficit	$
		Total	$

3. Employees, salaries, wages. (If possible, *give number employed on June 30, 1927, or the last weekly pay roll for that month.* It data are not available for that day or month, give the data for nearest representative or normal day, and state day and month here: _____)

	Number June 30, 1927	Salaries and wages for year
Salaried officers, managers, superintendents, clerks, stenographers, and other salaried employees (total)		$
Wage earners:		
Bus drivers		$
Conductors		$
All other employees		$
Total for wage earners		$

REMARKS _____

CERTIFICATE

THIS IS TO CERTIFY that the information contained in this report is complete and correct to the best of my knowledge and belief, and it covers the period from _____, 192 , to _____, 192

(Signature and official designation of the person furnishing the information)

(Signature of Special Agent) (Address of person furnishing the information)

(3)

CLASSIFICATION OF BUS INCOME AND OPERATING EXPENSE AND REVENUE ACCOUNTS

Please refer to this classification as a guide in filling out the attached questionnaire on bus operation. It shows definitely what items should be included under each of the accounts in the questionnaire.

[NOTE.—The A. E. R. A. A. (American Electric Railway Accountants Association) numbers shown at the left of the foregoing income statement correspond to the numerals at the left of each account name shown in the classification below. The I. C. C. (Interstate Commerce Commission) numbers given at the right of the item refer to the account numbers of the I. C. C. classification for electric railways.]

OPERATING-REVENUE ACCOUNTS

I. TRANSPORTATION REVENUES

A. E. R. A. A. — *Accounts No. 1201 to No. 1209*

1201 Passenger Revenue (I. C. C. 1201).
1202 Excess Revenue (non-set and paid) (I. C. C. -202).
1203 Special Chartered or Set Bus, Bus revenue (I. C. C. -203).
1204 U. S. Mail Revenue (on Buses) (I. C. C. -204).
1205 Express Revenue (I. C. C. -205).
1206 Freight Revenue (on freight trucks) (I. C. C. -206, -207).

II. MISCELLANEOUS OPERATING REVENUES

Accounts No. 1210 to No. 1219

1210 Revenue from Station and Bus Privileges (I. C. C. -210).
1211 Parcel Room Receipts (I. C. C. -211).
1212 Storage Revenue from Freight and Baggage (I. C. C. -212).
1213 Rent from Buildings and other Property (I. C. C. -213).
1214 Other Operating Revenue (I. C. C. -214, 215, 216, 217, 218, 219).

OPERATING-EXPENSE ACCOUNTS

I. MAINTENANCE OF PLANT AND EQUIPMENT

Accounts No. 1301 to No. 1321

1301 Superintendence of Plant and Equipment (I. C. C. -1, 38, 47).
1302 Miscellaneous Department Items (I. C. C. -47).
1303 Maintenance of Buildings, Fixtures, and Grounds Owned (I. C. C. -3, 39).
1304 Maintenance of Bus Bodies (I. C. C. -40).
1305 Maintenance of Bus Chassis (I. C. C. -41).
1306 Tires and Tubes.
1307 Maintenance of Freight, Express, and Mail Trucks (I. C. C. -4).
1308 Maintenance of Shop and Garage Equipment (I. C. C. -42).
1309 Maintenance and Operation of Service-Car Equipment (I. C. C. -5).
1310 Miscellaneous Shop Expense (I. C. C. -37).
1311 Retirement Expense (I. C. C. -7, 43).

II. OPERATING GARAGE EXPENSES

Accounts No. 1315 to No. 1318

1315 Fuel for Revenue Vehicles (I. C. C. -44).
1316 Lubricants for Revenue Vehicles (I. C. C. -44, 47).
1317 Garage Employees (I. C. C. -45).
1318 Garage Supplies and Expenses (I. C. C. -44, 47, 71, 38).

III. TRANSPORTATION
(Keeping the Buses on the Road)

Accounts No. 1325 to No. 1339

1325 Superintendence of Transportation (I. C. C. -48, 71).
1326 Bus Drivers and Conductors (I. C. C. -49).
1327 Freight, Express, and Mail Truck Drivers and Helpers (I. C. C. -49).
1328 Transportation Boards (I. C. C. -50).
1329 Station Expenses (I. C. C. -48, 51).
1330 Freight and Express Collection and Delivery (I. C. C. -71).
1331 Loss and Damage on Freight and Baggage (I. C. C. -72).
1332 Road Expenses (I. C. C. -53).
1333 Other Transportation Expenses (I. C. C. -42, 73).

IV. TRAFFIC PROMOTION
(Selling the Service)

Accounts No. 1350 to No. 1359

1350 Superintendence and Solicitation (I. C. C. -70).
1351 Advertising (I. C. C. -62).
1352 Traffic Rents (I. C. C. -73).

V. ADMINISTRATIVE AND GENERAL EXPENSES

(A) Administrative Expenses

Accounts No. 1360 to No. 1369

1361 Salaries and Expenses of Officers (I. C. C. -74).
1362 Salaries and Expenses of Clerks and Attaches (I. C. C. -74).
1364 General Office Expenses (I. C. C. -74).
1365 General Law Expenses (I. C. C. -74).
1366 Administrative Supplies and Expenses (I. C. C. -74).

(B) Other General Expenses

Accounts No. 1370 to No. 1379

1371 Employees' Welfare Expenses (I. C. C. -75).
1372 Vacation Expenses (I. C. C. -76).
1373 Supplementary Compensation Allowances (I. C. C. -77).
1374 Administration of Insurance, Pensions, Relief Funds and Insurance (I. C. C. -78).
1375 Injuries and Damages (I. C. C. -79).
1376 Insurance (I. C. C. -80).
1377 Worn-Room Tables and Fixtures (I. C. C. -81).
1378 Miscellaneous Expenses (I. C. C. -82).
1379 Joint Operating Expenses Transferred (I. C. C. -83).
1380 Rent of Equipment (I. C. C. -84).
1381 Other General Expenses (I. C. C. -85).

OPERATING INCOME

Accounts No. 1401 to No. 1409

1401 Operating Revenues (I. C. C. 1001) (Item of the Total of Accts. 1201-1214 Transportation Operating Revenue Accounts).
1402 Revenue from Miscellaneous Operations (I. C. C. -102).
1403 Operating Expenses (I. C. C. -103) (Item of the Total of Accts. 1301-1311 Maintenance of Plant and Equipment Accounts).
1404 Expenses Due to Attached or Subsidiary Operations (I. C. C. -104).
1405 Taxes (I. C. C. -105).

NONOPERATING INCOME

Accounts No. 1410 to No. 1419

1410 Miscellaneous Rent Income (I. C. C. -107).
1411 Net Income from Miscellaneous Physical Property (I. C. C. -108).
1412 Dividend Income (I. C. C. -109).
1413 Income from Securities and Advances Owned (I. C. C. -110, 111).
1414 Income from Sinking and Other Reserve Funds (I. C. C. -112).
1415 Profits of Participation in Funded Debt (I. C. C. -113).
1416 Other Miscellaneous Income (I. C. C. -114, 115).

INCOME DEDUCTIONS

Accounts No. 1418 to No. 1429

1418 Rent for Leased Property (I. C. C. -116, 117).
1419 Net Loss on Miscellaneous Physical Property (I. C. C. -118).
1420 Interest on Funded Debt (I. C. C. -119).
1421 Interest on Unfunded Debt (I. C. C. -120).
1422 Amortization of Discount and Expense on Funded Debt (I. C. C. -121).
1423 Miscellaneous Debits (I. C. C. -122, 123).

(4)