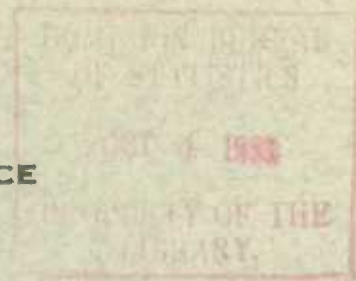


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CANADA

DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

TRANSPORTATION BRANCH

PRELIMINARY REPORT

ON

STATISTICS OF ELECTRIC RAILWAYS

IN

CANADA

1932

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Minister of Trade and Commerce.

OTTAWA
1933

DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

Dominion Statistician, R.H. Coats, B.A., F.S.S., (Hon.), F.R.S.C.
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

PRELIMINARY REPORT

ON

ELECTRIC RAILWAYS OF CANADA

1932

The traffic of electric railways in Canada, which is comprised largely of urban street car traffic, has continued to decline and during 1932 five systems, including two interurban lines, ceased operation. One of these, the Brantford Municipal Railway, substituted a bus service for three months but resumed operation again early in 1933 and the mileage, capital, etc. of this system has been retained in the data as at December 31. The other systems which ceased operation were: Brandon, Moose Jaw, Niagara Falls Park and River Division of the International Railway and the Sandwich, Windsor and Amherstburg.

During the year 720,468,361 fare passengers were carried which was a decrease from the 1931 traffic of 77,637,359 passengers, or 10.8 per cent. The greatest rate of decrease was on the small systems carrying less than two million passengers per annum. These showed a decrease of 29.1 per cent. The decrease on systems carrying over 10 million passengers was 63,440,497 passengers, or 9.9 per cent, ranging from 17.3 per cent for the Hamilton Street Railway to only half of one per cent for the Edmonton Radial Railway. The Toronto system, including buses but not including interurban coaches, showed a decrease of 21,815,415 passengers, or 11.7 per cent, and the Montreal system showed a decrease of 21,333,974 passengers, or 9.2 per cent. The Saskatoon Municipal Railway showed an increase of 6 per cent which was probably effected by the discontinuance of issuing transfers.

Revenues on all electric railways amounted to \$642,831,002 which was \$77,637,359, or 10.8 per cent, less than 1931 revenues. Operating expenses were reduced from \$35,367,068 in 1931 to \$31,516,943 in 1932 and net operating revenues decreased from \$13,721,242 to \$11,822,438. The number of employees was reduced from 17,135 to 15,961 and the salaries and wages from \$24,647,391 to \$21,534,419.

Of the forty five railways reporting, fourteen showed a loss from operation and, after paying taxes, interest and other income charges, twenty-four railways showed deficits. Only four railways paid dividends, viz., the British Columbia Electric, the Cornwall Street Railway, Light and Power, the Nova Scotia Light and Power and the Montreal Tramways. This last company operates on a cost of service agreement with the city of Montreal and the accounts have been rearranged to make the data comparable with those of other railways. Railways operating light and power systems include the income from those sources in their operating income.

During the year 3 passengers were killed, all on one railway, 29 motorists, 42 pedestrians, 2 employees, one person riding in vehicle other than an automobile and one other person were killed, making a total of 79 persons killed, as against 65 in 1931. Collisions accounted for 76 of these deaths. The number of persons injured was 3,542, including 2,098 pedestrians, 279 motorists, 47 persons in other vehicles, 157 conductors and motormen, 17 bus operators, 391 other employees and 92 other persons. This was the smallest number of persons injured by electric railways in the past ten years.

ELECTRIC RAILWAYS IN CANADA, 1932

Table 1. MILEAGE OPERATED

Year ended December 31	First Main Track	Second Main Track	Total Main Track
1923	1,736.31	511.32	2,247.63
1924	1,736.77	524.91	2,261.68
1925	1,737.52	543.47	2,280.99
1926	1,684.18	553.39	2,237.57
1927	1,652.15	562.94	2,215.09
1928	1,653.22	565.56	2,218.78
1929	1,636.76	565.27	2,202.03
1930	1,508.99	571.37	2,080.36
1931	1,386.06	572.69	1,958.75
1932	1,313.33	560.02	1,873.35

Table 2. CAPITAL

	Stocks	Bonds, etc.	Total
	\$	\$	\$
1923	76,674,185	122,395,685	199,069,870
1924	76,482,085	137,285,575	213,767,660
1925	58,567,242	163,201,978	221,769,220
1926	57,779,518	158,029,002	215,808,520
1927	58,873,778	163,678,939	222,552,717
1928	50,653,071	170,649,165	221,302,236
1929	54,453,321	167,969,494	222,422,815
1930	53,048,929	171,040,610	224,089,539
1931	45,155,649	170,662,447	215,818,096
1932	40,101,930	163,210,624	203,312,554

Table 3.

	Gross Revenues	Operating Expenses	Net Operating Revenue
	\$	\$	\$
1923	50,191,387	36,171,923	14,019,464
1924	49,439,559	36,125,213	13,314,346
1925	49,626,231	35,426,487	14,199,744
1926	51,723,199	36,453,709	15,269,490
1927	53,506,401	37,616,568	15,889,833
1928	55,632,761	38,782,719	16,850,042
1929	58,268,980	40,085,140	18,183,840
1930	54,719,259	39,125,515	15,593,744
1931	49,088,310	35,367,068	13,721,242
1932	43,339,381	31,516,943	11,822,438

Table 4.

	Passengers Carried	Freight Carried	Passenger Car Miles
	No.	Tons	
1923	737,282,038	3,141,992	115,768,713
1924	726,497,729	2,543,669	116,438,733
1925	725,491,101	2,701,823	115,715,733
1926	748,710,836	3,489,183	118,566,321
1927	781,398,194	3,265,237	127,062,864
1928	808,023,615	3,888,672	128,888,905
1929	833,496,866	3,653,411	134,666,564
1930	792,701,493	2,872,929	136,240,958
1931	720,468,361	1,977,441	131,200,894
1932	642,831,002	1,509,561	123,672,220

Table 5.

	Employees	Salaries and Wages
	No.	\$
1923	17,779	25,039,286
1924	17,379	24,964,440
1925	16,933	24,543,855
1926	16,961	24,686,549
1927	18,090	25,891,020
1928	18,697	26,494,062
1929	18,801	26,984,061
1930	18,340	26,954,994
1931	17,135	24,647,391
1932	15,961	21,534,419

Table 6.

No.	Name of Railway	Total Gross Revenues	Total Operating Expenses	Net Operating Revenues
		\$	\$	\$
1.	Brandon Municipal	7,927	9,732	Dr. 1,805
2.	Brantford Municipal	77,812	78,159	Dr. 347
3.	British Columbia	4,755,541	3,886,449	869,092
4.	Calgary	702,657	534,244	168,413
5.	Canadian Pacific Electric Railways	375,933	404,752	Dr. 28,819
6.	Cape Breton Tramways	87,364	73,641	13,723
7.	Cornwall Street Rly., Light & Power Co.	89,825	54,120	35,705
8.	Edmonton Radial	728,571	489,796	238,775
9.	Fort William Street	139,773	132,665	7,108
10.	Hamilton Street	1,093,517	884,133	209,384
11.	Hull	220,385	189,011	31,374
12.	Hydro Electric Railways - Guelph District	64,040	71,760	Dr. 7,720
13.	International Transit	42,489	41,145	1,344
14.	Kitchener Public Utilities - Street Ry. Dept	99,850	76,450	23,400
15.	Lethbridge	38,515	38,813	Dr. 298
16.	Levis Tramways	126,513	109,019	17,494
17.	London and Port Stanley	305,773	334,517	Dr. 28,744
18.	London Street	511,655	434,626	77,029
19.	Montreal Tramways	13,206,110	8,713,175	4,492,935
20.	Montreal and Southern Counties	319,156	368,327	Dr. 49,171
21.	Moose Jaw	27,648	29,496	Dr. 1,848
22.	Nelson Municipal	15,245	24,951	Dr. 9,706
23.	New Brunswick	319,486	277,560	41,926
24.	Niagara Falls Park and River Division of the International Railway	43,964	63,440	Dr. 19,476
25.	Niagara, St. Catharines and Toronto	487,335	604,118	Dr. 116,783
26.	Nipissing Central	32,639	45,259	Dr. 12,620
27.	North Yonge Railways	81,653	78,935	2,718
28.	Nova Scotia Light and Power Co.	611,737	411,872	199,865
29.	Oshawa	140,415	120,259	20,156
30.	Ottawa	1,466,662	943,843	522,819
31.	Port Arthur Civic	139,539	120,124	19,415
32.	Quebec County	37,761	37,014	747
33.	Quebec Railway, Light and Power Co.	938,116	883,758	54,358
34.	Regina Municipal	297,636	231,624	66,012
35.	Sandwich, Windsor and Amherstburg	554,521	548,088	6,433
36.	Saskatoon Municipal	277,329	225,525	51,804
37.	Shawinigan Falls Terminal	54,915	62,600	Dr. 7,685
38.	Suburban Rapid Transit Co.	137,775	97,606	40,169
39.	Sudbury, Copper Cliff Suburban	44,671	42,749	1,922
40.	Three Rivers Traction Company	96,595	99,901	Dr. 3,306
41.	Toronto Transportation Commission	11,068,098	6,835,959	4,232,139
42.	Township of York and Town of Weston	239,020	187,617	51,403
43.	Windsor, Essex and Lake Shore Rapid Rly.	95,938	123,403	Dr. 27,465
44.	Winnipeg	2,985,661	2,355,356	630,305
45.	Winnipeg, Selkirk and Lake Winnipeg	151,616	141,352	10,264
Total		43,339,381	31,516,943	11,822,438

Total Income from Operation	Taxes	Interest on Funded & Unfunded Debt	Total Deductions from Income	Net Income	Reserves and Special Charges	Dividends
\$	\$	\$	\$	\$	\$	\$
Dr. 1,805	...	21,665	21,665	Dr. 23,470	1,950	...
Dr. 347	69	26,047	26,192	Dr. 26,539	15,064	...
4,181,270	869,290	584,652	1,513,513	2,667,757	1,026,509	1,701,808
223,512	35,133	129,481	164,614	58,898	87,654	...
Dr. 24,477	19,248	...	19,248	Dr. 43,725	...	...
14,042	1,153	...	1,153	12,889	14,000	...
35,705	2,534	9,100	12,087	23,618	20,000	6,000
239,941	...	210,076	210,076	29,865	28,822	...
14,709	...	59,580	62,566	Dr. 47,857	30,927	...
209,384	57,811	153,878	211,689	Dr. 2,305	...	...
32,076	10,767	33,009	44,520	Dr. 12,444	41,703	...
Dr. 5,192	354	26,700	28,381	Dr. 33,573	5,254	...
23,008	3,285	2,150	5,435	17,573	11,003	...
25,012	581	11,152	11,733	13,279	1,837	...
Dr. 298	...	21,245	21,245	Dr. 21,543	8,801	...
18,894	3,314	...	3,314	15,580	15,119	...
Dr. 17,711	11,817	102,320	139,137	Dr. 156,848	54,368	...
78,078	8,543	29,938	38,481	39,597	69,700	...
4,597,575	605,081	2,767,944	4,060,414	537,161	632,127	682,500
Dr. 45,067	14,584	115,350	144,082	Dr. 189,149	...	...
Dr. 1,848	122	1,364	1,486	Dr. 3,334	...	...
Dr. 9,706	...	2,300	2,300	Dr. 12,006	...	...
208,143	26,700	207,287	233,987	Dr. 25,844	15,493	...
Dr. 8,812	11,790	20,902	40,243	Dr. 49,055	29,299	...
Dr. 154,729	37,611	...	37,792	Dr. 192,521	...	...
55,845	...	...	...	55,845	...	...
2,718	90	...	90	2,628	...	...
640,570	43,611	262,471	306,082	334,488	154,563	213,092
25,068	10,056	...	10,056	15,012	...	...
543,465	72,845	169,167	247,774	295,691	263,860	...
22,565	122	23,988	24,110	Dr. 1,545	9,899	...
747	...	...	...	747	415	...
54,358	11,656	...	11,656	42,702	18,648	...
88,315	...	103,307	103,307	Dr. 14,992	50,424	...
40,293	4,512	315,798	345,289	Dr. 304,996	135,523	...
52,008	10,639	68,881	79,520	Dr. 27,512	51,809	...
Dr. 7,174	...	8,164	8,164	Dr. 15,338	968	...
55,084	12,162	25,354	42,298	12,786	11,478	...
1,922	...	7,700	8,111	Dr. 6,189	...	...
Dr. 3,306	3,878	38,538	42,416	Dr. 45,722	7,305	...
4,407,826	203,182	1,860,957	2,085,105	2,322,721	2,319,745	...
51,403	...	54,804	63,388	Dr. 11,985	83,109	...
Dr. 27,465	1,377	51,948	62,421	Dr. 89,886	867	...
1,751,059	240,479	969,261	1,276,602	474,457	298,003	...
48,459	16,698	20,070	36,775	11,684	17,754	...
17,435,117	2,351,094	8,516,548	11,808,517	5,626,600	5,534,000	2,603,400

Table 7.

No.	Name of Railway	Total Miles of Track	Fare Passengers Carried
1.	Brandon Municipal (1)	....	114,623
2.	Brantford Municipal (2)	17.73	1,439,462
3.	British Columbia	220.44	66,392,459
4.	Calgary	53.06	12,028,866
5.	Canadian Pacific	69.63	839,035
6.	Cape Breton Tramways	21.30	1,008,479
7.	Cornwall Street Railway, Light and Power Co.	5.00	1,219,725
8.	Edmonton Radial	32.43	12,168,125
9.	Fort William Street	20.56	2,294,181
10.	Hamilton Street	18.00	16,055,651
11.	Hull	16.54	2,892,214
12.	Hydro Electric Railways - Guelph District	6.41	922,082
13.	International Transit	4.97	766,581
14.	Kitchener Public Utilities - Street Rly. Dept.	6.55	2,256,650
15.	Lethbridge	8.25	679,118
16.	Levis Tramways	11.50	1,872,156
17.	London and Port Stanley	24.50	388,387
18.	London Street	22.36	9,060,769
19.	Montreal Tramways	160.13	210,807,129
20.	Montreal and Southern Counties	54.67	2,305,402
21.	Moose Jaw (3)	....	442,909
22.	Nelson Municipal	3.38	344,721
23.	New Brunswick Power Co.	16.60	5,346,758
24.	Niagara Falls Park & River Division of International Railway (4)	....	230,429
25.	Niagara, St. Catharines and Toronto	57.66	3,190,428
26.	Nipissing Central	10.52	364,246
27.	North Yonge Railways	10.34	916,232
28.	Nova Scotia Light and Power Co.	14.37	10,167,995
29.	Oshawa	8.78	525,330
30.	Ottawa	27.68	23,472,347
31.	Port Arthur Civic	13.43	2,227,744
32.	Quebec County	2.54	433,517
33.	Quebec Railway, Light and Power Co.	23.43	16,254,323
34.	Regina Municipal	20.22	4,114,293
35.	Sandwich, Windsor and Amherstburg	47.07	7,614,992
36.	Saskatoon Municipal	15.73	4,542,767
37.	Shawinigan Falls Terminal	3.39	...
38.	Suburban Rapid Transit Co.	15.94	2,318,742
39.	Sudbury, Copper Cliff Suburban	7.90	456,323
40.	Three Rivers Traction Co.	7.65	1,285,717
41.	Toronto Transportation Commission	119.76	165,275,187
42.	Township of York and Town of Weston	8.06	4,857,398
43.	Windsor, Essex and Lake Shore Rapid (5)	....	464,407
44.	Winnipeg	65.17	41,615,890
45.	Winnipeg, Selkirk and Lake Winnipeg	39.68	857,213
Total		1,313.33	642,831,002

(1) Ceased operation April 30, 1932.

(2) Bus service substituted from October 1, 1932 to Jan. 8, 1933.

(3) Ceased operation October 8, 1932.

Tons of Freight Carried	Total Car Miles	Conductors, Motormen and Conductor-Motormen	Total Employees	Total Salaries and Wages
...	69,750	...	...	\$ 5,429
...	477,193	28	59	52,382
234,783	16,330,956	1,153	1,923	2,982,308
2	2,698,498	148	240	365,978
285,291	970,858	32	193	253,578
...	282,568	11	38	41,996
191,098	332,246	17	37	44,816
...	2,399,058	131	256	354,202
...	740,701	31	61	85,586
...	4,195,799	204	423	483,419
3,361	793,410	49	109	118,788
...	334,866	13	39	45,822
...	232,115	10	19	26,063
...	346,912	19	34	52,035
...	230,849	8	16	25,103
36,113	546,885	20	69	70,020
184,430	650,437	22	96	134,307
...	2,554,233	55	193	243,975
36,521	32,427,602	2,383	4,681	6,250,390
25,116	897,001	57	170	194,421
...	172,544	...	...	21,019
...	36,478	7	14	13,435
...	1,301,815	60	124	143,923
...	133,332	...	...	33,219
297,574	1,777,049	72	262	319,856
...	122,236	11	18	23,936
53	297,926	..	...	...
...	1,935,638	93	187	317,061
128,575	293,241	30	91	84,714
...	4,365,739	234	482	623,427
...	630,523	22	49	77,055
...	135,124	...	...	...
...	2,687,569	222	429	514,460
59,829	1,095,582	52	96	165,634
1,085	2,329,558	123	241	279,715
...	1,194,089	50	91	137,744
...	...	3	21	30,800
...	567,604	...	...	...
...	95,650	12	19	23,205
...	482,326	16	47	56,348
...	27,433,832	2,103	3,967	5,303,532
...	713,448	...	...	...
20,733	341,663	...	...	53,045
...	9,679,070	571	1,134	1,445,051
4,997	546,328	11	33	36,622
1,509,561	125,885,301	8,083	15,961	21,534,419

(4) Ceased operation September 11, 1932.

(5) Ceased operation September 15, 1932

Table 8.-

ELECTRIC RAILWAY PASSENGER TRAFFIC X
1932 compared with 1931

Name of Railway	Passengers Carried 1931	Passengers Carried 1932
Montreal Tramways	232,141,103	210,807,129
Toronto Transportation Commission	187,090,330	165,275,187
British Columbia Electric	72,144,921	66,392,459
Winnipeg Electric	45,704,371	41,615,890
Ottawa Electric	26,529,752	23,472,347
Quebec Railway, Light and Power Co.	18,086,262	16,254,323
Hamilton Street	19,420,103	16,055,651
Edmonton Radial	12,227,167	12,168,125
Calgary Municipal	12,946,995	12,028,866
Nova Scotia Light and Power Co.	11,387,465	10,167,995
Total	637,678,469	574,237,972
London Street	9,961,664	9,060,769
Sandwich, Windsor and Amherstburg	9,522,017	7,614,992
New Brunswick Power Company	6,392,600	5,346,758
Township of York and Town of Weston	5,582,617	4,857,398
Saskatoon Municipal	4,516,089	4,542,767
Regina Municipal	4,293,639	4,114,293
Niagara, St. Catharines and Toronto	4,035,734	3,190,428
Hull Electric	3,941,172	2,892,214
Suburban Rapid Transit	2,512,975	2,318,742
Montreal and Southern Counties	2,737,650	2,305,402
Fort William Street	2,370,895	2,294,181
Kitchener Public Utilities - Street Rly. Dept.	2,507,990	2,256,650
Port Arthur Civic	2,440,589	2,227,744
Total	60,815,631	53,022,338
Other 22 systems	21,974,261	15,570,692
GRAND TOTAL	720,468,361	642,831,002

X - Including passengers carried on buses operated by electric railways.

ELECTRIC RAILWAY PASSENGER TRAFFIC ^X
 1932 compared with 1931

Per cent of Total	Decrease in Passengers Carried 1932 from 1931		Per cent of Total Decrease 1932
	No.	p.c.	
32.794	21,333,974	9.2	27.479
25.710	21,815,143	11.7	28.099
10.328	5,752,462	8.0	7.409
6.474	4,088,481	8.9	5.266
3.651	3,057,405	11.5	3.938
2.529	1,831,939	10.1	2.360
2.498	3,364,452	17.3	4.333
1.893	59,042	0.5	.076
1.871	918,129	7.1	1.183
1.582	1,219,470	10.7	1.571
89.330	63,440,497	9.9	81.714
1.410	900,895	9.0	1.160
1.184	1,907,025	20.0	2.456
.832	1,045,842	16.4	1.347
.755	725,219	13.0	.934
.707	∅ 26,678	∅ 0.6	∅ .034
.640	179,346	4.2	.231
.496	845,306	20.9	1.089
.450	1,048,958	26.6	1.351
.361	194,233	7.7	.250
.359	432,248	15.8	.557
.357	76,714	3.2	.099
.351	251,340	10.0	.324
.346	212,845	8.7	.274
8.248	7,793,293	12.8	10.038
2.422	6,403,569	29.1	8.248
100.00	77,637,359	10.8	100.00

∅ Increase.

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