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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
1933

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Minister of Trade and Commerce.

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

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PRELIMINARY REPORT

ON

ELECTRIC RAILWAYS OF CANADA

1933

One electric railway, the Three Rivers Traction Company, ceased operation during 1933 and all other railways reported reduced traffic. The smaller railways again showed the greatest rate of decrease with a decline of 16.6 per cent. Railways carrying from 2 to 10 million passengers reported a decrease of 11.4 per cent, or 7,213,962 passengers, and the large systems reported a decrease of 8.4 per cent, or 47,653,541 passengers, from the 1932 traffic. This decline has continued steadily since 1929 when 833,496,866 passengers were carried until in 1933 only 585,385,094 passengers, or approximately two-thirds of the peak, were carried. The rate of decrease, however, was getting smaller. In 1931 the reduction from 1930 traffic was 72,233,132 passengers, or 9.1 per cent, in 1932 a reduction from 1931 traffic of 77,637,359 passengers, or 10.8 per cent, was recorded and in 1933 the decrease was 57,445,908 passengers, or 8.9 per cent.

The Hamilton system showed the largest rate of decrease with a reduction from 1932 traffic of 29.9 per cent, or 4,155,014 passengers. The Saskatoon system showed a decrease of 22.7 per cent, Hull a decrease of 20.7 per cent and Ottawa a decrease of 12.5 per cent. Whereas in 1932 Montreal and Toronto systems reported declines of 21,333,974 passengers and 21,815,143 passengers from the previous year, in 1933 the decreases were 14,666,026 passengers and 14,413,540 passengers respectively.

Gross revenues of all railways also decreased from \$43,339,381 in 1932 to \$39,383,965, or by \$3,955,416, or 9 per cent, and operating expenses were reduced from \$31,516,943 to \$27,917,265, or by \$3,599,678. Of the forty-one railways operated, thirteen failed to earn operating expenses and only four companies paid dividends, two of which paid them largely out of revenues earned by other departments. The accounts of the Montreal Tramways, which is operated at a cost of service arrangement with the city, have been adjusted to make them comparable with accounts of other systems and, although dividends amounting to \$612,500 were paid, an appropriation of \$592,162 was made from reserves.

Total mileage of main track in operation on December 31 was 1,864.23 as against 1,873.35 in 1932. Car miles declined by 5.3 per cent, the number of motormen and conductors was reduced by 6.6 per cent, the total number of employees by 1,078, or 6.8 per cent, and the pay roll was reduced from \$21,534,420 to \$18,692,236, or by 13.2 per cent.

For the second time since 1901, when accident statistics were first compiled for electric railways, no passengers were killed and only one employee was killed. There were 32 other persons killed including 16 pedestrians and 13 motorists. The total of 33 persons killed during the year was the lowest record since 1902 when 32 persons were killed. Persons injured numbered 2,902, which was the smallest number for the past twelve years and was a decrease of 640 from 1932. The total injured included 1,385 passengers, 443 pedestrians, 351 motorists and 23 electric railway bus drivers, 131 conductors and motormen, 179 other employees, 76 persons riding in other vehicles, and 314 other persons. The total of 333 employees injured was the smallest number injured since 1916.

ELECTRIC RAILWAYS IN CANADA, 1933

Table 1.

MILEAGE OPERATED

Year ended December 31	First Main Track	Second Main Track	Total Main Track
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
1933	1,304.66	559.57	1,864.23

Table 2.

CAPITAL

	Stocks	Bonds, etc.	Total
	\$	\$	\$
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
1933	39,851,230	160,247,640	200,098,870

Table 3.

	Gross Revenues	Operating Expenses	Net Operating Revenue
	\$	\$	\$
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
1933	39,383,965	27,917,265	11,466,700

Table 4.

	Passengers Carried	Freight Carried	Passenger Car Miles
	No.	Tons	
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	3,883,672	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
1933	585,385,094	1,547,202	117,100,127

Table 5.

	Employees	Salaries and Wages
	No.	\$
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
1933	14,883	18,692,236

Table 6.

No.	Name of Railway	Total Gross Revenues	Total Operating Expenses	Net Operating Revenues
		\$	\$	\$
1.	Brantford Municipal	88,895	82,491	6,404
2.	British Columbia	4,474,689	3,427,355	1,047,334
3.	Calgary Municipal	627,551	440,029	187,522
4.	Canadian Pacific	348,791	356,948	Dr. 8,157
5.	Cape Breton Tramways, Ltd.	84,728	79,118	5,610
6.	Cornwall Street Railway, Light & Power Co.	103,993	52,354	51,639
7.	Edmonton Radial	677,459	488,929	188,530
8.	Fort William Street	118,029	132,072	Dr. 14,043
9.	Hamilton Street	782,320	711,348	70,972
10.	Hull Electric	184,851	169,761	15,090
11.	Hydro Electric Railways - Guelph District	58,402	69,750	Dr. 11,348
12.	International Transit Company	32,946	34,959	Dr. 2,013
13.	Kitchener Public Utilities, Street Ry. Dept.	92,427	74,260	18,167
14.	Lethbridge Municipal	32,496	35,144	Dr. 2,648
15.	Lévis Tramways	109,764	96,370	13,394
16.	London and Port Stanley	284,911	311,711	Dr. 26,800
17.	London Street	469,154	394,884	74,270
18.	Montreal Tramways	12,243,913	7,848,907	4,395,006
19.	Montreal and Southern Counties	294,443	322,534	Dr. 28,091
20.	Nelson Municipal	14,405	23,138	Dr. 8,733
21.	New Brunswick Power Company	281,471	256,345	25,126
22.	Niagara, St. Catharines and Toronto	450,556	471,550	Dr. 20,994
23.	Nipissing Central	25,312	31,305	Dr. 5,993
24.	North Yonge Railways	71,933	72,557	Dr. 624
25.	Nova Scotia Light & Power Co., Ltd.	545,006	373,990	171,016
26.	Oshawa	140,631	101,671	38,960
27.	Ottawa	1,281,037	872,255	408,782
28.	Port Arthur Civic	127,790	111,069	16,721
29.	Quebec County	36,142	35,737	405
30.	Quebec Railway, Light & Power Company	830,020	777,691	52,329
31.	Regina Municipal	262,560	201,313	61,247
32.	Sandwich, Windsor and Amherstburg	489,205	493,505	Dr. 4,300
33.	Saskatoon Municipal	216,968	173,985	42,983
34.	Shawinigan Falls Terminal	47,615	59,560	Dr. 11,945
35.	Suburban Rapid Transit Company	121,467	78,715	42,752
36.	Sudbury, Copper Cliff Suburban	46,451	39,830	6,621
37.	Three Rivers Traction Company	79,169	76,088	3,081
38.	Toronto Transportation Commission	10,141,352	6,104,983	4,036,369
39.	Township of York and Town of Weston	206,682	173,244	33,438
40.	Winnipeg	2,713,449	2,130,562	582,887
41.	Winnipeg, Selkirk and Lake Winnipeg	144,982	129,248	15,734
Total		39,383,965	27,917,265	11,466,700

Total Income from Operation	Taxes	Interest on Funded & Unfunded Debt	Total Deductions from Income	Net Income	Reserves and Special Charges	Dividends
\$	\$	\$	\$	\$	\$	\$
6,404	729	24,431	25,160	Dr. 18,756	...	...
/ 3,584,709	/ 710,889	/ 574,712	/ 1,338,690	/ 2,246,019	/ 931,009	/ 1,515,272
231,622	31,378	129,481	160,859	70,763	83,654	...
Dr. 4,007	19,647	...	19,647	Dr. 23,654	...	...
6,081	1,150	...	1,150	4,931	14,000	...
51,639	6,206	9,100	15,724	35,915	20,000	9,000
188,727	...	151,097	151,097	37,630	29,600	...
Dr. 9,555	263	44,830	46,200	Dr. 55,755	18,595	...
70,972	56,190	27,308	83,498	Dr. 12,526	...	...
15,927	10,229	34,586	44,815	Dr. 28,888	41,703	...
Dr. 8,685	354	18,286	20,095	Dr. 28,780	11,823	...
6,347	2,842	1,457	4,299	2,048	10,012	...
19,191	437	9,761	10,198	8,993	16,081	...
Dr. 2,648	...	21,245	21,245	Dr. 23,893	8,801	...
14,402	3,384	...	3,384	11,018	12,620	...
Dr. 14,701	11,888	89,450	129,374	Dr. 144,075	55,936	...
75,507	7,908	30,056	37,964	37,543	71,680	...
4,536,042	680,642	2,700,239	4,068,470	467,572	302,217	612,500
Dr. 24,615	14,457	109,416	137,869	Dr. 162,484	...	...
Dr. 8,733	...	2,300	2,300	Dr. 11,033	...	...
/ 192,197	18,200	211,413	229,613	Dr. 37,416	112,000	...
Dr. 40,395	36,213	...	37,770	Dr. 78,165	...	...
40,023	...	...	...	40,023	...	...
Dr. 624	80	...	80	Dr. 704	...	...
/ 631,944	33,714	/ 242,543	/ 276,257	/ 355,687	/ 214,580	/ 187,200
43,257	9,926	...	9,931	33,326	...	...
425,426	70,797	157,447	234,130	191,296	149,482	...
16,721	115	22,057	22,172	Dr. 5,451	9,830	...
405	405	...	405	...	...	...
52,329	10,243	...	10,243	42,086	8,444	...
61,247	...	104,852	104,852	Dr. 43,605	51,255	...
45,111	2,410	341,524	345,888	Dr. 300,777	145,476	...
42,983	8,452	68,881	77,570	Dr. 34,587	50,493	...
Dr. 11,945	...	7,651	7,651	Dr. 19,596	968	...
54,664	10,926	25,335	38,277	16,387	16,387	...
6,621	914	7,700	8,923	Dr. 2,302	...	...
3,081	4,358	35,055	39,413	Dr. 36,332	11,121	...
4,188,230	193,751	1,754,280	1,971,386	2,216,844	2,215,373	...
42,561	...	63,018	63,018	Dr. 20,457	87,361	...
/ 1,564,579	225,737	/ 961,885	/ 1,241,359	/ 323,220	/ 295,889	...
50,882	12,330	20,036	32,366	18,516	17,754	...
16,143,923	2,197,164	8,001,432	11,073,342	5,070,581	5,014,144	2,323,972

/ Includes electric light and all other departments of company.

Table 7.

No.	Name of Railway	Total Miles of Track	Fare Passengers Carried
1.	Brantford Municipal	20.29	1,534,791
2.	British Columbia	302.27	62,412,808
3.	Calgary Municipal	77.02	10,781,399
4.	Canadian Pacific	75.36	805,646
5.	Cape Breton Tramways, Ltd.	21.30	983,710
6.	Cornwall Street Railway, Light & Power Co.	5.00	1,141,378
7.	Edmonton Radial	52.50	11,321,146
8.	Fort William Street	25.49	2,057,575
9.	Hamilton Street	34.30	11,900,637
10.	Hull Electric	28.76	2,294,357
11.	Hydro Electric Railways - Guelph District	6.41	844,618
12.	International Transit Company	6.14	647,422
13.	Kitchener Public Utilities, Street Ry. Dept.	9.41	2,023,536
14.	Lethbridge Municipal	11.00	563,004
15.	Levis Tramways	11.50	1,557,686
16.	London and Port Stanley	26.70	349,789
17.	London Street	29.39	8,282,454
18.	Montreal Tramways	289.31	196,141,103
19.	Montreal and Southern Counties	54.67	2,149,551
20.	Nelson Municipal	3.38	332,614
21.	New Brunswick Power Company	23.00	4,640,361
22.	Niagara, St. Catharines and Toronto	59.58	2,783,035
23.	Nipissing Central	10.52	278,355
24.	North Yonge Railways	10.34	829,062
25.	Nova Scotia Light & Power Co., Ltd.	24.91	9,100,077
26.	Oshawa	8.95	496,742
27.	Ottawa	52.43	20,533,876
28.	Port Arthur Civic	19.53	2,120,632
29.	Quebec County	4.97	378,550
30.	Quebec Railway, Light and Power Co.	31.42	14,472,041
31.	Regina Municipal	28.62	3,794,676
32.	Sandwich, Windsor and Amherstburg	59.80	6,981,237
33.	Saskatoon Municipal	23.10	3,509,391
34.	Shawinigan Falls Terminal	3.39	...
35.	Suburban Rapid Transit Co.	19.86	2,022,011
36.	Sudbury, Copper Cliff Suburban	7.90	448,688
37.	Three Rivers Traction Co. (1)	....	1,032,291
38.	Toronto Transportation Commission	222.19	150,861,647
39.	Township of York and Town of Weston	14.06	4,217,478
40.	Winnipeg	107.41	37,991,779
41.	Winnipeg, Selkirk and Lake Winnipeg	42.05	767,941
Total		1,864.23	585,385,094

(1) Ceased operation September 12, 1933.

Tons of Freight Carried	Total Car Miles	Conductors, Motormen and Conductor-Motormen	Total Employees	Total Salaries and Wages \$
...	559,588	27	55	43,990
210,196	15,490,193	1,110	1,850	2,631,912
...	2,411,829	129	206	298,687
278,030	951,841	53	172	226,711
...	284,146	11	38	44,947
276,699	361,647	17	37	46,007
...	2,364,387	132	258	344,975
...	697,666	26	61	77,449
...	3,838,596	157	347	405,038
2,274	700,028	42	98	100,398
...	332,449	12	35	38,353
...	208,118	10	19	23,394
...	311,704	19	33	50,120
...	214,384	8	16	22,948
6,430	536,782	22	67	65,041
178,971	616,638	22	91	116,746
...	2,442,844	49	195	221,637
23,910	31,242,811	2,303	4,438	5,376,903
18,913	882,437	55	164	180,016
...	34,492	7	14	14,182
...	1,258,769	59	121	129,267
356,417	1,791,789	66	244	295,163
...	93,415	6	13	16,501
...	264,704	...	...	...
...	1,900,380	89	185	270,130
134,067	295,034	23	77	77,790
...	4,268,632	213	459	569,118
...	603,970	23	55	74,790
...	133,846	...	...	...
...	2,552,837	208	413	420,755
54,761	1,039,837	52	99	137,636
1,616	2,330,825	111	220	280,250
...	954,100	50	85	108,780
...	...	4	18	29,500
...	488,482	...	...	...
...	95,500	12	19	20,849
...	472,235	...	...	47,887
...	26,150,760	1,932	3,647	4,632,593
...	637,129	...	...	...
...	8,802,975	478	1,005	1,220,674
4,918	494,997	8	29	31,099
1,547,202	119,162,796	7,545	14,883	18,692,236

Table 8.

ELECTRIC RAILWAY PASSENGER TRAFFIC /
1933 compared with 1932

Name of Railway	Passengers Carried 1932	Passengers Carried 1933
Montreal Tramways	210,807,129	196,141,103
Toronto Transportation Commission	165,275,187	150,861,647
British Columbia	66,392,459	62,412,808
Winnipeg Electric	41,615,890	37,991,779
Ottawa	23,472,347	20,533,876
Quebec Railway, Light and Power Co.	16,254,323	14,472,041
Hamilton Street	16,055,651	11,900,637
Edmonton Radial	12,168,125	11,321,146
Calgary Municipal	12,028,866	10,781,399
Total	564,069,977	516,416,436
Nova Scotia Light and Power Co.	10,167,995	9,100,077
London Street	9,060,769	8,282,454
Sandwich, Windsor and Amherstburg	7,614,992	6,981,237
New Brunswick Power Co.	5,346,758	4,640,361
Township of York and Town of Weston	4,857,398	4,217,478
Regina Municipal	4,114,293	3,794,676
Saskatoon Municipal	4,542,767	3,509,391
Niagara, St. Catharines and Toronto	3,190,428	2,783,035
Hull	2,892,214	2,294,357
Montreal and Southern Counties	2,305,402	2,149,551
Port Arthur Civic	2,227,744	2,120,632
Fort William Street	2,294,181	2,057,575
Kitchener Public Utilities - Street Ry. Dept.	2,256,650	2,023,536
Suburban Rapid Transit	2,318,742	2,022,011
Total	63,190,333	55,976,371
Other 17 systems	15,570,692	12,992,287
GRAND TOTAL	642,831,002	585,385,094

/ Including passengers carried on buses operated by electric railways.

ELECTRIC RAILWAY PASSENGER TRAFFIC /
1933 compared with 1932

Per cent of Total	Decrease in Passengers Carried 1933 from 1932		Per cent of Total Decrease 1933
	No.	p.c.	
33.506	14,666,026	7.0	25.530
25.771	14,413,540	8.7	25.091
10.662	3,979,651	6.0	6.928
6.490	3,624,111	8.7	6.309
3.508	2,938,471	12.5	5.115
2.472	1,782,282	11.0	3.102
2.033	4,155,014	25.9	7.233
1.934	846,979	7.0	1.474
1.842	1,247,467	10.4	2.172
88.218	47,653,541	8.4	82.954
1.555	1,067,918	10.5	1.859
1.415	778,315	8.6	1.355
1.192	633,755	8.3	1.103
0.793	706,397	13.2	1.230
0.720	639,920	13.2	1.114
0.648	319,617	7.8	0.556
0.600	1,033,376	22.7	1.799
0.475	407,393	12.8	0.709
0.392	597,857	20.7	1.041
0.367	155,851	6.8	0.271
0.362	107,112	4.8	0.186
0.352	236,606	10.3	0.412
0.346	233,114	10.3	0.406
0.345	296,731	12.8	0.517
9.562	7,213,962	11.4	12.558
2.220	2,578,405	16.6	4.488
100.00	57,445,908	8.9	100.00

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