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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
1935

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OTTAWA
1936

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

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

PRELIMINARY REPORT

ON

ELECTRIC RAILWAYS OF CANADA

1935

The traffic of electric street and suburban railways in Canada continued to increase during 1935 although the improvement over 1934 was not as great as the increase of 1934 traffic over 1933 traffic.

Total fare passengers carried during the year amounted to 600,728,313, as against 595,143,903 in 1934 and 585,385,094 in 1933. This, however, was less than the 1932 total and also less than for any previous year during the past decade. The outstanding increase was made in Hamilton where the number of passengers increased from 12,413,821 in 1934 and 11,900,637 in 1933 to 17,267,897 passengers in 1935. Improved business conditions in Hamilton, restriction on competing taxis, and a reduction in the cash fare on Jan. 16, 1935, from 7 cents to 5 cents were responsible for this improvement of 39 per cent. The average fare in Hamilton, including children's fares which remained unchanged at 3 cents and the bus fare at 10 cents, or 3 tickets for 25 cents, was reduced from 6.53 cents in 1934 to 5.438 cents in 1935, but the gross revenue and also the net operating revenue were increased.

Of the nine systems carrying over 10 million passengers per annum, however, five reported decreases in passengers carried although the group including Hamilton showed a net increase of 0.8 per cent. Of the twelve systems carrying between one and ten million passengers, 50 per cent reported losses and 50 per cent reported gains, the net result being an increase of 3.1 per cent. The remaining eighteen smaller systems showed a net loss of 1.6 per cent.

Total revenues of all systems increased from \$40,048,136 in 1934 to \$40,442,320 and, with a reduction in operating expenses from \$28,036,754 to \$28,009,013, net operating revenues were increased by \$421,925, or from \$12,011,382 to \$12,433,307. Taxes increased from \$2,202,449 to \$2,360,845, the only large reduction being for the Hamilton system where the city 4 per cent tax on gross revenues was cancelled upon the reduction in fares.

The Nipissing Central ceased operation of its electric cars on February 9 although it continued to operate steam locomotives and trains. The Hull Electric, Montreal and Southern Counties, Suburban Rapid Transit and Toronto Transportation Commission also reported reduced track mileages of 2.03 miles, 0.66 mile, 3.60 miles and 2.95 miles respectively, and the Montreal Tramways and Sandwich, Windsor and Amherstburg railways showed increases of 0.20 mile and 1.22 miles respectively.

Car and bus miles showed an increase of only 0.6 per cent, but the number of conductors, motormen, drivers, etc., decreased from 7,808 to 7,677, or by 1.7 per cent,

and the total pay roll for all employees was increased from \$18,546,750 to \$18,649,517. As in former reports, the accounts of the Montreal Tramways were adjusted to make them comparable with those of the other railways.

Only one passenger out of the 600.7 million carried was killed and 1,517 were injured. Also two employees and sixty-one other persons were killed in accidents. Of these thirty-six were pedestrians, twenty-three were motorists, one was riding in a vehicle other than a motor vehicle, two were employees other than conductors, motormen and bus drivers, and one was "other persons". Collisions accounted for fifty of these deaths, electric contact for one and the remaining thirteen were from other causes.

Averages per 1,000,000 car miles show fatalities as follows: one-man cars, 0.5597; two-man cars, 0.6110; and motor buses, 0.0566; and persons injured were: one-man cars, 15.94; two-man cars, 23.53; and buses, 17.78. When comparing these, traffic densities should be considered. It is more or less common practice to operate buses on light traffic runs and two-man cars on heavy runs and this practice has an effect on the accidents per mile run by each type of vehicle. The width of the streets, the gradients, weather and densities of vehicular and pedestrian traffic are also factors which should be considered when comparing accident records of different systems.

ELECTRIC RAILWAYS IN CANADA, 1935

Table 1.

MILEAGE OPERATED

Year ended December 31	First Main Track	Second Main Track	Total Main Track
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
1934	1,293.19	557.14	1,850.33
1935	1,275.34	557.83	1,833.17

Table 2.

CAPITAL

	Stocks	Bonds, etc.	Total
	\$	\$	\$
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
1934	39,851,230	158,276,141	198,127,371
1935	36,827,740	170,363,299	207,191,039

Table 3.

	Gross Revenues	Operating Expenses	Net Operating Revenue
	\$	\$	\$
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
1934	40,048,136	28,036,754	12,011,382
1935	40,442,320	28,009,013	12,433,307

Table 4.

	Passengers Carried	Freight Carried	Passenger Car Miles
	No.	Tons	
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
1928	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
1934	595,143,903	1,939,833	117,678,030
1935	600,728,313	2,057,897	118,263,764

Table 5.

	Employees	Salaries and Wages
	No.	\$
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
1934	14,544	18,546,750
1935	14,381	18,649,517

Table 8.

No.	Name of Railway	Total Gross Revenues	Total Operating Expenses	Net Operating Revenues
		\$	\$	\$
1.	Brantford Municipal	101,369	92,477	8,892
2.	British Columbia	4,776,260	3,551,086	1,225,174
3.	Calgary Municipal	632,251	497,014	135,237
4.	Canadian Pacific	386,434	363,512	22,922
5.	Cape Breton Tramways, Ltd.	95,680	93,974	1,706
6.	Cornwall Street Rly. Light & Power Co.	121,306	75,892	45,414
7.	Edmonton Radial	661,343	507,967	153,376
8.	Fort William Street	122,017	124,125	Dr. 2,108
9.	Guelph Radial	61,159	66,380	Dr. 5,221
10.	Hamilton Street	950,128	751,109	199,019
11.	Hull Electric	172,641	155,177	17,464
12.	International Transit Co.	41,928	36,818	5,110
13.	Kitchener Public Utilities, Street Ry. Dept.	95,369	74,121	21,248
14.	Lethbridge Municipal	33,827	35,210	Dr. 1,383
15.	Levis Tramways	106,712	99,524	7,188
16.	London and Port Stanley	312,915	300,262	12,653
17.	London Street	482,898	411,015	71,883
18.	Montreal Tramways	12,319,153	7,686,775	4,632,378
19.	Montreal and Southern Counties	287,586	339,102	Dr. 51,516
20.	Nelson Municipal	15,288	24,332	Dr. 9,044
21.	New Brunswick Power Co.	289,682	259,452	30,230
22.	Niagara, St. Catharines and Toronto	524,076	499,693	24,383
23.	Nipissing Central	2,651	3,385	Dr. 734
24.	North Yonge Railways	70,316	70,584	Dr. 268
25.	Nova Scotia Light and Power Co., Ltd.	560,293	387,086	173,207
26.	Oshawa	228,590	119,436	109,154
27.	Ottawa	1,303,203	827,391	475,812
28.	Port Arthur Civic	134,678	114,549	20,129
29.	Quebec County	66,808	66,133	675
30.	Quebec Railway, Light and Power Co.	780,974	733,704	47,270
31.	Regina Municipal	260,434	195,547	64,887
32.	Sandwich, Windsor and Amherstburg	562,862	523,409	39,453
33.	Saskatoon Municipal	217,216	159,722	57,494
34.	Shawinigan Falls Terminal	89,599	67,043	22,556
35.	Suburban Rapid Transit Company	114,344	81,510	32,834
36.	Sudbury, Copper Cliff Suburban	65,169	53,704	11,465
37.	Toronto Transportation Commission	10,317,272	6,131,396	4,185,876
38.	Township of York and Town of Weston	201,636	163,280	38,356
39.	Winnipeg	2,736,045	2,130,049	605,996
40.	Winnipeg, Selkirk and Lake Winnipeg	140,208	136,068	4,140
TOTAL		40,442,320	28,009,013	12,433,307

x Includes electric light and all other departments of the company.

(1) Tax on gross revenues cancelled.

(2) To apply on interest on investment by Hydro Electric Power Commission.

Total Income from Operation	Taxes	Interest on Funded & Unfunded Debt	Total Deductions from Income	Net Income	Reserves and Special Charges	Dividends
\$	\$	\$	\$	\$	\$	\$
8,917	862	23,304	24,166	Dr. 15,249	15,064	...
x3,900,599	x801,520	x574,712	x1,435,470	x 2,465,129	x945,452	x1,515,272
135,237	31,613	131,205	162,818	Dr. 27,581	51,080	...
27,287	17,101	...	17,101	10,186	12,685	...
2,349	2,578	...	2,902	Dr. 553	4,000	...
45,414	4,103	9,100	13,621	31,793	28,607	6,000
154,452	...	42,806	42,806	111,646	79,628	...
4,016	193	41,330	41,523	Dr. 37,507	18,161	...
Dr. 2,331	246	18,766	20,785	Dr. 23,116	15,395	...
199,019	(1)29,389	(2)137,630	167,019	32,000	2,822	...
17,914	8,707	...	8,707	9,207	41,702	...
27,283	5,055	397	5,452	21,831	10,000	10,500
21,594	425	7,876	8,301	13,293	17,865	...
Dr. 1,383	...	21,245	21,245	Dr. 22,628	8,800	...
8,496	3,957	...	3,957	4,539	4,498	...
26,420	9,404	111,881	148,110	Dr. 121,690	106,888	...
74,712	8,938	23,314	32,252	42,460	63,660	...
4,751,383	715,465	2,439,286	3,849,210	902,173	936,489	630,000
Dr. 49,223	14,887	107,781	136,670	Dr. 185,893	...	...
Dr. 9,044	...	...	...	Dr. 9,044	...	...
x 199,652	16,800	x 201,990	218,790	xDr. 19,138	x 5,270	...
27,875	37,143	725	50,395	Dr. 22,520	...	...
Dr. 17,286	...	...	...	Dr. 17,286	...	...
Dr. 268	78	...	78	Dr. 346	...	...
x 740,942	36,130	x 241,677	281,193	x - 459,749	x233,104	x178,569
113,434	9,519	...	9,520	103,914	...	...
480,071	83,978	136,323	220,300	259,771	161,288	112,632
20,129	115	22,580	22,695	Dr. 2,566	8,365	...
675	675	...	675	...	...	...
47,270	44,074	...	44,074	3,196	5,680	...
64,887	...	99,440	99,440	Dr. 34,553	54,424	...
143,580	2,409	360,098	364,174	Dr. 220,594	154,928	...
57,996	8,483	65,767	74,250	Dr. 16,254	46,669	...
22,556	986	6,319	7,305	15,251	968	...
x 47,117	10,571	x 25,323	35,894	x 11,223	x 27,353	...
11,465	433	7,700	8,133	3,332	12,983	...
4,385,400	210,657	1,611,647	1,843,929	2,541,471	2,533,736	...
38,356	...	57,580	57,580	Dr. 19,224	95,443	...
x 2,302,040	234,479	x1,308,476	1,625,138	x 676,902	291,548	...
x 39,263	9,872	x 20,000	29,872	x 9,391	x 33,043	...
18,068,265	2,360,845	7,856,278	11,135,550	6,932,715	6,027,598	2,452,973

Includes a duplication of a net loss of \$39,781.37 due to the net deficits of \$16,129.63 for the Suburban Rapid Transit Company and \$23,651.74 for the Winnipeg, Selkirk and Lake Winnipeg Railway Co. being included in the miscellaneous income account of the Winnipeg Electric Railway Co.

Table 7.

No.	Name of Railway	Total Miles of Track	Fare Passengers Carried
1.	Brantford Municipal	18.79	1,810,891
2.	British Columbia	302.27	65,854,833
3.	Calgary Municipal	77.02	10,079,281
4.	Canadian Pacific	75.36	768,548
5.	Cape Breton Tramways	21.30	1,137,861
6.	Cornwall Street Railway, Light and Power Co.	5.50	1,474,888
7.	Edmonton Radial	52.50	13,151,973
8.	Fort William Street	25.49	1,967,581
9.	Guelph Radial	6.41	862,693
10.	Hamilton Street	34.30	17,267,397
11.	Hull Electric	26.73	2,099,983
12.	International Transit Co.	6.14	821,374
13.	Kitchener Public Utilities - Street Ry. Dept.	9.41	2,120,758
14.	Lethbridge Municipal	11.00	589,050
15.	Levis Tramways Co.	11.50	1,472,543
16.	London and Port Stanley	26.70	389,215
17.	London Street	29.39	8,646,232
18.	Montreal Tramways	289.53	195,890,771
19.	Montreal and Southern Counties	54.01	2,085,408
20.	Nelson Municipal	3.38	358,392
21.	New Brunswick Power Co.	23.00	5,145,023
22.	Niagara, St. Catharines and Toronto	59.59	3,046,225
23.	Nipissing Central	-	27,875
24.	North Yonge Railways	10.25	813,880
25.	Nova Scotia Light and Power Co., Ltd.	24.91	9,519,930
26.	Oshawa	8.95	632,777
27.	Ottawa	51.74	20,928,638
28.	Port Arthur Civic	19.53	2,149,354
29.	Quebec County	4.96	376,465
30.	Quebec Railway, Light and Power Co.	33.18	13,982,347
31.	Regina Municipal	28.62	4,767,489
32.	Sandwich, Windsor and Amherstburg	61.02	8,268,341
33.	Saskatoon Municipal	23.10	3,532,348
34.	Shawinigan Falls Terminal	3.39	...
35.	Suburban Rapid Transit	10.67	1,927,966
36.	Sudbury, Copper Cliff Suburban	7.90	749,656
37.	Toronto Transportation Commission	219.25	152,297,803
38.	Township of York and Town of Weston	14.06	4,070,740
39.	Winnipeg	102.66	38,880,815
40.	Winnipeg, Selkirk and Lake Winnipeg	39.66	760,469
TOTAL		1,833.17	600,723,313

23. Ceased operation February 9, 1935.

Tons of Freight Carried	Total Car & Bus Miles	Conductors, Motormen, Conductor-motormen & Bus Operators	Total Employees	Total Salaries and Wages \$
...	606,868	31	57	60,423
268,559	15,979,538	1,150	1,904	2,848,144
...	2,468,471	126	213	304,157
324,325	1,012,963	54	186	232,432
...	292,079	10	45	58,200
297,950	404,180	21	48	59,612
...	2,444,986	137	266	364,088
...	658,853	25	58	71,681
42,798	336,360	16	30	34,130
15,086	4,245,145	217	357	413,080
1,503	639,511	40	92	85,945
360	213,458	9	18	24,673
...	311,470	19	33	50,420
...	212,713	8	16	23,470
7,605	540,971	28	68	67,466
206,281	659,102	23	89	121,250
...	2,513,550	103	194	232,892
17,730	31,167,025	2,390	4,219	5,080,473
21,766	914,792	55	178	192,704
...	35,770	7	12	14,327
...	1,301,462	59	127	127,312
564,859	2,039,024	80	256	308,297
...	8,215	..	..	1,686
...	255,674	..	..	...
...	1,923,326	88	221	286,955
225,018	318,742	16	109	110,390
...	4,325,860	196	437	543,681
...	610,808	23	57	74,820
...	133,594	..	..	...
...	2,986,925	207	396	411,107
57,137	1,082,604	53	101	136,480
902	2,413,431	109	209	308,128
...	963,055	44	78	103,093
...	...	3	19	30,650
...	488,365	..	..	...
...	97,350	12	19	23,369
...	26,312,256	1,721	3,196	4,571,185
...	593,533	..	..	...
...	8,819,704	590	1,042	1,237,945
6,018	484,616	8	31	34,852
2,057,897	120,816,349	7,677	14,381	18,649,517

Table 8.

ELECTRIC RAILWAY PASSENGER TRAFFIC/

1935 COMPARED WITH 1934

Name of Railway	Passengers Carried 1934	Passengers Carried 1935
Montreal Tramways	197,620,176	195,890,771
Toronto Transportation Commission	154,378,501	152,297,803
British Columbia	63,902,678	65,854,833
Winnipeg	37,771,653	38,880,815
Hamilton	12,413,821	17,267,897
Ottawa	21,454,313	20,928,638
Quebec Railway, Light and Power Co.	14,283,105	13,982,347
Edmonton Railway	12,069,396	13,151,973
Calgary Municipal	10,253,189	10,079,281
Total	524,146,832	532,424,384
Nova Scotia Light and Power Co., Ltd.	9,561,320	9,519,930
London Street	8,598,204	8,646,232
Sandwich, Windsor and Amherstburg	7,406,122	8,268,341
New Brunswick Power Co.	4,907,944	5,145,023
Regina Municipal	4,172,516	4,767,489
Township of York and Town of Weston	4,140,607	4,070,740
Saskatoon Municipal	3,139,716	3,532,348
Niagara, St. Catharines and Toronto	2,965,429	3,046,225
Port Arthur Civic	2,209,390	2,149,354
Kitchener Public Utilities, Street Ry. Dept.	2,149,473	2,120,758
Hull Electric	2,331,845	2,099,983
Montreal and Southern Counties	2,195,870	2,085,408
Total	53,778,936	55,451,831
Other 18 systems	17,218,135	16,942,124
GRAND TOTAL	595,143,903	600,728,313

/ Including passengers carried on buses operated by electric railways.

ELECTRIC RAILWAY PASSENGER TRAFFIC

1935 COMPARED WITH 1934

Per cent of Total	Increase in Passengers Carried (Decrease -)		Per cent of Total Increase (Decrease -) 1935
	1935 Over 1934		
	Number	p.c.	
32.609	- 1,729,405	-- 0.875	-- 30.968
25.352	- 2,080,698	-- 1.348	-- 37.259
10.962	1,952,155	3.055	34.957
6.472	1,109,162	2.936	19.861
2.874	4,854,076	39.102	86.922
3.484	- 525,675	-- 2.450	-- 9.413
2.328	- 300,758	-- 2.106	-- 5.386
2.190	1,082,577	8.970	19.386
1.678	- 173,908	-- 1.696	-- 3.114
87.949	4,187,526	0.799	74.986
1.584	- 41,390	-- 0.433	-- 0.741
1.439	48,028	0.559	0.860
1.376	862,219	11.642	15.440
0.857	237,079	4.331	4.245
0.794	594,973	14.259	10.654
0.678	- 69,867	- 1.687	-- 1.251
0.588	392,632	12.505	7.031
0.507	80,796	2.725	1.447
0.358	- 60,536	-- 2.739	-- 1.084
0.353	- 28,715	- 1.336	-- 0.514
0.350	- 231,862	-- 9.943	-- 4.152
0.347	- 110,462	-- 5.030	-- 1.978
9.231	1,672,895	3.111	29.957
2.820	- 276,011	-- 1.603	-- 4.943
100.000	9,674,436	0.938	100.000

STATE OF NEW YORK

IN SENATE

NAME	RESIDENCE	EDUCATION	OCCUPATION
1. JAMES H.
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