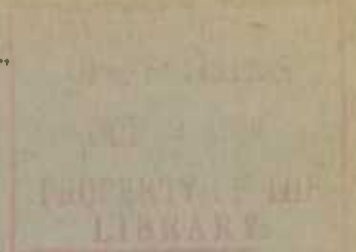


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Minister of Trade and Commerce.



CANADA
DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
TRANSPORTATION BRANCH

PRELIMINARY REPORT
ON
STATISTICS OF ELECTRIC RAILWAYS
IN
CANADA
1938



OTTAWA
1939

Price 15 cents



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

1938

Although the two large electric railway systems in Montreal and Toronto showed slight increases in traffic in 1938 compared with 1937, and the Quebec system showed an increase of 1,151,201 passengers, the total for all systems was 2,115,924 passengers fewer than the 1937 total. The Winnipeg railway showed a reduction of 988,432 passengers, the Hamilton railway a loss of 1,216,394 passengers, the Windsor system a loss of 762,810 passengers and the majority of the other railways recorded losses.

The Montreal system carried almost one-third and the Toronto system a quarter of the total passengers carried by all electric railways, and the nine large systems accounted for 87.7 per cent of the total.

The miles of track operated at the end of the year was reduced to 1,693 compared with 1,771 miles in 1937. The total car and bus miles run increased from 125,310,822 miles in 1937 to 125,423,222 miles. The number of employees was reduced from 14,347, to 14,323 but the total payroll was increased from \$19,778,118 to \$20,100,533.

Gross revenues dropped from \$42,991,444 for 1937 to \$42,537,767 and operating expenses increased from \$29,545,641 to \$29,683,131. The number of electric cars operated, which has been declining each year for some time, dropped from 3,578 for 1937 to 3,565 and the number of buses increased from 653 to 750 and the trackless trolley buses from 7 to 13.

The railways consumed 453,333,867 kilowatt hours during the year for operation of cars.

One passenger was killed in an accident and 1,712 passengers were injured compared with no passengers killed and 1,566 injured in 1937. Also, 17 pedestrians, 15 motorists, 1 employee and 2 occupants of horse-drawn vehicles were killed during the year in accidents in which vehicles of the electric railways were involved. Classified according to vehicles they were charged as follows: 29 to electric cars, 1 to sweepers and work cars, and 6 to motor buses.

Total persons injured amounted to 2,631, including 1,712 passengers, 292 pedestrians, 242 motorists, 71 persons in other vehicles, 101 conductors, 12 motor bus drivers, and 201 other employees.

Table 1.

MILEAGE OPERATED

Year ended December 31	First Main Track	Second Main Track	Total Main Track
1929	1,629.12	565.27	2,194.39
1930	1,500.52	571.37	2,071.89
1931	1,379.03	572.69	1,951.72
1932	1,306.30	560.02	1,866.32
1933	1,297.63	559.57	1,857.20
1934	1,286.16	557.14	1,843.30
1935	1,268.31	557.83	1,826.14
1936	1,247.09	552.77	1,799.86
1937	1,221.88	548.90	1,770.78
1938	1,154.50	538.66	1,693.16

Table 2.

CAPITAL

	Stocks \$	Bonds, etc. \$	Total \$
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
1936	36,727,740	168,334,613	205,062,353
1937	36,727,740	169,045,068	205,772,809
1938	36,727,740	167,878,751	204,606,491

Table 3.

Year ended December 31	Gross Revenues	Operating Expenses	Net Operating Revenue
	⌘	⌘	⌘
1929	58,268,980	40,085,140	18,183,840
1930	54,719,259	59,125,515	15,593,744
1931	49,088,310	55,567,068	13,721,242
1932	43,339,381	51,516,943	11,822,438
1933	59,383,965	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
1936	41,391,927	28,807,311	12,584,616
1937	42,991,444	29,545,641	13,445,803
1938	42,537,767	29,683,131	12,854,636

Table 4.

	Passengers Carried	Freight Carried	Passenger Car Miles
	No.	Tons	
1929	833,496,866	3,653,411	134,666,564
1930	792,701,493	2,872,929	136,240,958
1931	720,468,561	1,977,441	151,200,694
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
1936	614,890,897	2,265,023	119,779,505
1937	631,894,662	2,612,928	122,750,869
1938	629,778,738	2,151,309	123,201,850

Table 5.

	Employees	Salaries and Wages
	No.	⌘
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
1936	14,280	18,958,832
1937	14,347	19,778,118
1938	14,323	20,100,533

Table 6.

No.	Name of Railway	Total Gross Revenues	Total Operating Expenses	Net Operating Revenues
		\$	\$	\$
1.	Brantford Municipal	110,926	96,703	14,223
2.	British Columbia	5,169,072	4,281,285	887,787
3.	Calgary Municipal	637,723	527,686	110,037
4.	Canadian Pacific	381,784	403,331	Dr. 21,547
5.	Cape Breton Tramways	77,193	75,854	1,339
6.	Cornwall Street Railway, Light & Power Co.	130,158	80,862	49,296
7.	Edmonton Radial	698,535	527,617	170,918
8.	Fort William Street	151,375	132,489	Dr. 1,114
9.	Guelph Radial	64,930	60,088	4,842
10.	Hamilton Street	1,054,465	745,868	308,597
11.	Hull Electric	195,806	154,703	41,103
12.	International Transit Company	43,821	39,880	3,941
13.	Kitchener Public Utilities-Street Ry. Dept.	102,080	77,890	24,190
14.	Lethbridge Municipal	34,217	38,257	Dr. 4,040
15.	Levis Tramways Company	122,327	108,224	14,103
16.	London and Port Stanley	267,256	205,319	61,937
17.	London Street	494,000	417,619	76,381
18.	Montreal Tramways	13,037,039	7,992,202	5,044,837
19.	Montreal and Southern Counties	278,761	375,572	Dr. 96,811
20.	Nelson Municipal	15,942	25,996	Dr. 10,054
21.	New Brunswick Power Company	303,681	280,861	22,820
22.	Niagara, St. Catharines and Toronto	598,794	604,550	Dr. 5,756
23.	North Yonge Railways	71,890	70,123	1,767
24.	Nova Scotia Light and Power Co. Ltd.,	538,012	409,005	129,007
25.	Oshawa	210,384	155,501	54,883
26.	Ottawa	1,298,280	797,194	501,086
27.	Port Arthur Civic	140,263	115,083	25,180
28.	Quebec Railway, Light and Power Co.	929,370	866,507	62,863
29.	Regina Municipal	296,625	233,268	63,357
30.	Sandwich, Windsor and Amherstburg	580,871	522,325	58,546
31.	Saskatoon Municipal	213,063	163,864	49,199
32.	Shawinigan Falls Terminal	68,759	56,494	12,265
33.	Suburban Rapid Transit Company	121,399	90,949	30,450
34.	Sudbury, Copper Cliff Suburban	78,249	62,366	15,883
35.	Toronto Transportation Commission	10,851,866	6,445,762	4,406,104
36.	Township of York and Town of Weston	212,761	152,426	60,335
37.	Winnipeg	2,874,299	2,209,932	664,367
38.	Winnipeg, Selkirk and Lake Winnipeg	101,791	79,476	22,315
	TOTAL	42,537,767	29,683,131	12,854,636

Total Income	Taxes	Interest on Funded & Unfunded Debt	Total Deductions from Income	Net Income	Reserve and Special Charges	Dividends
\$	\$	\$	\$	\$	\$	\$
14,284	1,345	20,225	21,570	Dr. 7,286	24,064	...
4,021,136	x 978,142	x 574,712	1,640,133	x 2,381,005	x 1,008,649	x 1,598,576
113,860	...	124,300	124,300	Dr. 10,440	48,114	...
Dr. 16,351	16,564	...	16,564	Dr. 32,915	...	...
2,044	1,366	...	1,423	621	4,000	...
49,296	4,807	9,100	14,325	34,971	22,793	6,000
170,918	53,243	46,244	99,487	71,431	137,096	...
Dr. 1,114	210	41,330	41,618	Dr. 42,732	17,887	...
8,600	247	16,189	19,087	Dr. 10,487	22,441	...
308,597	67,974	122,969	190,943	117,654	103,332	...
41,988	7,686	...	7,686	34,302	41,702	...
44,036	8,284	...	8,284	35,752	10,025	45,000
24,457	403	4,828	5,231	19,226	15,582	...
Dr. 4,040	...	21,245	21,245	Dr. 25,285	8,801	...
14,730	3,623	...	3,623	11,107	11,048	...
156,911	8,443	94,698	128,353	28,558	...	...
77,296	7,887	19,839	27,726	49,570	67,270	...
5,070,519	612,428	2,430,778	3,743,459	1,327,060	1,122,229	630,000
Dr. 94,995	14,929	109,381	138,307	Dr. 233,302	...	...
Dr. 10,054	...	...	...	Dr. 10,054	...	...
177,509	15,720	x 214,698	230,418	Dr. 52,909	x 20,785	...
Dr. 14,296	39,648	1,211	43,542	Dr. 57,838	...	...
1,767	91	...	91	1,676	...	...
850,885	31,826	x 296,284	360,380	x 490,505	x 200,000	x 318,507
58,803	8,043	50,020	58,064	739	...	...
501,086	92,414	98,700	200,021	301,065	170,911	42,236
25,180	107	19,299	19,406	5,774	7,084	...
62,863	50,660	...	50,660	12,203	4,509	...
64,376	...	98,780	98,780	Dr. 34,404	53,984	...
81,624	4,652	333,978	345,291	Dr. 263,687	79,177	...
49,199	7,854	64,994	72,848	Dr. 23,649	46,886	...
12,265	1,848	260	2,108	10,157	...	...
47,176	5,235	x 25,315	30,550	x/ 16,626	x/ 35,264	...
15,924	1,078	5,135	6,213	9,711	11,350	...
4,601,304	252,699	1,342,993	1,636,073	2,965,231	2,930,704	...
60,335	...	40,021	40,021	20,314	108,746	...
2,293,393	x 229,879	x 1,545,205	1,922,204	x 371,189	332,154	...
50,642	8,803	x 20,026	28,829	x/ 21,813	x/ 38,611	...
18,932,153	2,538,138	7,792,757	11,398,863	/ 7,568,726	6,703,176	2,440,319

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

6 Debenture interest paid by the City of London.

/ Included in Winnipeg Electric net income. Adjustment made in total for all railways.

Table 7.

No.	Name of Railway	Total Miles of Track	Fare Passengers Carried
1.	Brantford Municipal	14.81	2,297,275
2.	British Columbia	284.93	71,161,991
3.	Calgary Municipal	77.02	10,197,519
4.	Canadian Pacific	75.36	747,522
5.	Cape Breton Tramways	21.30	1,030,942
6.	Cornwall Street Railway, Light and Power Co.	5.50	1,403,561
7.	Edmonton Radial	52.50	14,233,543
8.	Fort William Street	25.49	2,118,247
9.	Guelph Radial	4.91	993,123
10.	Hamilton Street	40.17	15,734,055
11.	Hull Electric	26.06	2,787,915
12.	International Transit Company	6.14	865,928
13.	Kitchener Public Utilities - Street Ry. Dept.	9.41	2,292,302
14.	Lethbridge Municipal	11.25	650,723
15.	Levis Tramways Company	11.50	1,996,576
16.	London and Port Stanley	26.70	424,350
17.	London Street	9.46	8,890,368
18.	Montreal Tramways	270.91	208,261,207
19.	Montreal and Southern Counties	54.09	2,595,071
20.	Nelson Municipal	3.38	373,730
21.	New Brunswick Power Company	20.63	6,250,885
22.	Niagara, St. Catharines and Toronto	59.20	3,481,958
23.	North Yonge Railways	10.25	861,951
24.	Nova Scotia Light and Power Co., Ltd.	24.91	9,141,788
25.	Oshawa	9.23	574,085
26.	Ottawa	51.74	20,781,630
27.	Port Arthur Civic	19.53	2,229,989
28.	Quebec Railway, Light and Power Company	33.30	16,098,788
29.	Regina Municipal	28.62	5,494,707
30.	Sandwich, Windsor and Amherstburg	16.13	8,398,946
31.	Saskatoon Municipal	19.08	3,459,150
32.	Shawinigan Falls Terminal	3.39	...
33.	Suburban Rapid Transit Company	9.53	2,085,580
34.	Sudbury, Copper Cliff Suburban	7.90	1,066,530
35.	Toronto Transportation Commission	214.75	155,322,324
36.	Township of York and Town of Weston	14.06	4,287,510
37.	Winnipeg	96.89	40,590,585
38.	Winnipeg, Selkirk and Lake Winnipeg	23.13	798,386
TOTAL		1,693.16	629,778,738

Tons of Freight Carried	Total Car & Bus Miles	Conductors, Motormen, Conductor-motormen & Bus Operators	Total Employees	Total Salaries and Wages
...	663,517	30	54	61,990
269,318	17,364,890	1,278	2,081	3,204,707
...	2,458,518	121	204	315,760
284,357	1,026,855	37	201	266,780
...	312,287	14	37	49,377
350,038	402,280	25	50	61,516
...	2,528,869	139	266	389,698
...	673,025	33	67	80,916
43,236	385,682	17	21	51,875
22,080	4,023,850	203	339	428,009
1,576	694,873	34	84	83,954
...	213,750	9	18	28,304
...	313,126	20	36	51,360
...	209,961	8	17	26,443
13,185	538,352	28	67	73,682
207,530	603,897	18	77	106,679
...	2,477,691	100	189	235,060
13,606	32,458,728	2,246	3,947	5,437,518
23,731	862,817	56	175	216,428
...	36,315	8	17	17,544
...	1,395,082	64	125	137,129
645,793	2,369,836	90	287	381,360
...	254,472	...	...	...
...	1,924,800	89	180	290,293
212,320	313,192	17	81	112,598
...	4,262,057	192	420	532,106
...	605,494	24	55	74,863
...	3,314,407	188	433	490,709
58,345	1,134,071	59	114	161,649
519	2,496,297	96	194	325,081
...	998,729	42	80	105,885
...	...	4	18	34,517
...	493,144	...	...	...
...	98,000	12	22	31,916
...	27,633,408	1,569	3,227	4,824,813
...	596,071	...	...	...
...	8,911,390	604	1,121	1,407,669
5,680	373,489	7	19	22,545
2,151,309	125,423,222	7,481	14,323	20,100,533

Table 8.

ELECTRIC RAILWAY PASSENGER TRAFFIC /
1938 COMPARED WITH 1937

Name of Railway	Passengers Carried	Passengers Carried
	1937	1938
Montreal Tramways	208,208,793	208,261,207
Toronto Transportation Commission	154,851,715	155,322,324
British Columbia	71,405,282	71,161,991
Winnipeg	41,579,017	40,590,585
Ottawa	21,122,783	20,781,630
Quebec Railway Light and Power Co.	14,947,587	16,098,788
Hamilton Street	16,950,449	15,734,055
Edmonton Radial	14,024,017	14,233,543
Calgary Municipal	10,473,024	10,197,519
Total	553,562,667	552,381,642
Nova Scotia Light and Power Co., Ltd.	9,266,951	9,141,788
London Street	8,951,909	8,890,368
Sandwich, Windsor and Amherstburg	9,161,756	8,398,946
New Brunswick Power Co.	5,991,050	6,250,885
Regina Municipal	5,449,710	5,494,707
Township of York and Town of Weston	4,271,016	4,287,510
Niagara, St. Catharines and Toronto	3,500,828	3,481,956
Saskatoon Municipal	3,665,629	3,459,150
Hull Electric	2,664,315	2,787,915
Montreal and Southern Counties	2,249,844	2,393,071
Brantford Municipal	2,322,882	2,297,275
Kitchener Public Utilities - Street Ry. Dept.	2,344,835	2,292,302
Port Arthur Civic	2,317,422	2,229,989
Fort William Street	2,100,631	2,118,247
Suburban Rapid Transit	2,070,022	2,085,580
Total	66,328,800	65,609,689
Other 14 systems	12,003,195	11,787,407
GRAND TOTAL	631,894,662	629,778,738

/ - Including passengers carried on motor buses and trackless trolley buses operated by electric railways.

ELECTRIC RAILWAY PASSENGER TRAFFIC /
1938 COMPARED WITH 1937

Per cent of Total	Increase in Passengers Carried (Decrease -) 1938 over 1937		Per cent of Total Increase (Decrease -) 1938
	Number	p.c.	
33.069	52,414	0.025	2.477
24.663	470,609	0.304	22.241
11.300	- 243,291	- 0.341	- 11.498
6.445	- 988,432	- 2.377	- 46.713
3.300	- 341,153	- 1.615	- 16.123
2.556	1,151,201	7.702	54.406
2.498	- 1,216,394	- 7.176	- 57.487
2.260	209,526	1.494	9.902
1.619	- 275,505	- 2.631	- 13.021
87.710	- 1,181,025	- 0.213	- 55.816
1.452	- 125,163	- 1.351	- 5.915
1.412	- 61,541	- 0.687	- 2.908
1.334	- 762,810	- 8.326	- 36.050
0.992	259,835	4.337	12.279
0.872	44,997	0.825	2.127
0.681	16,494	0.386	0.779
0.553	- 18,872	- 0.539	- 0.892
0.549	- 206,479	- 5.633	- 9.758
0.443	123,600	4.639	5.841
0.380	143,227	6.366	6.769
0.365	- 25,607	- 1.102	- 1.210
0.364	- 52,533	- 2.240	- 2.483
0.354	- 87,433	- 3.773	- 4.132
0.336	17,616	0.839	0.832
0.331	15,558	0.752	0.735
10.418	- 719,111	- 1.064	- 33.986
1.872	- 215,788	- 1.798	- 10.198
100.000	- 2,115,924	- 0.335	- 100.000

No.	Name	Rank	Remarks
1	John Smith	Private	Present
2	James Brown	Private	Present
3	William Jones	Private	Present
4	Robert Taylor	Private	Present
5	Thomas White	Private	Present
6	Richard Black	Private	Present
7	Henry Green	Private	Present
8	George Grey	Private	Present
9	Edward Hall	Private	Present
10	Thomas King	Private	Present
11	John Lee	Private	Present
12	James Miller	Private	Present
13	William Moore	Private	Present
14	Robert Parker	Private	Present
15	Thomas Stone	Private	Present
16	Richard Young	Private	Present
17	Henry Adams	Private	Present
18	George Baker	Private	Present
19	Edward Clark	Private	Present
20	Thomas Evans	Private	Present
21	John Foster	Private	Present
22	James Gibson	Private	Present
23	William Hall	Private	Present
24	Robert King	Private	Present
25	Thomas Lee	Private	Present
26	Richard Miller	Private	Present
27	Henry Moore	Private	Present
28	George Parker	Private	Present
29	Edward Stone	Private	Present
30	Thomas Taylor	Private	Present
31	John White	Private	Present
32	James Black	Private	Present
33	William Green	Private	Present
34	Robert Grey	Private	Present
35	Thomas Hall	Private	Present
36	Richard King	Private	Present
37	Henry Lee	Private	Present
38	George Miller	Private	Present
39	Edward Moore	Private	Present
40	Thomas Parker	Private	Present
41	John Stone	Private	Present
42	James Taylor	Private	Present
43	William White	Private	Present
44	Robert Black	Private	Present
45	Thomas Green	Private	Present
46	Richard Grey	Private	Present
47	Henry Hall	Private	Present
48	George King	Private	Present
49	Edward Lee	Private	Present
50	Thomas Miller	Private	Present
51	John Moore	Private	Present
52	James Parker	Private	Present
53	William Stone	Private	Present
54	Robert Taylor	Private	Present
55	Thomas White	Private	Present
56	Richard Black	Private	Present
57	Henry Green	Private	Present
58	George Grey	Private	Present
59	Edward Hall	Private	Present
60	Thomas King	Private	Present
61	John Lee	Private	Present
62	James Miller	Private	Present
63	William Moore	Private	Present
64	Robert Parker	Private	Present
65	Thomas Stone	Private	Present
66	Richard Taylor	Private	Present
67	Henry White	Private	Present
68	George Black	Private	Present
69	Edward Green	Private	Present
70	Thomas Grey	Private	Present
71	John Hall	Private	Present
72	James King	Private	Present
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80	Thomas Black	Private	Present
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82	James Grey	Private	Present
83	William Hall	Private	Present
84	Robert King	Private	Present
85	Thomas Lee	Private	Present
86	Richard Miller	Private	Present
87	Henry Moore	Private	Present
88	George Parker	Private	Present
89	Edward Stone	Private	Present
90	Thomas Taylor	Private	Present
91	John White	Private	Present
92	James Black	Private	Present
93	William Green	Private	Present
94	Robert Grey	Private	Present
95	Thomas Hall	Private	Present
96	Richard King	Private	Present
97	Henry Lee	Private	Present
98	George Miller	Private	Present
99	Edward Moore	Private	Present
100	Thomas Parker	Private	Present

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