CANADA

DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

TRANSPORTATION BRANCH

PRELIMINARY REPORT

on

STATISTICS OF STEAM RAILWAYS

in

CANADA

1927

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Minister of Trade and Commerce.

OTTAWA

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PRELIMINARY REPORT
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The gross revenues from operation for 1927, amounting to $499,064,207, were the largest earned by the railways in Canada, but the operating expenses were also heavy, exceeding those of the previous year by $18,142,828 and net operating revenue was less than in 1926 by $12,678,375. Deductions from the income were also larger than in 1926, especially interest, which increased by $2,950,303, and the net deficit of the railways as a whole amounted to $28,713,951, as against a deficit of $14,496,882 for 1926.

Increases in wages accounted for $14,892,478 of this greater deficit but this larger wage bill was for an average of 2,072 more employees than in 1926. The wages charged to operation increased by 6.6 per cent and the total pay roll by 5.4 per cent for an increase in the number of employees of 1.2 per cent. Coal consumption by locomotives increased by 2 per cent, locomotive miles by 3.1 per cent, revenue ton miles by 2 per cent and passenger train miles by 2.7 per cent, whereas the gross revenues were increased by only 1.1 per cent and overhead charges, including interest and rentals, increased by 5.3 per cent. Increases in rates of wages and in interest and rentals, coupled with a slightly lower average freight receipt per ton mile, more than offset any improvements in operation during the year.

The Maritime Freight Rates Act, effective July 1, 1927, ordered that the accounts of the Canadian National lines east of Levis and Diamond Junction, Quebec, be kept separate from those of the remainder of the Canadian National system. These lines were designated as the Eastern Lines of the Canadian National Railway and the territory, which included Prince Edward Island, Nova Scotia, New Brunswick and a part of Quebec, as the select territory. The Act also ordered that local and west-bound freight rates on the Eastern Lines and freight rates on all east-bound traffic originating on these lines be reduced by 20 per cent. The reductions applied only to rates on the Eastern Lines and not to railways beyond the select territory. Other railways operating in the select territory were allowed to make similar reductions in their freight rates in the select territory and to bill on the Board of Railway Commissioners of Canada for the difference in freight receipts due to such reductions. The railways making such reductions included these bills with their revenues and consequently their revenues were not reduced by the change in the rates, but the Eastern Lines included as freight revenue only the amounts of the freight bills. The Act provides that any deficit from the operation of these lines shall be met by a separate appropriation by the Dominion Government. For the six months, July - December, the Eastern Lines report a loss in revenues due to these reductions in rates of $931,810 and the deficit was therefore increased by that amount.

To facilitate comparisons with previous data, the revenues, expenses and other data of the Eastern Lines (for six months) and of the Canadian National Railway have been added and the totals shown. These totals exclude inter-company transactions and show only the net amounts for both the Canadian National Railway in Canada and the entire Canadian National system. The latter have been shown at the foot of the tables and do not include the Central Vermont accounts, which, for the lines in Canada, are shown separately.

The 1926 freight traffic was the previous high record for Canadian railways, but the revenue freight carried in 1927 was heavier by over three-quarters of a million tons. Forest products contributed 676,385 tons of the increase, pulpwood being particularly heavy with an increase of 710,698 tons which was exceeded only by clay, gravel, sand and crushed stone which increased by 739,300 tons.

Manufactures and miscellaneous freight showed an increase of 471,263 tons, mainly from increases of 207,157 tons of refined petroleum and its products, gasoline being the principal commodity in this group, 173,193 tons of cement, 112,741 tons of fertilizer, 190,281 tons of paper and printed matter and 109,167 tons of merchandise. The decrease of 54,506 tons in automobile tonnage was entirely in the traffic passing through Canada as the loadings and imports both showed increases. Sugar showed a decrease of 78,836 tons, loadings in Canada and in-transit freight showing declines. Bar, sheet and structural iron and iron pipe was lighter by 72,887 tons, entirely from decreases in imports and in-transit freight as the loadings increased by 49,398 tons. The increase of 66,438 tons in agricultural implements, practically all in loadings and imports, and of 112,741 tons in fertilizers indicates increased activity and development in the farming industry. The very large increase in the movement of pulpwood of 710,698 tons with the increase in the tonnage of paper of 190,281 tons and the decrease of 215,821 tons in the wood pulp traffic indicates that a larger amount of the pulpwood is being manufactured into paper in self-contained mills instead of into wood pulp for other mills. The exports of wood pulp also show a decrease of 114,186 tons, but the exports of paper, printed matter and books increased by 157,653 tons. Canned meats showed an increase of 5,413 tons, but other canned goods declined in the in-transit shipments. Agricultural products increased by only 41,503 tons, the declines in oats of 363,295 tons, in hay and straw of 263,665 tons, in barley of 95,155 tons, in flax of 36,142 tons, in other grains of 10,146 tons and in apples and other fresh fruit of 52,829 tons and 3,730 tons respectively, reducing the gains made by wheat of 429,244 tons, by rye of 292,161 tons and smaller increases made by other commodities. Animal products were lighter than in 1926 by 66,389 tons, cattle and calves, meats, other packing house products and butter and cheese all being lighter. Anthracite coal showed a decrease of 1,020,635 tons, but the decrease in bituminous coal was more than offset by an increase in lignite coal. The increases in clay, gravel, sand and crushed stone and in asphaltum were undoubtedly due to extensive road work and other construction. Exports and imports referred to above include only railway freight delivered to and received from foreign rail and water connections as reported on the monthly traffic reports.

Passenger data showed fewer passengers carried by 845,616, or 2 per cent, but the passenger miles increased by 1.8 per cent, the average journey being 72.9 miles as against 70.3 miles in 1926.

There was a slight decrease in the total number of freight cars of all kinds in service, but the total capacity was increased, the average capacity increasing from 36.812 tons in 1926 to 37.049 tons. The number of locomotives in service also decreased by 9 but the total tractive power was increased; the average for 1927 was 34,689 pounds as against 34,473 pounds in 1926. Locomotives also showed a smaller consumption of coal per engine mile. In freight service the consumption per 100 locomotive miles was 8.08 tons as against 8.21 tons in 1926 and in passenger service 4.43 tons as against 4.47 tons in 1926.

During the year 14 passengers were killed, 6 in train collisions, 5 getting on and off trains and 3 struck by trains at stations. There were 105 employees killed, 59 of them being trainmen and 30 trackmen. Collisions accounted for 16 of these casualties and derailments for 14 of them while 9 were killed coupling and uncoupling cars, 20 fell off cars and 37 were struck by trains. Besides passengers and employees, trespassers and other persons numbering 248 were killed in train accidents. From other causes 34 persons were killed making a total of 401 persons killed by railways during the year. The total injured amounted to 2,947 in train accidents and 9,376 from other causes, making a total of 12,323 persons, of which 11,057 were employees and 58 were postal clerks and other such persons. The casualties at highway crossings were fewer than in 1926, amounting to 36 at urban crossings and 60 at rural crossings, as against 48 and 96 respectively in 1926. The number of persons injured at rural crossings increased from 171 to 200, those riding in automobiles increasing from 147 in 1926 to 174. The number of persons killed and injured at rural highway crossings has more than doubled since 1919 whereas persons killed at urban highway crossings have fluctuated

but have not materially increased, although those injured increased from 95 in 1919 to 147 in 1927. The automobile is mainly responsible for these increases in accidents and the registration of motor vehicles has almost trebled since 1919.

In these statistics the following instructions to the railways govern the classification of accidents.-

Accidents to persons resulting in immediate death or death within twenty four hours from the time the accident occurred should be reported under the heading "Killed." All other accidents to persons, including those resulting in death of the person injured after an interval of more than twenty four hours from the time the accident occurred, should be reported under the heading "Injured." Accidents to employees, resulting in slight injuries which do not prevent the employee injured from performing his accustomed service for more than three days in the aggregate during the ten days immediately following the accident, should not be reported.

This report shows for the first time the Pembina Valley railway, which, on Dec.31, operated from Busby to Barrhead, Alberta, a distance of 26.51 miles, and the Alma and Jonquiere railway with terminals at Isle Maligne, Quebec, and Saguenay Power Junction, connecting with the Canadian National railway at the latter station. The Massawippi Valley was leased to the Quebec Central railway and the line from the international boundary near Haskett to Morden, Manitoba, was transferred from the Manitoba Great Northern railway to the Brandon, Saskatchewan and Hudson Bay railway during the year. Construction work was under way on the Hudson Bay railway to the new terminal at Churchill, but the railway was not opened for operation and no report was made on mileage completed.

25/10/28/GA

INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1927.

No.	Name of Railway	Total Operating Revenues	Total Operating Expenses
		$	$
1.	Alberta and Great Waterways	288,975.81	274,035.56
2.	Algoma Central and Hudson Bay	2,021,599.51	1,834,469.29
3.	Algoma Eastern	808,574.39	545,368.55
4.	Alma and Jonquiere	96,565.30	71,206.44
5.	Atlantic, Quebec and Western	241,939.59	262,296.87
6.	Brandon, Sask. and Hudson Bay	97,841.31	129,516.17
7.	British Yukon	190,779.98	128,990.70
8.	Canada and Gulf Terminal	122,855.81	93,823.87
9.	Canada Southern	23,275,971.51	13,853,171.34
10.	Canadian National	215,432,356.99	183,932,853.24
11.	Eastern Lines	12,128,570.21	14,713,852.43
12.	Total	227,560,927.20	198,646,705.67
13.	Canadian Pacific	201,805,486.40	159,060,224.36
14.	Central Canada	78,640.16	168,018.57
15.	Central Vermont	294,632.20	278,685.82
16.	Crow's Nest Southern	173,032.07	132,811.57
17.	Cumberland	178,938.00	149,885.13
18.	Dominion Atlantic	1,726,066.37	1,548,735.63
19.	Eastern British Columbia	70,589.54	79,809.42
20.	Edmonton, Dunvegan & British Columbia	1,321,069.46	1,180,684.95
21.	Esquimalt and Nanaimo	1,673,869.62	1,083,475.50
22.	Essex Terminal	293,322.04	192,065.06
23.	Fredericton and Grand Lake Coal & Railway Co.	111,345.86	70,508.08
24.	Greater Winnipeg Water District	88,140.70	89,219.61
25.	Kent Northern	29,437.53	33,215.33
26.	Kettle Valley	2,003,044.53	1,509,930.18
27.	Lacombe and North Western	83,556.02	76,216.00
28.	Maine Central	18,423.14	21,063.15
29.	Manitoba Great Northern	8,283.33	16,690.51
30.	Maritime Coal, Railway and Power Co.	113,473.42	73,024.13
31.	Midland Railway of Manitoba	456,906.64	491,224.51
32.	Montreal and Atlantic	1,585,867.63	1,609,015.21
33.	Morrissey, Fernie and Michel	134,337.97	97,640.98
34.	Napierville Junction	687,696.34	358,609.15
35.	Nelson and Fort Sheppard	98,177.92	107,342.78
36.	New Brunswick Coal and Railway Co.	45,089.70	91,185.45
37.	Nipissing Central	116,555.93	126,922.30
38.	Ottawa and New York	293,499.29	391,766.12
39.	Pacific Great Eastern	474,395.98	664,635.77
40.	Pembina Valley	3,690.00	6,077.93
41.	Pere Marquette	5,462,231.23	3,118,938.28
42.	Quebec Central	3,340,322.18	2,553,529.10
43.	Quebec, Montreal and Southern	673,246.24	837,957.16
44.	Quebec Oriental	340,706.66	280,088.21
45.	Quebec Railway, Light and Power Co.	698,351.04	497,841.45
46.	Roberval - Saguenay	503,595.29	373,418.33
47.	Rutland and Noyan	5,089.40	8,148.28
48.	St. Lawrence and Adirondack	1,041,211.11	805,281.68
49.	Sydney and Louisburg	1,783,392.76	1,204,548.53
50.	Temiscouata	416,628.97	330,151.09
51.	Temiskaming and Northern Ontario	5,149,259.71	3,737,067.06
52.	Thousand Islands	85,249.79	74,918.29
53.	Toronto, Hamilton and Buffalo	3,399,026.18	2,132,479.77
54.	Vancouver, Victoria and Eastern	704,737.46	684,346.58
55.	Wabash (in Canada)	6,787,560.93	5,459,298.87
	TOTAL	499,064,207.15	407,646,280.34
	Canadian National (Can. & U.S.)	268,704,294.28	229,175,600.05

INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1927

No.	Net Operating Revenue	Railway Tax Accruals	Uncollectable Railway Revenue	Net Operating Income
	$	$	$	$
1.	14,940.25	5,233.41	-	9,706.84
2.	187,130.22	34,488.67	-	152,641.55
3.	263,205.84	2,087.76	-	261,118.08
4.	25,358.86	535.57	-	24,823.29
5.	- 20,357.28	3,432.89	-	- 23,790.17
6.	- 31,674.86	1,934.20	-	- 33,609.06
7.	61,789.28	8,804.44	-	52,984.84
8.	29,031.94	1,586.20	-	27,445.74
9.	9,422,800.17	733,507.01	308.93	8,688,984.23
10.	31,499,503.75	2,952,005.93	34,200.90	28,513,296.92
11.	- 2,585,282.22	129,302.88	581.12	- 2,715,166.22
12.	28,914,221.53	3,081,308.81	34,782.02	25,798,130.70
13.	42,745,262.04	4,999,197.72	-	37,746,064.32
14.	- 89,378.41	1,041.77	-	- 90,420.18
15.	15,946.38	3,036.50	-	12,909.88
16.	40,220.50	16,741.87	-	23,478.63
17.	29,052.87	2,998.00	-	26,054.87
18.	177,330.74	19,114.38	-	158,216.36
19.	- 9,219.88	3,141.70	-	- 12,361.58
20.	140,384.51	9,055.42	-	131,329.09
21.	590,394.12	79,759.43	-	510,634.69
22.	101,256.98	17,888.92	-	83,368.06
23.	40,837.78	3,122.00	-	37,715.78
24.	- 1,078.91	-	-	- 1,078.91
25.	- 3,777.80	150.14	-	- 3,927.94
26.	493,114.35	75,483.89	20.71	417,609.75
27.	7,340.02	906.01	-	6,434.01
28.	- 2,640.01	701.59	-	- 3,341.60
29.	- 8,407.18	733.66	-	- 9,140.84
30.	40,449.29	735.89	-	39,713.40
31.	- 34,317.87	44,373.06	-	- 78,690.93
32.	- 23,147.58	35,163.44	-	- 58,311.02
33.	36,696.99	237.65	-	36,459.34
34.	329,087.19	18,500.00	19.12	310,568.07
35.	- 9,164.86	12,381.92	-	- 21,546.78
36.	- 46,095.75	40.00	-	- 46,135.75
37.	- 10,366.37	-	-	- 10,366.37
38.	- 98,266.83	12,693.93	-	- 110,960.76
39.	- 190,239.79	-	49.47	- 190,289.26
40.	- 2,387.93	-	-	- 2,387.93
41.	2,343,292.95	74,856.53	21.70	2,268,414.72
42.	786,793.08	54,861.18	-	731,931.90
43.	- 164,710.92	11,040.00	87.63	- 175,838.55
44.	60,618.45	3,485.33	-	57,133.12
45.	200,509.59	13,267.56	-	187,242.03
46.	130,176.96	2,593.59	-	127,583.37
47.	- 3,058.88	20.00	-	- 3,078.88
48.	235,929.43	14,866.29	.90	221,062.24
49.	578,844.23	4,379.80	-	574,464.43
50.	86,477.88	7,368.29	-	79,109.59
51.	1,412,192.65	-	-	1,412,192.65
52.	10,331.50	550.13	-	9,781.37
53.	1,266,546.41	130,101.73	3,604.92	1,132,839.76
54.	20,390.88	123,846.67	-	- 103,455.79
55.	1,328,262.06	5,232.31	-	1,323,029.75
	91,417,926.81	9,676,587.26	38,895.40	81,702,444.15
	39,528,694.23	4,661,939.76	45,448.01	34,821,306.46

INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1927

No.	Name of Railway		Net Income from Outside Operations	Total Non-operating Income
			$	$
1.	Alberta and Great Waterways	Dr.	3,199.56	41,779.25
2.	Algoma Central and Hudson Bay		-	195,038.01
3.	Algoma Eastern		-	8,403.78
4.	Alma and Jonquiere		-	360.82
5.	Atlantic, Quebec and Western		-	18,133.18
6.	Brandon, Sask. and Hudson Bay		-	8,715.53
7.	British Yukon		-	15,965.00
8.	Canada and Gulf Terminal		-	2,901.99
9.	Canada Southern		-	279,573.84
10.	Canadian National	Dr.	14,954.91	14,600,720.87
11.	Eastern Lines		1,832.99	175,424.74
12.	Total	Dr.	13,121.92	14,497,246.35
13.	Canadian Pacific		3,136,024.08	11,077,032.22
14.	Central Canada		961.63	4,043.12
15.	Central Vermont		-	21,483.97
16.	Crow's Nest Southern		-	53,594.65
17.	Cumberland Railway and Coal Co.		-	-
18.	Dominion Atlantic		18,141.10	2,691.33
19.	Eastern British Columbia		-	4,714.00
20.	Edmonton, Dunvegan & British Columbia		328.88	45,079.24
21.	Esquimalt and Nanaimo		-	-
22.	Essex Terminal		-	26,995.51
23.	Fredericton & Grand Lake Coal & Railway Co.		-	-
24.	Greater Winnipeg Water District		-	6,847.00
25.	Kent Northern		-	-
26.	Kettle Valley		-	163,018.71
27.	Lacombe and North Western		152.09	5,637.06
28.	Maine Central		-	311.29
29.	Manitoba Great Northern		-	1,008.08
30.	Maritime Coal, Railway and Power Co.		-	-
31.	Midland Railway of Manitoba		-	42,703.25
32.	Montreal and Atlantic		-	1,400.00
33.	Morrissey, Fernie and Michel		-	1,214.92
34.	Napierville Junction		-	36,965.75
35.	Nelson and Fort Sheppard		-	13,317.17
36.	New Brunswick Coal and Railway Co.		-	-
37.	Nipissing Central		-	4.00
38.	Ottawa and New York		-	4,702.19
39.	Pacific Great Eastern		-	14,833.74
40.	Pembina Valley		3,022.48	600.00
41.	Pere Marquette		-	165,320.60
42.	Quebec Central		-	4,048.27
43.	Quebec, Montreal and Southern		-	317,593.50
44.	Quebec Oriental		-	6,957.40
45.	Quebec Railway Light and Power Co.		-	-
46.	Roberval-Saguenay		-	3,336.93
47.	Rutland and Noyan		-	4,000.00
48.	St. Lawrence and Adirondack		-	2,869.24
49.	Sydney and Louisburg		-	-
50.	Temiscouata		-	3,725.77
51.	Temiskaming and Northern Ontario		-	62,218.13
52.	Thousand Islands		-	775.97
53.	Toronto, Hamilton and Buffalo		-	409,770.33
54.	Vancouver, Victoria and Eastern		-	410,423.77
55.	Wabash (in Canada)		-	-
	TOTAL		3,142,308.78	28,266,254.12
	Canadian National (Can. & U.S.)		13,121.92	8,838,977.01

INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1927

No.	Gross Corporate Income	Interest on Funded and Unfunded Debt	All Other Non-operating Expenses	Total Non-operating Expenses	Net Corporate Income
	$	$	$	$	$
1.	48,286.53	737,772.22	29,062.64	766,834.86	- 718,548.33
2.	347,679.56	504,000.00	251,588.84	755,588.84	- 407,909.28
3.	269,521.86	111,472.95	81,615.54	193,088.49	76,433.37
4.	25,184.11	-	6,185.17	6,185.17	18,998.94
5.	- 5,656.99	229,933.75	37,691.32	267,625.07	- 273,282.06
6.	- 24,893.53	-	9,685.69	9,685.69	- 34,579.22
7.	68,949.84	86,463.18	2,064.85	88,528.03	- 19,578.19
8.	30,347.73	57,000.00	8,550.00	65,550.00	- 35,202.27
9.	8,968,558.07	-	3,059,142.31	3,059,142.31	5,909,415.76
10.	43,099,062.88	72,029,200.53	5,442,889.57	77,472,090.10	-34,373,027.22
11.	- 2,537,908.49	450,812.78	275,973.23	726,786.01	-3,264,694.50
12.	40,282,255.13	72,421,631.01	5,498,345.84	77,919,976.85	-37,637,721.72
13.	51,959,120.62	13,107,789.67	3,340,567.21	16,448,356.88	35,510,763.74
14.	- 85,415.43	176,652.52	26,651.00	203,303.52	- 288,718.95
15.	34,393.85	45,514.15	17,534.33	63,048.48	- 28,654.63
16.	77,073.28	-	21,177.70	21,177.70	55,895.58
17.	26,054.87	-	2,520.55	2,520.55	23,534.32
18.	179,048.79	239,926.67	186,054.11	425,980.78	- 246,931.99
19.	- 7,647.58	-	5,534.38	5,534.38	- 13,181.96
20.	176,737.21	753,915.91	182,832.67	936,748.58	- 760,011.37
21.	510,634.69	282,927.21	131,986.32	414,913.53	95,721.16
22.	110,363.57	21,000.00	-	21,000.00	89,363.57
23.	37,715.78	-	61,303.18	61,303.18	- 23,587.40
24.	5,768.09	-	4,604.50	4,604.50	1,163.59
25.	- 3,927.94	-	1,268.00	1,268.00	- 5,195.94
26.	580,628.46	623,400.00	173,360.64	796,760.64	- 216,132.18
27.	12,223.16	136,690.24	9,525.47	146,215.71	- 133,992.55
28.	- 3,030.31	2,865.84	299.89	3,165.73	- 6,196.04
29.	- 8,132.76	-	Cr. 4,588.64	Cr. 4,588.64	- 3,544.12
30.	39,713.40	27,900.00	7,770.00	35,670.00	4,043.40
31.	- 35,987.68	-	130,074.17	130,074.17	- 166,061.85
32.	- 56,911.02	52,650.00	68,203.65	120,853.65	- 177,764.67
33.	37,674.26	-	-	-	37,674.26
34.	347,533.82	16.66	75,871.98	75,888.64	271,645.18
35.	- 8,229.61	-	7,787.56	7,787.56	- 16,017.17
36.	- 46,135.75	-	7,733.53	7,733.53	- 53,869.28
37.	- 10,362.37	-	26,910.63	26,910.63	- 37,273.00
38.	- 106,258.57	-	74,623.95	74,623.95	- 180,882.52
39.	- 175,455.52	2,405,229.54	97,683.45	2,502,912.99	-2,678,368.51
40.	1,234.55	-	1,882.97	1,882.97	- 648.42
41.	2,433,735.32	135,000.00	1,427,742.31	1,562,742.31	870,993.01
42.	735,980.17	315,960.92	113,257.15	429,218.07	306,762.10
43.	141,754.95	228,995.02	9,926.98	238,922.00	- 97,167.05
44.	64,090.52	103,779.70	27,216.59	130,996.29	- 66,905.77
45.	187,242.03	-	-	-	187,242.03
46.	130,920.30	93,100.00	29,200.53	122,300.53	8,619.77
47.	921.12	4,000.00	-	4,000.00	- 3,078.88
48.	223,931.48	49,007.55	226,686.78	275,694.33	- 51,762.85
49.	574,464.43	-	35,252.56	35,252.56	539,211.87
50.	82,835.36	57,126.71	23,091.77	80,218.48	2,616.88
51.	1,474,410.78	73,401.11	196,834.62	270,235.73	1,204.175.05
52.	10,557.34	-	1,323.92	1,323.92	9,233.42
53.	1,542,610.09	222,076.71	57,034.44	279,111.15	1,263,498.94
54.	306,967.98	-	264,381.25	264,381.25	42,586.73
55.	1,323,029.75	-	471,446.79	471,446.79	851,582.96
	113,111,007.05	93,365,581.54	16,747,018.05	110,112,599.59	2,998,407.46
	43,647,161.55	73,329,215.92	7,955,667.35	81,284,883.27	-37,637,721.72

MILEAGE OPERATED

TRAIN MILEAGE FOR THE YEAR ENDED DECEMBER 31, 1927

No.	Name of Railway	Miles of Road Operated	Mileage of Revenue Freight Trains	Mileage of Revenue Passenger Trains
1.	Alberta and Great Waterways	304.89	2,396	-
2.	Algoma Central and Hudson Bay	324.00	284,224	-
3.	Algoma Eastern	88.52	61,077	326
4.	Alma and Jonquiere	10.60	-	-
5.	Atlantic, Quebec and Western	104.31	33,698	47,747
6.	Brandon, Sask. and Hudson Bay	84.70	16,513	45,781
7.	British Yukon	90.32	-	4,863
8.	Canada and Gulf Terminal	38.10	-	-
9.	Canada Southern	381.04	1,881,307	2,383,277
10.	Canadian National	17,751.69	27,278,198	19,971,633
11.	Eastern Lines	3,108.04	1,765,000	1,737,329
12.	Total	20,859.73	29,043,198	21,708,962
13.	Canadian Pacific	14,170.20	25,650,430	19,660,411
14.	Central Canada	86.61	23,784	17,974
15.	Central Vermont	25.33	32,750	62,625
16.	Crow's Nest Southern	53.01	20,988	7,894
17.	Cumberland Railway & Coal Co.	31.29	3,840	424
18.	Detroit River Tunnel Co.	3.26	-	-
19.	Dominion Atlantic	304.54	131,109	268,629
20.	Eastern British Columbia	13.04	-	-
21.	Edmonton, Dunvegan & British Columbia	428.04	200,409	91,287
22.	Esquimalt and Nanaimo	209.70	198,966	176,318
23.	Essex Terminal	21.00	6,113	-
24.	Fredericton & Grand Lake Coal & Ry. Co.	31.10	-	-
25.	Greater Winnipeg Water District	92.00	-	-
26.	International Bridge and Terminal Co.	1.06	-	-
27.	Kent Northern	27.00	-	-
28.	Kettle Valley	404.70	213,052	230,084
29.	Lacombe and North Western	71.56	1,480	-
30.	Maine Central	5.10	400	1,405
31.	Manitoba Great Northern	-	2,302	7,022
32.	Maritime Coal, Railway and Power Co.	16.40	10,229	-
33.	Midland Railway of Manitoba	75.76	48,213	97,289
34.	Montreal and Atlantic	184.60	255,054	290,912
35.	Morrissey, Fernie & Michel	6.15	-	-
36.	Napierville Junction	42.99	36,753	106,539
37.	Nelson and Fort Sheppard	60.79	18,840	4,509
38.	New Brunswick Coal and Railway Co.	59.20	-	-
39.	Nipissing Central	58.60	20,245	49,404
40.	Ottawa and New York	58.77	37,500	75,780
41.	Pacific Great Eastern	360.80	29,536	9,927
42.	Pembina Valley	26.51	-	-
43.	Pere Marquette	336.88	874,934	138,806
44.	Quebec Central	359.35	304,831	351,664
45.	Quebec, Montreal and Southern	198.83	58,422	48,632
46.	Quebec Oriental	98.15	53,950	46,400
47.	Quebec Railway Light and Power Co.	25.55	30,983	14,904
48.	Roberval - Saguenay	41.82	19,237	20,310
49.	Rutland and Noyan	3.36	1,839	-
50.	St. Lawrence and Adirondack	60.26	82,121	177,772
51.	Sydney and Louisburg	76.97	163,032	33,790
52.	Temiscouata	113.25	47,925	50,706
53.	Temiskaming and Northern Ontario	388.50	571,682	618,081
54.	Thousand Islands	6.08	4,131	32,920
55.	Toronto, Hamilton and Buffalo	111.03	169,712	244,218
56.	Van Buren Bridge Co.	.36	-	-
57.	Vancouver, Victoria and Eastern	285.38	24,875	77,239
58.	Wabash (in Canada)	245.40	1,412,661	347,007
	TOTAL	41,566.49	62,084,741	47,551,838
	Canadian National (Can. & U.S.)	22,199.03	33,509,709	24,126,938

TRAIN MILEAGE FOR THE YEAR ENDED DECEMBER 31, 1927

No.	Mileage of Revenue Mixed Trains # Freight	Mileage of Revenue Mixed Trains # Passenger	Special Revenue Train Mileage	Total Revenue Train Mileage	Mileage of Non-revenue Trains
1.	36,404	10,802	620	50,222	7,047
2.	139,143	43,940	-	467,307	58,647
3.	21,854	32,782	274	116,313	1,575
4.	-	-	-	-	-
5.	10,161	2,343	-	93,949	724
6.	-	-	207	62,501	450
7.	21,826	13,378	354	40,421	1,086
8.	8,162	4,898	-	13,060	-
9.	75,637	10,571	-	4,350,792	85,705
10.	2,507,115	541,049	32,831	50,330,826	2,338,963
11.	338,104	124,292	2,660	3,967,385	153,461
12.	2,845,219	665,341	35,491	54,298,211	2,492,424
13.	1,830,780	375,437	27,342	47,544,400	1,257,467
14.	48	38	172	42,016	1,693
15.	-	-	-	95,375	675
16.	-	-	-	28,882	4,873
17.	17,408	7,398	-	29,070	-
18.	-	-	-	-	-
19.	142,777	25,197	604	568,316	13,689
20.	6,416	1,096	1,266	8,778	248
21.	1,036	84	864	293,680	34,696
22.	-	-	262	375,546	16,371
23.	-	-	-	6,113	-
24.	23,110	-	-	23,110	-
25.	-	-	-	-	-
26.	-	-	-	-	-
27.	8,750	8,750	-	17,500	-
28.	19,956	2,427	299	465,818	68,410
29.	13,569	3,017	-	18,066	1,157
30.	6,424	1,381	-	9,610	170
31.	-	-	-	9,324	292
32.	9,920	4,960	-	25,109	-
33.	53	13	536	146,104	132
34.	5,449	3,287	119	554,821	13,203
35.	29,373	10,000	-	39,373	-
36.	-	-	-	143,292	489
37.	-	-	-	23,349	2,455
38.	24,400	10,946	-	35,346	-
39.	2,807	347	34	72,837	4,652
40.	-	-	60	113,340	3,960
41.	40,960	22,990	464	103,877	48,279
42.	1,010	134	-	1,144	178
43.	91,314	29,504	-	1,134,558	5,241
44.	116,929	38,977	-	812,401	6,265
45.	66,525	9,415	27	183,021	4,079
46.	8,847	5,657	-	114,854	392
47.	2,143	1,832	-	49,862	272
48.	15,044	6,786	-	61,377	-
49.	-	-	-	1,839	30
50.	-	-	53	259,946	8,909
51.	15,024	5,008	392	217,246	-
52.	13,806	6,226	-	118,663	5,651
53.	65,461	31,115	928	1,287,267	54,230
54.	-	-	-	37,051	6,522
55.	-	-	-	413,930	15,376
56.	-	-	-	-	-
57.	43,906	10,494	582	157,096	8,217
58.	-	-	-	1,759,668	-
	5,781,651	1,406,571	70,950	x 116,895,751	4,235,931
	2,924,679	706,937	39,187	61,307,450	2,618,805

Divided on car mileage basis

x Exclusive of motor miles.

TONS AND PASSENGERS CARRIED AND CAR MILEAGE FOR YEAR ENDED DECEMBER 31, 1927

No.	Name of Railway	Tons Carried	Tons Carried One Mile
1.	Alberta and Great Waterways	44,994	4,861,993
2.	Algoma Central and Hudson Bay	604,738	136,624,792
3.	Algoma Eastern	1,339,059	24,158,493
4.	Alma and Jonquiere	95,111	-
5.	Atlantic, Quebec and Western	192,762	6,299,803
6.	Brandon, Sask. and Hudson Bay	38,570	1,308,942
7.	British Yukon	13,467	1,075,923
8.	Canada and Gulf Terminal	60,636	943,067
9.	Canada Southern	8,734,016	1,201,599,867
10.	Canadian National	47,432,206	15,975,268,383
11.	Eastern Lines	3,060,615	876,890,066
12.	Total	49,005,625	16,852,158,449
13.	Canadian Pacific	34,374,152	14,514,230,389
14.	Central Canada	51,484	3,492,715
15.	Central Vermont	592,436	13,865,611
16.	Crow's Nest Southern	312,754	15,294,623
17.	Cumberland Railway & Coal Co.	433,321	3,077,598
18.	Dominion Atlantic	366,135	29,512,233
19.	Eastern British Columbia	144,136	1,661,452
20.	Edmonton, Dunvegan and British Columbia	357,653	69,887,386
21.	Esquimalt and Nanaimo	1,605,461	44,440,234
22	Essex Terminal	33,930	339,300
23.	Fredericton and Grand Lake Coal & Railway Co.	129,124	3,858,468
24.	Greater Winnipeg Water District	89,668	-
25.	Kent Northern	10,397	300,000
26.	Kettle Valley	1,363,404	102,616,472
27.	Lacombe and North Western	39,605	1,353,552
28.	Maine Central	167,435	853,919
29.	Manitoba Great Northern	6,457	34,714
30.	Maritime Coal Railway and Power Co.	189,206	2,088,120
31.	Midland Railway of Manitoba	154,038	10,881,576
32.	Montreal and Atlantic	1,257,168	67,592,197
33.	Morrissey, Fernie and Michel	451,520	2,754,365
34.	Napierville Junction	756,169	20,971,067
35.	Nelson and Fort Sheppard	57,746	1,710,438
36.	New Brunswick Coal and Railway Co.	137,307	1,093,272
37.	Nipissing Central	84,860	1,341,917
38.	Ottawa and New York	205,498	9,811,305
39.	Pacific Great Eastern	59,421	4,693,064
40.	Pembina Valley	5,557	127,442
41.	Pere Marquette	3,022,292	458,062,884
42.	Quebec Central	1,545,573	106,923,942
43.	Quebec, Montreal and Southern	647,761	30,250,686
44.	Quebec Oriental	150,672	11,091,968
45.	Quebec Railway Light and Power Co.	352,701	4,683,780
46.	Roberval-Saguenay	429,952	6,969,472
47.	Rutland and Noyan	112,052	376,495
48.	St. Lawrence and Adirondack	1,474,015	48,307,735
49.	Sydney and Louisburg	5,113,385	67,480,776
50.	Temiscouata	261,792	9,880,787
51.	Temiskaming and Northern Ontario	1,286,554	232,417,585
52.	Thousand Islands	-	336,072
53.	Toronto, Hamilton and Buffalo	3,169,647	119,062,133
54.	Vancouver, Victoria and Eastern	379,172	9,054,178
55.	Wabash (in Canada)	2,969,655	639,839,264
	TOTAL	125,967,439	34,901,652,515
	Canadian National (Can. & U.S.)	62,104,477	19,463,850,407

TONS AND PASSENGERS CARRIED AND CAR MILEAGE FOR YEAR ENDED DECEMBER 31, 1927

No.	Passengers Carried	Passengers Carried One Mile	Freight Car Miles: Freight Loaded	Freight Car Miles: Freight Empty	Total Passenger Train Car Miles
1.	12,383	1,273,144	379,175	239,082	185,924
2.	50,647	3,003,622	3,915,182	2,241,695	536,336
3.	27,745	1,026,060	665,010	551,551	169,361
4.	-	-	-	-	-
5.	46,285	1,552,477	289,353	144,713	245,753
6.	25,072	865,596	77,465	42,648	96,665
7.	18,795	962,474	126,493	64,209	143,711
8.	54,677	1,011,200	60,762	30,822	12,994
9.	1,517,946	187,965,173	74,771,765	47,039,832	24,925,210
10.	18,006,192	1,268,287,591	712,916,855	366,435,925	151,787,892
11.	1,793,864	108,190,727	41,054,059	13,706,672	13,488,570
12.	19,800,056	1,376,478,318	753,970,914	380,142,597	165,276,462
13.	13,602,337	1,270,090,498	607,077,159	296,571,121	153,079,590
14.	13,602	557,190	182,986	100,893	54,968
15.	157,273	3,407,431	633,622	352,650	382,456
16.	5,810	174,553	419,093	374,760	16,016
17.	36,393	410,702	114,507	114,506	52,317
18.	380,510	14,904,379	2,219,584	982,582	1,839,210
19.	4,969	55,974	39,548	38,594	7,512
20.	61,719	8,007,465	3,496,891	1,964,552	716,256
21.	145,164	4,798,432	1,753,346	1,312,813	847,550
22.	-	-	122,260	96,692	-
23.	13,023	278,638	145,347	87,690	26,012
24.	11,518	575,736	-	-	-
25.	4,700	119,400	8,450	8,450	16,900
26.	64,066	7,818,241	3,416,366	923,792	1,109,516
27.	8,278	294,207	84,979	53,326	30,422
28.	16,927	86,328	37,176	25,212	17,466
29.	1,723	19,953	2,279	1,265	14,757
30.	11,715	95,174	46,146	43,569	29,760
31.	70,932	3,655,821	603,487	510,996	717,020
32.	309,083	8,421,551	4,274,484	1,693,296	1,051,816
33.	105,600	644,160	147,000	147,000	25,000
34.	236,442	8,846,834	634,256	503,011	728,141
35.	19,372	410,427	91,777	50,470	8,543
36.	16,566	335,396	57,827	25,487	37,373
37.	70,011	1,302,420	111,529	67,239	39,183
38.	105,210	2,787,126	387,626	303,587	267,059
39.	202,636	3,063,019	401,652	216,230	265,570
40.	442	10,174	7,688	3,674	1,664
41.	91,526	1,857,107	25,705,392	14,430,337	596,669
42.	578,803	21,675,872	4,917,274	2,615,345	1,996,394
43.	140,762	3,668,349	1,310,689	981,891	387,188
44.	40,600	2,178,443	484,234	147,317	255,254
45.	1,479,433	15,070,567	229,957	146,317	# 93,355
46.	67,632	698,993	231,991	166,878	97,625
47.	-	-	14,766	9,056	-
48.	700,064	13,931,303	1,670,697	1,519,988	794,560
49.	135,785	1,650,232	2,955,543	2,753,962	169,415
50.	44,852	1,324,698	479,432	296,407	195,161
51.	647,357	42,679,338	11,058,167	4,851,971	4,511,797
52.	23,004	145,615	22,134	6,522	32,920
53.	461,809	16,210,520	3,633,705	2,431,827	1,322,769
54.	121,576	3,676,675	506,595	328,059	539,495
55.	77,720	11,707,034	38,782,444	23,169,505	1,973,451
	41,840,550	3,051,784,039	1,552,776,204	790,925,988	365,940,546
	20,637,826	1,483,083,807	882,499,308	451,495,643	181,686,446

Exclusive of 456,597 electric passenger car miles.

EMPLOYEES AND THEIR COMPENSATION

No.	Division	Average Number of Employees
	GENERAL AND MISCELLANEOUS	
1.	Executives, General Officers and Assistants	842
2.	Division Officers	1,117
3.	Assistant Engineers and Draftsmen	913
4.	Other Miscellaneous Officials	1,439
5.	Clerks	17,922
6.	Telephone Switchboard Operators	293
7.	Office boys, Messengers, Attendants and Misc. Trades Workers	1,182
8.	Janitors and cleaners	1,388
	Total	25,096
	MAINTENANCE OF WAY AND STRUCTURES	
9.	Bridge and Building Department Foremen	630
10.	Carpenters and Bridgemen	3,289
11.	Blacksmiths, Pipe Fitters, Plumbers, Tinsmiths and Pump Repairers	349
12.	Masons, Bricklayers, Plasterers and Painters	517
13.	Helpers, B. and B. Department	338
14.	Apprentices, B. and B. Department	55
15.	Pile Driver, Ditching, Hoist and Steam Shovel Employees	422
16.	Pumpmen	730
17.	Extra gang and Snow Plough Foremen	538
18.	Signal Foremen	41
19.	Section Foremen	6,185
20.	Sectionmen	19,083
21.	Labourers	14,147
22.	Foremen - Linemen	80
23.	Telegraph and Telephone Linemen and Groundmen	336
24.	Signal and Interlocker Maintainers and Repairmen	350
	Total	47,090
	MAINTENANCE OF EQUIPMENT	
25.	General Foremen	70
26.	Department and Gang Foremen	2,348
27.	Blacksmiths	744
28.	Boilermakers	1,388
29.	Carmen (a)	2,464
30.	Carmen (b)	644
31.	Carmen (c)	8,046
32.	Carmen (d)	339
33.	Electrical workers	795
34.	Machinists	4,704
35.	Moulders	139
36.	Pipe Fitters and Sheet Metal Workers	1,051
37.	Helpers to Mechanics	7,706
38.	Helper Apprentices	123
39.	Regular Apprentices	1,662
40.	Car Cleaners	1,661
41.	Other Unskilled Employees	3,978
42.	Unclassified Labourers	3,640
43.	Stationary Engineers, Firemen and Oilers	939
	Not distributed	-
	Total	42,441

EMPLOYEES AND THEIR COMPENSATION

No.	Total Days on Duty	Total Hours on Duty	Compensation: Total for Year	Compensation: Average Daily Compensation	Compensation: Average Hourly Compensation
			$	$	$
1.	249,259	-	5,218,272.30	20.94	
2.	361,612	-	3,872,181.58	10.71	
3.	283,086	-	1,664,652.98	5.88	
4.	438,232	-	3,709,322.30	8.46	
5.	5,520,335	-	25,504,359.77	4.62	
6.	90,147	-	265,639.79	2.95	
7.	366,710	-	856,613.24	2.34	
8.	371,203	-	927,016.63	2.50	
	7,680,584	-	42,018,058.59	5.47	
9.	199,893	-	1,155,682.36	5.78	
10.	-	8,219,381	4,698,209.51		.572
11.	-	870,834	618,932.76		.711
12.	-	1,205,948	731,654.22		.607
13.	-	818,829	399,611.66		.498
14.	-	87,241	34,018.15		.390
15.	-	1,289,330	785,828.21		.609
16.	-	1,975,904	876,274.52		.443
17.	-	1,450,023	992,410.88		.684
18.	11,742	-	89,012.70	7.58	
19.	-	15,913,759	9,151,464.80		.575
20.	-	47,863,390	18,891,655.81		.395
21.	-	38,248,399	11,463,849.08		.300
22.	22,379	-	154,767.89	6.92	
23.	-	861,412	423,395.35		.492
24.	-	936,495	604,719.71		.646
	234,014	119,740,945	51,071,487.61	5.98	.415
25.	22,413	-	220,412.81	9.83	
26.	759,544	-	5,637,151.00	7.42	
27.	-	1,641,131	1,244,993.91		.759
28.	-	3,146,925	2,389,088.39		.759
29.	-	5,293,176	4,032,450.06		.762
30.	-	1,355,850	1,043,862.87		.770
31.	-	18,593,400	12,766,759.45		.687
32.	-	734,607	504,727.25		.687
33.	-	1,872,823	1,352,944.14		.722
34.	-	10,454,072	7,932,089.39		.759
35.	-	296,202	234,884.76		.793
36.	-	2,325,448	1,764,677.85		.759
37.	-	17,426,873	9,325,912.83		.535
38.	-	272,822	149,687.82		.549
39.	-	3,479,676	1,677,328.71		.482
40.	-	4,190,659	1,737,075.71		.415
41.	-	10,726,222	4,414,123.82		.412
42.	-	8,413,432	3,352,356.10		.398
43.	-	2,452,494	1,352,414.26		.551
	-	-	50,421.37		
	781,957	92,675,812	61,183,362.50	7.49	.596

EMPLOYEES AND THEIR COMPENSATION

No.	Division	Average Number of Employees
	TRANSPORTATION	
44.	Inspectors and Sergeants of Police	162
45.	Constables and Policemen	675
46.	Storekeepers	150
47.	Storemen	2,119
48.	Train Despatchers and Traffic Supervisors	550
49.	Supervisory Agents and Assistants	765
50.	Station Agents - Non-telegraphers (small station)	232
51.	Station Agents - Telegraphers and Telephoners	5,949
52.	Signalmen (non-telegraphers) at Interlockers	474
53.	Foremen in Freight Sheds	483
54.	Freight Handlers and other Station Employees	5,325
55.	Labourers	536
56.	Dining car and Restaurant Inspectors, Conductors and Stewards	352
57.	Dining car and Restaurant Helpers and Attendants	1,947
58.	News Agents	-
59.	Floating Equipment Employees	730
60.	Sleeping and Parlour Car Inspectors and Conductors	222
61.	Sleeping and Parlour Car Porters	1,095
62.	Drawbridge Operators	104
63.	Signalmen or Watchmen at Crossings (non interlocked)	802
64.	Yardmasters and Assistants	402
65.	Switch Tenders	485
66.	Hostlers	667
67.	Road Passenger Conductors	898
68.	Road Freight Conductors	2,480
69.	Road Passenger Brakemen, Baggagemen and Flagmen	1,961
70.	Road Freight Brakemen and Flagmen	5,353
71.	Yard Conductors and Yard Foremen	1,366
72.	Yard Brakemen and Helpers	2,791
73.	Road Passenger Engineers and Motormen	1,277
74.	Road Freight Engineers and Motormen	3,017
75.	Yard Engineers and Motormen	1,258
76.	Road Passenger Firemen and Helpers	1,257
77.	Road Freight Firemen and Helpers	3,193
78.	Yard Firemen and Helpers	1,274
	Total	50,351
79.	Express Department	3,000
80.	Radio Department	85
81.	Employees engaged in Outside Operations	8,275
	GRAND TOTAL	176,338

Total number of female employees (monthly average) ~~4,883~~ 6,404

EMPLOYEES AND THEIR COMPENSATION

No.	Total Days on Duty	Total Hours on Duty	Compensation: Total for Year	Compensation: Average Daily Compensation	Compensation: Average Hourly Compensation
			$	$	$
44.	51,891	-	350,291.08	6.75	
45.	232,393	-	1,102,193.83	4.74	
46.	48,471	-	303,488.03	6.26	
47.	-	4,799,310	2,184,927.95		.455
48.	-	1,442,503	1,669,668.29		1.157
49.	-	1,974,788	1,528,901.20		.774
50.	-	530,651	245,519.03		.463
51.	-	15,603,870	11,316,023.52		.725
52.	-	1,223,726	591,962.50		.484
53.	-	1,190,462	808,951.19		.680
54.	-	12,937,810	6,481,827.75		.501
55.	-	1,372,852	576,224.96		.420
56.	-	1,035,661	637,126.16		.615
57.	-	6,030,855	1,996,915.69		.331
58.	-	-	-		-
59.	-	2,516,541	963,510.26		.383
60.	-	644,056	448,572.97		.696
61.	-	3,276,056	1,169,913.40		.357
62.	-	278,901	135,699.35		.487
63.	-	2,094,917	792,116.72		.378
64.	134,007	-	1,210,954.36	9.04	
65.	173,754	-	829,388.92	4.77	
66.	227,377	-	1,207,606.47	5.31	
67.	-	2,354,259	2,535,080.70		1.077
68.	-	7,666,399	7,054,293.13		.920
69.	-	5,115,564	4,067,485.90		.795
70.	-	15,681,843	11,333,323.45		.723
71.	-	3,801,893	3,216,929.95		.846
72.	-	7,486,614	5,876,767.33		.785
73.	-	2,775,054	3,950,528.60		1.424
74.	-	9,162,063	9,565,753.29		1.044
75.	-	3,751,630	3,230,694.85		.861
76.	-	2,671,686	2,928,114.67		1.096
77.	-	9,210,284	7,261,918.38		.788
78.	-	3,774,198	2,540,892.41		.673
	867,893	130,404,446	100,113,566.29	5.77	.729
79.	959,062	-	4,288,675.65	4.47	
80.	26,691	-	125,174.00	4.69	
81.	-	22,664,238	8,266,723.14		.365
	10,550,201	365,485,441	267,067,047.78	5.56	.570

Total pay roll charged to operating expenses 240,688,933.85