

52 003

Historical File Copy

PROPERTY OF THE LIBRARY

Recd. APR 2 1929

DOMINION BUREAU OF STATISTICS

C A N A D A
DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
TRANSPORTATION BRANCH

OPERATING REVENUES EXPENSES & STATISTICS
of
RAILWAYS

With Annual Operating Revenues of \$500,000

For
JANUARY
1929

♦ ♦ ♦

Published by Authority of the Hon. James Malcolm, M.P.,
Minister of Trade and Commerce

♦ ♦ ♦

OTTAWA

1929

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

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

OPERATING REVENUES, EXPENSES & STATISTICS

STEAM RAILWAYS OF CANADA

WITH ANNUAL OPERATING REVENUES OF \$500,000

FOR THE MONTH OF JANUARY, 1929.

Canadian railways earned larger gross revenues in January, 1929, than in any previous January, excepting those of 1928, by \$570,475, or 1.5 per cent. Net operating revenues also created a new record, increasing by \$262,440 over January, 1928.

A lighter grain movement was the main factor in the decrease of 3.6 per cent in the freight traffic and passenger traffic also decreased by 7.9 per cent.

The pay roll was larger than last year by \$631,618, or 3.0 per cent, for an increase in the average number of employees of 3,014, or 1.9 per cent. Empty freight car mileage decreased by 22.7 per cent and loaded car mileage by 4.3 per cent, which reduced the gross tons per train mile by 16.5 tons, although the revenue tons per train mile were greater by 23.9 tons.

EASTERN LINES, CANADIAN NATIONAL RAILWAYS: Freight traffic during January showed the remarkable increase of 61.8 per cent. This was caused by an increase in grain shipments through to Halifax and St. John of over 100 per cent, by heavier shipments of coal from Nova Scotia and New Brunswick mines and a heavier movement of manufactures and miscellaneous freight. The average revenue per ton mile, however, was reduced by this large quantity of low class freight from .848 cent in January, 1928, to .652 cent.

The freight revenue, starting with this month, includes the differences resulting from the operation of the Maritime Freight Rates Act. These differences, although not due from the shippers or consignees, are added to the revenues as revenues earned. Thus the freight revenues and averages are on the same basis as of other Canadian railways. The 1928 data have also been adjusted to be comparable.

Passenger traffic declined by 16 per cent and passenger revenues by \$64,696, or 15.9 per cent. Total gross revenues increased by \$250,845, or 12.9 per cent and operating expenses were heavier by only \$129,667, so that the operating deficit was reduced by \$121,178 and the operating income showed a debit of \$389,597 as against a debit of \$515,387 in January, 1928, or a betterment of \$125,790.

CANADIAN NATIONAL RAILWAYS (Eastern Lines excluded): The Canadian National Railways showed a decrease in freight traffic of 24.7 per cent but an increase in passenger traffic of 3.4 per cent, and total gross revenues declined by \$773,299, or 4.9 per cent. Operating expenses were reduced by \$386,276, or 2.7 per cent, but not enough to offset the loss in revenues, so that net revenues were less by \$387,022. The light movement of western grain was the big factor in these decreases and only the long haul passenger traffic held up the passenger miles as the number of passengers carried decreased by 8.1 per cent.

THE UNIVERSITY OF CHICAGO
LIBRARY
CHICAGO, ILL.

THE UNIVERSITY OF CHICAGO
LIBRARY
CHICAGO, ILL.

THE UNIVERSITY OF CHICAGO
LIBRARY
CHICAGO, ILL.

THE UNIVERSITY OF CHICAGO
LIBRARY
CHICAGO, ILL.

THE UNIVERSITY OF CHICAGO
LIBRARY
CHICAGO, ILL.

THE UNIVERSITY OF CHICAGO
LIBRARY
CHICAGO, ILL.

THE UNIVERSITY OF CHICAGO
LIBRARY
CHICAGO, ILL.

THE UNIVERSITY OF CHICAGO
LIBRARY
CHICAGO, ILL.

THE UNIVERSITY OF CHICAGO
LIBRARY
CHICAGO, ILL.

THE UNIVERSITY OF CHICAGO
LIBRARY
CHICAGO, ILL.

THE UNIVERSITY OF CHICAGO
LIBRARY
CHICAGO, ILL.

THE UNIVERSITY OF CHICAGO
LIBRARY
CHICAGO, ILL.

THE UNIVERSITY OF CHICAGO
LIBRARY
CHICAGO, ILL.

THE UNIVERSITY OF CHICAGO
LIBRARY
CHICAGO, ILL.

The decrease in low class freight produced a higher average revenue per ton mile viz.: .952 cent as against .784 cent in January, 1928. Also, earnings per freight train mile were larger by 51 cents.

The lines in the United States showed an increase in gross revenues of \$79,313 and in net operating revenue of \$150,751. The system net operating revenue consequently was only \$236,271 less than in 1928 and the operating income was less by \$231,838.

CANADIAN PACIFIC RAILWAY: The Canadian Pacific Railway showed an increase in freight traffic of 10.4 per cent and in freight receipts of \$594,323, or 5.3 per cent. The decrease in the grain shipments in the western provinces was offset by increases in the east, but there were increases in western coal and manufactures and miscellaneous freight in both the eastern and western provinces. Total gross revenues were larger than in January, 1928, by \$636,893, or 4.1 per cent, and, with an increase of only \$532,653 in operating expenses, the net operating revenue was increased by \$104,239 and the operating income by \$17,896.

The average tonnage per loaded freight car mile was 32.0 tons as against 27.8 tons in 1928 and both loaded and empty car miles showed reductions. The average gross tons per freight train mile were reduced by 6.5 tons despite an increase in the revenue tons of 92.1 tons and in tons of all freight of 104.7 tons.

OPERATING REVENUES, EXPENSES & STATISTICS
STEAM RAILWAYS OF CANADA
WITH ANNUAL OPERATING REVENUES OF \$500,000
For the Month of January, 1929.

	1929	1928
<u>OPERATING REVENUES</u>		
Freight	\$28,021,391.60	\$27,712,939.91
Passenger	5,821,969.48	5,861,386.41
Mail	631,774.63	619,058.90
Express	1,543,962.41	1,510,918.78
Other freight train	2,082.24	2,873.42
Other passenger train	589,471.54	547,961.44
Water line	47,686.32	48,818.13
All other	1,739,694.05	1,523,599.75
Total railway operating revenues	38,398,032.27	37,827,556.74
<u>OPERATING EXPENSES</u>		
Maintenance of way and structures	\$5,018,274.19	\$5,019,520.12
Maintenance of equipment	8,595,022.85	8,252,994.64
Traffic	1,535,258.82	1,428,546.83
Transportation	17,165,924.78	17,343,330.26
Miscellaneous operations	464,277.54	442,689.25
General	1,045,321.92	1,024,107.11
Trans. for investment	Cr. 68,957.89	64,101.24
Total railway operating expenses	33,755,122.21	33,447,086.97
<u>OPERATING INCOME</u>		
Net operating revenue	\$4,642,910.06	\$4,380,469.77
Railway tax accruals	730,399.42	724,291.00
Uncollectable revenues	1,937.90	5,770.68
Hire of equipment	Dr. 330,909.34	Dr. 200,106.31
Joint facilities rents	Dr. 69,653.97	Dr. 65,616.21
Operating income	3,510,009.43	3,384,685.57
<u>OPERATING STATISTICS</u>		
Average miles of road operated	40,043.48	39,551.44
No. of tons carried (Rev.Fr.)	9,919,636	9,825,267
No. of tons carried one mile " "	3,110,143,709	3,227,187,540
No. of tons carried one mile (All Fr.)	3,435,162,311	3,505,825,709
Gross ton miles, excl. of locomotive & tender	7,037,864,266	7,742,513,796
No. of revenue passengers carried	3,140,610	3,393,143
No. of revenue pass. carried one mile	199,036,235	201,913,575
# Freight train miles	5,743,581	6,235,106
# Passenger train miles	4,123,951	3,934,269
Total train miles (Rev. & Non Rev.)	10,085,442	10,461,974
Freight car miles-loaded	124,982,823	130,607,314
Freight car miles-empty	53,808,861	69,596,549
Passenger train car miles	28,490,258	27,510,347
Total amount of pay roll	\$21,555,918.96	\$20,924,300.00
Number of employees	161,036	158,022
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>		
Operating revenue	\$ 30.93	\$ 30.85
Operating expenses	\$ 27.19	\$ 27.28
No. of tons moved one mile (Rev.Fr.)	2,505	2,632
No. of tons moved one mile (All Fr.)	2,767	2,859
No. of rev. passengers carried one mile	160	165
<u>#AVERAGES PER FREIGHT TRAIN MILE</u>		
Freight revenue	\$4.88	\$4.45
No. of tons of freight (Rev.Fr.)	541.5	517.6
No. of tons of freight (All Fr.)	598.1	562.3
Gross ton miles	1225.3	1241.8
Loaded freight cars	21.8	20.9
Empty freight cars	9.4	11.2
<u>#AVERAGES PER PASSENGER TRAIN MILE</u>		
Passenger train revenues	\$2.08	\$2.17
Passengers carried	48.3	51.3
Passenger cars	6.9	7.0
Average operating expenses per train mile	\$3.35	\$3.20
Average length of haul (Rev.Fr.) Miles	313.5	328.5
Average passenger journey Miles	63.4	59.5
Average tons per loaded freight car mile	27.5	26.8
Av. freight receipt per rev. ton mile	.901¢	.859¢
Av. passenger receipt per passenger per mile	2.925¢	2.903¢
Ratio of pay roll to operating revenues	56.1%	55.3%
Ratio of operating expenses to revenues	87.91%	88.42%

Contains a proportion of mixed train miles.

OPERATING REVENUES, EXPENSES & STATISTICSEASTERN LINESCANADIAN NATIONAL RAILWAYS

For the Month of January, 1929.

1929

1928

OPERATING REVENUES

Freight	\$1,556,657.00	\$1,251,952.71
Passenger	342,728.00	407,424.00
Mail	65,500.00	65,200.00
Express	113,850.00	113,218.00
Other freight train	-	-
Other passenger train	40,848.72	37,081.05
Water line	-	-
All other	76,278.28	70,140.95
Total railway operating revenues	2,195,862.00	1,945,016.71

OPERATING EXPENSES

Maintenance of way and structures	\$369,955.69	\$411,456.88
Maintenance of equipment	465,384.97	475,962.08
Traffic	66,087.55	61,121.85
Transportation	1,480,319.68	1,303,612.98
Miscellaneous operations	32,848.71	34,742.98
General	111,352.07	108,952.30
Trans. for investment	Cr. 608.12	Cr. 175.59
Total railway operating expenses	2,525,340.55	2,395,673.48

OPERATING INCOME

Net operating revenue	Dr. \$329,478.55	Dr. \$450,656.77
Railway tax accruals	21,542.32	21,786.85
Uncollectable revenues	15.16	26.70
Hire of equipment	Dr. 41,139.71	Dr. 41,454.96
Joint facilities rents	Cr. 2,578.18	Dr. 1,462.50
Operating income	Dr. 389,597.56	Dr. 515,387.78

OPERATING STATISTICS

Average miles of road operated	3,104.36	3,108.04
No. of tons carried (Rev.Fr.)	611,460	496,659
No. of tons carried one mile " "	238,697,052	147,552,267
No. of tons carried one mile (All Fr.)	249,874,469	159,336,235
Gross ton miles, excl. of locomotive & tender	518,005,416	342,767,949
No. of revenue passengers carried	313,532	298,629
No. of revenue pass. carried one mile	14,196,321	16,891,866
# Freight train miles	468,567	344,830
# Passenger train miles	321,253	308,681
Total train miles (Rev. & Non Rev.)	809,732	695,367
Freight car miles-loaded	9,261,460	6,513,682
Freight car miles-empty	3,119,465	1,969,431
Passenger train car miles	2,128,010	1,989,949
Total amount of pay roll (Included in Canadian Lines)		
Number of employees " " " "		

DAILY AVERAGES PER MILE OF ROAD OPERATED

Operating revenue	\$22.82	\$20.19
Operating expenses	\$26.24	\$24.86
No. of tons moved one mile (Rev.Fr.)	2,480	1,531
No. of tons moved one mile (All Fr.)	2,596	1,654
No. of rev. passengers carried one mile	148	175

#AVERAGES PER FREIGHT TRAIN MILE

Freight revenue	\$3.32	\$3.63
No. of tons of freight (Rev.Fr.)	509.4	427.9
No. of tons of freight (All Fr.)	533.3	462.1
Gross ton miles	1105.5	994.0
Loaded freight cars	19.8	18.9
Empty freight cars	6.7	5.7

#AVERAGES PER PASSENGER TRAIN MILE

Passenger train revenues	\$1.75	\$2.02
Passengers carried	44.2	54.7
Passenger cars	6.6	6.4
Average operating expenses per train mile	\$3.12	\$3.45
Average length of haul (Rev.Fr.) Miles	390.4	297.1
Average passenger journey Miles	45.3	56.6
Average tons per loaded freight car mile	27.0	24.5
Av. freight receipt per revenue ton mile	.652¢	.848¢
Av. passenger receipt per passenger per mile	2.414¢	2.412¢
Ratio of pay roll to operating revenues (Included in Canadian Lines)		
Ratio of operating expenses to revenues	115.00%	123.17%

Contains a proportion of mixed train miles.

OPERATING REVENUES, EXPENSES & STATISTICS

CANADIAN NATIONAL RAILWAYS

For the Month of January, 1929.

	1929	1928
<u>OPERATING REVENUES</u>		
Freight	\$10,683,862.89	\$11,681,300.45
Passenger	2,245,916.58	2,158,206.13
Mail	204,223.14	193,462.97
Express	805,010.77	800,010.42
Other freight train	-	-
Other passenger train	208,713.57	189,029.69
Water line	-	-
All other	799,891.55	698,907.90
Total railway operating revenues	14,947,618.50	15,720,917.56
<u>OPERATING EXPENSES</u>		
Maintenance of way and structures	\$2,199,518.43	\$2,155,967.02
Maintenance of equipment	3,116,254.46	3,123,423.56
Traffic	509,156.20	466,775.70
Transportation	7,373,575.65	7,817,623.36
Miscellaneous operations	144,149.43	154,550.51
General	434,414.97	440,495.81
Trans. for investment	Cr. 66,736.77	Cr. 62,226.74
Total railway operating expenses	13,710,332.37	14,096,609.22
<u>OPERATING INCOME</u>		
Net operating revenue	\$1,237,286.13	\$1,624,308.34
Railway tax accruals	251,673.01	264,077.88
Uncollectable revenues	1,902.17	10,474.72
Hire of equipment	Dr. 108,435.85	Dr. 24,493.95
Joint facilities rents	Cr. 11,155.73	Cr. 4,455.57
Operating income	886,430.83	1,329,717.36
<u>OPERATING STATISTICS</u>		
Average miles of road operated	18,021.62	17,795.73
No. of tons carried (Rev. Fr.)	3,483,106	3,788,614
No. of tons carried one mile " "	1,121,959,141	1,489,367,031
No. of tons carried one mile (All Fr.)	1,282,411,711	1,624,004,563
Gross ton miles, excl. of locomotive & tender	2,766,685,697	3,463,925,679
No. of revenue pass. carried	1,282,450	1,395,876
No. of revenue pass. carried one mile	77,546,523	75,028,189
# Freight train miles	2,159,927	2,632,339
# Passenger train miles	1,655,738	1,567,948
Total train miles (Rev. & Non Rev.)	3,938,529	4,348,702
Freight car miles-loaded	50,030,021	57,844,204
Freight car miles-empty	20,200,836	32,429,144
Passenger train car miles	10,931,338	10,414,409
Total amount of pay roll (Including Eastern Lines)	\$11,630,909	\$11,466,362
Number of employees " " "	87,892	87,183
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>		
Operating revenue	\$26.76	\$28.50
Operating expenses	\$24.54	\$25.55
No. of tons moved one mile (Rev. Fr.)	2,008	2,700
No. of tons moved one mile (All Fr.)	2,295	2,944
No. of rev. passengers carried one mile	139	136
<u># AVERAGES PER FREIGHT TRAIN MILE</u>		
Freight revenue	\$4.95	\$4.44
No. of tons of freight (Rev. Fr.)	519.4	565.8
No. of tons of freight (All Fr.)	593.7	616.9
Gross ton miles	1280.9	1315.9
Loaded freight cars	23.2	22.0
Empty freight cars	9.4	12.3
<u># AVERAGES PER PASSENGER TRAIN MILE</u>		
Passenger train revenues	\$2.09	\$2.13
Passengers carried	46.8	47.9
Passenger cars	6.6	6.6
Average operating expenses per train mile	\$3.48	\$3.24
Average length of haul (Rev. Fr.) Miles	322.1	393.1
Average passenger journey Miles	60.5	53.7
Average tons per loaded freight car mile	25.6	28.1
Av. freight receipt per rev. ton mile	.952¢	.784¢
Av. passenger receipt per passenger per mile	2.896¢	2.877¢
x Ratio of pay roll to operating revenues	67.8%	64.9%
Ratio of operating expenses to revenues	91.72%	89.67%
x Revenue of Eastern Lines included to determine ratio.		
# Contains a proportion of mixed train miles.		

OPERATING REVENUES, EXPENSES & STATISTICS

CANADIAN PACIFIC RAILWAY

For the Month of January, 1929.

	1929	1928
<u>OPERATING REVENUES</u>		
Freight	\$11,878,999.86	\$11,284,676.08
Passenger	2,309,176.92	2,372,234.40
Mail	307,439.34	307,633.50
Express	442,914.29	440,986.29
Other freight train	1,989.00	2,426.68
Other passenger train	303,997.50	294,355.56
Water line	47,686.32	48,818.13
All other	695,431.07	599,610.61
Total railway operating revenues	15,987,634.30	15,350,741.25
<u>OPERATING EXPENSES</u>		
Maintenance of way and structures	\$1,795,654.12	\$1,720,388.47
Maintenance of equipment	4,070,676.90	3,830,808.91
Traffic	871,856.20	812,559.54
Transportation	6,531,503.10	6,447,059.66
Miscellaneous operations	229,224.44	196,709.82
General	328,773.91	287,508.41
Trans. for investment	-	-
Total railway operating expenses	13,827,688.67	13,295,034.81
<u>OPERATING INCOME</u>		
Net operating revenue	\$2,159,945.63	\$2,055,706.44
Railway tax accruals	328,406.48	318,086.12
Uncollectable revenues	-	-
Hire of equipment	Cr. 73,019.83	Cr. 141,215.13
Joint facilities rents	Dr. 8,626.65	Dr. 799.17
Operating income	1,895,932.33	1,878,036.28
<u>OPERATING STATISTICS</u>		
Average miles of road operated	14,417.1	14,170.2
No. of tons carried (Rev.Fr.)	2,716,695	2,872,862
No. of tons carried one mile " "	1,444,289,640	1,308,285,545
No. of tons carried one mile (All Fr.)	1,591,035,584	1,432,863,481
Gross ton miles, excl. of locomotive & tender	2,889,887,412	3,111,454,243
No. of revenue passengers carried	1,075,632	1,211,731
No. of revenue pass. carried one mile	77,882,879	80,712,396
# Freight train miles	2,416,331	2,587,553
# Passenger train miles	1,626,062	1,558,613
Total train miles (Rev. & Non Rev.)	4,100,199	4,218,751
Freight car miles-loaded	49,724,857	51,471,694
Freight car miles-empty	21,091,118	25,539,888
Passenger train car miles	11,508,003	11,354,666
Total amount of pay roll	\$8,130,990.54	\$7,714,197.78
Number of employees	60,489	58,187
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>		
Operating revenue	\$35.77	\$34.95
Operating expenses	\$30.94	\$30.27
No. of tons moved one mile (Rev.Fr.)	3,232	2,978
No. of tons moved one mile (All Fr.)	3,560	3,262
No. of rev. passengers carried one mile	174	184
<u>#AVERAGES PER FREIGHT TRAIN MILE</u>		
Freight revenue	\$4.92	\$4.36
No. of tons of freight (Rev.Fr.)	597.7	505.6
No. of tons of freight (All Fr.)	658.5	553.8
Gross ton miles	1196.0	1202.5
Loaded freight cars	20.6	19.9
Empty freight cars	3.7	9.9
<u>#AVERAGES PER PASSENGER TRAIN MILE</u>		
Passenger train revenues	\$2.07	\$2.19
Passengers carried	47.9	51.8
Passenger cars	7.1	7.3
Average operating expenses per train mile	\$3.37	\$3.15
Average length of haul (Rev.Fr.) Miles	531.6	455.4
Average passenger journey Miles	72.4	66.6
Average tons per loaded freight car mile	32.0	27.8
Av. freight receipt per rev. ton mile	.822¢	.863¢
Av. passenger receipt per passenger per mile	2.965¢	2.939¢
Ratio of pay roll to operating revenues	50.7%	50.3%
Ratio of operating expenses to revenues	86.49%	86.61%

Contains a proportion of mixed train miles.

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100

CANADIAN NATIONAL SYSTEM
(Steam Lines in Canada and United States)
For the Month of January, 1929

OPERATING REVENUES

	<u>1929</u>	<u>1928</u>
Canadian Lines	\$14,947,618.50	\$15,720,917.56
Duluth, Winnipeg & Pacific	208,088.00	224,656.00
Grand Trunk Western Lines	2,845,696.00	2,641,829.00
New England Lines	176,282.50	284,268.44
Total	<u>18,177,685.00</u>	<u>18,871,671.00</u>

OPERATING EXPENSES

Canadian Lines	\$13,710,332.37	\$14,096,609.22
Duluth, Winnipeg & Pacific	157,896.41	173,992.48
Grand Trunk Western Lines	2,017,365.84	1,994,587.22
New England Lines	207,349.73	285,471.01
Total	<u>16,092,944.35</u>	<u>16,550,659.93</u>

NET OPERATING REVENUE

Canadian Lines	\$1,237,286.13	\$1,624,308.34
Duluth, Winnipeg & Pacific	50,191.59	50,663.52
Grand Trunk Western Lines	828,330.16	647,241.78
New England Lines	Dr. 31,067.23	Dr. 1,202.77
Total	<u>2,084,740.65</u>	<u>2,321,011.07</u>

OPERATING INCOME

Canadian Lines	\$ 886,430.83	\$1,329,717.36
Duluth, Winnipeg & Pacific	45,226.22	37,762.88
Grand Trunk Western Lines	513,192.95	292,063.33
New England Lines	Dr. 104,365.53	Dr. 87,220.99
Total	<u>1,340,484.47</u>	<u>1,572,322.58</u>

STATISTICS CANADA LIBRARY
BIBLIOTHÈQUE STATISTIQUE CANADA



1010703558