

12 003

Historical File Copy



CANADA
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

DECEMBER

1931

— + + + —

Published by Authority of the Hon. H. H. Stevens, M.P.,
Minister of Trade and Commerce

+ + +

OTTAWA

1932

RECEIVED BY THE COMMISSIONER

OF THE LAND OFFICE

AT THE CITY OF WASHINGTON

DEPARTMENT OF THE INTERIOR

WASHINGTON

RECEIVED BY THE COMMISSIONER

OF THE LAND OFFICE

DEPARTMENT OF THE INTERIOR

AT THE CITY OF WASHINGTON

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

Dominion Statistician, R.H. Coats, B.A., F.S.S., (Hon.), F.R.S.C.
Chief, Transportation and Public Utilities 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 DECEMBER, 1931

Gross revenues of Canadian railways for December amounted to \$27,731,543, which was \$5,545,746, or 16.7 per cent, less than for December 1930. Operating expenses were reduced from \$27,387,969 in 1930 to \$23,769,376 and the operating income was reduced from \$4,780,867 to \$3,380,153. Freight traffic was lighter than in 1930 by 16.1 per cent and passenger traffic declined by 19.0 per cent. The total pay roll amounted to \$16,143,516 as against \$19,462,692 for December 1930 and the average number of employees was reduced by 17,284.

EASTERN LINES - CANADIAN NATIONAL RAILWAYS: With a reduction in freight traffic of 14.7 per cent and in passenger traffic of 28.5 per cent, gross revenues decreased from \$2,341,468 in 1930 to \$1,869,758 and operating expenses decreased from \$2,475,420 to \$2,127,237. The operating income lost increased from \$492,247 to \$536,130.

CANADIAN NATIONAL RAILWAYS: (Canadian Lines exclusive of Eastern Lines)- Net operating revenues for December were less than a third of the December 1930 net revenues, amounting to only \$199,913. Gross revenues decreased from \$12,854,099 to \$11,541,773 and operating expenses from \$12,181,506 to \$11,341,859. The total pay roll, including the Eastern Lines, amounted to \$8,979,795 which was \$1,819,611, or 16.8 per cent, less than in 1930 and the number of employees was less by 7,986, or 9.7 per cent. Both freight and passenger trains showed higher average earnings per train mile than in 1930, freight trains increasing from \$5.12 to \$5.33 and passenger trains from \$1.99 to \$2.14, due to slightly heavier loading but more to higher average receipts per ton mile and per passenger mile.

The United States Lines all showed reduced gross revenues, but, by a cut in operating expenses by the Duluth, Winnipeg and Pacific of 46 per cent, that line increased its net revenue, but the other lines had such heavy losses that for the system (exclusive of Eastern Lines) the operating income of \$446,133 in December 1930 was reduced to a loss of \$56,379.

CANADIAN PACIFIC RAILWAY: Gross revenues declined from \$14,222,691 in 1930 to \$11,274,769, or by 20.7 per cent, and operating expenses were reduced from \$9,711,093 to \$7,511,967, or by 22.6 per cent. The net operating revenue was reduced from \$4,511,597 to \$3,762,802 and the operating income from \$4,203,713 to \$3,676,607. Freight traffic declined by 22.9 per cent and passenger traffic by 10.5 per cent. The average passenger journey increased from 81.1 to 87.4 miles, but the average freight haul decreased from 454.7 to 419.4 miles. The total pay roll amounted to \$5,952,544 as against \$7,069,554 in 1930.

OPERATING REVENUES, EXPENSES & STATISTICS
STEAM RAILWAYS OF CANADA
WITH ANNUAL OPERATING REVENUES OF \$500,000
For the Month of December, 1931

	1931	1930
<u>OPERATING REVENUES</u>		
Freight	\$19,283,524.17	\$22,212,219.83
Passenger	4,172,979.76	5,675,412.06
Mail	715,087.80	781,083.64
Express	1,517,116.78	1,718,647.96
Other freight train	3,940.77	Dr. 279.45
Other passenger train	Dr. 72,143.43	Dr. 112,982.31
Water line	50,626.00	84,713.48
All other	2,060,411.75	2,918,474.64
Total railway operating revenues	27,731,543.60	33,277,289.85
<u>OPERATING EXPENSES</u>		
Maintenance of way and structures	\$4,353,071.09	\$4,425,644.26
Maintenance of equipment	4,944,303.54	5,894,673.39
Traffic	1,380,839.53	1,452,766.36
Transportation	12,087,075.17	14,415,374.31
Miscellaneous operations	282,564.74	373,679.94
General	1,010,922.32	1,164,582.31
Trans. for investment	Cr. 289,399.81	Cr. 338,751.49
Total railway operating expenses	23,769,376.58	27,387,969.08
<u>OPERATING INCOME</u>		
Net operating revenue	\$3,962,167.02	\$5,889,320.77
Railway tax accruals	758,918.72	1,164,331.10
Uncollectable revenues	4,012.18	5,257.02
Hire of equipment	Cr. 39,590.14	Dr. 104,839.94
Joint facilities rents	Cr. 141,327.10	Cr. 165,974.35
Operating income	3,380,153.36	4,780,867.06
<u>OPERATING STATISTICS</u>		
Average miles of road operated	42,148.02	41,926.01
No. of tons carried (Rev.Fr.)	6,016,369	7,497,868
No. of tons carried one mile " "	1,877,568.555	2,239,105.184
No. of tons carried one mile (All Fr.)	2,070,941.392	2,461,511.590
Gross ton miles, excl. of locomotive & tender	4,785,933,744	5,486,221,823
No. of revenue passengers carried	1,948,001	2,501,479
No. of rev. passengers carried one mile	139,543.310	172,333.365
# Freight train miles	3,890,556	4,380,603
# Passenger train miles	3,320,275	4,041,900
Total train miles (Rev. & Non Rev.)	7,281,815	8,497,296
Freight car miles-loaded	83,746,724	94,989,911
Freight car miles-empty	40,442,446	45,268,657
Passenger train car miles	24,398,952	28,752,635
Total amount of pay roll	\$16,143,516.45	\$19,462,692.66
Number of employees	130,802	148,086
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>		
Operating revenues	\$21.22	\$25.60
Operating expenses	\$18.19	\$21.07
No. of tons moved one mile (Rev.Fr.)	1,437	1,723
No. of tons moved one mile (All Fr.)	1,585	1,894
No. of revenue passengers carried one mile	107	133
<u>#AVERAGES PER FREIGHT TRAIN MILE</u>		
Freight revenue	\$4.96	\$5.07
No. of tons of freight (Rev.Fr.)	482.6	511.1
No. of tons of freight (All Fr.)	532.3	561.9
Gross ton miles	1230.1	1252.4
Loaded freight cars	21.5	21.7
Empty freight cars	10.4	10.3
<u>#AVERAGES PER PASSENGER TRAIN MILE</u>		
Passenger train revenues	\$1.91	\$1.99
Passengers carried	42.0	42.6
Passenger cars	7.3	7.1
Average operating expenses per train mile	\$3.26	\$3.22
Average length of haul (Rev.Fr.) Miles	312.1	298.6
Average passenger journey Miles	71.6	68.9
Average tons per loaded freight car mile	24.7	25.9
Average freight receipt per revenue ton mile	1.027¢	.992¢
Average passenger receipt per passenger per mile	2.990¢	3.293¢
Ratio of pay roll to operating revenues	58.2%	58.5%
Ratio of operating expenses to revenues	85.71%	82.30%
# - Contains a proportion of mixed train miles.		

OPERATING REVENUES, EXPENSES & STATISTICS

EASTERN LINES

CANADIAN NATIONAL RAILWAYS

For the Month of December, 1931

1931

1930

OPERATING REVENUES			1931	1930
Freight xx			\$1,241,115.00	\$1,536,106.67
Passenger			365,478.00	512,400.60
Mail			79,895.00	94,302.33
Express			142,255.00	162,350.88
Other freight train			--	--
Other passenger train	Dr.		50,510.45	Dr. 61,488.37
Water line			--	--
All other			91,525.45	97,796.34
Total railway operating revenues			1,869,758.00	2,341,468.45
OPERATING EXPENSES				
Maintenance of way and structures			\$431,912.47	\$531,136.44
Maintenance of equipment			332,053.90	316,895.25
Traffic			122,572.33	120,849.87
Transportation			1,088,126.84	1,378,346.93
Miscellaneous operations			24,753.61	27,739.82
General			134,500.39	143,431.94
Trans. for investment	Cr.		6,681.75	Cr. 42,979.59
Total railway operating expenses			2,127,237.79	2,475,420.66
OPERATING INCOME				
Net operating revenue	Dr.		\$257,479.79	Dr. \$133,952.21
Railway tax accruals			28,373.08	17,134.69
Uncollectable revenues			372.60	87.60
Hire of equipment	Dr.		250,160.08	Dr. 340,959.44
Joint facilities rents	Cr.		255.47	Dr. 113.87
Operating income	Dr.		536,130.08	Dr. 492,247.81
OPERATING STATISTICS				
Average miles of road operated			3,342.37	3,342.39
No. of tons carried	(Rev.Fr.)		391,500	415,141
No. of tons carried one mile	" "		122,448,519	143,527,171
No. of tons carried one mile	(All Fr.)		131,522,415	155,205,531
Gross ton miles, excl. of locomotive & tender			309,158,710	359,165,334
No. of revenue passengers carried			208,090	285,353
No. of rev. passengers carried one mile			11,909,307	16,665,022
# Freight train miles			288,725	357,755
# Passenger train miles			295,563	353,066
Total train miles (Rev. & Non Rev.)			594,242	720,106
Freight car miles-loaded			5,909,404	6,814,930
Freight car miles-empty			1,899,119	2,332,002
Passenger train car miles			1,989,592	2,305,165
Total amount of pay roll			Included in Canadian Lines	
Number of employees			" "	" "
DAILY AVERAGES PER MILE OF ROAD OPERATED				
Operating revenue			\$ 18.05	\$ 22.60
Operating expenses			\$ 20.53	\$ 23.89
No. of tons moved one mile (Rev.Fr.)			1,182	1,385
No. of tons moved one mile (All Fr.)			1,269	1,498
No. of rev. passengers carried one mile			115	161
#AVERAGES PER FREIGHT TRAIN MILE				
Freight revenue			\$4.30	\$4.29
No. of tons of freight (Rev.Fr.)			424.1	401.2
No. of tons of freight (All Fr.)			455.5	433.8
Gross ton miles			1070.8	1003.9
Loaded freight cars			20.5	19.0
Empty freight cars			6.6	6.5
#AVERAGES PER PASSENGER TRAIN MILE				
Passenger train revenues			\$1.82	\$2.00
Passengers carried			40.3	47.2
Passenger cars			6.7	6.5
Average operating expenses per train mile			\$3.58	\$3.44
Average length of haul (Rev.Fr.) Miles			312.8	345.7
Average passenger journey Miles			57.2	58.4
Average tons per loaded freight car mile			22.3	22.8
Average freight receipt per revenue ton mile			1.014¢	1.070¢
Average passenger receipt per passenger per mile			3.069¢	3.075¢
Ratio of operating expenses to revenues			113.77%	105.72%
xx - Including account Maritime Freight Rates Act			\$177,000.00	\$181,606.10
# - Contains a proportion of mixed train miles.				

OPERATING REVENUES, EXPENSES & STATISTICS

CANADIAN NATIONAL RAILWAYS

For the Month of December, 1931

	1931	1930
<u>OPERATING REVENUES</u>		
Freight	\$8,380,948.00	\$8,890,922.42
Passenger	1,730,081.00	2,337,297.36
Mail	209,531.37	241,033.45
Express	809,917.53	945,910.56
Other freight train	60.00	Dr. 1,067.08
Other passenger train	Dr. 239,480.40	Dr. 309,947.95
Water line	---	---
All other	650,715.50	749,950.45
Total railway operating revenues	11,541,773.00	12,854,099.21
<u>OPERATING EXPENSES</u>		
Maintenance of way and structures	\$2,132,871.82	\$2,113,083.91
Maintenance of equipment	3,017,609.10	2,773,604.62
Traffic	343,919.68	479,939.53
Transportation	5,343,653.82	6,315,503.37
Miscellaneous operations	77,562.57	122,927.48
General	475,387.54	542,718.03
Trans. for investment	Cr. 49,145.22	Cr. 166,270.79
Total railway operating expenses	11,341,859.31	12,181,506.15
<u>OPERATING INCOME</u>		
Net operating revenue	\$199,913.69	\$672,593.06
Railway tax accruals	392,897.15	508,492.84
Uncollectable revenues	3,365.55	5,098.21
Hire of equipment	Cr. 390,527.32	Cr. 416,777.31
Joint facilities rents	Cr. 92,582.50	Cr. 114,203.39
Operating income	286,760.81	689,982.71
<u>OPERATING STATISTICS</u>		
Average miles of road operated	18,714.07	18,598.79
No. of tons carried (Rev. Fr.)	2,280,318	2,839,555
No. of tons carried one mile " "	833,062,404	914,666,024
No. of tons carried one mile (All Fr.)	907,542,524	1,021,470,572
Gross ton miles, excl. of locomotive & tender	2,048,522,189	2,323,805,694
No. of revenue passengers carried	749,231	1,017,135
No. of revenue passengers carried one mile	47,878,465	65,726,421
# Freight train miles	1,571,596	1,737,253
# Passenger train miles	1,174,121	1,613,654
Total train miles (Rev. & Non Rev.)	2,777,487	3,384,540
Freight car miles-loaded	35,737,179	40,356,229
Freight car miles-empty	16,582,523	20,213,271
Passenger train car miles	8,734,897	10,828,971
Total amount of pay roll (Including Eastern Lines)	\$8,979,798	\$10,799,409
Number of employees " " "	74,709	82,695
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>		
Operating revenue	\$19.89	\$22.29
Operating expenses	\$19.55	\$21.13
No. of tons moved one mile (Rev. Fr.)	1,436	1,586
No. of tons moved one mile (All Fr.)	1,564	1,772
No. of rev. passengers carried one mile	83	114
<u># AVERAGES PER FREIGHT TRAIN MILE</u>		
Freight revenue	\$5.33	\$5.12
No. of tons of freight (Rev. Fr.)	530.1	526.5
No. of tons of freight (All Fr.)	577.5	588.0
Gross ton miles	1303.5	1337.6
Loaded freight cars	22.7	23.2
Empty freight cars	10.6	11.6
<u># AVERAGES PER PASSENGER TRAIN MILE</u>		
Passenger train revenues	\$2.14	\$1.99
Passengers carried	40.8	40.7
Passenger cars	7.4	6.7
Average operating expenses per train mile	\$4.08	\$3.60
Average length of Haul (Rev. Fr.) Miles	365.3	322.1
Average passenger journey Miles	63.9	64.6
Average tons per loaded freight car mile	25.4	25.3
Average freight receipt per revenue ton mile	1.006¢	.972¢
Average passenger receipt per passenger per mile	3.613¢	3.556¢
x Ratio of pay roll to operating revenues	67.0%	71.1%
Ratio of operating expenses to revenues	98.27%	94.77%
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 December, 1931

	1931	1930
<u>OPERATING REVENUES</u>		
Freight	\$7,458,606.75	\$8,964,006.08
Passenger	1,554,002.69	2,159,873.92
Mail	365,979.77	379,040.39
Express	444,943.34	453,548.85
Other freight train	3,738.00	780.58
Other passenger train	203,844.10	241,342.65
Water line	50,626.00	84,713.48
All other	1,193,028.82	1,939,385.39
Total railway operating revenues	11,274,769.47	14,222,691.34
<u>OPERATING EXPENSES</u>		
Maintenance of way and structures	\$1,337,874.27	\$1,277,857.52
Maintenance of equipment	790,892.29	1,929,911.20
Traffic	828,867.04	751,517.32
Transportation	4,411,284.33	5,370,754.85
Miscellaneous operations	130,981.30	171,026.25
General	240,113.12	327,577.59
Trans. for investment	Cr. 228,045.18	Cr. 117,550.81
Total railway operating expenses	7,511,967.17	9,711,093.92
<u>OPERATING INCOME</u>		
Net operating revenue	\$3,762,802.30	\$4,511,597.42
Railway tax accruals	253,861.90	499,180.58
Uncollectable revenues	--	--
Hire of equipment	Cr. 73,517.91	Cr. 81,783.54
Joint facilities rents	Cr. 94,149.44	Cr. 109,513.09
Operating income	3,676,607.75	4,203,713.47
<u>OPERATING STATISTICS</u>		
Average miles of road operated	15,752.0	15,687.3
No. of tons carried (Rev.Fr.)	1,770,063	2,116,371
No. of tons carried one mile " "	742,392,365	962,326,498
No. of tons carried one mile (All Fr.)	846,000,143	1,059,190,264
Gross ton miles, excl. of locomotive & tender	1,857,759,467	2,170,548,069
No. of revenue passengers carried	700,265	843,059
No. of revenue passengers carried one mile	61,177,707	68,362,418
# Freight train miles	1,569,709	1,777,683
# Passenger train miles	1,468,844	1,628,084
Total train miles (Rev. & Non Rev.)	3,063,187	3,433,506
Freight car miles-loaded	32,105,421	36,893,283
Freight car miles-empty	15,719,649	16,267,642
Passenger train car miles	10,681,949	12,103,211
Total amount of pay roll	\$5,952,544.51	\$7,069,534.66
Number of employees	46,770	54,390
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>		
Operating revenue	\$23.09	\$29.25
Operating expenses	\$15.38	\$19.97
No. of tons moved one mile (Rev.Fr.)	1,520	1,979
No. of tons moved one mile (All Fr.)	1,732	2,178
No. of rev. passengers carried one mile	125	141
<u>#AVERAGES PER FREIGHT TRAIN MILE</u>		
Freight revenue	\$4.75	\$5.04
No. of tons of freight (Rev.Fr.)	472.9	541.3
No. of tons of freight (All Fr.)	539.0	595.8
Gross ton miles	1183.5	1221.0
Loaded freight cars	20.5	20.8
Empty freight cars	10.0	9.2
<u>#AVERAGES PER PASSENGER TRAIN MILE</u>		
Passenger train revenues	\$1.75	\$1.99
Passengers carried	41.7	42.0
Passenger cars	7.3	7.4
Average operating expenses per train mile	\$2.45	\$2.83
Average length of haul (Rev.Fr.) Miles	419.4	454.7
Average passenger journey Miles	87.4	81.1
Average tons per loaded freight car mile	26.4	28.7
Average freight receipt per revenue ton mile	1.005¢	.931¢
Average passenger receipt per passenger per mile	2.540¢	3.159¢
Ratio of pay roll to operating revenues	52.8%	49.7%
Ratio of operating expenses to revenues	66.63%	68.28%

- Contains a proportion of mixed train miles.

(continued)

1. 5. 1.

1910

[illegible][illegible]

CANADIAN NATIONAL RAILWAYS
(Steam Lines in Canada & United States)

For the Month of December, 1931

OPERATING REVENUES

	<u>1931</u>	<u>1930</u>
Canadian Lines	\$11,541,773.00	\$12,854,099.21
Duluth, Winnipeg and Pacific	56,420.00	106,275.00
Grand Trunk Western	1,316,236.00	1,723,059.00
New England Lines	83,459.00	116,562.69
Central Vermont Railway, Inc.	413,267.00	526,345.00
Total	<u>13,411,164.00</u>	<u>15,326,340.90</u>

OPERATING EXPENSES

Canadian Lines	\$11,341,859.31	\$12,181,506.15
Duluth, Winnipeg and Pacific	64,627.70	120,276.70
Grand Trunk Western	1,375,271.96	1,554,459.21
New England Lines	161,194.55	174,441.43
Central Vermont Railway, Inc.	374,480.65	478,085.36
Total	<u>13,317,434.17</u>	<u>14,508,768.85</u>

NET OPERATING REVENUE

Canadian Lines	\$199,913.69	\$672,593.06
Duluth, Winnipeg and Pacific	Dr. 8,198.70	Dr. 14,001.70
Grand Trunk Western	Dr. 59,035.96	168,599.79
New England Lines	Dr. 77,735.55	Dr. 57,878.74
Central Vermont Railway, Inc.	38,786.35	48,259.64
Total	<u>93,729.83</u>	<u>817,572.05</u>

OPERATING INCOME

Canadian Lines	\$286,760.81	\$689,982.53
Duluth, Winnipeg and Pacific	1,679.12	Dr. 4,892.26
Grand Trunk Western	Dr. 245,142.29	Dr. 179,114.45
New England Lines	Dr. 137,251.50	Dr. 112,776.87
Central Vermont Railway, Inc.	37,573.97	52,934.13
Total Dr.	<u>56,379.89</u>	<u>446,133.08</u>

STATISTICS CANADA LIBRARY
BIBLIOTHÈQUE STATISTIQUE CANADA



1010703546