

02 003

Historical File Copy

*1933-1934*

*R*  
PROPERTY OF THE  
LIBRARY

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

1933

+ + +

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

+ + +

OTTAWA

1933

100-100000-100000

100-100000-100000



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 AND STATISTICS

STEAM RAILWAYS OF CANADA

WITH ANNUAL OPERATING REVENUES OF \$500,000

FOR THE MONTH OF JANUARY, 1933

Gross revenues of Canadian railways continued to decline, amounting to \$17,643,107 as against \$22,120,450 in January, 1932; the decrease from \$21,902,249 for December 1932 was affected by seasonal factors. Operating expenses were reduced from \$21,780,907 in January, 1932, to \$18,527,654 and the operating income debit was increased from \$485,977 to \$1,812,816. The number of employees was decreased by 17,182, or 13.9 per cent, and the pay roll was cut by \$2,583,469, or 17.2 per cent.

CANADIAN NATIONAL RAILWAYS.— Commencing with this report, the data for all Canadian lines of the Canadian National system, including the Eastern Lines, will be combined in one statement and the 1932 data will be presented on the same basis.

Gross operating revenues for January amounted to \$8,002,814, as against \$10,632,244 in 1932. This was a decrease of \$2,629,430, or 24.7 per cent. Operating expenses were reduced from \$11,575,828 to \$10,008,297 and the operating income debit was increased from \$1,231,913 to \$2,322,894.

The lines in the United States showed a slight improvement in their operating income and the loss for the entire system was \$2,483,172, as against \$1,532,873 in 1932, which was an increase of \$955,299.

CANADIAN PACIFIC RAILWAY.— The operating income for January was reduced from \$617,478 in 1932 to \$323,372 in 1933. Operating expenses were reduced from \$8,249,882 to \$7,004,846, or by \$1,245,035, but operating revenues were down by \$1,456,491, being reduced from \$9,115,962 to \$7,659,470. The cut in the pay roll amounted to \$991,693, or 17.2 per cent, and the reduction in the number of employees was 6,642, or 14.3 per cent. The average revenue per ton mile was only .887 cent as against .987 cent in January, 1932.

RECEIVED

1911

1911

1911

1911

1911

1911

1911



OPERATING REVENUES, EXPENSES AND STATISTICS  
STEAM RAILWAYS OF CANADA  
WITH ANNUAL OPERATING REVENUES OF \$500,000  
For the Month of January, 1933

	1933	1932
<u>OPERATING REVENUES</u>		
Freight	\$12,714,609.56	\$15,644,715.05
Passenger	2,382,720.13	3,128,080.13
Mail	560,177.06	591,901.12
Express	612,649.20	848,966.49
Other freight train	4,130.45	4,865.30
Other passenger train	281,839.14	372,080.37
Water line	11,892.11	21,960.00
All other	1,075,090.11	1,507,881.84
Total railway operating revenues	17,643,107.76	22,120,450.30
<u>OPERATING EXPENSES</u>		
Maintenance of way and structures	\$2,905,616.93	\$3,401,586.97
Maintenance of equipment	3,783,201.86	4,599,522.46
Traffic	1,055,011.24	1,238,840.62
Transportation	9,704,077.14	11,294,357.03
Miscellaneous operations	206,846.34	279,377.97
General	882,503.85	996,234.24
Trans. for investment	Cr. 9,602.88	Cr. 29,012.22
Total railway operating expenses	18,527,654.48	21,780,907.07
<u>OPERATING INCOME</u>		
Net operating revenue	Dr. \$884,546.72	\$339,543.23
Railway tax accruals	714,682.02	721,859.66
Uncollectable revenues	8,107.50	32,814.17
Hire of equipment	Dr. 124,800.26	Dr. 11,450.70
Joint facilities rents	Dr. 80,680.26	Dr. 59,396.46
Operating income	Dr. 1,812,816.76	Dr. 485,977.76
<u>OPERATING STATISTICS</u>		
Average miles of road operated	42,349.47	42,141.68
No. of tons carried (Rev.Fr.)	4,214,742	5,223,600
No. of tons carried one mile " "	1,387,532,381	1,604,760,660
No. of tons carried one mile (All Fr.)	1,531,894,852	1,755,645,599
Gross ton miles, excl. of locomotive & tender	3,657,881,841	4,191,010,129
No. of revenue passengers carried	1,459,511	1,823,719
No. of revenue passengers carried one mile	95,035,350	113,125,507
# Freight train miles	3,188,900	3,550,269
# Passenger train miles	3,052,111	3,290,385
Total train miles (Rev. & Non Rev.)	6,357,962	6,928,023
Freight car miles - loaded	63,414,419	75,294,171
Freight car miles - empty	31,744,774	32,900,986
Passenger train car miles	20,383,133	23,013,345
Total amount of pay roll	\$12,396,055.03	\$14,979,524.92
Number of employees	106,828	124,015
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>		
Operating revenue	\$13.44	\$16.93
Operating expenses	\$14.11	\$16.67
No. of tons moved one mile (Rev.Fr.)	1,057	1,228
No. of tons moved one mile (All Fr.)	1,167	1,344
No. of rev. passengers carried one mile	72	87
<u>#AVERAGES PER FREIGHT TRAIN MILE</u>		
Freight revenue	\$3.99	\$4.41
No. of tons of freight (Rev.Fr.)	435.1	452.0
No. of tons of freight (All Fr.)	480.4	494.5
Gross ton miles	1147.1	1180.5
Loaded freight cars	19.9	21.2
Empty freight cars	9.9	9.3
<u>#AVERAGES PER PASSENGER TRAIN MILE</u>		
Passenger train revenues	\$1.26	\$1.50
Passengers carried	31.1	34.4
Passenger cars	6.7	7.0
Average operating expenses per train mile	\$2.91	\$3.14
Average length of haul (Rev.Fr.) Miles	329.2	307.2
Average passenger journey Miles	65.1	62.0
Average tons per loaded freight car mile	24.2	23.3
Average freight receipt per rev. ton mile	.917¢	.975¢
Average passenger receipt per passenger per mile	2.507¢	2.765¢
Ratio of pay roll to operating revenues	70.3%	67.7%
Ratio of operating expenses to revenues	105.01%	98.47%
# - Contains a proportion of mixed train miles.		







OPERATING REVENUES, EXPENSES AND STATISTICS

CANADIAN NATIONAL RAILWAYS

For the Month of January, 1933

	1933	1932
<u>OPERATING REVENUES</u>		
Freight	\$5,620,513.00	\$7,575,229.00
Passenger	1,064,680.00	1,346,582.00
Mail	226,685.97	241,457.71
Express	476,852.13	615,648.46
Other freight train	31.20	54.00
Other passenger train	109,279.87	142,724.02
Water line		
All other	504,771.83	710,548.81
Total railway operating revenue	8,002,814.00	10,632,244.00
<u>OPERATING EXPENSES</u>		
Maintenance of way and structures	\$1,741,461.08	\$1,883,258.98
Maintenance of equipment	2,205,590.52	2,640,781.32
Traffic	351,891.82	421,030.41
Transportation	5,134,261.60	5,975,972.33
Miscellaneous operations	75,032.10	97,396.22
General	508,017.03	572,691.10
Trans. for investment	Cr. 7,956.39	Cr. 15,301.68
Total railway operating expenses	10,008,297.76	11,575,828.68
<u>OPERATING INCOME</u>		
Net operating revenue	Dr. \$2,005,483.76	Dr. \$943,584.68
Railway tax accruals	316,830.15	325,390.83
Uncollectable revenues	6,507.02	31,428.97
Hire of equipment	Cr. 16,725.67	Cr. 88,996.29
Joint facilities rents	Dr. 10,798.75	Dr. 20,505.18
Operating income	Dr. 2,322,894.01	Dr. 1,231,913.37
<u>OPERATING STATISTICS</u>		
Average miles of road operated	21,944.95	22,056.44
No. of tons carried (Rev. Fr.)	1,780,330	2,344,980
No. of tons carried one mile " "	628,582,436	805,823,362
No. of tons carried one mile (All Fr.)	712,617,031	888,643,653
Gross ton miles, excl. of locomotive & tender	1,690,634,039	2,053,559,455
No. of revenue passengers carried	730,664	884,014
No. of revenue passengers carried one mile	44,985,263	49,585,939
# Freight train miles	1,492,823	1,692,688
# Passenger train miles	1,405,284	1,442,656
Total train miles (Rev. & Non Rev.)	2,979,701	3,193,585
Freight car miles-loaded	29,534,687	36,981,362
Freight car miles-empty	13,885,716	15,597,399
Passenger train car miles	9,456,027	10,076,543
Total amount of pay roll	6,897,369	8,271,724
Number of employees	61,014	70,820
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>		
Operating revenue	\$11.76	\$15.55
Operating expenses	\$14.71	\$16.93
No. of tons moved one mile (Rev. Fr.)	924	1,179
No. of tons moved one mile (All Fr.)	1,048	1,300
No. of rev. passengers carried one mile	66	73
# <u>AVERAGES PER FREIGHT TRAIN MILE</u>		
Freight revenue	\$3.77	\$4.48
No. of tons of freight (Rev. Fr.)	421.1	476.1
No. of tons of freight (All Fr.)	477.4	525.0
Gross ton miles	1132.5	1213.2
Loaded freight cars	19.8	21.8
Empty freight cars	9.3	9.2
# <u>AVERAGES PER PASSENGER TRAIN MILE</u>		
Passenger train revenues	\$1.34	\$1.63
Passengers carried	32.0	34.4
Passenger cars	6.7	7.0
Average operating expenses per train mile	\$3.36	\$3.62
Average length of haul (Rev. Fr.) Miles	353.1	343.6
Average passenger journey Miles	61.6	56.1
Average tons per loaded freight car mile	24.1	24.0
Average freight receipt per revenue ton mile	.894¢	.940¢
Average passenger receipt per passenger per mile	2.367¢	2.716¢
Ratio of pay roll to operating revenues	86.2%	77.8%
Ratio of operating expenses to revenues	125.06%	108.87%

# - Contains a proportion of mixed train miles.





- 4 -

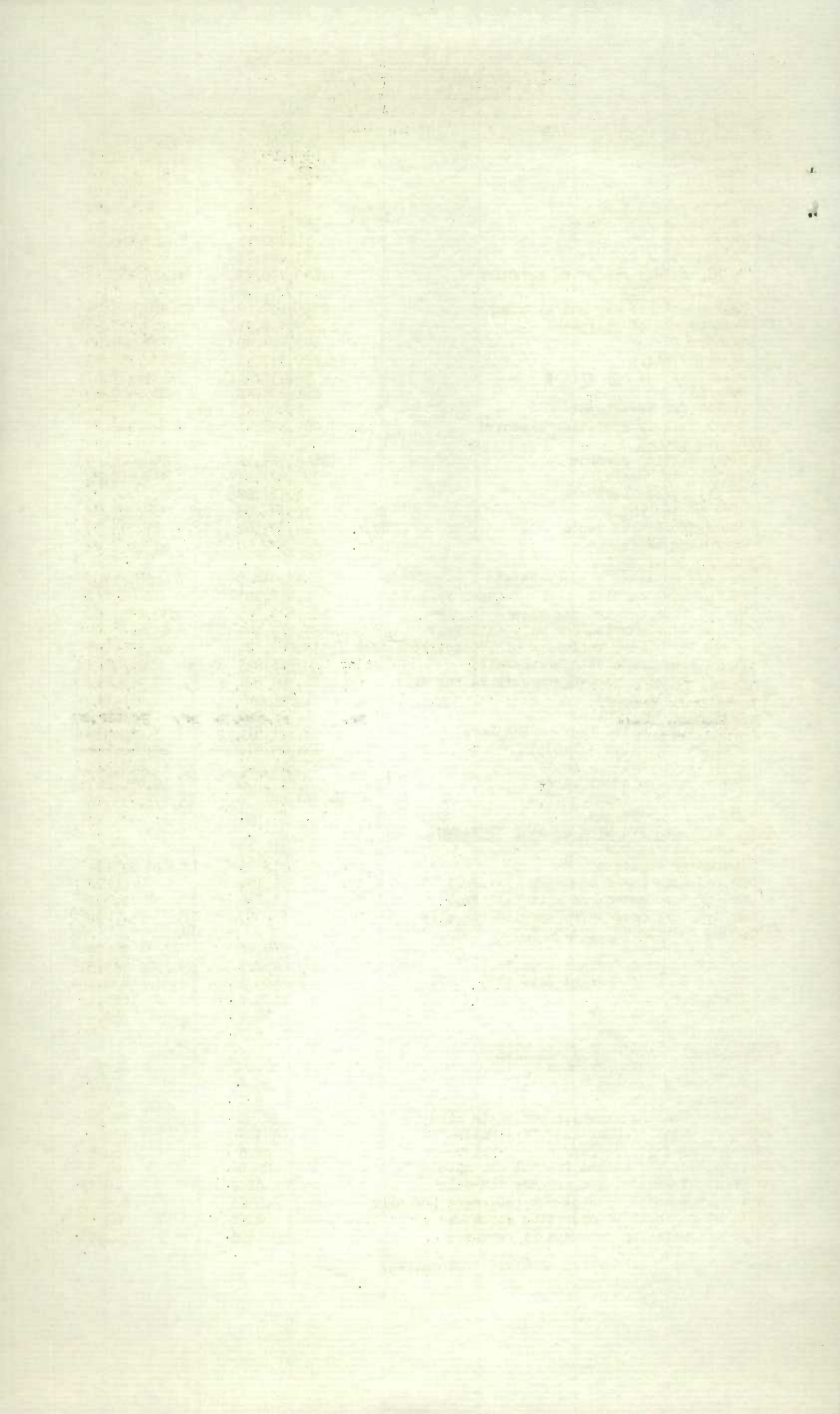
OPERATING REVENUES, EXPENSES AND STATISTICS

CANADIAN PACIFIC RAILWAY

For the Month of January, 1933

	1933	1932
<u>OPERATING REVENUES</u>		
Freight	\$5,554,150.15	\$6,307,601.89
Passenger	1,035,929.40	1,393,330.53
Mail	298,779.15	311,658.06
Express	99,015.27	167,024.93
Other freight train	3,300.48	4,627.92
Other passenger train	163,354.99	218,151.67
Water line	11,892.11	17,416.14
All other	493,048.98	696,151.05
Total railway operating revenues	7,659,470.53	9,115,962.19
<u>OPERATING EXPENSES</u>		
Maintenance of way and structures	\$955,119.19	\$1,216,586.74
Maintenance of equipment	1,229,333.31	1,507,327.56
Traffic	641,414.89	737,503.10
Transportation	3,820,347.55	4,374,355.53
Miscellaneous operations	98,732.80	139,319.07
General	261,299.48	285,600.03
Trans. for investment	Cr. 1,400.81	Cr. 10,809.83
Total railway operating expenses	7,004,846.41	8,249,882.20
<u>OPERATING INCOME</u>		
Net operating revenue	\$654,624.12	\$866,079.99
Railway tax accruals	345,927.13	336,610.21
Uncollectable revenues	1,514.88	
Hire of equipment	Cr. 30,784.06	Cr. 66,869.08
Joint facilities rents	Dr. 14,593.67	Cr. 21,139.97
Operating income	323,372.50	617,478.83
<u>OPERATING STATISTICS</u>		
Average miles of road operated	17,044.7	16,811.1
No. of tons carried (Rev. Fr.)	1,413,353	1,662,108
No. of tons carried one mile " "	626,679,795	639,835,782
No. of tons carried one mile (All Fr.)	683,275,949	703,618,994
Gross ton miles, exclusive of locomotive & tender	1,539,562,729	1,606,396,288
No. of revenue passengers carried	588,939	743,412
No. of revenue passengers carried one mile	40,494,521	49,456,217
# Freight train miles	1,355,464	1,476,011
# Passenger train miles	1,405,294	1,558,252
Total train miles (Rev. & Non Rev.)	2,791,516	3,060,639
Freight car miles - loaded	25,514,972	28,666,666
Freight car miles - empty	12,611,183	11,600,711
Passenger train car miles	8,887,270	10,451,827
Total amount of pay roll	\$4,787,021.70	\$5,778,715.03
Number of employees	39,653	46,295
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>		
Operating revenue	\$14.50	\$17.49
Operating expenses	\$13.26	\$15.83
No. of tons moved one mile (Rev. Fr.)	1,186	1,228
No. of tons moved one mile (All Fr.)	1,293	1,350
No. of Rev. passengers carried one mile	77	95
<u># AVERAGES PER FREIGHT TRAIN MILE</u>		
Freight revenue	\$4.10	\$4.28
No. of tons of freight (Rev. Fr.)	462.3	433.5
No. of tons of freight (All Fr.)	504.1	476.7
Gross ton miles	1135.8	1088.3
Loaded freight cars	18.8	19.4
Empty freight cars	9.3	7.9
<u># AVERAGES PER PASSENGER TRAIN MILE</u>		
Passenger train revenues	\$1.14	\$1.34
Passengers carried	28.8	31.7
Passenger cars	6.3	6.7
Average operating expenses per train mile	\$2.51	\$2.70
Average length of haul (Rev. Fr.) Miles	443.4	385.0
Average passenger journey Miles	68.8	66.5
Average tons per loaded freight car mile	26.8	24.5
Av. freight receipt per revenue ton mile	.887¢	.987¢
Average passenger receipt per passenger per mile	2.558¢	2.817¢
Ratio of pay roll to operating revenues	62.5%	63.4%
Ratio of operating expenses to revenues	91.45%	90.50%

# - Contains a proportion of mixed train miles.





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

For the Month of January, 1933

OPERATING REVENUES

	<u>1933</u>	<u>1932</u>
Canadian Lines	\$8,002,814.00	\$10,632,244.00
Duluth, Winnipeg and Pacific	54,113.00	85,209.00
Grand Trunk Western	1,212,364.00	1,313,478.00
New England Lines	92,150.00	97,241.00
Central Vermont	352,148.00	428,613.00
	<hr/>	<hr/>
Total	9,723,589.00	12,556,785.00
	<hr/>	<hr/>

OPERATING EXPENSES

Canadian Lines	\$10,008,297.76	\$11,575,828.68
Duluth, Winnipeg and Pacific	78,815.70	90,812.67
Grand Trunk Western	1,079,481.89	1,308,139.15
New England Lines	109,989.76	132,261.27
Central Vermont	354,427.88	421,406.54
	<hr/>	<hr/>
Total	11,631,012.99	13,528,448.31
	<hr/>	<hr/>

NET OPERATING REVENUE

Canadian Lines	Dr. \$2,005,483.76	Dr. \$943,584.68
Duluth, Winnipeg and Pacific	Dr. 24,702.70	Dr. 5,603.67
Grand Trunk Western	132,882.11	5,338.85
New England Lines	Dr. 17,839.76	Dr. 35,020.27
Central Vermont	7,720.12	7,206.46
	<hr/>	<hr/>
Total	Dr. 1,907,423.99	Dr. 971,663.31
	<hr/>	<hr/>

OPERATING INCOME

Canadian Lines	Dr. \$2,322,894.01	Dr. 1,231,913.37
Duluth, Winnipeg and Pacific	Dr. 5,955.94	9,405.33
Grand Trunk Western	Dr. 78,274.58	Dr. 204,683.23
New England Lines	Dr. 67,487.44	Dr. 96,203.83
Central Vermont	Dr. 12,560.85	Dr. 9,478.18
	<hr/>	<hr/>
Total	Dr. 2,488,172.82	Dr. 1,532,873.28
	<hr/>	<hr/>

STATISTICS CANADA LIBRARY  
BIBLIOTHÈQUE STATISTIQUE CANADA



1010553489