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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

AUGUST

1933

♦ ♦ ♦

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

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OTTAWA

1933

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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.
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OPERATING REVENUES, EXPENSES AND STATISTICS

STEAM RAILWAYS OF CANADA

WITH ANNUAL OPERATING REVENUES OF \$500,000

FOR THE MONTH OF AUGUST, 1933.

Canadian railways earned a gross revenue of \$23,730,041 in August which was an increase over the August 1932 revenues of \$630,110, or 2.7 per cent. This was the second month this year to show an increase over the corresponding month last year. Freight traffic, measured in ton miles, was heavier than in 1932 by 11.5 per cent, freight revenues increased by \$809,772, or 4.9 per cent, and passenger miles also increased by 4.7 per cent but passenger revenues decreased by \$205,084, or 6.1 per cent. Operating expenses were reduced by \$777,146 and net operating revenues were increased by \$1,407,256, or 119 per cent. Total pay roll was \$1,316,171, or 9.1 per cent, less than in 1932, and the number of employees was reduced by 4,227 or 3.5 per cent.

For the eight months, January to August, gross revenues were \$167,772,122 in 1933 and \$187,572,518 in 1932 and the operating income was \$4,973,182 in 1933 and \$7,047,286 in 1932.

CANADIAN NATIONAL RAILWAYS: For four successive months gross revenues have exceeded revenues for the same month last year but August was the first month to show an increase in net operating revenues. Gross revenues amounted to \$11,298,266, or \$432,575 more than for August 1932. Operating expenses were reduced from \$11,214,700 to \$10,576,247 increasing net operating revenues by \$1,071,028, or from a debit of \$349,009 in 1932 to a credit of \$722,018. Freight traffic was heavier than last year by 12.6 per cent and although the number of passengers carried decreased by 13.5 per cent the passenger miles were almost one per cent greater. Passenger revenues, however, decreased by \$141,665, or 9.4 per cent. The pay roll was reduced by \$624,858, or 8.0 per cent, and the number of employees decreased by 3,129, or 4.6 per cent. The lines in the United States all showed improvements in both gross and net revenues, the net revenues for the entire system increasing from a debit of \$466,191 in August, 1932, to a credit of \$1,007,030.

For the eight months gross revenues amounted to \$94,134,223 in 1933 and \$105,409,935 in 1932 and the operating income was a debit of \$5,656,399 in 1933 as against a debit of \$3,911,853 in 1932.

CANADIAN PACIFIC RAILWAY: Despite an increase in freight traffic of 7.1 per cent, freight revenues were less than in August 1932 by \$127,403, or 1.7 per cent, and total operating revenues decreased from \$10,172,076 to \$9,919,881, or by 2.5 per cent. Operating expenses were reduced by \$264,700, or 2.9 per cent, increasing net operating revenues from \$1,052,757 to \$1,065,262 and the operating income from \$697,206 to \$738,601. Total pay roll was reduced by \$693,374, or 12.0 per cent, and the number of employees by 1,078, or 2.3 per cent. Although the average receipts per ton mile and per passenger mile were less than in 1932, heavier loading increased both freight train revenue and passenger train revenue per train mile.

For January to August gross revenues amounted to \$70,697,536 in 1933 and to \$77,754,703 in 1932 and the operating income was \$6,968,122 in 1933 as against \$6,808,793 in 1932.

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

1933 1932

OPERATING REVENUES

Freight	\$17,235,120.03	\$16,425,347.72
Passenger	3,176,319.54	3,381,404.52
Mail	538,982.24	543,251.02
Express	1,017,965.76	1,049,873.58
Other freight train	1,791.62	961.48
Other passenger train	410,952.13	472,330.54
Water line	145,796.05	185,627.78
All other	1,203,114.24	1,041,134.77
Total railway operating revenues	23,730,041.61	23,099,931.41

OPERATING EXPENSES

Maintenance of way and structures	\$5,222,945.18	\$5,052,003.40
Maintenance of equipment	4,790,721.33	4,466,489.27
Traffic	1,016,198.29	1,142,721.35
Transportation	9,058,839.31	10,100,838.38
Miscellaneous operations	234,800.23	286,180.48
General	868,601.32	902,836.36
Trans. for investment	Cr. 47,627.40	Cr. 29,444.66
Total railway operating expenses	21,144,478.26	21,921,624.58

OPERATING INCOME

Net operating revenue	\$2,585,563.35	\$1,178,306.83
Railway tax accruals	749,894.90	705,153.94
Uncollectable revenues	1,765.14	14,538.15
Hire of equipment	Dr. 65,525.83	Dr. 102,204.69
Joint facilities rents	Dr. 89,860.63	Dr. 87,932.81
Operating income	1,678,516.85	268,477.24

OPERATING STATISTICS

Average miles of road operated	42,326.80	42,213.10
No. of tons carried (Rev. Fr.)	5,449,447	4,711,347
No. of tons carried one mile " "	1,752,166,269	1,572,073,590
No. of tons carried one mile (All Fr.)	1,998,916,520	1,812,796,720
Gross ton miles, excl. of locomotive & tender	4,744,355,219	4,325,167,239
No. of revenue passengers carried	1,612,251	1,779,573
No. of revenue passengers carried one mile	144,825,789	138,382,269
# Freight train miles	3,320,596	3,363,543
# Passenger train miles	3,091,296	3,347,968
Total train miles (Rev. & Non Rev.)	6,541,048	6,828,369
Freight car miles - loaded	80,727,070	73,949,240
Freight car miles - empty	41,792,677	38,716,837
Passenger train car miles	23,615,296	24,890,437
Total amount of pay roll	\$13,085,897.12	\$14,402,068.73
Number of employees	117,808	122,035

DAILY AVERAGES PER MILE OF ROAD OPERATED

Operating revenue	\$18.09	\$17.65
Operating expenses	\$16.11	\$16.75
No. of tons moved one mile (Rev. Fr.)	1,335	1,201
No. of tons moved one mile (All Fr.)	1,522	1,385
No. of rev. passengers carried one mile	110	106

AVERAGES PER FREIGHT TRAIN MILE

Freight revenue	\$5.19	\$4.88
No. of tons of freight (Rev. Fr.)	527.7	467.4
No. of tons of freight (All Fr.)	602.0	539.0
Gross ton miles	1428.8	1285.9
Loaded freight cars	24.3	22.0
Empty freight cars	12.6	11.5

AVERAGES PER PASSENGER TRAIN MILE

Passenger train revenues	\$1.66	\$1.63
Passengers carried	46.8	41.3
Passenger cars	7.6	7.4
Average operating expenses per train mile	\$3.23	\$3.21
Average length of haul (Rev. Fr.) Miles	321.5	333.7
Average passenger journey Miles	89.8	77.8
Average tons per loaded freight car mile	24.8	24.5
Average freight receipt per revenue ton mile	.984¢	1.045¢
Average passenger receipt per passenger per mile	2.193¢	2.444¢
Ratio of pay roll to operating revenues	55.1%	62.3%
Ratio of operating expenses to revenues	89.10%	94.90%

- Contains a proportion of mixed train miles.

OPERATING REVENUES, EXPENSES AND STATISTICS
CANADIAN NATIONAL RAILWAYS
For the Month of August, 1933.

	1933	1932
<u>OPERATING REVENUES</u>		
Freight	\$8,129,747.00	\$7,603,397.00
Passenger	1,367,593.00	1,509,258.00
Mail	228,152.00	230,571.59
Express	698,113.58	707,535.86
Other freight train	.	.
Other passenger train	146,559.22	166,068.21
Water line	.	.
All other	728,101.20	648,860.34
Total railway operating revenues	11,298,266.00	10,865,691.00
<u>OPERATING EXPENSES</u>		
Maintenance of way and structures	\$2,733,824.15	\$2,760,543.84
Maintenance of equipment	2,120,551.44	2,105,875.57
Traffic	349,253.48	407,405.44
Transportation	4,813,898.07	5,327,969.31
Miscellaneous operations	95,788.35	104,313.92
General	507,423.29	528,345.79
Trans. for investment	Cr. 44,491.14	Cr. 19,753.01
Total railway operating expenses	10,576,247.64	11,214,700.86
<u>OPERATING INCOME</u>		
Net operating revenue	\$722,018.36	Dr. \$349,009.86
Railway tax accruals	347,621.19	303,948.33
Uncollectable revenues	1,619.76	14,373.98
Hire of equipment	Cr. 101,203.75	Cr. 49,287.36
Joint facilities rents	Dr. 31,827.53	Dr. 26,088.17
Operating income	442,153.63	Dr. 644,132.98
<u>OPERATING STATISTICS</u>		
Average miles of road operated	21,943.50	22,054.89
No. of tons carried (Rev. Fr.)	2,159,077	1,982,695
No. of tons carried one mile " "	862,669,218	766,391,769
No. of tons carried one mile (All Fr.)	971,366,624	856,320,357
Gross ton miles, excl. of locomotive & tender	2258,473,515	2,048,260,784
No. of revenue passengers carried	767,121	886,779
No. of revenue passengers carried one mile	62,304,134	61,694,757
# Freight train miles	1,600,285	1,610,432
# Passenger train miles	1,434,798	1,532,171
Total train miles (Rev. & Non Rev.)	3,118,390	3,212,497
Freight car miles-loaded	38,757,789	35,343,880
Freight car miles-empty	19,657,684	18,619,948
Passenger train car miles	10,959,060	11,424,575
Total amount of pay roll	7,208,964	7,833,822
Number of employees	64,451	67,580
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>		
Operating revenue	\$16.61	\$15.89
Operating expenses	\$15.55	\$16.40
No. of tons moved one mile (Rev. Fr.)	1,268	1,121
No. of tons moved one mile (All Fr.)	1,428	1,252
No. of rev. passengers carried one mile	92	90
<u># AVERAGES PER FREIGHT TRAIN MILE</u>		
Freight revenue	\$5.08	\$4.72
No. of tons of freight (Rev. Fr.)	539.1	475.9
No. of tons of freight (All Fr.)	607.0	531.7
Gross ton miles	1411.3	1271.9
Loaded freight cars	24.2	21.9
Empty freight cars	12.3	11.6
<u># AVERAGES PER PASSENGER TRAIN MILE</u>		
Passenger train revenues	\$1.70	\$1.71
Passengers carried	43.4	40.3
Passenger cars	7.6	7.5
Average operating expenses per train mile	\$3.39	\$3.49
Average length of haul (Rev. Fr.) Miles	399.6	386.5
Average passenger journey Miles	81.2	69.6
Average tons per loaded freight car mile	25.1	24.2
Average freight receipt per revenue ton mile	.942¢	.992¢
Average passenger receipt per passenger per mile	2.195¢	2.446¢
Ratio of pay roll to operating revenues	63.8%	72.1%
Ratio of operating expenses to revenues	93.61%	103.21%

- Contains a proportion of mixed train miles.

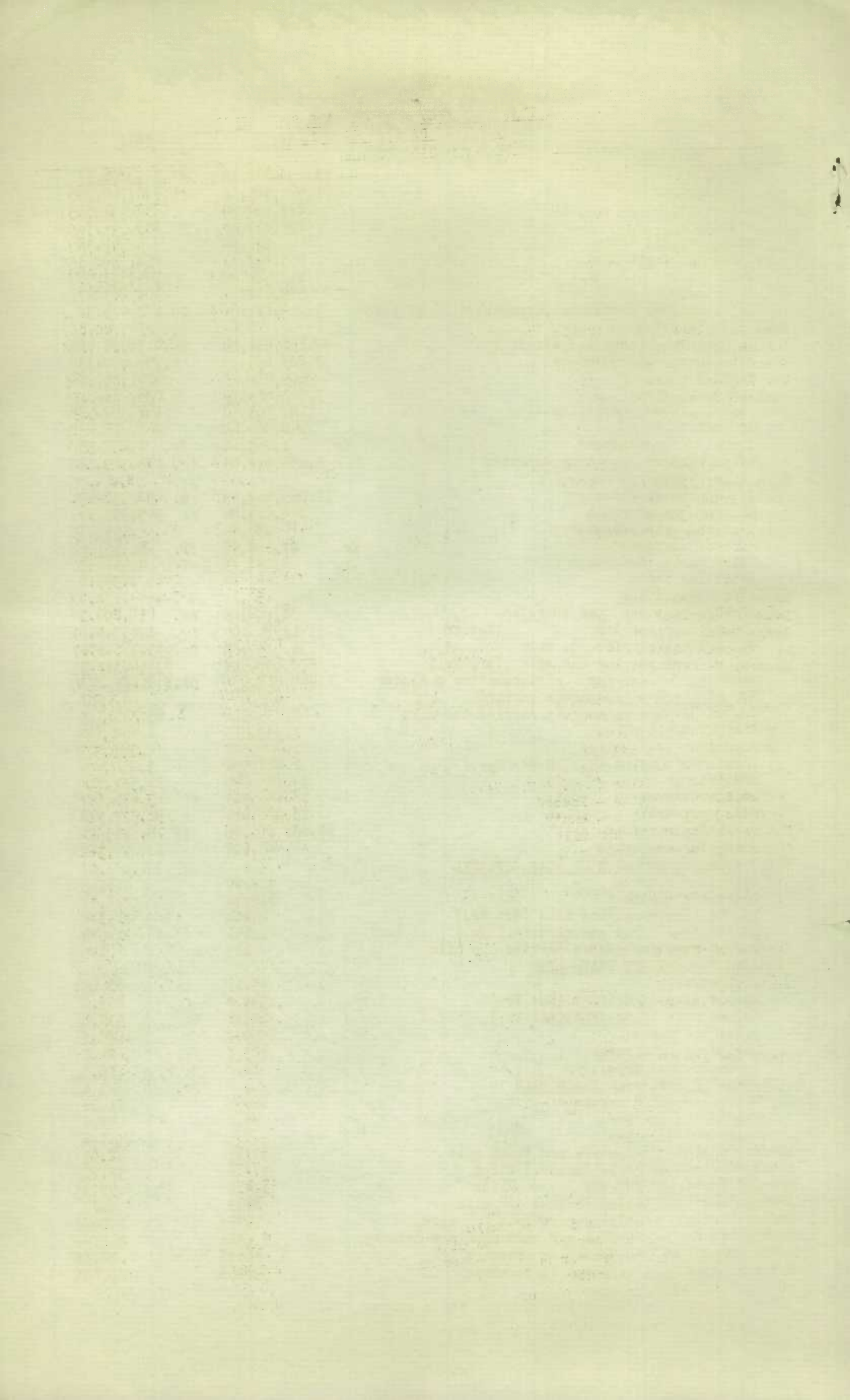
OPERATING REVENUES, EXPENSES AND STATISTICS

CANADIAN PACIFIC RAILWAY

For the month of August, 1933

	1933	1932
<u>OPERATING REVENUES</u>		
Freight	\$7,193,398.15	\$7,320,801.37
Passenger	1,443,325.57	1,578,760.06
Mail	275,930.90	277,301.51
Express	255,879.26	253,904.72
Other freight train	907.40	961.48
Other passenger train	253,263.41	294,490.13
Water line	117,504.20	144,573.68
All other	379,672.77	301,283.77
Total railway operating revenues	9,919,881.66	10,172,076.72
<u>OPERATING EXPENSES</u>		
Maintenance of way and structures	\$2,158,911.16	\$2,013,477.65
Maintenance of equipment	2,223,635.75	1,994,690.39
Traffic	609,236.49	678,955.98
Transportation	3,513,684.39	4,035,743.21
Miscellaneous operations	101,953.50	142,992.57
General	248,966.62	261,712.47
Trans. for investment	Cr. 1,769.18	Cr. 8,252.95
Total railway operating expenses	8,854,618.73	9,119,319.32
<u>OPERATING INCOME</u>		
Net operating revenue	\$1,065,262.93	\$1,052,757.40
Railway tax accruals	349,914.94	349,539.44
Uncollectable revenues	136.89	164.07
Hire of equipment	Cr. 17,152.85	Dr. 1,335.26
Joint facilities rents	Cr. 6,237.73	Dr. 4,512.47
Operating income	738,601.68	697,206.16
<u>OPERATING STATISTICS</u>		
Average miles of road operated	17,023.5	16,883.7
No. of tons carried (Rev.Fr.)	1,976,104	1,637,476
No. of tons carried one mile " "	738,674,438	689,735,951
No. of tons carried one mile (All Fr.)	872,686,917	836,983,725
Gross ton miles, excl. of locomotive & tender	1,960,217,951	1,877,062,523
No. of revenue passengers carried	627,664	681,857
No. of revenue passengers carried one mile	65,834,706	65,395,375
# Freight train miles	1,390,513	1,457,536
# Passenger train miles	1,406,322	1,558,809
Total train miles (Rev. & Non Rev.)	2,828,954	3,051,686
Freight car miles - loaded	33,125,746	31,331,318
Freight car miles - empty	16,656,984	15,671,597
Passenger train car miles	10,228,061	11,275,362
Total amount of pay roll	\$5,087,810.86	\$5,781,185.08
Number of employees	46,688	47,766
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>		
Operating revenue	\$18.80	\$19.43
Operating expenses	\$16.78	\$17.42
No. of tons moved one mile (Rev.Fr.)	1,400	1,318
No. of tons moved one mile (All Fr.)	1,654	1,599
No. of rev. passengers carried one mile	125	125
<u>#AVERAGES PER FREIGHT TRAIN MILE</u>		
Freight revenue	\$5.17	\$5.02
No. of tons of freight (Rev.Fr.)	531.2	473.2
No. of tons of freight (All Fr.)	627.6	574.2
Gross ton miles	1409.7	1287.8
Loaded freight cars	23.8	21.5
Empty freight cars	12.0	10.8
<u>#AVERAGES PER PASSENGER TRAIN MILE</u>		
Passenger train revenues	\$1.58	\$1.54
Passengers carried	46.8	42.0
Passenger cars	7.3	7.2
Average operating expenses per train mile	\$3.13	\$2.99
Average length of haul (Rev.Fr.) Miles	373.8	421.2
Average passenger journey Miles	104.9	95.9
Average tons per loaded freight car mile	26.3	26.7
Average freight receipt per revenue ton mile	.974¢	1.062¢
Average passenger receipt per passenger per mile	2.192¢	2.414¢
Ratio of pay roll to operating revenues	51.3%	56.8%
Ratio of operating expenses to revenues	89.26%	89.65%

- Contains a proportion of mixed train miles.



CANADIAN NATIONAL SYSTEM
(Steam Lines in Canada & United States)
For the Month of August, 1933

OPERATING REVENUES

	<u>1933</u>	<u>1932</u>
Canadian Lines	\$11,298,266.00	\$10,865,691.00
Duluth, Winnipeg and Pacific	97,633.00	56,753.00
Grand Trunk Western	1,371,889.00	979,384.00
New England Lines	116,952.00	94,714.00
Central Vermont Railway	492,016.00	451,036.00
Total	<u>13,376,756.00</u>	<u>12,447,578.00</u>

OPERATING EXPENSES

Canadian Lines	\$10,576,247.64	\$11,214,700.86
Duluth, Winnipeg and Pacific	76,579.24	80,867.56
Grand Trunk Western	1,220,491.51	1,093,744.68
New England Lines	116,902.80	131,531.00
Central Vermont Railway	379,503.96	392,925.00
Total	<u>12,369,725.15</u>	<u>12,913,769.10</u>

NET OPERATING REVENUES

Canadian Lines	\$722,018.36	Dr. \$349,009.86
Duluth, Winnipeg and Pacific	21,053.76	Dr. 24,114.56
Grand Trunk Western	151,397.49	Dr. 114,360.68
New England Lines	49.20	Dr. 36,817.00
Central Vermont Railway	112,512.04	58,111.00
Total	<u>1,007,030.85</u>	Dr. <u>466,191.10</u>

OPERATING INCOME

Canadian Lines	\$442,153.63	Dr. \$644,132.98
Duluth, Winnipeg and Pacific	29,519.88	Dr. 14,894.94
Grand Trunk Western	Dr. 28,211.51	Dr. 278,589.81
New England Lines	Dr. 50,257.83	Dr. 103,811.86
Central Vermont Railway	81,826.39	39,582.29
Total	<u>475,030.56</u>	Dr. <u>1,001,847.30</u>

S U M M A R Y

For Eight Months ended August 31st

ALL RAILWAYS

Operating revenues	\$167,772,122.56	\$187,572,518.62
Operating expenses	155,138,241.37	173,452,655.63
Net operating revenues	12,633,881.19	14,119,862.99
Operating income	4,973,182.10	7,047,286.33

CANADIAN NATIONAL RAILWAYS

Operating revenues - Canadian Lines	\$79,453,775.00	\$90,941,514.00
United States Lines	14,680,448.00	14,468,421.00
Total	<u>94,134,223.00</u>	<u>105,409,935.00</u>
Operating expenses - Canadian Lines	81,708,589.58	90,567,034.83
United States Lines	13,577,118.42	14,480,015.78
Total	<u>95,285,708.00</u>	<u>105,047,050.61</u>
Net operating revenues - Canadian Lines	Dr. 2,254,814.58	Cr. 374,479.17
United States Lines	Cr. 1,103,329.58	Dr. 11,594.78
Total	Dr. <u>1,151,485.00</u>	Cr. <u>362,884.39</u>
Operating income - Canadian Lines	Dr. 4,839,025.16	Dr. 1,810,682.75
United States Lines	Dr. 817,374.19	Dr. 2,101,170.36
Total	Dr. <u>5,656,399.35</u>	Dr. <u>3,911,853.11</u>

CANADIAN PACIFIC RAILWAY

Operating revenues	70,697,536.73	77,754,703.99
Operating expenses	60,965,683.45	68,251,178.40
Net operating revenue	9,731,853.28	9,503,525.59
Operating income	6,968,122.81	6,808,793.88

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