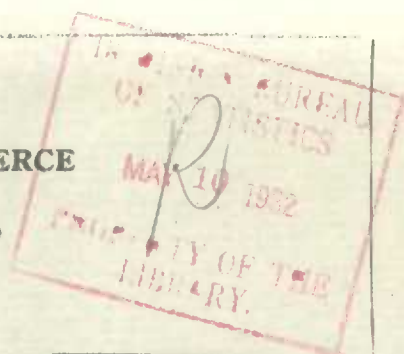


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CANADA
DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
TRANSPORTATION BRANCH



OPERATING REVENUES EXPENSES & STATISTICS
of
RAILWAYS

With Annual Operating Revenues of \$500,000

For
FEBRUARY
1932

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

+ + +

OTTAWA

1932

CHAPTER I

THE HISTORY OF THE
COUNTRY OF THE
FUTURE

THE HISTORY OF THE
COUNTRY OF THE
FUTURE

CHAPTER II

THE HISTORY OF THE
COUNTRY OF THE
FUTURE

III

CHAPTER III

IV

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 FEBRUARY, 1932

Gross earnings of Canadian railways for February amounted to \$22,293,662 which was a decrease from earnings of February 1931 of \$4,277,936, or 16.1 per cent. There was one additional day this year which, being a week day, should increase the earning capacity by close to 4 per cent. Operating expenses were reduced by \$4,480,154, or 16.8 per cent; thus increasing net operating revenues by \$202,218 and converting a loss of \$104,170 in 1931 into a credit of \$98,048 this year.

Freight traffic was 15.0 per cent lighter than in 1931 and passenger traffic decreased by 17.1 per cent. The total pay roll decreased from \$18,161,848 to \$15,104,986, or by \$3,056,862, and the average number of employees was decreased by 21,716, or 14.8 per cent. The total number of 124,561 employees was 551 more than for January, but, with this exception, was the smallest number recorded in the past twelve years and compares with 160,727, the high February in 1929, and the peak of 201,056 for June 1929.

EASTERN LINES - CANADIAN NATIONAL RAILWAYS: Gross revenues amounted to \$1,838,617 as against \$1,862,076 in 1931 and operating expenses were reduced from \$2,621,858 to \$2,103,976. The operating income improved, showing a loss of \$363,146 as against a loss of \$843,406 in 1931. Freight traffic decreased by 17.7 per cent, but passenger traffic decreased by only 2.1 per cent.

CANADIAN NATIONAL RAILWAYS, (Canadian Lines exclusive of Eastern Lines): Gross revenues amounted to \$9,072,017, or \$1,810,719 less than in 1931, and operating expenses were reduced by \$1,568,110, or to \$9,774,200; thus the net operating revenues showed a debit of \$702,183 as against a debit of \$459,574 in 1931. The pay roll, amounting to \$8,377,879, included \$48,514 of back pay.

Although all the United States lines showed reductions in gross revenues, the Duluth, Winnipeg and Pacific and the New England lines showed improvements in net operating revenues and in operating incomes. The entire system, exclusive of the Eastern Lines, showed an operating income debit of \$1,065,542 as against a debit of \$752,297 last year.

CANADIAN PACIFIC RAILWAY: With a decrease in freight traffic of 16.3 per cent and in passenger traffic of 11.8 per cent, gross revenues were reduced from \$10,823,268 in 1931 to \$9,029,822, or by \$1,793,445, and, with operating expenses reduced by \$1,743,006, the operating income showed a reduction of \$37,804. The pay roll showed a reduction of \$1,123,277, or 16.1 per cent, for a reduction of 10,251, or 18.2 per cent, in the number of employees. The extra day affects the pay roll but not the number of employees.

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OPERATING REVENUES, EXPENSES & STATISTICS
STEAM RAILWAYS OF CANADA
WITH ANNUAL OPERATING REVENUES OF \$500,000
For the Month of February, 1932

	1932	1931
<u>OPERATING REVENUES</u>		
Freight	\$16,434,815.61	\$19,552,500.03
Passenger	2,885,025.43	3,630,655.73
Mail	552,249.44	578,687.17
Express	911,414.13	1,117,701.04
Other freight train	5,593.06	3,440.94
Other passenger train	331,769.50	396,322.55
Water line	12,744.86	14,054.34
All other	1,160,049.00	1,278,236.27
Total railway operating revenues	22,293,662.03	26,571,598.07
<u>OPERATING EXPENSES</u>		
Maintenance of way and structures	\$3,643,218.97	\$4,388,585.36
Maintenance of equipment	4,895,192.71	6,162,059.51
Profile	1,197,546.37	1,546,366.33
Transportation	11,230,996.93	13,263,283.90
Miscellaneous operations	258,592.81	347,336.72
General	994,138.06	1,102,469.46
Trans. for investment	Cr. 24,072.04	Cr. 134,332.66
Total railway operating expenses	22,195,613.81	26,475,768.62
<u>OPERATING INCOME</u>		
Net operating revenue	\$98,048.22	Dr. \$104,170.55
Railway tax accruals	756,717.12	748,047.00
Uncollectable revenues	1,742.37	3,253.82
Hire of equipment	Dr. 54,469.21	Dr. 60,857.99
Joint facilities rents	Dr. 105,850.08	Dr. 110,912.90
Operating income	Dr. 820,730.56	Dr. 1,027,242.26
<u>OPERATING STATISTICS</u>		
Average miles of road operated	42,141.68	41,987.23
No. of tons carried (Rev. Fr.)	5,539,944	6,844,270
No. of tons carried one mile " "	1,659,322,378	1,952,375,992
No. of tons carried one mile (All Fr.)	1,834,994,347	2,171,657,279
Gross ton miles, excl. of locomotive & tender	4,340,313,989	5,018,814,402
No. of revenue passengers carried	1,804,166	2,378,770
No. of revenue passengers carried one mile	106,974,091	129,056,283
# Freight train miles	3,558,036	3,931,338
# Passenger train miles	3,093,152	3,602,403
Total train miles (Rev. & Non Rev.)	6,803,078	7,700,051
Freight car miles-loaded	76,526,843	88,936,971
Freight car miles-empty	34,982,250	37,802,847
Passenger train car miles	21,087,519	23,881,116
Total amount of pay roll	\$15,104,986.17	\$18,161,848.92
Number of employees	124,561	146,277
<u>DAILY AVERAGES PER MILE ON ROAD OPERATED</u>		
Operating revenue	\$18.24	\$22.60
Operating expenses	\$18.16	\$22.69
No. of tons moved one mile (Rev. Fr.)	1,358	1,661
No. of tons moved one mile (All Fr.)	1,501	1,847
No. of rev. passengers carried one mile	83	110
<u># AVERAGES PER FREIGHT TRAIN MILE</u>		
Freight revenue	\$4.62	\$4.97
No. of tons of freight (Rev. Fr.)	466.4	496.6
No. of tons of freight (All Fr.)	515.7	552.4
Gross ton miles	1219.9	1276.6
Loaded freight cars	21.5	22.6
Empty freight cars	9.8	9.6
<u># AVERAGES PER PASSENGER TRAIN MILE</u>		
Passenger train revenues	\$1.51	\$1.59
Passengers carried	34.6	35.8
Passenger cars	6.8	6.6
Average operating expenses per train mile	\$3.26	\$3.46
Average length of haul (Rev. Fr.) Miles	299.5	285.3
Average passenger journey Miles	59.3	54.3
Average tons per loaded freight car mile	24.0	24.4
Average freight receipt per revenue ton mile	.990¢	1.001¢
Average passenger receipt per passenger per mile	2.697¢	2.813¢
Ratio of pay roll to operating revenues	67.8%	68.4%
Ratio of operating expenses to revenues	99.56%	100.39%

Contains a proportion of mixed train miles.

OPERATING REVENUES, EXPENSES & STATISTICS

EASTERN LINES

CANADIAN NATIONAL RAILWAYS

For the Month of February, 1932

	1932	1931
<u>OPERATING REVENUES</u>		
Freight xx	\$1,305,992.00	\$1,315,153.00
Passenger	257,878.00	270,562.00
Mail	60,972.00	66,500.00
Express	106,453.00	110,304.00
Other freight train	-	-
Other passenger train	26,944.52	27,827.53
Water line	-	-
All other	80,377.48	71,729.47
Total railway operating revenues	1,838,617.00	1,862,076.00
<u>OPERATING EXPENSES</u>		
Maintenance of way and structures	367,809.41	485,197.29
Maintenance of equipment	449,070.08	563,366.80
Traffic	66,517.06	81,206.06
Transportation	1,065,295.80	1,321,175.47
Miscellaneous operations	20,728.10	27,182.05
General	135,234.04	144,683.20
Trans. for investment	Cr. 678.29	Cr. 952.57
Total railway operating expenses	2,103,976.20	2,621,858.30
<u>OPERATING INCOME</u>		
Net operating revenue	Dr. \$ 265,359.20	Dr. \$759,782.30
Railway tax accruals	23,888.74	24,667.56
Uncollectable revenues	181.73	874.53
Hire of equipment	Dr. 79,043.62	Dr. 58,002.34
Joint facilities rents	Cr. 327.04	Dr. 79.85
Operating income	Dr. 368,146.25	Dr. 843,406.58
<u>OPERATING STATISTICS</u>		
Average miles of road operated	3,342.37	3,342.39
No. of tons carried (Rev.Fr.)	380,023	472,102
No. of tons carried one mile " "	125,506,443	152,533,419
No. of tons carried one mile (All Fr.)	133,676,734	173,915,923
Gross ton miles, excl. of locomotive & tender	303,639,297	380,095,048
No. of revenue passengers carried	207,501	298,615
No. of revenue passengers carried one mile	10,817,369	11,053,292
# Freight train miles	277,920	360,956
# Passenger train miles	270,087	294,239
Total train miles (Rev. & Non Rev.)	547,930	691,572
Freight car miles-loaded	5,903,129	7,101,874
Freight car miles-empty	1,517,990	2,135,180
Passenger train car miles	1,684,115	1,834,600
Total amount of pay roll	Included in Canadian Lines	
Number of employees	" " "	" "
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>		
Operating revenue	\$18.97	\$19.90
Operating expenses	\$21.71	\$28.02
No. of tons moved one mile (Rev.Fr.)	1,295	1,630
No. of tons moved one mile (All Fr.)	1,379	1,858
No. of rev. passengers carried one mile	112	118
<u>#AVERAGES PER FREIGHT TRAIN MILE</u>		
Freight revenue	\$4.70	\$3.64
No. of tons of freight (Rev.Fr.)	451.6	422.6
No. of tons of freight (All Fr.)	481.0	481.8
Gross ton miles	1092.5	1053.0
Loaded freight cars	21.2	19.7
Empty freight cars	5.5	5.9
<u>#AVERAGES PER PASSENGER TRAIN MILE</u>		
Passenger train revenues	\$1.67	\$1.61
Passengers carried	40.1	37.6
Passenger cars	6.2	6.2
Average operating expenses per train mile	\$3.68	\$3.79
Average length of haul (Rev.Fr.) Miles	330.3	323.1
Average passenger journey Miles	52.1	37.0
Average tons per loaded freight car mile	22.6	24.5
Average freight receipt per revenue ton mile	1.041¢	.862¢
Average passenger receipt per passenger per mile	2.384¢	2.448¢
Ratio of operating expenses to revenues	114.43%	140.80%
xx Including account Maritime Freight Rates Act	\$126,000.00	\$156,000.00
# Contains a proportion of mixed train miles.		

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OPERATING REVENUES, EXPENSES & STATISTICS

CANADIAN NATIONAL RAILWAYS

For the Month of February, 1932

	1932	1931
<u>OPERATING REVENUES</u>		
Freight	\$6,664,928.00	\$7,914,775.49
Passenger	1,015,243.00	1,387,094.80
Mail	172,211.08	202,998.75
Express	555,675.53	632,492.83
Other freight train	145.80	134.59
Other passenger train	103,999.73	133,538.67
Water line	- -	- -
All other	559,813.86	611,701.22
Total railway operating revenues	9,072,017.00	10,882,736.35
<u>OPERATING EXPENSES</u>		
Maintenance of way and structures	\$1,627,973.60	\$1,873,390.72
Maintenance of equipment	2,305,224.86	2,709,709.93
Traffic	426,237.79	554,347.22
Transportation	4,901,273.99	5,709,067.76
Miscellaneous operations	71,016.99	104,326.65
General	456,710.46	506,899.72
Trans. for investment	Cr. 14,237.14	Cr. 115,431.33
Total railway operating expenses	9,774,200.55	11,342,310.67
<u>OPERATING INCOME</u>		
Net operating revenue	Dr. \$702,183.55	Dr. \$459,574.32
Railway tax accruals	311,324.27	310,588.68
Uncollectable revenues	1,047.70	2,377.44
Hire of equipment	Cr. 149,884.91	Cr. 166,430.51
Joint facilities rents	Dr. 14,559.14	Dr. 16,174.94
Operating income	Dr. 879,229.75	Dr. 622,284.87
<u>OPERATING STATISTICS</u>		
Average miles of road operated	18,714.07	18,597.67
No. of tons carried (Rev. Fr.)	2,129,313	2,546,747
No. of tons carried one mile " "	702,454,050	790,509,539
No. of tons carried one mile (All Fr.)	787,690,449	895,137,599
Gross ton miles, excl. of locomotive & tender	1,812,606,872	2,034,489,169
No. of revenue passengers carried	676,395	969,873
No. of revenue passengers carried one mile	37,585,934	50,031,253
# Freight train miles	1,420,014	1,452,059
# Passenger train miles	1,088,815	1,426,524
Total train miles (Rev. & Non Rev.)	2,586,925	2,950,471
Freight car miles-loaded	31,823,861	36,551,718
Freight car miles-empty	14,840,030	16,014,576
Passenger train car miles	7,646,392	8,981,973
Total amount of pay roll (Including Eastern Lines)	\$8,377,879	\$10,093,910
Number of employees " " "	71,380	81,902
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>		
Operating revenue	\$16.72	\$20.90
Operating expenses	\$18.01	\$21.78
No. of tons moved one mile (Rev. Fr.)	1,294	1,518
No. of tons moved one mile (All Fr.)	1,451	1,719
No. of rev. passengers carried one mile	69	96
<u>#AVERAGES PER FREIGHT TRAIN MILE</u>		
Freight revenue	\$4.69	\$5.45
No. of tons of freight (Rev. Fr.)	494.7	544.4
No. of tons of freight (All Fr.)	554.7	616.5
Gross ton miles	1276.5	1401.1
Loaded freight cars	22.4	25.2
Empty freight cars	10.5	11.0
<u>#AVERAGES PER PASSENGER TRAIN MILE</u>		
Passenger train revenues	\$1.70	\$1.65
Passengers carried	34.5	35.1
Passenger cars	7.0	6.3
Average operating expenses per train mile	\$3.78	\$3.84
Average length of haul (Rev. Fr.) Miles	329.9	310.4
Average passenger journey Miles	55.6	51.6
Average tons per loaded freight car mile	24.8	24.5
Average freight receipt per revenue ton mile	.949¢	1.001¢
Average passenger receipt per passenger per mile	2.701¢	2.772¢
X Ratio of pay roll to operating revenues	76.8%	79.2%
Ratio of operating expenses to revenues	107.74%	104.22%
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 February, 1932

	1932	1931
OPERATING REVENUES		
Freight	\$6,655,752.14	\$8,022,760.23
Passenger	1,277,873.72	1,520,509.45
Mail	282,741.70	272,820.54
Express	175,922.10	284,909.19
Other freight train	5,411.82	3,361.58
Other passenger train	190,349.75	222,525.83
Water line	12,744.86	13,077.24
All other	429,026.74	483,404.52
Total railway operating revenues	9,029,822.83	10,489,268.58
OPERATING EXPENSES		
Maintenance of way and structures	\$1,351,875.13	\$1,508,255.56
Maintenance of equipment	1,694,253.72	2,299,532.11
Traffic	629,911.03	826,957.97
Transportation	4,393,782.02	5,110,569.29
Miscellaneous operations	128,448.70	162,807.12
General	271,039.69	312,590.13
Trans. for investment	Cr. 8,793.31	Cr. 17,188.52
Total railway operating expenses	8,460,526.98	10,203,523.66
OPERATING INCOME		
Net operating revenue	\$569,305.85	\$619,744.92
Railway tax accruals	353,282.85	340,683.92
Uncollectable revenues	44.00	-
Hire of equipment	Cr. 41,149.19	Cr. 15,534.86
Joint facilities rents	Dr. 27,694.00	Dr. 27,357.65
Operating income	229,434.19	267,238.21
OPERATING STATISTICS		
Average miles of road operated	16,811.1	16,766.8
No. of tons carried (Rev.Fr.)	1,815,480	2,105,211
NW. of tons carried one mile " "	679,467,531	811,876,456
No. of tons carried one mile (All Fr.)	756,417,564	900,386,686
Gross ton miles, excl. of locomotive & tender	1,697,418,630	1,989,176,612
No. of revenue passengers carried	741,235	881,273
No. of revenue passengers carried one mile	46,725,107	52,972,068
# Freight train miles	1,484,350	1,636,512
# Passenger train miles	1,466,515	1,566,736
Total train miles (Rev. & Non Rev.)	2,993,558	3,305,881
Freight car miles-loaded	29,465,846	34,048,607
Freight car miles-empty	12,775,926	14,264,767
Passenger train car miles	9,110,581	10,403,356
Total amount of pay roll	\$5,851,198.90	\$6,974,476.43
Number of employees	46,077	56,328
DAILY AVERAGES PER MILE OF ROAD OPERATED		
Operating revenue	\$18.52	\$23.05
Operating expenses	\$17.35	\$21.73
No. of tons moved one mile (Rev.Fr.)	1,394	1,729
No. of tons moved one mile (All Fr.)	1,552	1,918
No. of rev. passengers carried one mile	96	113
AVERAGES PER FREIGHT TRAIN MILE		
Freight revenue	\$4.49	\$4.76
No. of tons of freight (Rev.Fr.)	457.8	481.4
No. of tons of freight (All Fr.)	509.6	533.9
Gross ton miles	1143.5	1179.5
Loaded freight cars	19.9	20.4
Empty freight cars	8.6	8.5
AVERAGES PER PASSENGER TRAIN MILE		
Passenger train revenues	\$1.31	\$1.47
Passengers carried	31.9	33.8
Passenger cars	6.5	6.6
Average operating expenses per train mile	\$2.83	\$3.09
Average length of haul (Rev.Fr.) Miles	374.3	385.7
Average passenger journey Miles	63.0	60.1
Average tons per loaded freight car mile	25.7	25.1
Average freight receipt per revenue ton mile	.980¢	.988¢
Average passenger receipt per passenger per mile	2.735¢	2.870¢
Ratio of pay roll to operating revenues	64.8%	64.4%
Ratio of operating expenses to revenues	93.70%	94.27%

- Contains a proportion of mixed train miles.

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

For the month of February, 1932

OPERATING REVENUES

	1932	1931
Canadian Lines	\$9,072,017.00	\$10,882,736.35
Duluth, Winnipeg and Pacific	96,854.00	116,069.00
Grand Trunk Western Railroad	1,317,434.00	1,739,569.00
New England Lines	104,814.00	148,450.65
Central Vermont Railway	413,278.00	527,238.00
Total	<u>11,004,397.00</u>	<u>13,414,063.00</u>

OPERATING EXPENSES

Canadian Lines	\$9,774,200.55	\$11,342,310.67
Duluth, Winnipeg and Pacific	87,757.04	126,495.69
Grand Trunk Western	1,229,675.66	1,493,556.29
New England Lines	119,876.53	164,400.28
Central Vermont Railway	382,316.21	457,848.86
Total	<u>11,593,825.99</u>	<u>13,584,611.79</u>

NET OPERATING REVENUE

Canadian Lines	Dr. \$702,183.55	Dr. \$459,574.32
Duluth, Winnipeg and Pacific	9,096.96	Dr. 10,426.69
Grand Trunk Western	87,758.34	246,012.71
New England Lines	Dr. 15,062.53	Dr. 15,949.63
Central Vermont Railway	30,961.79	69,389.14
Total	Dr. <u>589,428.99</u>	Dr. <u>170,548.79</u>

OPERATING INCOME

Canadian Lines	Dr. \$879,229.75	Dr. \$622,284.87
Duluth, Winnipeg and Pacific	23,464.09	Dr. 9,279.23
Grand Trunk Western	Dr. 132,172.49	Dr. 96,159.05
New England Lines	Dr. 74,354.65	Dr. 85,762.50
Central Vermont Railway	Dr. 3,249.87	61,188.61
Total	Dr. <u>1,065,542.67</u>	Dr. <u>752,297.04</u>

S U M M A R Y

For Two Months ended February 29

ALL RAILWAYS

Operating revenues	\$44,414,112.33	\$54,646,574.85
Operating expenses	43,976,520.88	54,401,092.28
Net operating revenues	437,591.45	245,482.57
Operating income	Dr. 1,306,733.32	Dr. 1,505,637.87

CANADIAN NATIONAL RAILWAYS

Operating revenues - Canadian Lines	\$18,095,805.00	\$22,085,637.35
# United States Lines	3,856,921.00	5,085,300.65
Total	<u>21,952,726.00</u>	<u>27,170,938.00</u>
Operating expenses - Canadian Lines	19,358,032.59	23,270,728.34
# United States Lines	3,772,245.07	4,582,687.01
Total	<u>23,130,277.66</u>	<u>27,853,415.35</u>
Net operating revenue - Canadian Lines	Dr. 1,262,227.59	Dr. 1,185,090.99
# United States Lines	84,675.93	502,613.64
Total	Dr. <u>1,177,551.66</u>	Dr. <u>682,477.35</u>
Operating income - Canadian Lines	Dr. 1,625,830.45	Dr. 1,457,074.97
# United States Lines	Dr. 487,272.83	Dr. 338,123.66
Total	Dr. <u>2,113,153.28</u>	Dr. <u>1,795,198.63</u>

CANADIAN NATIONAL RAILWAYS - EASTERN LINES

Operating revenues	\$3,447,073.00	\$3,758,151.00
Operating expenses	4,095,972.84	5,226,025.31
Net operating revenues	Dr. 648,899.84	Dr. 1,467,874.31
Operating income	Dr. 853,408.92	Dr. 1,632,995.17

CANADIAN PACIFIC RAILWAY

Operating revenues	\$18,145,785.02	\$22,684,871.97
Operating expenses	16,710,399.18	20,906,974.59
Net operating revenues	1,435,385.84	1,777,897.38
Operating income	846,913.02	1,129,486.25

Including Central Vermont Railway.



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