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DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

TRANSPORTATION BRANCH

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OPERATING REVENUES EXPENSES & STATISTICS

of

RAILWAYS

With Annual Operating Revenues of \$500,000

For

APRIL

1928

+ + +

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

+ + +

OTTAWA

1928

Historical File Copy

DEPARTMENT OF TRANSPORTATION  
BUREAU OF RAILROADS  
WASHINGTON, D. C.

OPERATING REVENUE EXPENSES & STATISTICS

of

RAILWAYS

With Annual Operating Revenue of \$100,000

1911

1912

1913

Published by authority of the Board of Railroad Commissioners  
of the State of Maryland

1914

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

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

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OPERATING REVENUES, EXPENSES & STATISTICS

STEAM RAILWAYS OF CANADA

WITH ANNUAL OPERATING REVENUES OF \$500,000

FOR THE MONTH OF APRIL, 1928

Total freight traffic handled by all railways was 5.9 per cent lighter than in April, 1927; the late opening of navigation through the Sault Ste. Marie canals and consequently the light movement of grain to the head of the lakes was the largest factor in this decrease. Gross revenues, however, increased by \$743,053 or 1.9 per cent. The average receipt per ton mile increased from 1.087 cents to 1.186 cents, or by 9 per cent, the decrease in the grain traffic which is carried at about .6 cent per ton mile affecting the average. Operating expenses were heavier by \$703,126, or 2.2 per cent and the net operating revenue was increased by \$39,927. The light grain movement was undoubtedly the chief factor in the reduced average net tons per train mile and per car mile and also in the shorter average haul.

For the four months, gross revenues were larger than in 1927 by \$9,172,187 and net operating revenues increased by \$3,485,073.

CANADIAN NATIONAL RAILWAYS: The Canadian National Railways showed an increase of \$691,522, or 4.5 per cent in gross revenues and \$56,865 in the net revenue. Operating expenses increased by \$634,656, or 4.6 per cent, maintenance of way and structures showing an increase of \$285,625, or 10.4 per cent, whereas maintenance of equipment was lighter by \$33,112. The average train loading was lighter by 9.9 gross tons, 21.7 net tons and 30.6 revenue tons, the average tons per loaded car mile was lighter by one ton, the average haul decreased by 30.2 miles and the average receipt per ton mile increased by .169 cent, or 16 per cent.

The lines in the United States showed an increase in net operating revenues of \$90,157, the increase on the Duluth, Winnipeg and Pacific and Grand Trunk Western more than offsetting the decrease of \$91,549 on the New England Lines.

For the four months, the net revenues on the Canadian lines show an increase of \$2,404,038 and on the United States lines a decrease of \$8,740, making an increase on the system of \$2,395,298.

CANADIAN NATIONAL RAILWAYS, EASTERN LINES: The Eastern Lines showed a decrease in operating revenues of \$211,234 and an increase in operating expenses of \$97,101, which produced an operating deficit of \$299,067 as against a net operating revenue of \$9,268 in April, 1927, being a decrease of \$308,336. The revenue ton miles were lighter by 2.7 per cent, but, with a decrease in average receipts per ton mile of .132 cent, or 12 per cent, the freight revenues decreased by 10.3 per cent. The earnings per passenger train mile were as high as on the Canadian National lines but the earnings per freight train mile were considerably less, due to lighter loading and lower average receipts.



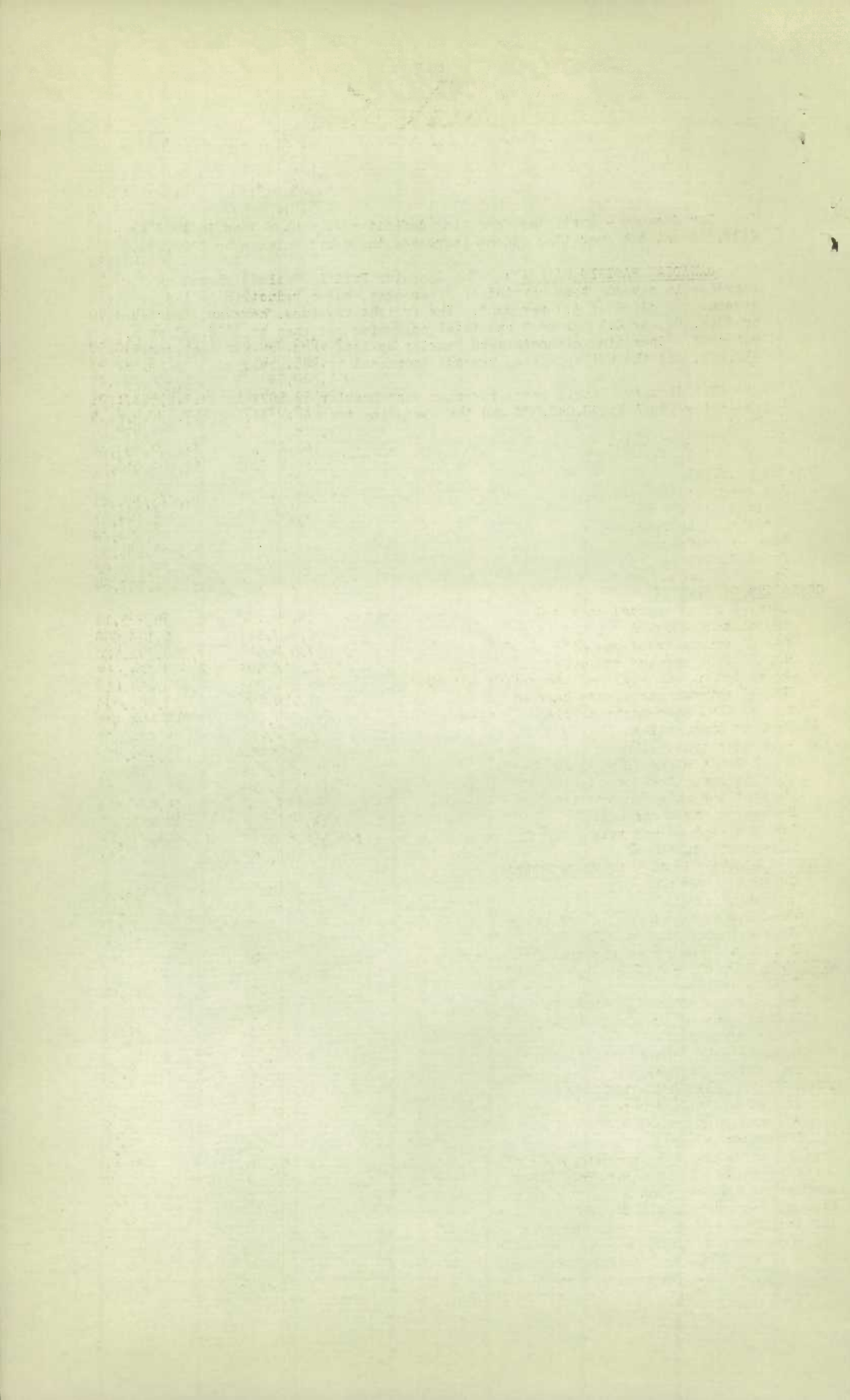


For January - April the operating deficit was greater than in 1927 by \$837,315 and the operating income increased the debit balance by \$902,659.

CANADIAN PACIFIC RAILWAY: The Canadian Pacific Railway showed an increase in revenue tons carried of 2 per cent, but a reduction in the revenue ton miles of 5.7 per cent. The freight revenues, however, increased by \$282,589, or 2.7 per cent and total operating revenues by \$292,193, or 1.9 per cent. Operating expenses were heavier by less than one per cent, or by \$32,052, and the net operating revenue increased by \$260,141.

For January - April gross revenues were heavier in 1928 by \$4,314,058, the net revenue by \$2,048,578 and the operating income by \$1,802,617.

27/6/28/GA





## OPERATING REVENUES, EXPENSES &amp; STATISTICS

## STEAM RAILWAYS OF CANADA

## WITH ANNUAL OPERATING REVENUES OF \$500,000

For the Month of April, 1928

	1928	1927
<u>OPERATING REVENUES</u>		
Freight	\$27,965,599.68	\$27,242,684.00
Passenger	6,525,610.85	6,513,917.08
Mail	612,836.37	615,693.22
Express	1,770,245.40	1,778,156.60
Other freight train	6,900.86	3,934.30
Other passenger train	576,565.92	565,473.21
Water line	51,135.88	75,967.99
All other	1,734,060.51	1,704,075.30
Total railway operating revenues	39,242,955.47	38,499,901.70
<u>OPERATING EXPENSES</u>		
Maintenance of way and structures	\$6,859,050.63	\$6,729,448.50
Maintenance of equipment	8,243,050.66	8,212,242.27
Traffic	1,529,387.24	1,422,556.43
Transportation	15,359,904.47	14,933,171.03
Miscellaneous operations	418,071.75	397,095.15
General	1,018,498.05	991,478.61
Trans. for investment	Cr. 62,830.00	Cr. 23,985.60
Total railway operating expenses	33,365,132.80	32,662,006.39
<u>OPERATING INCOME</u>		
Net operating revenue	\$5,877,822.67	\$5,837,895.31
Railway tax accruals	703,401.27	711,445.01
Uncollectable revenues	4,844.19	6,930.28
Hire of equipment	Dr. 139,125.71	Cr. 27,898.00
Joint facilities rents	Dr. 15,660.60	Cr. 23,939.62
Operating income	5,014,790.90	5,171,357.64
<u>OPERATING STATISTICS</u>		
Average miles of road operated	39,647.42	39,365.11
No. of tons carried (Rev. Fr.)	8,997,193	9,135,055
No. of tons carried one mile " "	2,357,512,506	2,506,372,420
No. of tons carried one mile (All Fr.)	2,806,138,503	2,905,324,068
Gross ton miles, excl. of locomotive & tender	6,600,921,093	6,636,694,617
No. of revenue passengers carried	3,158,104	3,401,078
No. of rev. passengers carried one mile	245,399,758	248,468,345
# Freight train miles	5,054,289	5,079,207
# Passenger train miles	3,894,004	3,900,412
Total train miles (Rev. & Non Rev.)	9,246,719	9,242,599
Freight car miles-loaded	123,012,010	121,346,017
Freight car miles-empty	54,683,072	58,823,362
Passenger train car miles	28,780,506	28,787,691
Total amount of pay roll	\$20,956,640.85	\$20,568,249.48
Number of employees	167,059	165,678
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>		
Operating revenue	\$32.99	\$32.60
Operating expenses	\$28.05	\$27.66
No. of tons moved one mile (Rev. Fr.)	1,982	2,122
No. of tons moved one mile (All Fr.)	2,359	2,460
No. of rev. passengers carried one mile	206	210
<u>#AVERAGES PER FREIGHT TRAIN MILE</u>		
Freight revenue	\$5.53	\$5.36
No. of tons of freight (Rev. Fr.)	466.4	493.5
No. of tons of freight (All Fr.)	555.2	572.0
Gross ton miles	1306.0	1306.6
Loaded freight cars	24.3	23.9
Empty freight cars	10.8	11.6
<u>#AVERAGES PER PASSENGER TRAIN MILE</u>		
Passenger train revenues	\$2.44	\$2.43
Passengers carried	63.0	63.7
Passenger cars	7.4	7.4
Average operating expenses per train mile	\$3.61	\$3.53
Average length of haul (Rev. Fr.) Miles	262.0	274.4
Average passenger journey Miles	77.7	73.1
Average tons per loaded freight car mile	22.8	23.9
Av. freight receipt per rev. ton mile	1.186¢	1.087¢
Av. passenger receipt per pass. per mile	2.659¢	2.622¢
Ratio of pay roll to operating revenues	53.4%	53.4%
Ratio of operating expenses to revenues	85.02%	84.84%
# Contains a proportion of mixed train miles.		





## OPERATING REVENUES, EXPENSES &amp; STATISTICS

## EASTERN LINES

## CANADIAN NATIONAL RAILWAYS

For the Month of April, 1928

	1928	1927
<u>OPERATING REVENUES</u>		
Freight	\$1,442,201.00	\$1,608,180.00
Passenger	513,334.00	541,430.00
Mail	65,685.00	64,192.75
Express	137,770.79	156,603.12
Other Freight Train	--	--
Other Passenger Train	38,860.94	36,793.67
Water Line	--	--
All other	73,091.27	74,978.34
Total Railway Operating Revenues	2,270,943.00	2,482,177.88
<u>OPERATING EXPENSES</u>		
Maintenance of way and structures	\$498,742.40	\$404,129.96
Maintenance of equipment	579,868.05	611,690.39
Traffic	80,075.55	66,865.95
Transportation	1,272,814.20	1,265,413.66
Miscellaneous operations	30,827.74	29,296.40
General	107,747.74	98,617.50
Trans. for investment	Cr. 65.13	Cr. 3,104.73
Total railway operating expenses	2,570,010.55	2,472,909.13
<u>OPERATING INCOME</u>		
Net operating revenue	Dr. \$299,067.55	\$9,268.75
Railway tax accruals	21,623.52	21,968.16
Uncollectable revenues	1,747.87	1,334.17
Hire of equipment	Dr. 38,525.57	Dr. 4,792.45
Joint facilities rents	Dr. 2,815.32	Dr. 2,305.53
Operating income	Dr. 363,779.83	Dr. 21,131.56
<u>OPERATING STATISTICS</u>		
Average miles of road operated	3,108.04	3,107.99
No. of tons carried (Rev.Fr.)	477,962	551,551
No. of tons carried one mile " "	148,550.707	145,796.881
No. of tons carried one mile (All Fr.)	165,056.165	169,613.158
Gross ton miles, excl. of locomotive & tender	368,135.003	373,891.352
No. of revenue passengers carried	381,880	419,673
No. of revenue pass. carried one mile	25,277.143	23,372.936
# Freight train miles	352,704	362,310
# Passenger train miles	317,411	329,376
Total Train miles (Rev. & Non Rev.)	685,536	705,223
Freight car miles-loaded	7,536,065	7,447,380
Freight car miles-empty	1,962,839	2,281,079
Passenger train car miles	2,256,618	2,321,818
Total amount of pay roll (Included in Canadian Lines)		
Number of employees " " " " )		
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>		
Operating revenue	\$24.36	\$26.62
Operating expenses	\$27.56	\$26.52
No. of tons moved one mile (Rev.Fr.)	1,593	1,564
No. of tons moved one mile (All Fr.)	1,770	1,819
No. of rev. Pass. carried one mile	271	251
<u>#AVERAGES PER FREIGHT TRAIN MILE</u>		
Freight revenue	\$4.09	\$4.44
No. of tons of freight (Rev.Fr.)	421.2	402.4
No. of tons of freight (All Fr.)	468.0	468.1
Gross ton miles	1043.8	1032.0
Loaded freight cars	21.4	20.6
Empty freight cars	5.6	6.3
<u>#AVERAGES PER PASSENGER TRAIN MILE</u>		
Passenger train revenues	\$2.38	\$2.43
Passengers carried	79.6	71.0
Passenger cars	7.1	7.0
Average operating expenses per train mile	\$3.75	\$3.51
Average length of haul (Rev.Fr.) Miles	310.8	264.3
Average passenger journey Miles	66.2	55.7
Average tons per loaded freight car mile	21.9	22.8
Av. freight receipt per rev. ton mile	.971¢	1.103¢
Av. passenger receipt per pass. per mile	2.031¢	2.316¢
Ratio of pay roll to operating revenues (Included in Canadian Lines)		
Ratio of operating expenses to revenues	113.17%	99.63%
# Contains a proportion of mixed train miles.		





## OPERATING REVENUES, EXPENSES &amp; STATISTICS

## CANADIAN NATIONAL RAILWAYS

For the Month of April, 1928

	1928	1927
<b>OPERATING REVENUES</b>		
Freight	\$11,542,864.56	\$10,934,065.74
Passenger	2,423,075.91	2,440,639.19
Mail	197,786.13	192,309.62
Express	972,483.64	949,072.03
Other freight train	--	--
Other passenger train	194,420.30	196,286.71
Water line	--	--
All other	809,388.58	736,123.49
Total railway operating revenues	16,140,019.12	15,448,496.78
<b>OPERATING EXPENSES</b>		
Maintenance of way and structures	\$3,035,949.28	\$2,750,323.42
Maintenance of equipment	3,327,236.78	3,360,348.87
Traffic	551,938.89	483,775.79
Transportation	6,854,076.76	6,531,730.19
Miscellaneous operations	138,392.08	131,024.22
General	443,237.16	416,443.94
Trans. for investment	Cr. 61,390.77	Cr. 18,862.97
Total railway operating expenses	14,289,440.18	13,654,783.46
<b>OPERATING INCOME</b>		
Net operating revenue	\$1,850,578.94	\$1,793,713.32
Railway tax accruals	254,150.12	272,210.03
Uncollectable revenues	2,585.82	5,589.11
Hire of equipment	Cr. 55,288.46	Cr. 149,925.66
Joint facilities rents	Cr. 77,901.72	Cr. 38,735.47
Operating income	1,727,033.18	1,704,575.31
<b>OPERATING STATISTICS</b>		
Average miles of road operated	17,801.74	17,746.60
No. of tons carried (Rev.Fr.)	3,328,740	3,315,978
No. of tons carried one mile " "	955,570.107	1,052,075.492
No. of tons carried one mile (All Fr.)	1,161,412.949	1,247,084.039
Gross ton miles, excl. of locomotive & tender	2,737,542.711	2,854,254.226
No. of revenue passengers carried	1,173,861	1,414,371
No. of revenue pass. carried one mile	93,908.317	102,395.198
# Freight train miles	1,990,176	2,060,265
# Passenger train miles	1,589,222	1,551,672
Total train miles (Rev. & Non Rev.)	3,719,742	3,723,709
Freight car miles-loaded	50,506.347	51,941.148
Freight car miles-empty	24,103.903	25,318.511
Passenger train car miles	11,370.249	11,229.053
Total amount of pay roll (Including Eastern Lines)	\$11,028,066	\$10,634,737
Number of employees " " "	85,784	84,536
<b>DAILY AVERAGES PER MILE OF ROAD OPERATED</b>		
Operating Revenue	\$30.22	\$29.02
Operating Expenses	\$26.76	\$25.65
No. of tons moved one mile (Rev.Fr.)	1,789	1,976
No. of tons moved one mile (All Fr.)	2,175	2,342
No. of rev. passengers carried one mile	176	192
<b>#AVERAGES PER FREIGHT TRAIN MILE</b>		
Freight revenue	\$5.80	\$5.31
No. of tons of freight (Rev.Fr.)	480.1	510.7
No. of tons of freight (All Fr.)	583.6	605.3
Gross ton miles	1375.5	1385.4
Loaded freight cars	25.4	25.2
Empty freight cars	12.1	12.3
<b>#AVERAGES PER PASSENGER TRAIN MILE</b>		
Passenger train revenues	\$2.38	\$2.43
Passengers carried	59.1	66.0
Passenger cars	7.2	7.2
Average operating expenses per train mile	\$3.84	\$3.67
Average length of haul (Rev.Fr.) Miles	287.1	317.3
Average passenger journey Miles	80.0	72.4
Average tons per loaded freight car mile	23.0	24.0
Av. freight receipt per rev. ton mile	1.208¢	1.039¢
Av. passenger receipt per pass. per mile	2.580¢	2.384¢
xRatio of pay roll to operating revenues	59.9%	59.7%
Ratio of operating expenses to revenues	88.53%	88.39%

x Revenue of Eastern Lines included to determine ratio.

# Contains a proportion of mixed train miles.





Subject to Revision

## OPERATING REVENUES, EXPENSES &amp; STATISTICS

## CANADIAN PACIFIC RAILWAY

For the Month of April, 1928

	1928	1927
<u>OPERATING REVENUES</u>		
Freight	\$10,892,027.20	\$10,609,437.36
Passenger	2,705,015.34	2,679,047.78
Mail	295,294.67	304,499.22
Express	443,483.81	445,102.90
Other freight train	3,708.70	319.92
Other passenger train	311,887.64	301,129.54
Water Line	50,186.19	44,550.62
All other	687,233.68	712,556.39
Total railway operating revenues	15,388,837.23	15,096,643.73
<u>OPERATING EXPENSES</u>		
Maintenance of way and structures	\$2,495,224.99	\$2,698,059.75
Maintenance of equipment	3,427,789.95	3,335,294.14
Traffic	808,172.43	789,152.19
Transportation	5,560,372.87	5,446,075.20
Miscellaneous operations	200,507.85	186,801.07
General	284,323.92	288,957.45
Trans. for investment	Cr. --	--
Total railway operating expenses	12,776,392.01	12,744,339.80
<u>OPERATING INCOME</u>		
Net operating revenue	\$2,612,445.22	\$2,352,303.93
Railway tax accruals	293,678.16	290,970.04
Uncollectable revenues	--	--
Hire of equipment	Cr. 118,724.70	Cr. 161,179.96
Joint facilities rents	Dr. 32,958.60	Cr. 31,074.46
Operating income	2,404,533.16	2,253,588.31
<u>OPERATING STATISTICS</u>		
Average miles of road operated	14,241.8	14,004.0
No. of tons carried (Rev.Fr.)	2,348,080	2,301,652
No. of tons carried one mile " "	961,372.712	1,019,506.750
No. of tons carried one mile (All Fr.)	1,179,085.607	1,192,231.523
Gross ton miles, excl. of locomotive & tender	2,594,476.302	2,523,930.416
No. of revenue passengers carried	1,136,169	1,105,788
No. of revenue pass. carried one mile	97,872.156	95,272.496
# Freight train miles	2,039,996	1,971,792
# Passenger train miles	1,517,921	1,540,395
Total train miles (Rev. & Non Rev.)	3,680,538	3,626,346
Freight car miles-loaded	48,299,382	45,679,234
Freight car miles-empty	18,132,162	20,982,095
Passenger train car miles	11,587,381	11,761,308
Total amount of pay roll	8,213,735.74	8,175,817.09
Number of employees	68,121	67,757
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>		
Operating revenue	\$36.02	\$35.93
Operating expenses	\$29.90	\$30.33
No. of tons moved one mile (Rev.Fr.)	2,250	2,427
No. of tons moved one mile (All Fr.)	2,760	2,838
No. of rev. passengers carried one mile	229	227
<u>#AVERAGES PER FREIGHT TRAIN MILE</u>		
Freight revenue	\$5.34	\$5.38
No. of tons of freight (Rev.Fr.)	471.3	517.0
No. of tons of freight (All Fr.)	578.0	604.6
Gross ton miles	1271.8	1280.0
Loaded freight cars	23.7	23.2
Empty freight cars	8.9	10.6
<u>#AVERAGES PER PASSENGER TRAIN MILE</u>		
Passenger train revenues	\$2.47	\$2.42
Passengers carried	64.5	61.8
Passenger cars	7.6	7.6
Average operating expenses per train mile	\$3.47	\$3.51
Average length of haul (Rev.Fr.) Miles	409.4	442.9
Average passenger journey Miles	86.1	86.2
Average tons per loaded freight car mile	24.4	26.1
Av. freight receipt per rev. ton mile	1.133¢	1.041¢
Av. passenger receipt per pass. per mile	2.764¢	2.812¢
Ratio of pay roll to operating revenues	53.4%	54.2%
Ratio of operating expenses to revenues	83.02%	84.42%

# Contains a proportion of mixed train miles.





7  
CANADIAN NATIONAL SYSTEM  
 (Steam Lines in Canada and United States)  
 For the Month of April, 1928

OPERATING REVENUES

	1928	1927
Canadian Lines	\$16,140,019.12	\$15,448,496.78
Duluth, Winnipeg & Pacific	181,034.00	179,375.00
Grand Trunk Western Lines	3,309,268.00	3,072,721.00
New England Lines	181,077.88	212,502.42
Total	<u>19,811,399.00</u>	<u>18,913,095.20</u>

OPERATING EXPENSES

Canadian Lines	\$14,289,440.18	\$13,654,783.46
Duluth, Winnipeg & Pacific	156,797.92	165,209.65
Grand Trunk Western Lines	2,229,591.77	2,164,681.44
New England Lines	251,283.05	191,157.87
Total	<u>16,927,112.92</u>	<u>16,175,832.42</u>

NET OPERATING REVENUE

Canadian Lines	\$1,850,578.94	\$1,793,713.32
Duluth, Winnipeg & Pacific	24,236.08	14,165.35
Grand Trunk Western Lines	1,079,676.23	908,039.56
New England Lines	Dr. 70,205.17	21,344.55
Total	<u>2,884,286.08</u>	<u>2,737,262.78</u>

OPERATING INCOME

Canadian Lines	\$1,727,033.18	\$1,704,575.31
Duluth, Winnipeg & Pacific	7,687.20	2,906.94
Grand Trunk Western Lines	647,330.65	506,289.70
New England Lines	Dr. 151,805.53	Dr. 67,821.68
Total	<u>2,230,245.50</u>	<u>2,145,950.27</u>

S U M M A R Y

For Four Months Ended April 30th.

	1928	1927
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<u>ALL RAILWAYS</u>		
Operating Revenues	\$157,952,132.75	\$148,779,945.15
Operating Expenses	132,057,341.37	126,370,227.08
Net Operating Revenues	25,894,791.38	22,409,718.07
Operating Income	22,488,794.36	19,559,027.61

CANADIAN NATIONAL RAILWAYS

Operating Revenues - Canadian Lines	\$65,575,869.38	\$60,549,647.06
United States Lines	13,853,552.62	13,358,078.03
Total	<u>79,429,422.00</u>	<u>73,907,725.09</u>
Operating Expenses - Canadian Lines	55,897,122.76	53,274,938.76
United States Lines	10,124,019.03	9,619,804.71
Total	<u>66,021,141.79</u>	<u>62,894,743.47</u>
Net Operating Revenues- Canadian Lines	9,678,746.62	7,274,708.30
United States Lines	3,729,533.59	3,738,273.32
Total	<u>13,408,280.21</u>	<u>11,012,981.62</u>
Operating Income - Canadian Lines	9,044,702.25	6,701,752.05
United States Lines	1,775,907.93	1,800,325.75
Total	<u>10,820,610.18</u>	<u>8,502,077.80</u>

EASTERN LINES

CANADIAN NATIONAL RAILWAYS

Operating Revenues	\$8,513,769.00	\$8,954,928.19
Operating Expenses	9,992,852.81	9,596,196.39
Net Operating Revenues	Dr. 1,479,083.81	Dr. 641,268.20
Operating Income	Dr. 1,664,650.82	Dr. 761,990.94

CANADIAN PACIFIC RAILWAY

Operating Revenues	\$62,613,811.78	\$58,299,753.12
Operating Expenses	51,364,523.30	49,079,042.00
Net Operating Revenue	11,249,288.48	9,200,710.43
Operating Income	10,518,834.26	8,716,216.55

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