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TRANSPORTATION BRANCH

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OPERATING REVENUES EXPENSES & STATISTICS  
of  
RAILWAYS

With Annual Operating Revenues of \$500,000

For

MAY

1927

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

+ + +

OTTAWA

1927

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

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OPERATING REVENUES, EXPENSES & STATISTICS

STEAM RAILWAYS OF CANADA

WITH ANNUAL OPERATING REVENUES OF \$500,000

FOR THE MONTH OF MAY, 1927

The operating reports for May showed a decline in gross revenues from last years of \$241,175 or .6 per cent. The earlier opening of navigation and consequently the earlier movement of grain to the head of the lakes and from Georgian Bay ports was a factor in this decrease. Operating expenses showed an increase of \$545,786 or 1.6 per cent, and the net operating revenue decreased by \$786,881. The gains made in the earlier months were wiped out and for the five months January - May net revenues were slightly less than in 1926 viz, by \$589.

Freight traffic fell off by 6.6 per cent but passenger traffic was heavier by 6.4 per cent although passenger revenues were lighter by \$143,230 or 2.3 per cent. The pay roll was increased by \$1,096,281 or 5.3 per cent for an increase in the number of employees of 4,058, or 2.4 per cent.

CANADIAN NATIONAL RAILWAYS gross revenues were less than in 1926 by \$235,852, or 5.6 per cent, passenger revenues declining by \$206,785 and freight revenues by \$107,186. The number of passengers decreased by 14.1 per cent but the passenger miles increased by 7.9 per cent, the average journey increasing from 60.9 to 76.6 miles. The receipts per passenger mile however, were smaller, dropping from 2.807 cents in 1926 to 2.418 cents.

Freight train loading showed a slight increase from a heavier empty movement, revenue freight being lighter by 13.5 tons per train. Passenger trains increased in mileage by 7.7 per cent but the number of passengers increased only .1 per train mile.

The Duluth, Winnipeg and Pacific showed a gain in net operating revenues of \$7,293 but the other lines in the United States all showed decreases and net revenues for the system were less by \$559,472.

For the period January - May, gross revenues for both the Canadian lines and United States lines were heavier but net revenues for the Canadian lines were lighter; the gains on the United States lines were not sufficient to offset the decreases and the system showed a decrease of \$105,932.

CANADIAN PACIFIC RAILWAY.— Gross revenues were lighter by \$152,261 or 1.0 per cent, operating expenses increased by \$102,482, or .8 per cent, net operating revenues decreased by \$254,743 and operating income by \$417,245. Freight traffic was lighter by 8.4 per cent but passenger traffic increased by 8.5 per cent and passenger revenues were greater by \$114,707 or 4.6 per cent, the average passenger journey increasing by 11.5 miles. The pay roll was heavier by \$370,300, or 4.5 per cent with an increase of only 1.0 per cent in the number of employees.

For the first five months gross revenues in 1927 were heavier than in 1926 by \$4,416,791 but operating expenses increased by \$4,128,574 bringing the increase in net operating revenues to \$288,217 and producing a decrease in operating income of \$381,736.





OPERATING REVENUES, EXPENSES & STATISTICS  
STEAM RAILWAYS OF CANADA  
WITH ANNUAL OPERATING REVENUES OF \$500,000  
For the month of May, 1927

	1927	1926
<u>OPERATING REVENUES</u>		
Freight	\$28,296,128.55	\$28,663,455.96
Passenger	6,195,117.91	6,338,348.40
Mail	598,168.10	593,303.24
Express	1,868,279.96	1,721,023.28
Other freight train	3,837.76	1,059.71
Other passenger train	646,083.33	578,164.72
Water line	282,278.01	246,466.41
All other	1,356,349.76	1,345,596.91
Total Railway Operating Revenues	39,246,243.38	39,487,418.63
<u>OPERATING EXPENSES</u>		
Maintenance of way and structures	\$8,541,603.08	\$8,785,938.70
Maintenance of equipment	7,627,185.46	7,360,969.48
Traffic	1,459,684.43	1,320,938.36
Transportation	14,740,732.02	14,443,653.96
Miscellaneous operations	416,714.92	413,855.60
General	1,068,128.89	990,463.60
Trans. for investment	Cr. 49,842.52	Cr. 57,319.92
Total Railway Operating Expenses	33,804,206.28	33,258,499.78
<u>OPERATING INCOME</u>		
Net operating revenue	\$5,442,037.10	\$6,228,918.85
Railway tax accruals	749,860.18	672,913.54
Uncollectable revenues	3,273.03	575.92
Hire of equipment	Dr. 40,428.82	Cr. 82,056.15
Joint facilities rents	Dr. 17,912.68	Cr. 3,799.61
Operating income	4,630,562.39	5,641,285.15
<u>OPERATING STATISTICS</u>		
Average miles of road operated	39,368.90	38,946.59
No. of tons carried (Rev.Fr.)	9,491,296	9,179,961
No. of tons carried one mile " "	2,456,200.380	2,630,256.804
No. of tons carried one mile (All Fr.)	2,930,782.774	3,073,556.757
Gross ton miles, excl. of loco. & tender	6,740,832.199	7,050,413.839
No. of revenue pass.carried	2,876,401	3,181,214
No. of revenue pass. carried one mile	238,850.960	224,449.523
Freight train miles	5,059,084	5,223,920
Passenger train miles	4,079,197	3,911,194
Total Train miles (Rev. and Non Rev.)	9,647,311	9,570,363
Freight car miles-loaded	122,108,050	125,817,733
Freight car miles-empty	63,346,248	66,804,924
Passenger train car miles	29,625,327	28,526,029
Total amount of pay-roll	21,777,408.70	20,681,126.80
Number of employees	175,668	171,610
<u>DAILY AVERAGE PER MILE OF ROAD OPERATED</u>		
Operating revenue	\$ 32.16	\$ 32.71
Operating expense	27.70	27.55
No. of tons moved one mile (Rev.Fr.)	2,013	2,179
No. of tons moved one mile (All Fr.)	2,401	2,546
No. of Rev. Pass. Carried one Mile	196	186
<u>#AVERAGES PER FREIGHT TRAIN MILE</u>		
Freight revenue	\$ 5.59	\$ 5.49
No. of tons of freight (Rev.Fr.)	485.5	503.5
No. of tons of freight (All Fr.)	579.3	588.4
Gross Ton miles	1332.4	1349.6
Loaded freight cars	24.1	24.1
Empty freight cars	12.5	12.8
<u>#AVERAGES PER PASSENGER TRAIN MILE</u>		
Passenger train revenues	\$2.28	\$2.36
Passengers carried	58.6	57.4
Passenger cars	7.3	7.3
Average Operating expenses per train mile	\$3.50	\$3.48
Average length of haul (Rev.Fr.) miles	258.8	286.5
Average Passenger journey Miles	83.0	70.6
Average tons per loaded Fr. Car	24.0	24.4
Av. Fr. receipt per rev. ton mile	1.152¢	1.090¢
Av. passenger receipt per pass. per mile	2.594¢	2.824¢
Ratio of pay-roll to operating revenues	55.5%	52.4%
Ratio of operating expenses to revenues	86.13%	84.23%

# Contains a proportion of mixed train miles.



## OPERATING REVENUES, EXPENSES &amp; STATISTICS

## CANADIAN NATIONAL RAILWAYS

For the Month of May, 1927

	1927	1926
<u>OPERATING REVENUES</u>		
Freight	\$13,625,295.41	\$13,732,482.16
Passenger	2,722,524.59	2,929,309.76
Mail	257,314.56	261,541.07
Express	1,218,671.07	1,135,273.14
Other freight train	-	-
Other passenger train	246,681.37	224,607.56
Water line	-	-
All other	392,941.43	416,067.35
Total railway operating revenues	18,463,428.43	18,699,281.04
<u>OPERATING EXPENSES</u>		
Maintenance of way and structures	\$4,418,153.04	\$4,539,648.12
Maintenance of equipment	3,659,005.36	3,474,813.22
Traffic	539,998.46	505,266.59
Transportation	7,461,741.33	7,329,222.46
Miscellaneous operations	162,170.64	150,209.99
General	540,948.37	512,851.01
Trans. for investment	Cr. 47,899.75	Cr. 54,712.06
Total Railway operating expenses	16,734,117.45	16,457,299.33
<u>OPERATING INCOME</u>		
Net operating revenue	\$1,729,310.98	\$2,241,981.71
Railway tax accruals	300,759.16	249,993.26
Uncollectable revenues	3,270.19	466.06
Hire of equipment	Cr. 87,654.90	Cr. 99,079.41
Joint facilities rents	Cr. 18,249.22	Cr. 26,151.88
Operating income	1,531,185.75	2,116,753.68
<u>OPERATING STATISTICS</u>		
Average miles of road operated	20,859.64	20,713.46
No. of tons carried (Rev.Fr.)	4,078,785	3,881,353
No. of tons carried one mile " "	1,237,949,371	1,317,561,738
No. of tons carried one mile (All Fr.)	1,469,461,979	1,532,942,902
Gross ton miles, exclusive of loco. and tender	3,417,824,921	3,487,510,380
No. of revenue pass. carried	1,470,030	1,712,293
No. of revenue pass. carried one mile	112,615,315	104,353,794
Freight train miles	2,461,197	2,551,106
Passenger train miles	1,903,715	1,767,060
Total train miles (Rev. and Non Rev.)	4,654,830	4,556,494
Freight car miles-loaded	61,001,422	62,061,464
Freight car miles-empty	32,635,064	32,582,109
Passenger train car miles	13,322,200	12,761,837
Total amount of pay-roll	\$11,214,755	\$10,664,479
Number of employees	90,128	87,947
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>		
Operating revenue	\$28.55	\$29.12
Operating expenses	\$25.88	\$25.63
No. of tons moved one mile (Rev.Fr.)	1,914	2,052
No. of tons moved one mile (All Fr.)	2,272	2,387
No. of Rev. pass. carried one mile	174	163
<u>#AVERAGES PER FREIGHT TRAIN MILE</u>		
Freight revenue	\$5.54	\$5.38
No. of tons of freight (Rev.Fr.)	503.0	516.5
No. of tons of freight (All Fr.)	597.1	600.9
Gross ton miles	1388.7	1367.1
Loaded freight cars	24.8	24.3
Empty freight cars	13.3	12.8
<u>#AVERAGES PER PASSENGER TRAIN MILE</u>		
Passenger train revenues	\$2.34	\$2.58
Passengers carried	59.2	59.1
Passenger cars	7.0	7.2
Average operating expenses per train mile	\$3.60	\$3.61
Average length of haul (Rev.Fr.) miles	303.5	339.5
Average passenger journey miles	76.6	60.9
Average tons per loaded Fr. car mile	24.1	24.7
Av. fr. receipt per rev. ton mile	1.101¢	1.042¢
Av. passenger receipt per pass. per mile	2.418¢	2.807¢
Ratio of pay roll to operating revenues	60.7%	57.0%
Ratio of operating expenses to revenues	90.63%	88.01%

# Contains a proportion of mixed train miles.







## OPERATING REVENUES, EXPENSES &amp; STATISTICS

## CANADIAN PACIFIC RAILWAY

For the month of May, 1927.

	1927	1926
<u>OPERATING REVENUES</u>		
Freight	\$10,522,752.56	\$10,923,035.58
Passenger	2,630,345.51	2,515,637.58
Mail	291,105.31	284,236.86
Express	444,789.33	439,473.56
Other freight train	Dr. 862.00	157.10
Other passenger train	362,773.02	320,016.13
Water line	234,427.37	175,079.36
All other	782,794.26	762,750.79
Total railway operating revenues	15,268,125.36	15,420,386.96
<u>OPERATING EXPENSES</u>		
Maintenance of way and structures	3,069,925.26	3,227,527.11
Maintenance of equipment	3,039,530.25	3,025,685.43
Traffic	828,234.82	735,606.17
Transportation	5,575,203.20	5,461,094.75
Miscellaneous operations	204,519.60	214,321.38
General	340,241.31	290,937.28
Trans. for investment	-	-
Total railway operating expenses	13,057,654.44	12,955,172.12
<u>OPERATING INCOME</u>		
Net operating revenue	2,210,470.92	2,465,214.84
Railway tax accruals	321,895.95	290,729.72
Uncollectable revenues	-	-
Hire of equipment	Cr. 116,260.13	Cr. 230,224.37
Joint facilities rents	Cr. 26,795.46	Cr. 44,166.88
Operating income	2,031,630.56	2,448,876.37
<u>OPERATING STATISTICS</u>		
Average miles of road operated	14,004.0	13,760.8
No. of tons carried (Rev.Fr.)	2,370,469	2,317,151
No. of tons carried one mile " "	928,763.381	1,014,312.051
No. of tons carried one mile (All Fr.)	1,164,037.269	1,233,266.238
Gross ton miles, exclusive of loco. & tender	2,459,837.297	2,681,483.515
No. of revenue pass. carried	964,624	1,000,805
No. of revenue pass. carried one mile	98,732.054	90,996.177
#Freight train miles	1,932,767	2,029,440
#Passenger train miles	1,686,232	1,635,162
Total Train Miles (Rev. & Non Rev.)	3,794,553	3,820,621
Freight car miles-loaded	44,779,530	46,943,133
Freight car miles-empty	20,568,740	24,537,784
Passenger train car miles	12,718,864	12,067,138
Total amount of pay-roll	\$8,607,335.48	\$8,237,035.42
Number of employees	70,550	69,827
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>		
Operating revenue	\$35.17	\$36.15
Operating expenses	\$30.08	\$30.37
No. of tons moved one mile (Rev.Fr.)	2,139	2,378
No. of tons moved one mile (All Fr.)	2,681	2,891
No. of Rev. Pass. carried one mile	227	213
<u>#AVERAGES PER FREIGHT TRAIN MILE</u>		
Freight revenue	\$5.44	\$5.38
No of tons of freight (Rev.Fr.)	480.5	499.8
No. of tons of freight (All Fr.)	602.3	607.7
Gross ton miles	1272.7	1321.3
Loaded freight cars	23.2	23.1
Empty freight cars	10.6	12.1
<u>#AVERAGES PER PASSENGER TRAIN MILE</u>		
Passenger Train Revenues	\$2.21	\$2.18
Passengers carried	58.6	55.6
Passenger cars	7.5	7.4
Average operating expenses per train mile	\$3.44	\$3.39
Average length of haul (Rev.Fr.) miles	391.8	437.7
Average passenger journey miles	102.4	90.9
Average tons per loaded Fr. car mile	26.0	26.3
Av. freight receipt per Rev. ton mile	1.133¢	1.077¢
Av. passenger receipt per pass. per mile	2.664¢	2.765¢
Ratio of pay roll to operating revenues	56.4%	53.4%
Ratio of operating expenses to revenues	85.52%	84.01%

# Contains a proportion of mixed train miles.



CANADIAN NATIONAL SYSTEM  
(Steam Lines in Canada and United States)  
For the month of May, 1927 and  
1926

OPERATING REVENUES

	<u>1927</u>	<u>1926</u>
Canadian Lines	\$18,463,428.43	\$18,699,281.04
Duluth, Winnipeg & Pacific	186,209.00	184,633.00
Grand Trunk Western Lines	3,188,546.00	3,108,047.00
Central Vermont Railway	801,147.00	837,813.86
New England Lines	225,067.57	191,342.96
Total	<u>22,864,398.00</u>	<u>23,021,017.86</u>

OPERATING EXPENSES

Canadian Lines	\$16,734,117.45	\$16,457,299.33
Duluth, Winnipeg and Pacific	170,326.30	176,043.91
Grand Trunk Western Lines	2,215,607.32	2,131,266.89
Central Vermont Railway	741,984.04	734,848.74
New England Lines	232,605.20	192,328.54
Total	<u>\$20,094,640.31</u>	<u>\$19,691,787.41</u>

NET OPERATING REVENUE

Canadian Lines	\$1,729,310.98	\$2,241,981.71
Duluth, Winnipeg and Pacific	15,882.70	8,589.09
Grand Trunk Western Lines	972,938.68	976,780.11
Central Vermont Railway	59,162.96	102,865.12
New England Lines	Dr. 7,537.63	Dr. 985.58
Total	<u>\$2,769,757.69</u>	<u>\$3,329,230.45</u>

OPERATING INCOME

Canadian Lines	\$1,531,185.75	\$2,116,753.68
Duluth, Winnipeg and Pacific	14,708.58	352.41
Grand Trunk Western Lines	582,192.00	639,467.74
Central Vermont Railway	27,640.69	63,250.13
New England Lines	Dr. 78,324.26	Dr. 76,482.41
Total	<u>\$2,077,402.76</u>	<u>\$2,743,341.55</u>

S U M M A R Y

For Five Months ended May 31st.

ALL RAILWAYS

	<u>1927</u>	<u>1926</u>
Operating Revenues	\$186,622,381.25	\$177,588,858.16
Operating Expenses	158,905,762.16	149,871,649.66
Net Operating Revenues	27,716,619.09	27,717,208.50
Operating Income	24,054,453.92	25,287,660.77

CANADIAN NATIONAL RAILWAY

Operating Revenues - Canadian Lines	\$86,564,196.40	\$82,886,285.71
Central Vermont & U. S. Lines	20,589,367.60	19,460,708.78
Total	<u>107,153,564.00</u>	<u>102,346,994.49</u>
Operating Expenses - Canadian Lines	78,336,581.40	74,127,877.54
Central Vermont & U. S. Lines	15,392,760.33	14,688,962.62
Total	<u>93,729,341.73</u>	<u>88,816,840.16</u>
Net Operating Revenues - Canadian Lines	8,227,615.00	8,758,408.17
Central Vermont & U. S. Lines	5,196,607.27	4,771,746.16
Total	<u>13,424,222.27</u>	<u>13,530,154.33</u>
Operating Income - Canadian Lines	7,335,810.78	8,435,527.22
Central Vermont & U. S. Lines	2,604,206.37	2,451,286.68
Total	<u>9,940,017.15</u>	<u>10,886,813.90</u>

CANADIAN PACIFIC RAILWAY

Operating Revenues	\$73,567,878.48	\$69,151,087.60
Operating Expenses	62,156,697.13	58,028,123.18
Net Operating Revenues	11,411,181.35	11,122,964.42
Operating Income	10,747,847.11	11,129,583.36

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