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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  
APRIL  
1930



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

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DEPARTMENT OF TRADE AND COMMERCE  
DOMINION BUREAU OF STATISTICS  
TRANSPORTATION AND PUBLIC UTILITIES 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 APRIL, 1930

Canadian railways in April earned \$36,805,086 as against \$45,068,764 in April, 1929, and \$39,242,955 in April, 1928. Freight traffic was lighter than in 1929 by 24.6 per cent and passenger traffic declined by 11.5 per cent. Operating expenses amounted to \$31,751,146, or \$4,430,334 less than in 1929, and the net operating revenue, amounting to \$5,053,940, was reduced by \$3,833,343. The number of employees was 163,984, which was less than in 1929 by 15,836, or 3.3 per cent, and the pay roll was reduced by \$1,971,754, or 8.5 per cent.

For January - April, gross revenues were \$141,327,533 as against \$166,725,428 in 1929 and net operating revenues were \$15,623,117 as against \$29,785,942 in 1929.

EASTERN LINES - CANADIAN NATIONAL RAILWAYS: The Eastern Lines showed an increase in gross revenues of \$148,953, or 5.6 per cent, for an increase in revenue ton miles of 6.0 per cent and an increase in passenger miles of 9.5 per cent. Operating expenses, amounting to \$2,693,333, were heavier than in 1929 by \$56,530, or 2.1 per cent, and the net operating revenue amounted to \$116,261, as against \$23,839 for April, 1929.

For January - April, gross revenues were \$10,240,308 as against \$9,745,928 in 1929, but net operating revenues showed a deficit of \$711,255 as against a deficit of \$665,386 in 1929. These include credits for the loss in revenues from the Maritime Freight Rates Act of \$798,162 in 1930 and \$705,871 in 1929.

CANADIAN NATIONAL RAILWAYS: Gross earnings for April amounted to \$14,700,611 which was a decrease from earnings for April, 1929, of \$3,908,947, or 21.0 per cent. Freight traffic showed a decrease of 23.8 per cent and passenger traffic was also lighter than in 1929 by 19.5 per cent.

Operating expenses were lighter by \$1,960,450, maintenance of way and structures being decreased by \$1,187,653, or 32.9 per cent, and transportation expenses by \$716,499, or 10 per cent. The total pay roll, which includes the pay of the Eastern Lines, was less than in 1929 by \$829,084, or 6.9 per cent, for a reduction in the number of employees of 7,604, or 8.4 per cent.

Net operating revenue amounted to \$1,445,607, which was less than the April, 1929, net revenue by \$1,948,497. The net revenue for April, 1929, however, was by far the largest earned in any April, exceeding the net revenue of April, 1928, by \$1,543,526.

The lines in the United States all showed reduced gross earnings and also reduced expenses. The Duluth Winnipeg and Pacific and the Grand Trunk Western showed reduced net revenues, but the New England Lines reduced their operating deficit from \$74,878 in April, 1929, to \$49,576 in April, 1930. The net revenue for the system (exclusive of Eastern Lines) amounted to \$2,190,693 as against \$4,650,944 in 1929.





For January - April, net operating revenue for Canadian lines was \$4,160,098, for United States lines \$2,595,115, and for the system \$6,755,214, as against \$10,816,215, \$5,016,989 and \$15,833,205, respectively, for April, 1929.

CANADIAN PACIFIC RAILWAY: Gross revenues amounted to \$14,096,604 as against \$17,690,832 for April, 1929, and \$15,388,837 for April, 1928. The decrease from 1929 revenues was \$3,594,228, or 20.3 per cent, for a reduction in revenue ton miles of 32.8 per cent and in passenger miles of 9.8 per cent.

Operating expenses were reduced by \$2,081,879, or 14.6 per cent, and the net operating revenue, amounting to \$1,932,561, was less than in 1929 by \$1,512,348. The total pay roll amounted to \$8,297,178 as against \$9,290,651 in 1929 and the number of employees was smaller by 6,876, or 9.2 per cent.

For January - April, gross revenues were \$53,297,944 in 1930 and \$65,952,346 in 1929, and the operating income was \$5,359,704 in 1930 and \$10,834,146 in 1929.

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OPERATING REVENUES, EXPENSES & STATISTICS  
STEAM RAILWAYS OF CANADA  
WITH ANNUAL OPERATING REVENUES OF \$500,000  
For the Month of April, 1930

	1930	1929
<u>OPERATING REVENUES</u>		
Freight	\$26,230,235.08	\$33,681,384.76
Passenger	5,688,168.11	6,221,644.36
Mail	633,306.92	629,889.88
Express	1,720,562.75	1,833,072.37
Other freight train	6,422.16	3,578.71
Other passenger train	580,742.06	624,144.05
Water line	54,805.48	76,944.55
All other	1,890,844.15	1,998,105.43
Total railway operating revenues	36,805,086.71	45,068,764.11
<u>OPERATING EXPENSES</u>		
Maintenance of way and structures	\$6,432,723.96	\$8,205,443.51
Maintenance of equipment	7,406,152.71	8,606,398.38
Traffic	1,612,683.64	1,609,263.74
Transportation	14,879,334.42	16,384,148.25
Miscellaneous operations	425,139.41	468,614.94
General	1,066,489.10	1,024,265.51
Trans. for investment	Cr. 71,376.55	Cr. 116,653.29
Total railway operating expenses	31,751,146.69	36,181,481.04
<u>OPERATING INCOME</u>		
Net operating revenue	\$5,053,940.02	\$8,887,283.07
Railway tax accruals	759,554.27	721,618.74
Uncollectable revenues	2,516.82	1,245.49
Hire of equipment	Dr. 186,544.70	Dr. 345,674.31
Joint facilities rents	Dr. 91,254.09	Dr. 43,687.54
Operating income	4,014,070.14	7,775,056.99
<u>OPERATING STATISTICS</u>		
Average miles of road operated	41,250.86	40,473.18
No. of tons carried (Rev. Fr.)	8,570,271	10,511,088
No. of tons carried one mile " "	2,137,238,829	2,834,265,678
No. of tons carried one mile (All Fr.)	2,483,043,395	3,344,203,231
Gross ton miles, excl. of locomotive & tender	6,018,355,339	7,631,196,295
No. of revenue passengers carried	2,903,392	3,065,547
No. of revenue passengers carried one mile	207,061,346	233,927,508
# Freight train miles	4,629,745	5,591,386
# Passenger train miles	3,985,195	3,999,476
Total train miles, (Rev. & Non Rev.)	8,614,940	9,590,862
Freight car miles-loaded	113,085,946	143,330,877
Freight car miles-empty	46,641,456	61,565,091
Passenger train car miles	29,097,862	29,549,245
Total amount of pay roll	\$21,209,250.60	\$23,181,004.95
Number of employees	163,984	179,820
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>		
Operating revenue	\$29.74	\$37.12
Operating expenses	\$25.66	\$29.80
No. of tons moved one mile (Rev. Fr.)	1,727	2,334
No. of tons moved one mile (All Fr.)	2,006	2,754
No. of rev. passengers carried one mile	167	193
<u>#AVERAGES PER FREIGHT TRAIN MILE</u>		
Freight revenue	\$5.67	\$6.02
No. of tons of freight (Rev. Fr.)	461.6	506.9
No. of tons of freight (All Fr.)	536.3	598.1
Gross ton miles	1299.9	1364.8
Loaded freight cars	24.4	25.6
Empty freight cars	10.1	11.0
<u>#AVERAGES PER PASSENGER TRAIN MILE</u>		
Passenger train revenues	\$2.16	\$2.33
Passengers carried	52.0	58.5
Passenger cars	7.3	7.4
Average operating expenses per train mile	\$3.59	\$3.62
Average length of haul (Rev. Fr.) Miles	249.4	269.6
Average passenger journey Miles	71.3	76.3
Average tons per loaded freight car mile	22.0	23.3
Av. freight receipt per rev. ton mile	1.227¢	1.188¢
Av. passenger receipt per passenger per mile	2.747¢	2.660¢
Ratio of pay roll to operating revenues	57.6%	51.4%
Ratio of operating expenses to revenues	86.27%	80.23%
# Contains a proportion of mixed train miles.		





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OPERATING REVENUES, EXPENSES & STATISTICS

EASTERN LINES  
CANADIAN NATIONAL RAILWAYS

For the Month of April, 1930.

	1930	1929
<u>OPERATING REVENUES</u>		
Freight xx	\$1,930,351.00	\$1,907,285.00
Passenger	506,478.00	441,393.00
Mail	66,000.00	65,475.00
Express	151,000.00	150,640.91
Other freight train	-	-
Other passenger train	46,385.68	39,485.68
Water line	-	-
All other	109,380.32	56,362.41
Total railway operating revenues	2,809,595.00	2,660,642.00
<u>OPERATING EXPENSES</u>		
Maintenance of way and structures	\$399,783.08	\$462,098.93
Maintenance of equipment	664,462.71	576,390.32
Traffic	75,139.63	78,070.44
Transportation	1,401,807.76	1,376,286.33
Miscellaneous operations	33,226.57	34,623.77
General	120,203.62	110,119.70
Trans. for investment	Cr. 1,289.48	Cr. 786.49
Total railway operating expenses	2,693,333.89	2,636,803.00
<u>OPERATING INCOME</u>		
Net operating revenue	\$116,261.11	\$ 23,839.00
Railway tax accruals	24,975.98	21,527.09
Uncollectable revenues	70.40	422.38
Hire of equipment	Dr. 44,650.64	Dr. 36,425.42
Joint facilities rents	Dr. 464.40	Cr. 991.29
Operating income	46,099.69	Dr. 33,544.60
<u>OPERATING STATISTICS</u>		
Average miles of road operated	3,332.54	3,104.36
No. of tons carried (Rev.Fr.)	617,152	603,933
No. of tons carried one mile " "	171,591,571	161,831,089
No. of tons carried one mile (All Fr.)	198,371,011	192,219,152
Gross ton miles, excl. of locomotive & tender	453,462,664	438,434,535
No. of revenue passengers carried	412,499	380,274
No. of revenue passengers carried one mile	23,593,216	21,550,686
# Freight train miles	416,973	409,843
# Passenger train miles	333,437	342,353
Total Train Miles (Rev. & Non Rev.)	756,978	760,905
Freight car miles-loaded	9,059,141	8,783,620
Freight car miles-empty	2,446,343	2,574,265
Passenger train car miles	2,271,052	2,400,134
Total amount of pay roll	(Included in Canadian Lines)	
Number of employees	" " " "	
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>		
Operating revenue	\$28.10	\$28.57
Operating expenses	\$26.94	\$28.31
No. of tons moved one mile (Rev.Fr.)	1,716	1,738
No. of tons moved one mile (All Fr.)	1,984	2,064
No. of rev. passengers carried one mile	236	231
<u>#AVERAGES PER FREIGHT TRAIN MILE</u>		
Freight revenue	\$4.63	\$4.65
No. of tons of freight (Rev.Fr.)	411.5	394.9
No. of tons of freight (All Fr.)	475.7	469.0
Gross ton miles	1087.5	1069.8
Loaded freight cars	21.7	21.4
Empty freight cars	5.9	6.3
<u>#AVERAGES PER PASSENGER TRAIN MILE</u>		
Passenger train revenues	\$2.31	\$2.04
Passengers carried	70.8	62.9
Passenger cars	6.8	7.0
Average operating expenses per train mile	\$3.56	\$3.47
Average length of haul (Rev.Fr.) Miles	278.0	268.0
Average passenger journey Miles	57.2	56.7
Average tons per loaded freight car mile	21.9	21.9
Average freight receipt per rev. ton mile	1.125¢	1.179¢
Average passenger receipt per passenger per mile	2.147¢	2.048¢
Ratio of operating expenses to revenues	95.86%	99.10%
xx - Including Acct. Maritime Freight Rates Act	\$209,049.00	\$215,022.00
# - Contains a proportion of mixed train miles.		





OPERATING REVENUES, EXPENSES & STATISTICS

CANADIAN NATIONAL RAILWAYS

For the Month of April, 1930

	1930	1929
<u>OPERATING REVENUES</u>		
Freight	\$10,428,410.93	\$13,840,595.65
Passenger	2,018,050.05	2,376,060.47
Mail	208,335.64	205,832.12
Express	931,703.69	988,630.06
Other freight train	513.14	-
Other passenger train	195,762.99	220,319.01
Water line	-	-
All other	917,835.09	978,122.06
Total railway operating revenues	14,700,611.53	18,609,559.37
<u>OPERATING EXPENSES</u>		
Maintenance of way and structures	\$2,418,185.99	\$3,605,839.87
Maintenance of equipment	3,264,906.98	3,368,607.80
Traffic	562,572.24	594,870.51
Transportation	6,461,690.65	7,178,190.00
Miscellaneous operations	139,847.91	142,634.60
General	464,838.92	436,038.23
Trans. for investment	Cr. 57,038.68	Cr. 110,726.58
Total railway operating expenses	13,255,004.04	15,215,454.43
<u>OPERATING INCOME</u>		
Net operating revenue	\$1,445,607.49	\$3,394,104.94
Railway tax accruals	283,946.27	256,165.66
Uncollectable revenues	2,381.10	791.13
Hire of equipment	Cr. 50,294.28	Dr. 69,900.86
Joint facilities rents	Cr. 1,297.02	Cr. 25,630.90
Operating income	1,210,871.42	3,092,878.19
<u>OPERATING STATISTICS</u>		
Average miles of road operated	18,355.98	18,021.87
No. of tons carried (Rev.Fr.)	2,940,560	3,710,649
No. of tons carried one mile " "	860,112,470	1,128,403,210
No. of tons carried one mile (All Fr.)	995,535,667	1,341,689,579
Gross ton miles, excl. of locomotive & tender	2,377,812,791	3,128,374,947
No. of revenue passengers carried	1,116,921	1,238,380
No. of revenue passengers carried one mile	75,076,886	93,274,718
# Freight train miles	1,715,704	2,148,990
# Passenger train miles	1,601,486	1,617,382
Total train miles (Rev. & Non Rev.)	3,402,110	3,962,997
Freight car miles-loaded	45,331,734	58,558,653
Freight car miles-empty	17,446,223	24,986,646
Passenger train car miles	11,155,661	11,441,399
Total amount of pay roll (Including Eastern Lines)	\$11,164,504	\$11,993,588
Number of employees " " "	83,402	91,006
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>		
Operating revenue	\$26.70	\$34.42
Operating expenses	\$24.07	\$28.14
No. of tons moved one mile (Rev.Fr.)	1,562	2,087
No. of tons moved one mile (All Fr.)	1,808	2,482
No. of rev. passengers carried one mile	136	173
<u>AVERAGES PER FREIGHT TRAIN MILE</u>		
Freight revenue	\$6.08	\$6.44
No. of tons of freight (Rev.Fr.)	501.3	525.1
No. of tons of freight (All Fr.)	580.2	624.3
Gross ton miles	1385.9	1455.7
Loaded freight cars	26.4	27.2
Empty freight cars	10.2	11.6
<u>AVERAGES PER PASSENGER TRAIN MILE</u>		
Passenger train revenues	\$2.09	\$2.34
Passengers carried	46.9	57.7
Passenger cars	7.0	7.1
Average operating expenses per train mile	\$3.90	\$3.84
Average length of haul (Rev.Fr.) Miles	292.5	304.1
Average passenger journey Miles	67.2	75.3
Tons per loaded freight car mile	22.0	22.9
Freight receipt per revenue ton mile	1.212¢	1.227¢
Passenger receipt per passenger per mile	2.688¢	2.547¢
Ratio of pay roll to operating revenues	63.8%	56.4%
Ratio of operating expenses to revenues	90.17%	81.76%
* - Ratio 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 April, 1930

	1930	1929
<u>OPERATING REVENUES</u>		
Freight	\$9,919,420.30	\$13,237,265.81
Passenger	2,363,436.64	2,547,081.54
Mail	306,365.85	302,517.17
Express	444,520.99	445,066.36
Other freight train	5,252.36	2,678.00
Other passenger train	309,820.50	325,897.40
Water line	54,805.48	59,892.93
All other	692,982.34	770,433.53
Total railway operating revenues	14,096,604.46	17,690,832.74
<u>OPERATING EXPENSES</u>		
Maintenance of way and structures	\$2,783,021.15	\$3,116,339.42
Maintenance of equipment	2,659,649.45	3,657,774.06
Traffic	873,499.49	843,689.08
Transportation	5,354,058.86	6,086,327.26
Miscellaneous operations	193,367.15	237,194.13
General	300,447.29	304,599.02
Trans. for investment	-	-
Total railway operating expenses	12,164,043.39	14,245,922.97
<u>OPERATING INCOME</u>		
Net operating revenue	\$1,932,561.07	\$3,444,909.77
Railway tax accruals	318,815.68	304,181.90
Uncollectable revenues	-	-
Hire of equipment	Cr. 87,413.80	Cr. 52,356.55
Joint facilities rents	Dr. 27,302.35	Dr. 2,517.49
Operating income	1,673,856.84	3,190,566.93
<u>OPERATING STATISTICS</u>		
Average miles of road operated	14,812.0	14,417.1
No. of tons carried (Rev. Fr.)	2,237,499	2,982,807
No. of tons carried one mile " "	821,628,964	1,223,556,552
No. of tons carried one mile (All Fr.)	996,272,107	1,481,304,381
Gross ton miles, excl. of locomotive & tender	2,292,373,525	3,124,450,938
No. of revenue passengers carried	951,745	999,454
No. of rev. passengers carried one mile	82,509,254	91,437,875
# Freight train miles	1,825,560	2,296,110
# Passenger train miles	1,579,392	1,572,544
Total Train Miles (Rev. & Non Rev.)	3,522,177	4,033,957
Freight car miles-loaded	42,541,572	57,437,252
Freight car miles-empty	16,883,297	22,827,058
Passenger train car miles	11,870,279	11,983,861
Total amount of pay roll	\$8,297,178.78	\$9,290,651.44
Number of employees	67,896	74,772
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>		
Operating revenue	\$31.72	\$40.90
Operating expenses	\$27.37	\$32.94
No. of tons moved one mile (Rev. Fr.)	1,849	2,829
No. of tons moved one mile (All Fr.)	2,242	3,425
No. of rev. passengers carried one mile	186	211
<u>#AVERAGES PER FREIGHT TRAIN MILE</u>		
Freight revenue	\$ 5.44	\$ 5.77
No. of tons of freight (Rev. Fr.)	450.1	532.9
No. of tons of freight (All Fr.)	545.7	645.1
Gross ton miles	1255.7	1360.8
Loaded freight cars	23.3	25.0
Empty freight cars	9.2	9.9
<u>#AVERAGES PER PASSENGER TRAIN MILE</u>		
Passenger train revenues	\$2.17	\$2.30
Passengers carried	52.2	58.1
Passenger cars	7.5	7.6
Average operating expenses per train mile	\$3.45	\$3.53
Average length of haul (Rev. Fr.) Miles	367.2	410.2
Average passenger journey Miles	86.7	91.5
Average tons per loaded freight car mile	23.4	25.8
Av. freight receipt per revenue ton mile	1.207¢	1.082¢
Av. passenger receipt per passenger per mile	2.864¢	2.786¢
Ratio of pay roll to operating revenues	58.9%	52.5%
Ratio of operating expenses to revenues	86.29%	80.53%

# - Contains a proportion of mixed train miles.

OFFICE OF THE SECRETARY



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CANADIAN NATIONAL SYSTEM  
(Steam Lines in Canada & United States)  
For the Month of April, 1930

OPERATING REVENUES

	1930	1929
Canadian Lines	\$14,700,611.53	\$18,609,559.37
Duluth, Winnipeg & Pacific	133,084.00	192,195.00
Grand Trunk Western	2,675,888.00	3,474,654.00
New England Lines	161,770.47	172,835.63
Central Vermont Railway	640,670.00	755,485.00
Total	<u>18,310,024.00</u>	<u>23,210,729.00</u>

OPERATING EXPENSES

Canadian Lines	\$13,255,004.04	\$15,215,454.43
Duluth, Winnipeg & Pacific	140,257.94	187,632.83
Grand Trunk Western	1,973,825.46	2,355,262.39
New England Lines	211,346.33	253,714.20
Central Vermont Railway	538,896.61	547,720.61
Total	<u>16,119,330.88</u>	<u>18,559,784.46</u>

NET OPERATING REVENUE

Canadian Lines	\$1,445,607.49	\$3,394,104.94
Duluth, Winnipeg & Pacific	Dr. 7,173.94	4,562.17
Grand Trunk Western	700,062.54	1,119,391.61
New England Lines	Dr. 49,576.36	Dr. 74,878.57
Central Vermont Railway	101,773.39	207,764.39
Total	<u>2,190,693.12</u>	<u>4,650,944.54</u>

OPERATING INCOME

Canadian Lines	\$1,210,871.42	\$3,092,878.19
Duluth, Winnipeg & Pacific	Dr. 10,722.78	Dr. 7,612.69
Grand Trunk Western	397,598.89	618,741.58
New England Lines	Dr. 120,937.82	Dr. 144,502.15
Central Vermont Railway	101,214.10	198,800.15
Total	<u>1,578,023.81</u>	<u>3,753,305.08</u>

S U M M A R Y

For Four Months ended April 30th

ALL RAILWAYS

	1930	1929
Operating Revenues	\$141,327,533.22	\$166,725,428.04
Operating Expenses	125,704,415.24	136,939,485.06
Net Operating Revenue	15,623,117.98	29,785,942.98
Operating Income	11,462,463.95	25,297,299.40

CANADIAN NATIONAL RAILWAYS

Operating Revenues - Canadian Lines	\$57,608,976.83	\$67,856,647.53
# United States Lines	13,283,677.17	16,658,828.47
Total	<u>70,892,654.00</u>	<u>84,515,476.00</u>
Operating Expenses - Canadian Lines	53,448,877.99	57,040,431.63
# United States Lines	10,688,561.89	11,641,838.71
Total	<u>64,137,439.88</u>	<u>68,682,270.34</u>
Net Operating Revenue - Canadian Lines	4,160,098.84	10,815,215.90
# United States Lines	2,595,115.23	5,016,982.76
Total	<u>6,755,214.12</u>	<u>15,832,198.66</u>
Operating Income - Canadian Lines	3,125,884.60	9,500,477.63
# United States Lines	1,110,738.10	2,933,792.62
Total	<u>4,236,622.70</u>	<u>12,434,270.25</u>

CANADIAN NATIONAL RAILWAYS - EASTERN LINES

Operating Revenues	\$10,240,308.00	\$9,745,928.00
Operating Expenses	10,951,563.26	10,411,514.85
Net Operating Revenue	Dr. 711,255.26	Dr. 665,366.35
Operating Income	Dr. 993,537.57	Dr. 900,655.10

CANADIAN PACIFIC RAILWAY

Operating Revenues	\$53,297,944.10	\$65,952,346.52
Operating Expenses	46,965,585.78	54,102,054.99
Net Operating Revenue	6,332,358.32	11,850,291.53
Operating Income	5,359,704.74	10,834,146.91

# Including Central Vermont Railway.



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