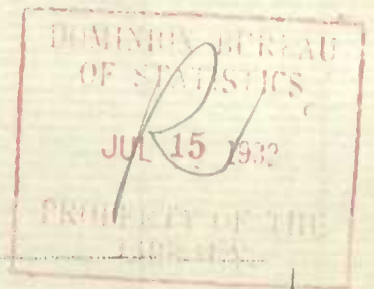


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C A N A D A

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

1932

+ + +

Published by Authority of the Hon. H. H. Stevens, M.P.,

Minister of Trade and Commerce

+ + +

OTTAWA

1932





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

Dominion Statistician, R.M. 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 APRIL, 1932.

Although gross revenues of Canadian railways amounting to \$23,850,691 were less than for April, 1931 by \$6,753,289, net operating revenues were reduced by only \$514,212 or from \$3,312,556 to \$2,798,343 through a reduction in operating expenses from \$27,291,424 to \$21,052,347. The total pay roll was reduced from \$18,762,584 to \$14,241,163, or by \$4,481,421 or, 24 per cent for a reduction in the number of employees of 23,101 or 16 per cent.

The general reduction in wage rates became effective December 1, 1931 for train and engine crews and telegraphers, March 1, 1932 for clerks and freight handlers on some of the lines and on May 1 for other lines, on April 1 for shop crafts and on May 1 for maintenance of way and structures employees.

For the four months January - April gross revenues were \$93,292,104 and the operating income amounted to \$2,237,014 as against \$115,615,821 and \$2,812,719 respectively in 1931.

EASTERN LINES - CANADIAN NATIONAL RAILWAYS: Gross revenues amounted to \$1,666,913 as against \$2,510,522 for April, 1931 and with a decrease in operating expenses of \$578,770, net operating revenues showed a debit of \$284,993 as against a loss of \$20,155 last year.

For the four months January - April the operating income deficit was \$1,413,234 as against \$2,101,481 in 1931 and \$993,632 in 1930.

CANADIAN NATIONAL RAILWAYS: (Canadian Lines exclusive of Eastern Lines):- With a decrease in gross revenues of \$2,403,482 and in operating expenses of \$2,837,969 or from \$12,394,732 to \$9,991,250 and from \$11,821,561 to \$8,983,592 respectively the net operating revenue was increased from \$573,170 to \$1,007,657. The reduction in maintenance of way and structures amounted to 30 per cent and in maintenance equipment to 29 per cent. The reduction in rates of wages of 10 per cent became effective April 1 for shop crafts but not till May 1 for maintenance of way and structures employees. The total pay roll was reduced from \$10,240,511, or by \$2,628,935, or 25.7 per cent for a reduction of 15.3 per cent in the number of employees.

The Duluth, Winnipeg and Pacific and the New England Lines showed smaller operating income losses than for April, 1931 but the Grand Trunk Western showed a loss of \$157,357 as against a profit of \$3,475 last year and the income of the Central Vermont dropped from \$113,056 to \$4,921. The system operating income amounted to \$639,924 as against \$392,393 in April, 1931.

For the four months the Canadian lines showed an operating income loss of \$522,116 in 1932 and \$817,094 in 1931, and the United States lines losses of \$838,793 this year and \$327,512 last year making the losses for the system for the four months \$1,360,909 this year and \$1,144,606 last year.

CANADIAN PACIFIC RAILWAY: Gross Revenues declined from \$12,223,382 in April, 1931 to \$9,492,371 and operating expenses were reduced from \$10,561,559 to \$8,237,054 thus reducing the net operating revenue from \$1,662,323 to \$1,255,316 and the operating income from \$1,347,039 to \$918,483.

For the four months gross revenues were \$37,875,701 in 1932 and \$47,192,636 in 1931 and operating expenses amounted to \$33,689,714 in 1932 and \$42,097,822 in 1931. These reduced the net operating revenues from \$5,094,814 to \$4,185,987 and the operating income from \$3,812,286 to \$2,935,898.







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

1932                      1931

<u>OPERATING REVENUES</u>		
Freight	\$17,862,103.68	\$22,820,523.22
Passenger	2,957,626.94	3,896,460.06
Mail	580,098.05	614,296.27
Express	1,096,545.32	1,413,902.86
Other freight train	3,476.24	4,209.52
Other passenger train	350,673.41	451,573.74
Water line	28,405.67	38,775.84
All other	971,761.76	1,364,239.36
Total railway operating revenues	23,850,691.07	30,603,980.87
<u>OPERATING EXPENSES</u>		
Maintenance of way and structures	\$3,794,553.77	\$5,271,970.82
Maintenance of equipment	4,343,334.10	5,978,359.01
Traffic	1,141,882.01	1,552,822.19
Transportation	10,543,063.54	13,181,158.47
Miscellaneous operations	239,735.03	350,205.16
General	1,045,958.56	1,064,234.92
Trans. for investment	Cr. 56,179.87	Cr. 107,326.36
Total railway operating expenses	21,052,347.14	27,291,424.21
<u>OPERATING INCOME</u>		
Net operating revenue	\$2,798,343.93	\$3,312,556.66
Railway tax accruals	677,055.71	744,652.77
Uncollectable revenues	6,261.00	885.00
Hire of equipment	Dr. 108,010.02	Dr. 154,955.82
Joint facilities rents	Dr. 75,168.87	Dr. 56,909.95
Operating income	1,931,848.33	2,355,153.12
<u>OPERATING STATISTICS</u>		
Average miles of road operated	42,141.49	41,988.33
No. of tons carried (Rev.Fr.)	5,703,232	7,037,606
No. of tons carried one mile " "	1,653,428.992	2,138,521.475
No. of tons carried one mile (All Fr.)	1,829,131.099	2,431,660.764
Gross ton miles, excl. of locomotive & tender	4,381,766.300	5,715,884.000
No. of revenue passengers carried	1,767,671	2,059,959
No. of revenue passengers carried one mile	112,517.546	138,937.115
# Freight train miles	3,455,899	4,215,158
# Passenger train miles	3,177,137	3,761,649
Total train miles (Rev. and Non Rev.)	6,703,514	8,083,178
Freight car miles - loaded	79,225,533	103,806,349
Freight car miles - empty	36,976,300	47,721,911
Passenger train car miles	22,031,309	25,427,462
Total amount of pay roll	14,281,163.51	18,762,584.67
Number of employees	122,251	145,352
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>		
Operating revenue	\$18.87	\$24.30
Operating expenses	\$16.65	\$21.67
No. of tons moved one mile (Rev.Fr.)	1,308	1,698
No. of tons moved one mile (All Fr.)	1,447	1,930
No. of rev. passengers carried one mile	89	110
<u>#AVERAGES PER FREIGHT TRAIN MILE</u>		
Freight revenue	\$5.17	\$5.41
No. of tons of freight (Rev.Fr.)	478.4	507.3
No. of tons of freight (All Fr.)	529.3	576.9
Gross ton miles	1,267.9	1,356.0
Loaded freight cars	22.9	24.6
Empty freight cars	10.7	11.3
<u>#AVERAGES PER PASSENGER TRAIN MILE</u>		
Passenger train revenues	\$1.57	\$1.67
Passengers carried	35.4	36.9
Passenger cars	6.9	6.8
Average operating expenses per train mile	\$3.14	\$3.38
Average length of haul (Rev.Fr.) Miles	289.9	303.9
Average passenger journey Miles	63.7	67.4
Average tons per loaded freight car mile	23.1	23.4
Average freight receipt per revenue ton mile	1.081¢	1.067¢
Average passenger receipt per passenger per mile	2.629¢	2.804¢
Ratio of pay roll to operating revenues	59.9%	61.3%
Ratio of operating expenses to revenues	88.27%	89.18%
# - Contains a proportion of mixed train miles		







## OPERATING REVENUES, EXPENSES &amp; STATISTICS

## EASTERN LINES

## CANADIAN NATIONAL RAILWAYS

For the Month of April, 1932.

	1932	1931
<u>OPERATING REVENUES</u>		
Freight xx	\$1,111,276.00	\$1,797,830.00
Passenger	272,181.00	365,052.00
Mail	64,141.00	66,300.00
Express	104,686.00	142,044.10
Other freight train		
Other passenger train	30,489.02	37,196.59
Water line		
All other	84,139.98	102,099.31
Total railway operating revenues	1,666,913.00	2,510,522.00
<u>OPERATING EXPENSES</u>		
Maintenance of way and structures	345,504.78	457,611.17
Maintenance of equipment	373,609.90	530,691.34
Traffic	56,529.53	80,551.97
Transportation	954,540.01	1,288,087.75
Miscellaneous operations	19,066.72	28,172.60
General	202,676.98	146,494.26
Trans. for investment	Cr. 21.00	Cr. 931.87
Total railway operating expenses	1,951,906.92	2,530,677.22
<u>OPERATING INCOME</u>		
Net operating revenue	Dr. 284,993.92	Dr. 20,155.22
Railway tax accruals	24,663.97	25,078.56
Uncollectable revenues	192.14	35.12
Hire of equipment	Dr. 80,474.83	Dr. 63,177.82
Joint facilities rents	Dr. 409.98	Dr. 414.52
Operating income	Dr. 390,734.84	Dr. 108,861.24
<u>OPERATING STATISTICS</u>		
Average miles of road operated	3,342.37	3,342.39
No. of tons carried (Rev. Fr.)	371,632	493,150
No. of tons carried one mile " "	96,215,912	138,040,233
No. of tons carried one mile (All Fr.)	103,057,410	175,928,406
Gross ton miles, excl. of locomotive & tender	252,629,310	394,738,554
No. of revenue passengers carried	262,703	323,235
No. of revenue passengers carried one mile	11,953,718	15,619,417
# Freight train miles	245,784	377,662
# Passenger train miles	274,032	316,171
Total train miles (Rev. and Non Rev.)	522,265	703,848
Freight car miles-loaded	5,055,531	7,753,812
Freight car miles-empty	1,530,869	2,091,397
Passenger train car miles	1,658,113	2,023,731
Total amount of pay roll	Included in Canadian Lines	
Number of employees	" " "	" "
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>		
Operating revenue	\$16.62	\$25.04
Operating expenses	\$19.47	\$25.24
No. of tons moved one mile (Rev. Fr.)	960	1,377
No. of tons moved one mile (All Fr.)	1,028	1,755
No. of rev. passengers carried one mile	119	156
<u>#AVERAGES PER FREIGHT TRAIN MILE</u>		
Freight revenue	\$4.52	\$4.76
No. of tons of freight (Rev. Fr.)	391.5	365.5
No. of tons of freight (All Fr.)	419.3	465.8
Gross ton miles	1,027.9	1,045.2
Loaded freight cars	20.6	20.5
Empty freight cars	6.2	5.5
<u>#AVERAGES PER PASSENGER TRAIN MILE</u>		
Passenger train revenues	\$1.72	\$1.93
Passengers carried	43.6	49.4
Passenger cars	6.1	6.4
Average operating expenses per train mile	\$3.74	\$3.60
Average length of haul (Rev. Fr.) Miles	258.9	279.9
Average passenger journey Miles	45.5	43.3
Average tons per loaded freight car mile	20.4	22.7
Average freight receipt per revenue ton mile	1,155¢	1,302¢
Average passenger receipt per passenger per mile	2.277¢	2.337¢
Ratio of operating expenses to revenues	117.10%	100.80%
xx - Including account Maritime Freight Rates Act	\$115,000.00	\$200,000.00
# - Contains a proportion of mixed train miles		







OPERATING REVENUES, EXPENSES & STATISTICS  
CANADIAN NATIONAL RAILWAYS  
For the Month of April, 1932.

	1932	1931
<u>OPERATING REVENUES</u>		
Freight	\$7,502,626.00	\$9,240,224.52
Passenger	1,010,937.00	1,337,360.78
Mail	176,114.33	200,090.02
Express	652,251.01	779,531.85
Other freight train	...	429.50
Other passenger train	99,050.28	147,167.84
Water line	...	...
All other	550,271.38	689,927.55
Total railway operating revenues	9,991,250.00	12,394,732.06
<u>OPERATING EXPENSES</u>		
Maintenance of way and structures	\$1,572,442.86	2,250,196.56
Maintenance of equipment	1,973,712.54	2,794,667.02
Traffic	364,292.06	553,116.71
Transportation	4,603,269.88	5,686,029.41
Miscellaneous operations	60,385.29	107,601.35
General	419,280.02	478,857.82
Trans. for investment	Cr. 9,790.40	48,907.46
Total Railway Operating Expenses	8,983,592.25	11,821,561.41
<u>OPERATING INCOME</u>		
Net operating revenue	\$1,007,657.75	573,170.65
Railway tax accruals	276,221.98	301,387.64
Uncollectable revenues	5,926.39	815.30
Hire of equipment	Cr. 138,835.82	Cr. 129,551.42
Joint facilities rents	Dr. 16,648.39	Dr. 4,384.84
Operating income	847,696.81	396,134.29
<u>OPERATING STATISTICS</u>		
Average miles of road operated	18,713.88	18,598.77
No. of tons carried (Rev. Freight)	2,257,582	2,524,027
No. of tons carried one mile " "	726,173,384	881,446,663
No. of tons carried one mile (All Freight)	302,666,101	998,393,329
Gross ton miles, excl. of locomotive and tender	1,885,123,170	2,353,116,001
No. of revenue pass. carried	625,557	731,960
No. of revenue pass. carried one mile	39,069,174	50,190,953
# Freight train miles	1,363,300	1,571,931
# Passenger train miles	1,128,086	1,502,225
Total train miles (Rev. & Non Rev.)	2,529,681	3,109,029
Freight car miles--loaded	33,213,125	42,272,916
Freight car miles--empty	16,389,917	20,626,791
Passenger train car miles	7,972,198	9,489,710
Total amount of pay roll (Including Eastern Lines)	\$7,611,526	\$10,240,511
Number of employees " " "	65,884	77,773
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>		
Operating revenue	\$17.80	\$22.21
Operating expenses	\$16.00	\$21.19
No. of tons moved one mile (Rev. Fr.)	1,293	1,580
No. of tons moved one mile (All Fr.)	1,430	1,789
No. of rev. passengers carried one mile	70	90
<u>#AVERAGES PER FREIGHT TRAIN MILE</u>		
Freight revenue	\$5.50	\$5.88
No. of tons of freight (Rev. Fr.)	532.7	560.7
No. of tons of freight (All Fr.)	588.8	635.1
Gross ton miles	1382.8	1497.0
Loaded freight cars	24.4	26.9
Empty freight cars	12.0	13.1
<u>#AVERAGES PER PASSENGER TRAIN MILE</u>		
Passenger train revenues	\$1.72	\$1.64
Passengers carried	34.6	33.4
Passenger cars	7.1	6.3
Average operating expenses per train mile	\$3.53	\$3.80
Average length of haul (Rev. Fr.) Miles	321.7	349.2
Average passenger journey Miles	62.5	68.6
Average tons per loaded freight car mile	24.2	23.6
Average freight receipt per revenue ton mile	1.033¢	1.048¢
Average passenger receipt per passenger per mile	2.588¢	2.665¢
xRatio of pay roll to operating revenues	65.3%	68.7%
Ratio of operating expenses to revenues	89.91%	95.38%

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 April, 1932.

	1932	1931
<u>OPERATING REVENUES</u>		
Freight	\$7,111,893.84	\$9,164,153.33
Passenger	1,343,119.28	1,685,494.95
Mail	302,299.48	305,843.01
Express	260,873.47	350,249.47
Other freight train	3,437.76	3,772.97
Other passenger train	208,021.68	254,728.17
Water line	13,133.22	13,606.87
All other	249,592.49	446,034.02
Total railway operating revenues	9,492,371.22	12,223,682.79
<u>OPERATING EXPENSES</u>		
Maintenance of way and structures	\$1,553,102.23	\$2,191,062.44
Maintenance of equipment	1,522,928.33	2,060,899.69
Traffic	648,737.74	833,781.78
Transportation	4,136,245.90	5,067,502.36
Miscellaneous operations	126,869.91	163,445.18
General	293,339.75	296,615.86
Trans. for investment	44,169.62	51,748.29
Total railway operating expenses	8,237,054.24	10,561,559.02
<u>OPERATING INCOME</u>		
Net operating revenue	\$1,255,316.98	\$1,662,323.77
Railway tax accruals	355,568.85	345,481.85
Uncollectable revenues	..	..
Hire of equipment	Cr. 16,998.44	Cr. 18,756.78
Joint facilities rents	Cr. 1,736.48	Cr. 11,441.18
Operating income	918,483.05	1,347,039.88
<u>OPERATING STATISTICS</u>		
Average miles of road operated	16,811.1	16,766.8
No. of tons carried (Rev.Fr.)	1,741,960	2,288,243
No. of tons carried one mile " "	662,565,863	910,732,904
No. of tons carried one mile (All Fr.)	751,432,196	1,044,995,349
Gross ton miles, excl. of locomotive & tender	1,700,315,909	2,305,910,197
No. of revenue passengers carried	701,055	761,418
No. of revenue passengers carried one mile	50,103,051	56,915,999
# Freight train miles	1,462,724	1,779,350
# Passenger train miles	1,508,886	1,613,350
Total train miles (Rev. & Non Rev.)	3,004,253	3,446,205
Freight car miles-loaded	31,144,550	41,178,977
Freight car miles-empty	12,851,690	17,050,580
Passenger train car miles	10,120,374	11,096,186
Total amount of pay roll	5,816,766.62	7,393,563.57
Number of employees	49,417	59,549
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>		
Operating Revenue	\$18.82	\$24.30
Operating Expenses	\$16.33	\$21.00
No. of tons moved one mile (Rev.Fr.)	1,314	1,811
No. of tons moved one mile (All Fr.)	1,490	2,078
No. of rev. passengers carried one mile	99	113
<u>#AVERAGES PER FREIGHT TRAIN MILE</u>		
Freight revenue	\$4.86	\$5.15
No. of tons of freight (Rev.Fr.)	453.0	511.8
No. of tons of freight (All Fr.)	513.7	587.3
Gross ton miles	1,162.4	1,295.9
Loaded freight cars	21.3	23.1
Empty freight cars	8.8	9.6
<u>#AVERAGES PER PASSENGER TRAIN MILE</u>		
Passenger train revenues	\$1.40	\$1.61
Passengers carried	33.2	35.3
Passenger cars	6.7	6.9
Average operating expenses per train mile	\$2.74	\$3.06
Average length of haul (Rev.Fr.) Miles	380.4	398.0
Average passenger journey Miles	71.5	74.8
Average tons per loaded freight car mile	24.1	25.4
Average freight receipt per revenue ton mile	1.074¢	1.007¢
Average passenger receipt per passenger per mile	2.681¢	2.961¢
Ratio of pay roll to operating revenues	61.3%	60.4%
Ratio of operating expenses to revenues	86.78%	86.30%

# - Contains a proportion of mixed train miles.







-6-  
CANADIAN NATIONAL SYSTEM  
 (Steam Lines in Canada & United States)

For the Month of April, 1932

OPERATING REVENUES

	1932	1931
Canadian Lines	\$9,991,250.00	\$12,394,732.06
Duluth, Winnipeg and Pacific	70,324.00	100,319.00
Grand Trunk Western	1,246,127.00	2,033,431.00
New England Lines	118,596.00	108,341.94
Central Vermont Railway	436,741.00	596,955.00
Total	<u>\$11,863,038.00</u>	<u>\$15,233,779.00</u>

OPERATING EXPENSES

Canadian Lines	\$8,933,592.25	\$11,821,561.41
Duluth, Winnipeg and Pacific	86,154.39	128,931.81
Grand Trunk Western	1,200,746.22	1,751,552.72
New England Lines	116,801.46	147,987.42
Central Vermont Railway	407,772.89	488,855.83
Total	<u>\$10,795,067.21</u>	<u>\$14,338,889.19</u>

NET OPERATING REVENUE

Canadian Lines	\$1,007,657.75	\$573,170.65
Duluth, Winnipeg and Pacific	Dr. 15,830.39	Dr. 28,612.81
Grand Trunk Western	45,380.78	281,878.28
New England Lines	1,794.54	Dr. 39,645.48
Central Vermont Railway	28,968.11	<u>108,099.17</u>
Total	<u>\$1,067,970.79</u>	<u>\$894,889.81</u>

OPERATING INCOME

Canadian Lines	\$847,696.81	\$396,134.29
Duluth, Winnipeg and Pacific	Dr. 898.55	Dr. 22,494.13
Grand Trunk Western	Dr. 157,357.90	3,475.10
New England Lines	Dr. 54,436.71	Dr. 97,777.81
Central Vermont Railway	4,921.18	<u>113,056.03</u>
Total	<u>\$839,924.83</u>	<u>\$392,393.48</u>

S U M M A R Y  
 For Four Months ended April 30th

ALL RAILWAYS

Operating revenues	\$93,292,104.26	\$115,615,821.29
Operating expenses	87,579,234.70	109,201,303.97
Net operating revenues	5,712,869.56	6,414,517.32
Operating income	2,237,014.95	2,812,719.26

CANADIAN NATIONAL RAILWAYS

Operating revenues - Canadian Lines	\$38,299,579.00	\$46,771,064.55
# United States Lines	7,764,809.00	10,663,704.45
Total	<u>46,064,388.00</u>	<u>57,434,769.00</u>
Operating expenses - Canadian Lines	38,155,016.37	46,956,353.03
# United States Lines	7,460,345.83	9,485,064.45
Total	<u>45,615,362.20</u>	<u>56,441,417.48</u>
Net operating revenues - Canadian Lines	144,560.63	Dr. 185,288.48
# United States Lines	304,463.17	1,178,640.00
Total	<u>449,023.80</u>	<u>993,351.52</u>
Operating income - Canadian Lines	Dr. 522,116.45	Dr. 817,094.06
# United States Lines	Dr. 838,793.45	Dr. 327,512.72
Total	<u>Dr. 1,360,909.90</u>	<u>Dr. 1,144,606.78</u>

CANADIAN NATIONAL RAILWAYS - EASTERN LINES

Operating revenues	\$7,120,867.00	\$8,555,985.00
Operating expenses	8,116,405.66	10,315,305.58
Net operating revenues	Dr. 995,598.66	Dr. 1,759,320.58
Operating income	Dr. 1,413,234.33	Dr. 2,101,481.76

CANADIAN PACIFIC RAILWAY

Operating revenues	37,875,701.98	47,192,636.83
Operating expenses	33,689,714.92	42,097,822.15
Net operating revenues	4,185,987.06	5,094,814.68
Operating income	2,935,898.35	3,812,286.45

# - Including Central Vermont Railway.

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