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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

MAY

1932

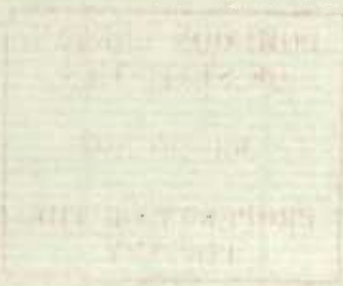
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OTTAWA

1932



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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 MAY, 1932

Gross revenues of Canadian railways for May amounted to \$23,399,852 as against \$30,666,621 in 1931. This was a decrease of \$7,266,769, or 23.7 per cent. Operating expenses were reduced by \$7,540,771, or to \$21,244,781 from \$28,785,553 which increased the net operating income by \$274,002, or to \$2,155,070. The decrease in the pay roll amounted to \$4,581,245, or 24.1 per cent for a reduction in the number of employees of 27,065, or 17.9 per cent. This included all the flat reductions of 10 per cent in pay made from December 1931 to May 1932 including train and enginemen, telegraphers, maintenance of way and structures, shopcrafts, freight handlers and clerks. The average monthly wage of all classes was \$116 in May 1932 and \$125 in May 1931, or a reduction of 8 per cent.

For the five months January - May, gross revenues were \$116,691,956 in 1932 and \$146,282,443 in 1931 and net operating revenues were \$7,867,940 in 1932 and \$8,295,585 in 1931.

EASTERN LINES - CANADIAN NATIONAL RAILWAYS: Gross revenues amounting to \$1,503,169 were less than in 1931 by \$733,205, or 32.8 per cent, but with operating expenses reduced from \$3,005,278 to \$1,803,933, or by \$1,201,344 the net operating revenue debit was reduced by \$468,139, or from \$768,904 to \$300,764. The largest reduction in operating expenses was \$703,928, or 65.0 per cent in maintenance of way and structures. These expenses in 1931, however, were heavy being 137 per cent greater than for April 1931 as compared with an increase of 97 per cent for the three year average 1928-1930 and an increase of 10 per cent in 1932.

For the five months January - May, gross revenues were \$8,624,036 in 1932 and \$10,792,359 in 1931 and operating expenses were \$9,920,399 in 1932 and \$13,320,584 in 1931. The operating income debit was \$1,824,270 in 1932 and \$2,963,922 in 1931.

CANADIAN NATIONAL RAILWAYS: (Canadian Lines exclusive of Eastern Lines): With a reduction in freight traffic of 20.6 per cent and in passenger traffic of 11.3 per cent, gross revenues were reduced from \$12,844,056 in May 1931 to \$9,906,749. Operating expenses were reduced from \$12,439,726 to \$9,128,475 and the net operating revenue was increased from \$404,329 to \$778,273.

Passenger train revenues increased from \$1.58 per train mile to \$1.81 with an increase of 5.3 passengers per train, but freight train earnings decreased from \$6.05 to \$5.15 per train mile.

The Grand Trunk Western Lines showed a decrease in net operating revenues from \$112,876 to a debit of \$11,660, but the other United States lines showed improvements and the total for the system amounted to \$731,794 as compared with \$440,689 in May 1931.

For the five months the gross revenues of the Canadian lines amounted to \$48,206,328 in 1932 and \$59,615,120 in 1931 and the operating income was \$73,586 in 1932 and a debit of \$575,670 in 1931. For the system gross revenues amounted to \$57,750,742 and the operating income to a loss of \$1,050,161 as against \$73,039,396 and a loss of \$1,182,813 respectively in 1931.

CANADIAN PACIFIC RAILWAY: With a decrease of \$2,758,438, or 22.4 per cent in gross revenues amounting to \$9,537,372 and a reduction of \$2,451,758 in operating expenses, or from \$10,876,345 to \$8,424,586 the net operating revenue was reduced from \$1,419,465 in May 1931 to \$1,112,785 and the operating income from \$1,074,249 to \$737,364.

For January - May gross revenues amounted to \$47,413,074, operating expenses to \$42,114,301 and the operating income to \$3,673,263 as compared with \$59,488,447, \$52,974,167 and \$4,886,535 respectively in 1931.

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

	1932	1931
OPERATING REVENUES		
Freight	\$16,906,365.63	\$22,876,172.28
Passenger	2,737,177.38	3,535,949.75
Mail	569,962.24	597,794.43
Express	1,272,865.45	1,413,882.53
Other freight train	1,645.03	1,976.56
Other passenger train	329,143.78	470,363.14
Water line	159,601.51	179,953.49
All other	1,423,091.20	1,590,524.74
Total railway operating revenues	23,399,852.22	30,666,621.92
OPERATING EXPENSES		
Maintenance of way and structures	4,425,542.33	6,863,841.60
Maintenance of equipment	4,131,459.85	6,069,211.92
Traffic	1,157,674.33	1,521,090.58
Transportation	10,332,140.52	13,048,600.00
Miscellaneous operations	243,729.45	336,697.18
General	983,308.38	1,038,829.60
Trans. for investment	29,073.44	92,717.50
Total railway operating expenses	21,244,781.42	28,785,553.38
OPERATING INCOME		
Net operating revenue	2,155,070.80	1,881,068.54
Railway tax accruals	715,252.25	748,783.74
Uncollectable revenues	2,795.89	2,190.12
Hire of equipment	Dr. 131,206.67	Dr. 118,535.45
Joint facilities rents	Dr. 114,487.91	Dr. 91,739.51
Operating income	1,191,328.08	919,819.72
OPERATING STATISTICS		
Average miles of road operated	42,141.86	41,980.83
No. of tons carried (Rev.Fr.)	5,419,594	7,413,513
No. of tons carried one mile " "	1,632,461,607	2,179,283,764
No. of tons carried one mile (All Fr.)	1,814,416,800	2,484,472,116
Gross ton miles, excl. of locomotive & tender	4,362,240,261	5,892,309,135
No. of revenue passengers carried	1,563,632	1,948,881
No. of revenue passengers carried one mile	109,670,665	133,831,618
# Freight train miles	3,412,861	4,164,194
# Passenger train miles	3,182,054	3,774,638
Total train miles (Rev. & Non Rev.)	6,690,217	8,101,630
Freight car miles - loaded	77,011,089	103,376,326
Freight car miles - empty	37,021,222	51,946,958
Passenger train car miles	22,566,569	25,594,039
Total amount of pay roll	14,434,959.82	19,016,204.98
Number of employees	124,537	151,602
DAILY AVERAGES PER MILE OF ROAD OPERATED		
Operating revenue	\$17.91	\$23.56
Operating expenses	\$16.26	\$22.12
No. of tons moved one mile (Rev.Fr.)	1,250	1,675
No. of tons moved one mile (All Fr.)	1,389	1,909
No. of rev. passengers carried one mile	84	103
#AVERAGES PER FREIGHT TRAIN MILE		
Freight revenue	\$4.95	\$5.49
No. of tons of freight (Rev.Fr.)	478.3	523.3
No. of tons of freight (All Fr.)	531.6	596.6
Gross ton miles	1,278.2	1,415.0
Loaded freight cars	22.6	24.8
Empty freight cars	10.8	12.5
#AVERAGES PER PASSENGER TRAIN MILE		
Passenger train revenues	\$1.54	\$1.59
Passengers carried	34.5	35.5
Passenger cars	7.1	6.8
Average operating expenses per train mile	\$3.17	\$3.55
Average length of haul (Rev.Fr.) Miles	301.2	294.0
Average passenger journey Miles	70.1	68.7
Average tons per loaded freight car mile	23.6	24.0
Average freight receipt per revenue ton mile	1.036¢	1.050¢
Average passenger receipt per passenger per mile	2.496¢	2.642¢
Ratio of pay roll to operating revenues	61.7%	62.0%
Ratio of operating expenses to revenues	90.79%	93.87%
# - Contains a proportion of mixed train miles.		

OPERATING REVENUES, EXPENSES & STATISTICS

EASTERN LINES

CANADIAN NATIONAL RAILWAYS

For the Month of May, 1932

	1932	1931
<u>OPERATING REVENUES</u>		
Freight xx	\$1,022,807.00	\$1,553,734.00
Passenger	193,598.00	328,162.00
Mail	62,164.00	66,700.00
Express	112,915.00	151,046.85
Other freight train		
Other passenger train	23,245.00	33,742.43
Water line		
All other	88,440.00	102,988.72
Total railway operating revenues	1,503,169.00	2,236,374.00
<u>OPERATING EXPENSES</u>		
Maintenance of way and structures	379,390.55	1,083,319.12
Maintenance of equipment	345,037.87	511,809.27
Traffic	61,436.33	77,738.81
Transportation	868,612.25	1,171,265.91
Miscellaneous operations	17,069.77	23,497.93
General	129,653.05	142,748.22
Trans. for investment	Dr. 2,734.00	Cr. 5,100.65
Total railway operating expenses	1,803,933.82	3,005,278.61
<u>OPERATING INCOME</u>		
Net operating revenue	Dr. 300,764.82	Dr. 768,904.61
Railway tax accruals	27,931.60	30,085.39
Uncollectable revenues	147.87	118.75
Hire of equipment	Dr. 83,172.01	Dr. 62,879.42
Joint facilities rents	Cr. 979.97	Dr. 452.86
Operating income	Dr. 411,036.33	Dr. 862,441.03
<u>OPERATING STATISTICS</u>		
Average miles of road operated	3,342.37	3,342.39
No. of tons carried (Rev.Fr.)	335,157	458,281
No. of tons carried one mile " "	80,234,834	117,295,247
No. of tons carried one mile (All Fr.)	88,537,889	142,278,998
Gross ton miles, excl. of locomotive & tender	219,317,242	334,589,767
No. of revenue passengers carried	206,103	245,105
No. of revenue passengers carried one mile	8,369,919	13,804,481
# Freight train miles	233,379	324,594
# Passenger train miles	244,201	309,487
Total train miles (Rev. & Non Rev.)	480,167	652,968
Freight car miles - loaded	4,426,348	6,577,460
Freight car miles - empty	1,361,820	2,161,335
Passenger train car miles	1,624,938	1,971,834
Total amount of pay roll	Included in Canadian Lines	
Number of employees	" "	" "
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>		
Operating revenue	\$14.51	\$21.58
Operating expenses	\$17.41	\$29.00
No. of tons moved one mile (Rev.Fr.)	774	1,132
No. of tons moved one mile (All Fr.)	855	1,373
No. of rev. passengers carried one mile	81	133
<u>#AVERAGES PER FREIGHT TRAIN MILE</u>		
Freight revenue	\$4.38	\$4.79
No. of tons of freight (Rev.Fr.)	343.8	361.4
No. of tons of freight (All Fr.)	379.4	438.3
Gross ton miles	939.7	1,030.8
Loaded freight cars	19.0	20.3
Empty freight cars	5.8	6.7
<u>#AVERAGES PER PASSENGER TRAIN MILE</u>		
Passenger train revenues	\$1.60	\$1.87
Passengers carried	34.3	44.6
Passenger cars	6.7	6.4
Average operating expenses per train mile	\$3.76	\$4.60
Average length of haul (Rev.Fr.) Miles	239.4	255.9
Average passenger journey Miles	40.6	56.3
Average tons per loaded freight car mile	20.0	21.6
Average freight receipt per revenue ton mile	1.275¢	1.325¢
Average passenger receipt per passenger per mile	2.313¢	2.377¢
Ratio of operating expenses to revenues	120.01%	134.38%
xx - Including account Maritime Freight Rates Act	\$128,000.00	\$175,000.00
# - Contains a proportion of mixed train miles.		

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

	1932	1931
<u>OPERATING REVENUES</u>		
Freight	\$7,169,632.00	\$9,711,092.84
Passenger	998,057.00	1,165,833.92
Mail	180,831.78	198,574.73
Express	800,027.38	876,717.43
Other freight train		39.86
Other passenger train	91,208.04	157,930.14
Water line		
All other	666,992.80	733,867.08
Total railway operating revenues	9,906,749.00	12,844,056.00
<u>OPERATING EXPENSES</u>		
Maintenance of way and structures	1,845,303.36	2,950,293.83
Maintenance of equipment	1,872,688.27	2,632,809.84
Traffic	390,443.85	532,142.92
Transportation	4,513,790.93	5,770,192.26
Miscellaneous operations	69,532.36	103,548.25
General	446,187.47	485,941.14
Trans. for investment	Cr. 9,470.80	Cr. 35,202.00
Total railway operating expenses	9,128,475.44	12,439,726.24
<u>OPERATING INCOME</u>		
Net operating revenue	778,273.56	404,329.76
Railway tax accruals	279,155.28	286,618.23
Uncollectable revenues	1,768.63	2,051.63
Hire of equipment	Cr. 121,996.73	Cr. 128,877.50
Joint facilities rents	Dr. 23,643.44	Dr. 3,114.24
Operating income	595,702.94	241,423.16
<u>OPERATING STATISTICS</u>		
Average miles of road operated	18,713.88	18,577.65
No. of tons carried (Rev.Fr.)	2,104,249	2,844,729
No. of tons carried one mile " "	734,879.987	925,839.961
No. of tons carried one mile (All Fr.)	815,768.134	1,032,096.912
Gross ton miles, excl. of locomotive & tender	1,920,734.381	2,438,854.394
No. of revenue passengers carried	583,867	762,048
No. of revenue passengers carried one mile	40,643.780	45,817.223
# Freight train miles	1,390,860	1,605,996
# Passenger train miles	1,144,857	1,516,605
Total train miles (Rev. & Non Rev.)	2,577,265	3,177,693
Freight car miles - loaded	33,072,812	42,891,508
Freight car miles - empty	17,390,391	22,430,012
Passenger train car miles	8,307,095	9,658,497
Total amount of pay roll (Including Eastern Lines)	7,527,805	10,480,511
Number of employees " " "	64,714	81,227
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>		
Operating revenue	\$17.08	\$22.30
Operating expenses	\$15.74	\$21.60
No. of tons moved one mile (Rev.Fr.)	1,267	1,608
No. of tons moved one mile (All Fr.)	1,406	1,792
No. of rev. passengers carried one mile	70	80
<u>#AVERAGES PER FREIGHT TRAIN MILE</u>		
Freight revenue	\$5.15	\$6.05
No. of tons of freight (Rev.Fr.)	528.4	576.5
No. of tons of freight (All Fr.)	586.5	642.7
Gross ton miles	1,381.0	1,518.6
Loaded freight cars	23.8	26.7
Empty freight cars	12.5	14.0
<u>#AVERAGES PER PASSENGER TRAIN MILE</u>		
Passenger train revenues	\$1.81	\$1.58
Passengers carried	35.5	30.2
Passenger cars	7.3	6.4
Average operating expenses per train mile	\$3.54	\$3.91
Average length of haul (Rev.Fr.) Miles	349.2	325.5
Average passenger journey Miles	69.6	60.1
Average tons per loaded freight car mile	24.7	24.1
Average freight receipt per revenue ton mile	.976¢	1.049¢
Average passenger receipt per passenger per mile	2.456¢	2.545¢
xRatio of pay roll to operating revenues	66.0%	69.5%
Ratio of operating expenses to revenues	92.14%	96.85%

x - Revenue of Eastern Lines included to determine ratio.

- Contains a proportion of mixed train miles.

OPERATING REVENUES, EXPENSES & STATISTICSCANADIAN PACIFIC RAILWAY

For the Month of May, 1932

	1932	1931
<u>OPERATING REVENUES</u>		
Freight	\$6,790,789.30	\$9,142,018.10
Passenger	1,280,112.58	1,588,150.96
Mail	289,823.95	292,232.45
Express	268,026.06	231,449.48
Other freight train	1,139.24	1,898.84
Other passenger train	202,810.78	265,444.04
Water line	126,751.50	137,470.89
All other	577,918.82	637,146.30
Total railway operating revenues	9,537,372.23	12,295,811.06
<u>OPERATING EXPENSES</u>		
Maintenance of way and structures	1,867,895.36	2,381,935.79
Maintenance of equipment	1,443,143.80	2,321,321.45
Traffic	632,102.43	824,046.67
Transportation	4,100,232.78	4,961,416.37
Miscellaneous operations	122,525.24	157,553.89
General	279,412.21	272,264.24
Trans. for investment	Cr. 20,725.45	Cr. 42,193.21
Total railway operating expenses	8,424,586.37	10,876,345.80
<u>OPERATING INCOME</u>		
Net operating revenue	1,112,785.86	1,419,465.86
Railway tax accruals	355,404.23	355,234.52
Uncollectable revenues		
Hire of equipment	Cr. 7,760.75	Cr. 19,365.53
Joint facilities rents	Dr. 27,777.70	Dr. 9,347.76
Operating income	737,364.68	1,074,249.11
<u>OPERATING STATISTICS</u>		
Average miles of road operated	16,811.1	16,780.4
No. of tons carried (Rev.Fr.)	1,717,479	2,295,117
No. of tons carried one mile " "	673,081,059	937,954,646
No. of tons carried one mile (All Fr.)	760,313,560	1,105,706,365
Gross ton miles, excl. of locomotive & tender	1,706,088,629	2,448,733,347
No. of revenue passengers carried	592,399	695,773
No. of revenue passengers carried one mile	49,675,867	57,968,853
# Freight train miles	1,421,258	1,780,627
# Passenger train miles	1,524,090	1,613,785
Total train miles (Rev. & Non Rev.)	2,985,215	3,455,993
Freight car miles - loaded	30,437,114	41,855,685
Freight car miles - empty	12,015,416	19,308,929
Passenger train car miles	10,290,214	11,087,120
Total amount of pay roll	6,014,506.86	7,341,482.44
Number of employees	52,283	61,691
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>		
Operating Revenue	\$18.30	\$23.64
Operating Expenses	\$16.17	\$20.91
No. of tons moved one mile (Rev.Fr.)	1,292	1,803
No. of tons moved one mile (All Fr.)	1,459	2,126
No. of rev. passengers carried one mile	95	111
<u>#AVERAGES PER FREIGHT TRAIN MILE</u>		
Freight revenue	\$4.78	\$5.14
No. of tons of freight (Rev.Fr.)	473.6	526.8
No. of tons of freight (All Fr.)	535.0	621.0
Gross ton miles	1,200.4	1,375.2
Loaded freight cars	21.4	23.5
Empty freight cars	8.5	10.8
<u>#AVERAGES PER PASSENGER TRAIN MILE</u>		
Passenger train revenues	\$1.34	\$1.47
Passengers carried	32.6	35.9
Passenger cars	6.8	6.9
Average operating expenses per train mile	\$2.82	\$3.15
Average length of haul (Rev.Fr.) Miles	391.9	408.7
Average passenger journey Miles	83.9	83.3
Average tons per loaded freight car mile	24.9	26.4
Average freight receipt per revenue ton mile	1.009¢	.975¢
Average passenger receipt per passenger per mile	2.577¢	2.740¢
Ratio of pay roll to operating revenues	63.1%	59.7%
Ratio of operating expenses to revenues	88.33%	88.46%
# - Contains a proportion of mixed train miles.		

CANADIAN NATIONAL SYSTEM
(Steam Lines in Canada & United States)
For the Month of May, 1932

OPERATING REVENUES

	1932	1931
Canadian Lines	\$9,906,749.00	\$12,844,056.00
Duluth, Winnipeg and Pacific	70,100.00	91,048.00
Grand Trunk Western	1,153,702.00	1,929,918.00
New England Lines	77,618.00	97,810.00
Central Vermont Railway	478,185.00	641,795.00
Total	<u>11,686,354.00</u>	<u>15,604,627.00</u>

OPERATING EXPENSES

Canadian Lines	\$9,128,475.44	\$12,439,726.24
Duluth, Winnipeg and Pacific	89,142.59	136,285.63
Grand Trunk Western	1,165,362.82	1,817,041.23
New England Lines	120,849.16	142,855.64
Central Vermont Railway	450,729.50	628,029.22
Total	<u>10,954,559.51</u>	<u>15,163,937.96</u>

NET OPERATING REVENUE

Canadian Lines	\$778,273.56	\$404,329.76
Duluth, Winnipeg and Pacific	Dr. 19,042.59	Dr. 45,237.63
Grand Trunk Western	Dr. 11,660.82	112,876.77
New England Lines	Dr. 43,231.16	Dr. 45,045.64
Central Vermont Railway	27,455.50	13,765.78
Total	<u>731,794.49</u>	<u>440,689.04</u>

OPERATING INCOME

Canadian Lines	\$595,702.94	\$241,423.16
Duluth, Winnipeg and Pacific	Dr. 4,571.31	Dr. 36,950.55
Grand Trunk Western	Dr. 183,003.53	Dr. 152,569.31
New England Lines	Dr. 95,953.40	Dr. 98,018.49
Central Vermont Railway	Dr. 1,426.26	7,908.61
Total	<u>310,748.44</u>	<u>Dr. 38,206.58</u>

S U M M A R Y

For Five Months ended May 31st

ALL RAILWAYS

Operating revenues	\$116,691,956.48	\$146,282,443.21
Operating expenses	108,824,016.12	137,986,857.35
Net operating revenues	7,867,940.36	8,295,585.86
Operating income	3,428,343.03	3,732,538.98

CANADIAN NATIONAL RAILWAYS

Operating revenues - Canadian Lines	\$48,206,328.00	\$59,615,120.55
# United States Lines	9,544,414.00	13,424,275.45
Total	<u>57,750,742.00</u>	<u>73,039,396.00</u>
Operating expenses - Canadian Lines	47,283,493.81	59,396,079.27
# United States Lines	9,286,429.90	12,209,276.17
Total	<u>56,569,923.71</u>	<u>71,605,355.44</u>
Net operating revenues - Canadian Lines	922,834.19	219,041.28
# United States Lines	257,984.10	1,214,999.28
Total	<u>1,180,818.29</u>	<u>1,434,040.56</u>
Operating income - Canadian Lines	73,586.49	Dr. 575,670.90
# United States Lines	Dr. 1,123,747.95	Dr. 607,142.46
Total	<u>Dr. 1,050,161.46</u>	<u>Dr. 1,182,813.36</u>

CANADIAN NATIONAL RAILWAYS - EASTERN LINES

Operating revenues	\$8,624,036.00	\$10,792,359.00
Operating expenses	9,920,399.48	13,320,584.19
Net operating revenues	Dr. 1,296,363.48	Dr. 2,528,225.19
Operating income	Dr. 1,824,270.66	Dr. 2,963,922.79

CANADIAN PACIFIC RAILWAY

Operating revenues	\$47,413,074.21	\$59,488,447.89
Operating expenses	42,114,301.29	52,974,167.35
Net operating revenues	5,298,772.92	6,514,280.54
Operating income	3,673,263.03	4,886,535.56

- Including Central Vermont Railway.

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