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CANADA
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
DECEMBER
1932

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Minister of Trade and Commerce

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THE UNIVERSITY OF CHICAGO

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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 DECEMBER, 1932

Canadian railway gross operating revenues for December amounted to \$21,902,249 as against \$27,583,295 in 1931. Operating expenses were reduced from \$23,771,071 in 1931 to \$19,433,631, and the net operating revenue from \$3,812,223 to \$2,468,618. Freight traffic declined by 7.3 per cent and passenger traffic by 6.9 per cent. The pay roll was cut from \$16,174,149 to \$13,081,882, or by 19.1 per cent, for a reduction in the number of employees of 19,227, or 14.7 per cent.

EASTERN LINES - CANADIAN NATIONAL RAILWAYS: Due largely to a heavy movement of export grain, revenue ton miles for December showed an increase of 28.4 per cent over December, 1931, traffic but, on account of lower average rates, the revenue decreased by 5.8 per cent and total revenues amounting to \$1,655,013 decreased by \$214,744, or 11.5 per cent. Operating expenses were reduced from \$2,127,237 to \$1,666,490, or by \$460,747, or 21.7 per cent, which produced an operating income of \$175,024 as against a loss of \$536,130 in December, 1931.

CANADIAN NATIONAL RAILWAYS- (Canadian Lines exclusive of Eastern Lines): Gross revenues were reduced from \$11,541,773 for December, 1931, to \$8,646,297 and operating expenses were reduced from \$11,341,859 to \$8,922,468, resulting in an operating income debit of \$703,329, as against a credit of \$286,760 in 1931. Freight traffic was lighter than in 1931 by 16.6 per cent but passenger miles increased by 9.6 per cent although passenger revenues were down 8.3 per cent.

The lines in the United States, with the exception of the Duluth Winnipeg and Pacific, showed improvements in the operating income, but the loss on the Canadian lines more than offset these and the system operating income showed a loss of \$761,920, compared with a loss of \$56,379 in December, 1931.

CANADIAN PACIFIC RAILWAY: With a decrease in gross revenues from \$11,525,571 to \$9,483,147 and a reduction in operating expenses of only \$805,586, net operating revenues were reduced from \$3,628,630 for December, 1931, to \$2,391,792 for December, 1932, and the operating income was reduced from \$3,590,562 to \$2,310,749. Although the tons of freight carried decreased by 11.8 per cent, the revenue ton miles showed practically no change and the average freight revenue per ton mile dropped from 1.027 cents to .846 cent.

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

	1932	1931
<u>OPERATING REVENUES</u>		
Freight	\$15,070,044.36	\$19,284,508.51
Passenger	3,207,545.84	3,747,581.30
Mail	688,621.73	715,087.80
Express	1,076,800.49	1,446,089.63
Other freight train	4,365.50	3,940.77
Other passenger train	268,819.58	352,730.07
Water line	40,340.29	52,110.24
All other	1,545,711.42	1,981,247.01
Total railway operating revenues	21,902,249.21	27,583,295.33
<u>OPERATING EXPENSES</u>		
Maintenance of way and structures	\$3,172,877.29	\$4,350,984.82
Maintenance of equipment	3,734,823.09	4,940,686.55
Traffic	1,049,752.90	1,380,820.97
Transportation	10,439,468.30	12,084,793.82
Miscellaneous operations	212,574.58	284,984.35
General	886,800.84	1,018,201.06
Trans. for investment	Cr. 62,665.88	Cr. 289,399.81
Total railway operating expenses	19,433,631.12	23,771,071.76
<u>OPERATING INCOME</u>		
Net operating revenue	\$2,468,618.09	\$3,812,223.57
Railway tax accruals	644,849.00	758,918.72
Uncollectable revenues	6,519.67	4,012.18
Hire of equipment	Dr. 165,118.49	Cr. 39,590.14
Joint facilities rents	Cr. 251,935.57	Cr. 233,650.68
Operating income	1,904,066.50	3,322,533.49
<u>OPERATING STATISTICS</u>		
Average miles of road operated	42,349.47	42,103.18
No. of tons carried (Rev.Fr.)	4,995,854	5,899,878
No. of tons carried one mile " "	1,740,345,489	1,877,680,263
No. of tons carried one mile (All Fr.)	1,900,024,060	2,071,053,100
Gross ton miles, excl. of locomotive & tender	4,406,258,770	4,835,799,245
No. of revenue passengers carried	1,699,681	1,934,901
No. of revenue passengers carried one mile	129,944,986	139,543,300
# Freight train miles	3,610,161	3,891,104
# Passenger train miles	3,111,473	3,274,619
Total train miles (Rev. & Non Rev.)	6,762,496	7,136,624
Freight car miles - loaded	72,678,177	83,766,414
Freight car miles - empty	38,806,166	40,395,955
Passenger train car miles	21,888,084	24,408,293
Total amount of pay roll	\$13,081,882.00	\$16,174,149.45
Number of employees	111,852	131,079
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>		
Operating revenue	\$16.68	\$21.13
Operating expenses	\$14.80	\$18.21
No. of tons moved one mile (Rev.Fr.)	1,326	1,439
No. of tons moved one mile (All Fr.)	1,447	1,587
No. of rev. passengers carried one mile	99	107
# <u>AVERAGES PER FREIGHT TRAIN MILE</u>		
Freight revenue	\$4.18	\$4.96
No. of tons of freight (Rev.Fr.)	482.1	482.6
No. of tons of freight (All Fr.)	526.4	532.3
Gross ton miles	1220.5	1242.8
Loaded freight cars	20.1	21.5
Empty freight cars	10.7	10.4
# <u>AVERAGES PER PASSENGER TRAIN MILE</u>		
Passenger train revenues	\$1.68	\$1.91
Passengers carried	41.8	42.6
Passenger cars	7.0	7.5
Average operating expenses per train mile	\$2.87	\$3.33
Average length of haul (Rev.Fr.) Miles	348.4	318.3
Average passenger journey Miles	76.5	72.1
Average tons per loaded freight car mile	26.1	24.7
Average freight receipt per revenue ton mile	.866¢	1.027¢
Average passenger receipt per passenger per mile	2.468¢	2.686¢
Ratio of pay roll to operating revenues	59.7%	58.6%
Ratio of operating expenses to revenues	88.73%	86.18%
# - Contains a proportion of mixed train miles.		

OPERATING REVENUES, EXPENSES & STATISTICS

EASTERN LINES

CANADIAN NATIONAL RAILWAYS

For the Month of December, 1932

1932

1931

OPERATING REVENUES

Freight xx	\$1,120,324.02	\$1,241,115.00
Passenger	259,744.59	286,355.00
Mail	72,943.00	79,895.00
Express	109,222.78	142,255.00
Other freight train		
Other passenger train	23,045.95	28,612.55
Water line		
All other	69,733.44	91,525.45
Total railway operating revenues	1,655,013.78	1,869,758.00

OPERATING EXPENSES

Maintenance of way and structures	\$320,835.90	\$431,912.47
Maintenance of equipment	147,746.03	332,053.90
Traffic	79,707.77	122,572.33
Transportation	981,288.01	1,088,126.84
Miscellaneous operations	16,610.52	24,753.61
General	124,756.23	134,500.39
Trans. for investment	Cr. 4,453.93	Cr. 6,681.75
Total railway operating expenses	1,666,490.53	2,127,237.79

OPERATING INCOME

Net operating revenue	Dr. \$11,476.75	Dr. \$257,479.79
Railway tax accruals	22,777.75	28,373.08
Uncollectable revenues	199.47	372.60
Hire of equipment	Cr. 209,545.85	Dr. 250,160.08
Joint facilities rents	Dr. 67.53	Cr. 255.47
Operating income	175,024.35	Dr. 536,130.08

OPERATING STATISTICS

Average miles of road operated	3,338.94	3,342.37
No. of tons carried (Rev.Fr.)	358,434	391,500
No. of tons carried one mile " "	157,205,458	122,448,519
No. of tons carried one mile (All Fr.)	165,846,648	131,522,415
Gross ton miles, excl. of locomotive & tender	364,185,491	309,158,710
No. of revenue passengers carried	208,562	208,090
No. of revenue passengers carried one mile	11,383,848	11,909,307
# Freight train miles	305,647	288,725
# Passenger train miles	259,261	295,563
Total train miles (Rev. & Non Rev.)	566,882	594,242
Freight car miles - loaded	6,153,623	5,909,404
Freight car miles - empty	2,605,613	1,899,119
Passenger train car miles	1,758,741	1,989,592
Total amount of pay roll	\$1,105,564	\$1,291,021
Number of employees	10,360	11,672

DAILY AVERAGES PER MILE OF ROAD OPERATED

Operating revenue	\$15.99	\$18.05
Operating expenses	\$16.10	\$20.53
No. of tons moved one mile (Rev.Fr.)	1,519	1,182
No. of tons moved one mile (All Fr.)	1,602	1,269
No. of rev. passengers carried one mile	110	115

#AVERAGES PER FREIGHT TRAIN MILE

Freight revenue	\$3.67	\$4.30
No. of tons of freight (Rev.Fr.)	514.3	424.1
No. of tons of freight (All Fr.)	542.6	455.5
Gross ton miles	1191.5	1070.8
Loaded freight cars	20.1	20.5
Empty freight cars	8.5	6.6

#AVERAGES PER PASSENGER TRAIN MILE

Passenger train revenues	\$1.79	\$1.82
Passengers carried	43.9	40.3
Passenger cars	6.8	6.7
Average operating expenses per train mile	\$2.94	\$3.58
Average length of haul (Rev.Fr.) Miles	438.6	312.8
Average passenger journey Miles	54.6	57.2
Average tons per loaded freight car mile	27.0	22.3
Average freight receipt per revenue ton mile	.713¢	1.014¢
Average passenger receipt per passenger per mile	2.282¢	2.404¢
Ratio of pay roll to operating revenues	66.8%	69.0%
Ratio of operating expenses to revenues	100.69%	113.77%
xx - Including account of Maritime Freight Rates Act	\$117,839.87	\$177,000.00
* - Contains a proportion of mixed train miles.		

OPERATING REVENUES, EXPENSES & STATISTICS

CANADIAN NATIONAL RAILWAYS

For the Month of December, 1932

	1932	1931
<u>OPERATING REVENUES</u>		
Freight	\$5,974,809.88	\$8,380,948.00
Passenger	1,262,148.53	1,383,704.00
Mail	205,007.20	209,531.37
Express	626,563.66	809,917.53
Other freight train	100.00	60.00
Other passenger train	78,799.81	106,896.60
Water line		
All other	498,868.59	650,715.50
Total railway operating revenues	8,646,297.67	11,541,773.00
<u>OPERATING EXPENSES</u>		
Maintenance of way and structures	\$1,466,753.30	\$2,132,871.82
Maintenance of equipment	2,095,386.47	3,017,609.10
Traffic	364,015.83	343,919.68
Transportation	4,568,701.66	5,343,653.82
Miscellaneous operations	62,037.12	77,562.57
General	382,640.01	475,387.54
Trans. for investment	Cr. 17,065.79	Cr. 49,145.22
Total railway operating expenses	8,922,468.60	11,341,859.31
<u>OPERATING INCOME</u>		
Net operating revenue	Dr. \$276,170.93	\$199,913.69
Railway tax accruals	298,393.44	392,897.15
Uncollectable revenues	4,441.07	3,365.55
Hire of equipment	Dr. 218,631.65	Cr. 390,527.32
Joint facilities rents	Cr. 94,307.57	Cr. 92,532.50
Operating income	Dr. 703,329.52	286,760.81
<u>OPERATING STATISTICS</u>		
Average miles of road operated	18,606.01	18,714.07
No. of tons carried (Rev.Fr.)	1,874,890	2,280,318
No. of tons carried one mile " "	694,690,544	833,062,404
No. of tons carried one mile (All Fr.)	778,089,724	907,542,524
Gross ton miles, excl. of locomotive & tender	1,774,988,580	2,048,522,189
No. of revenue passengers carried	674,821	749,231
No. of revenue passengers carried one mile	52,488,341	47,878,465
# Freight train miles	1,437,482	1,571,596
# Passenger train miles	1,179,279	1,174,121
Total train miles (Rev. & Non Rev.)	2,639,036	2,777,487
Freight car miles - loaded	29,368,514	35,737,179
Freight car miles - empty	15,630,933	16,582,523
Passenger train car miles	8,432,716	8,734,897
Total amount of pay roll	6,180,789	7,719,440
Number of employees	53,473	63,314
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>		
Operating revenue	\$14.99	\$19.89
Operating expenses	\$15.47	\$19.55
No. of tons moved one mile (Rev.Fr.)	1,204	1,436
No. of tons moved one mile (All Fr.)	1,349	1,564
No. of rev. passengers carried one mile	91	83
<u>#AVERAGES PER FREIGHT TRAIN MILE</u>		
Freight revenue	\$4.16	\$5.33
No. of tons of freight (Rev.Fr.)	483.3	530.1
No. of tons of freight (All Fr.)	541.3	577.5
Gross ton miles	1234.8	1303.5
Loaded freight cars	20.4	22.7
Empty freight cars	10.9	10.6
<u>#AVERAGES PER PASSENGER TRAIN MILE</u>		
Passenger train revenues	\$1.84	\$2.14
Passengers carried	44.5	40.8
Passenger cars	7.2	7.4
Average operating expenses per train mile	\$3.38	\$4.08
Average length of haul (Rev.Fr.) Miles	370.5	365.3
Average passenger journey Miles	77.8	63.9
Average tons per loaded freight car mile	26.5	25.4
Average freight receipt per revenue ton mile	.860¢	1.006¢
Average passenger receipt per passenger per mile	2.405¢	2.890¢
Ratio of pay roll to operating revenues	71.5%	66.9%
Ratio of operating expenses to revenues	103.19%	98.27%

- Contains a proportion of mixed train miles.

OPERATING REVENUES, EXPENSES & STATISTICS

CANADIAN PACIFIC RAILWAY

For the Month of December, 1932

1932

1931

OPERATING REVENUES		
Freight	\$6,370,653.82	\$7,733,092.63
Passenger	1,365,692.28	1,635,662.12
Mail	366,896.30	380,879.07
Express	281,514.71	389,517.31
Other freight train	3,496.38	3,710.00
Other passenger train	159,352.29	207,077.35
Water line	40,340.29	52,110.24
All other	895,201.05	1,123,522.39
Total railway operating revenues	9,483,147.12	11,525,571.11
OPERATING EXPENSES		
Maintenance of way and structures	\$1,254,524.89	\$1,404,876.22
Maintenance of equipment	871,760.87	839,993.60
Traffic	544,450.43	836,663.07
Transportation	4,099,774.50	4,633,273.25
Miscellaneous operations	100,621.28	135,066.31
General	261,160.72	275,113.65
Trans. for investment	Cr. 40,938.27	Cr. 228,045.18
Total railway operating expenses	7,091,354.42	7,896,940.92
OPERATING INCOME		
Net operating revenue	\$2,391,792.70	\$3,628,630.19
Railway tax accruals	298,134.11	263,724.15
Uncollectable revenues	962.16	...
Hire of equipment	Cr. 16,070.50	Cr. 60,027.76
Joint facilities rents	Cr. 201,982.29	Cr. 165,628.51
Operating income	2,310,749.22	3,590,562.31
OPERATING STATISTICS		
Average miles of road operated	17,044.7	16,772.6
No. of tons carried (Rev.Fr.)	1,674,355	1,898,701
No. of tons carried one mile " "	753,048.023	753,404,942
No. of tons carried one mile (All Fr.)	816,108,635	858,131,711
Gross ton miles, excl. of locomotive & tender	1,806,430,582	1,942,876,638
No. of revenue passengers carried	657,412	769,985
No. of revenue passengers carried one mile	53,905,800	63,768,481
# Freight train miles	1,521,741	1,647,765
# Passenger train miles	1,429,301	1,600,799
Total train miles (Rev. & Non Rev.)	2,965,639	3,275,752
Freight car miles - loaded	28,877,373	32,784,507
Freight car miles - empty	15,481,731	16,033,375
Passenger train car miles	9,576,064	11,094,011
Total amount of pay roll	\$5,063,128.02	\$6,207,317.98
Number of employees	41,723	48,916
DAILY AVERAGES PER MILE OF ROAD OPERATED		
Operating revenue	\$17.95	\$22.17
Operating expenses	\$13.42	\$15.19
No. of tons moved one mile (Rev.Fr.)	1,425	1,449
No. of tons moved one mile (All Fr.)	1,545	1,650
No. of rev. passengers carried one mile	102	123
#AVERAGES PER FREIGHT TRAIN MILE		
Freight revenue	\$4.19	\$4.70
No. of tons of freight (Rev.Fr.)	494.9	457.2
No. of tons of freight (All Fr.)	536.3	520.8
Gross ton miles	1187.1	1179.1
Loaded freight cars	19.0	19.9
Empty freight cars	10.2	9.7
#AVERAGES PER PASSENGER TRAIN MILE		
Passenger train revenues	\$1.52	\$1.63
Passengers carried	37.7	39.8
Passenger cars	6.7	6.9
Average operating expenses per train mile	\$2.39	\$2.41
Average length of haul (Rev.Fr.) Miles	449.8	396.8
Average passenger journey Miles	82.0	82.8
Average tons per loaded freight car mile	28.3	26.2
Average freight receipt per revenue ton mile	.846¢	1.027¢
Average passenger receipt per passenger per mile	2.533¢	2.565¢
Ratio of pay roll to operating revenues	53.4%	53.9%
Ratio of operating expenses to revenues	74.78%	68.52%

- Contains a proportion of mixed train miles.

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CANADIAN NATIONAL SYSTEM
(Steam Lines in Canada and United States)

For the Month of December, 1932

OPERATING REVENUES

	<u>1932</u>	<u>1931</u>
Canadian Lines	\$8,646,297.67	\$11,541,773.00
Duluth, Winnipeg and Pacific	54,350.00	56,429.00
Grand Trunk Western	1,111,122.00	1,316,236.00
New England Lines	72,559.00	83,459.00
Central Vermont Railway	<u>374,339.00</u>	<u>413,267.00</u>
Total	<u>10,258,667.67</u>	<u>13,411,164.00</u>

OPERATING EXPENSES

Canadian Lines	\$8,922,468.60	\$11,341,859.31
Duluth, Winnipeg and Pacific	81,753.75	64,627.70
Grand Trunk Western	981,738.16	1,375,271.96
New England Lines	96,134.62	161,194.55
Central Vermont Railway	<u>300,817.68</u>	<u>374,480.65</u>
Total	<u>10,382,912.81</u>	<u>13,317,434.17</u>

NET OPERATING REVENUE

Canadian Lines	Dr. \$276,170.93	\$199,913.69
Duluth, Winnipeg and Pacific	Dr. 27,403.75	Dr. 8,198.70
Grand Trunk Western	129,383.84	Dr. 59,035.96
New England Lines	Dr. 23,575.62	Dr. 77,735.55
Central Vermont Railway	<u>73,521.32</u>	<u>38,786.35</u>
Total	Dr. <u>124,245.14</u>	<u>93,729.83</u>

OPERATING INCOME

Canadian Lines	Dr. \$703,329.52	\$286,760.81
Duluth, Winnipeg and Pacific	Dr. 9,358.33	1,679.12
Grand Trunk Western	Dr. 40,106.49	Dr. 245,142.29
New England Lines	Dr. 72,267.16	Dr. 137,251.50
Central Vermont Railway	<u>63,141.04</u>	<u>37,573.97</u>
Total	Dr. <u>761,920.46</u>	Dr. <u>56,379.89</u>

