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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

1933

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

Minister of Trade and Commerce

+ + +

OTTAWA

1933



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 AND STATISTICS.

STEAM RAILWAYS OF CANADA

WITH ANNUAL OPERATING REVENUES OF \$500,000

FOR THE MONTH OF APRIL, 1933

Gross revenues of Canadian railways for April amounted to \$19,529,706 as compared with \$23,850,691 in 1932. This was a reduction of \$4,320,984, or 18.1 per cent. Operating expenses were reduced from \$21,052,347 to \$18,071,789 and the operating income was reduced from \$1,931,848 to \$351,088. Passengers carried one mile decreased 7.1 per cent, but, due to lower rates, the passenger revenue decreased by 15.0 per cent. Passenger train miles decreased 11.5 per cent and passenger car miles, 13.5 per cent. The pay roll was reduced by \$2,320,513, or 16.2 per cent, and the number of employees by 16,446, or 13.4 per cent.

For the four months, January - April, gross revenues were reduced from \$93,289,319 in 1932 to \$74,572,450 in 1933 and the operating income from a credit of \$2,232,666 to a debit of \$5,014,547.

CANADIAN NATIONAL RAILWAYS: April 1933 was the first April since 1922 that the Canadian National lines in Canada failed to earn operating expenses and the deficit was \$91,489 compared with a credit of \$722,663 in 1932. Gross revenues were reduced from \$11,658,163 to \$9,505,178, or by 18.5 per cent, and operating expenses were cut by \$1,338,831, or 12.2 per cent. Maintenance of way and structures was reduced by \$102,200 or 5.3 per cent, maintenance of equipment by \$179,885, or 7.7 per cent, and transportation expenses by \$882,075, or 15.9 per cent.

All the United States lines showed smaller net revenues and the Grand Trunk Western was the only division to earn operating expenses. For the entire system the operating income was reduced from a credit of \$249,189 in 1932 to a loss of \$831,660 in 1933.

For January - April gross revenues were reduced from \$53,185,255 in 1932 to \$41,688,433 in 1933 and the operating income debit was increased from \$2,774,144 in 1932 to \$6,554,931 in 1933.

CANADIAN PACIFIC RAILWAY: Gross revenues for April amounted to \$7,905,497, or \$1,586,373 less than in 1932. Operating expenses were cut from \$8,237,054 to \$7,017,656 and the operating income was reduced from \$918,483 to \$538,465. Freight traffic was lighter than in 1932 by 8.1 per cent, but passenger traffic as measured in passenger miles was down by only 2.3 per cent. Passenger revenues, however, were reduced by 13.2 per cent. The pay roll was cut by \$1,070,695, or 18.4 per cent, for a reduction in the staff of 7,587 employees or 15.4 per cent.

For January - April gross revenues amounted to \$31,459,101 in 1933 and \$37,875,701 in 1932 and the operating income amounted to \$1,835,944 in 1933 and \$2,935,898 in 1932.



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OPERATING REVENUES, EXPENSES AND STATISTICS
SEASIDE RAILWAYS OF CANADA
 WITH ANNUAL OPERATING REVENUES OF \$500,000
 For the Month of April, 1933

	1933	1932
OPERATING REVENUES		
Freight	\$14,412,721.13	\$17,862,103.68
Passenger	2,512,610.89	2,957,626.94
Mail	532,883.43	580,098.05
Express	899,045.77	1,096,545.32
Other freight train	3,367.12	3,476.24
Other passenger train	276,083.95	350,673.41
Water line	18,605.95	28,405.67
All other	874,388.62	971,761.76
Total railway operating revenues	19,529,706.86	23,850,691.07
OPERATING EXPENSES		
Maintenance of way and structures	\$3,365,544.99	\$3,794,553.77
Maintenance of equipment	3,830,514.07	4,343,334.10
Traffic	980,618.62	1,141,882.01
Transportation	8,856,572.22	10,543,063.54
Miscellaneous operations	170,895.01	239,735.03
General	871,547.55	1,045,958.56
Trans. for investment	3,902.83	56,179.87
Total railway operating expenses	18,071,789.63	21,052,347.14
OPERATING INCOME		
Net operating revenue	\$1,457,917.23	\$2,798,343.93
Railway tax accruals	881,351.91	677,055.71
Uncollectable revenues	2,797.88	6,261.00
Hire of equipment	Dr. 152,066.16	Dr. 108,010.02
Joint facilities rents	Dr. 70,612.56	Dr. 75,168.87
Operating income	351,088.72	1,931,848.33
OPERATING STATISTICS		
Average miles of road operated	42,343.92	42,141.49
No. of tons carried (Rev. Fr.)	4,090,670	5,471,640
No. of tons carried one mile " "	1,412,893.410	1,653,428.992
No. of tons carried one mile (All Fr.)	1,571,410.213	1,829,884.458
Gross ton miles, excl. of locomotive & tender	3,842,863.952	4,381,288.215
No. of revenue passengers carried	1,598,507	1,759,968
No. of revenue passengers carried one mile	104,528.780	112,517.546
# Freight train miles	2,922,547	3,455,899
# Passenger train miles	2,810,367	3,177,137
Total train miles (Rev. & Non Rev.)	5,787,891	6,713,514
Freight car miles - loaded	68,450,422	79,225,533
Freight car miles - empty	31,865,541	36,976,300
Passenger train car miles	19,066,108	22,031,309
Total amount of pay roll	\$12,021,993.63	\$14,342,507.51
Number of employees	106,395	122,841
DAILY AVERAGES PER MILE OF ROAD OPERATED		
Operating revenue	\$15.37	\$18.87
Operating expenses	\$14.23	\$16.65
No. of tons moved one mile (Rev. Fr.)	1,112	1,308
No. of tons moved one mile (All Fr.)	1,237	1,447
No. of revenue passengers carried one mile	82	89
# AVERAGES PER FREIGHT TRAIN MILE		
Freight revenue	\$4.93	\$5.17
No. of tons of freight (Rev. Fr.)	483.4	478.4
No. of tons of freight (All Fr.)	537.7	529.5
Gross ton miles	1314.9	1267.8
Loaded freight cars	23.4	22.9
Empty freight cars	10.9	10.7
# AVERAGES PER PASSENGER TRAIN MILE		
Passenger train revenues	\$1.50	\$1.57
Passengers carried	37.2	35.4
Passenger cars	6.8	6.9
Average operating expenses per train mile	\$3.12	\$3.14
Average length of haul (Rev. Fr.) Miles	345.4	302.2
Average passenger journey Miles	65.4	63.9
Average tons per loaded freight car mile	23.0	23.1
Average freight receipt per revenue ton mile	1.020¢	1.081¢
Average passenger receipt per passenger per mile	2.404¢	2.629¢
Ratio of pay roll to operating revenues	61.6%	60.1%
Ratio of operating expenses to revenues	92.53%	88.27%

- Contains a proportion of mixed train miles.

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OPERATING REVENUES, EXPENSES AND STATISTICSCANADIAN NATIONAL RAILWAYS

For the Month of April, 1933.

	1933	1932
<u>OPERATING REVENUES</u>		
Freight	\$6,898,830.00	\$8,613,902.00
Passenger	1,108,035.00	1,283,118.00
Mail	213,253.37	240,255.33
Express	626,434.60	756,937.01
Other freight train		
Other passenger train	99,434.69	129,539.30
Water line		
All other	559,190.34	634,411.36
Total railway operating revenues	9,505,178.00	11,658,163.00
<u>OPERATING EXPENSES</u>		
Maintenance of way and structures	\$1,815,746.91	\$1,917,947.64
Maintenance of equipment	2,167,437.08	2,347,322.44
Traffic	371,914.39	420,821.59
Transportation	4,675,734.50	5,557,809.89
Miscellaneous operations	69,322.65	79,452.01
General	499,419.11	621,957.00
Trans. for investment	Cr. 2,907.37	Cr. 9,811.40
Total railway operating expenses	9,596,667.27	10,935,499.17
<u>OPERATING INCOME</u>		
Net operating revenue	Dr. \$91,489.27	Cr. \$722,663.83
Railway tax accruals	458,550.83	300,885.95
Uncollectable revenues	1,963.48	6,118.53
Hire of equipment	Cr. 4,682.09	Cr. 58,360.99
Joint facilities rents	Dr. 15,176.32	Dr. 17,058.37
Operating income	Dr. 562,497.81	Cr. 456,961.97
<u>OPERATING STATISTICS</u>		
Average miles of road operated	21,939.42	22,056.25
No. of tons carried (Rev.Fr.)	1,724,144	2,442,582
No. of tons carried one mile " "	665,985,516	822,394,296
No. of tons carried one mile (All Fr.)	754,400,136	905,723,511
Gross ton miles, excl. of locomotive & tender	1,791,661,262	2,137,752,480
No. of revenue passengers carried	830,872	880,557
No. of revenue passengers carried one mile	46,555,266	51,022,892
# Freight train miles	1,362,914	1,609,084
# Passenger train miles	1,302,177	1,402,118
Total train miles (Rev. & Non Rev.)	2,694,405	3,051,946
Freight car miles - loaded	32,212,849	38,268,656
Freight car miles - empty	14,185,663	17,920,786
Passenger train car miles	8,877,724	9,630,311
Total amount of pay roll	\$6,590,750	\$7,611,526
Number of employees	58,557	65,884
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>		
Operating revenue	\$14.44	\$17.62
Operating expenses	\$14.58	\$16.53
No. of tons moved one mile (Rev.Fr.)	1,012	1,243
No. of tons moved one mile (All Fr.)	1,146	1,369
No. of rev. passengers carried one mile	71	77
<u>#AVERAGES PER FREIGHT TRAIN MILE</u>		
Freight revenue	\$5.06	\$5.35
No. of tons of freight (Rev.Fr.)	488.6	511.1
No. of tons of freight (All Fr.)	553.5	562.9
Gross ton miles	1314.6	1328.6
Loaded freight cars	23.6	23.8
Empty freight cars	10.4	11.1
<u>#AVERAGES PER PASSENGER TRAIN MILE</u>		
Passenger train revenues	\$1.57	\$1.72
Passengers carried	35.8	36.4
Passenger cars	6.8	6.9
Average operating expenses per train mile	\$3.56	\$3.58
Average length of haul (Rev.Fr.) Miles	386.3	336.7
Average passenger journey Miles	56.0	57.9
Average tons per loaded freight car mile	23.4	23.7
Average freight receipt per revenue ton mile	1.036¢	1.047¢
Average passenger receipt per passenger per mile	2.380¢	2.515¢
Ratio of pay roll to operating revenues	69.3%	65.3%
Ratio of operating expenses to revenues	100.96%	93.80%
# - Contains a proportion of mixed train miles.		

OPERATING REVENUES, EXPENSES AND STATISTICS
CANADIAN PACIFIC RAILWAY
For the Month of April, 1933

	1933	1932
<u>OPERATING REVENUES</u>		
Freight	\$5,831,732.72	\$7,111,893.84
Passenger	1,165,207.40	1,343,119.28
Mail	284,872.56	302,299.48
Express	208,253.87	260,873.47
Other freight train	2,961.84	3,437.76
Other passenger train	167,759.34	208,021.68
Water line	8,287.25	13,133.22
All other	236,482.29	249,592.49
Total railway operating revenues	7,905,497.27	9,492,371.22
<u>OPERATING EXPENSES</u>		
Maintenance of way and structures	\$1,343,786.26	\$1,553,102.23
Maintenance of equipment	1,311,924.64	1,522,928.33
Traffic	546,473.77	648,737.74
Transportation	3,474,602.29	4,136,245.90
Miscellaneous operations	76,859.65	126,869.91
General	264,839.34	293,339.75
Trans. for investment	Cr. 829.54	Cr. 44,169.62
Total railway operating expenses	7,017,656.41	8,237,054.24
<u>OPERATING INCOME</u>		
Net operating revenue	\$887,840.86	\$1,255,316.98
Railway tax accruals	365,262.16	355,568.85
Uncollectable revenues	489.01	...
Hire of equipment	Cr. 15,751.96	Cr. 16,998.44
Joint facilities rents	Cr. 623.58	Cr. 1,736.48
Operating income	538,465.23	918,483.05
<u>OPERATING STATISTICS</u>		
Average miles of road operated	17,044.7	16,811.1
No. of tons carried (Rev. Fr.)	1,353,788	1,741,960
No. of tons carried one mile " "	608,628.084	662,565.863
No. of tons carried one mile (All Fr.)	675,584.851	751,432.196
Gross ton miles, excl. of locomotive & tender	1,535,672.728	1,700,315.909
No. of revenue passengers carried	627,093	701,055
No. of revenue passengers carried one mile	48,939.131	50,103.051
# Freight train miles	1,202,526	1,462,724
# Passenger train miles	1,309,271	1,508,886
Total train miles, (Rev. & Non Rev.)	2,531,168	3,004,253
Freight car miles - loaded	26,948,673	31,144,550
Freight car miles - empty	11,868,090	12,851,690
Passenger train car miles	8,402,966	10,120,374
Total amount of pay roll	\$4,746,071.04	\$5,816,766.62
Number of employees	41,830	49,417
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>		
Operating revenue	\$15.46	\$18.82
Operating expenses	\$13.72	\$16.33
No. of tons moved one mile (Rev. Fr.)	1,190	1,314
No. of tons moved one mile (All Fr.)	1,321	1,490
No. of rev. passengers carried one mile	96	99
<u># AVERAGES PER FREIGHT TRAIN MILE</u>		
Freight revenue	\$4.85	\$4.86
No. of tons of freight (Rev. Fr.)	506.1	453.0
No. of tons of freight (All Fr.)	561.8	513.7
Gross ton miles	1277.0	1162.4
Loaded freight cars	22.4	21.3
Empty freight cars	9.9	8.8
<u># AVERAGES PER PASSENGER TRAIN MILE</u>		
Passenger train revenues	\$1.39	\$1.40
Passengers carried	37.4	33.2
Passenger cars	6.4	6.7
Average operating expenses per train mile	\$2.77	\$2.74
Average length of haul (Rev. Fr.) Miles	449.6	380.4
Average passenger journey Miles	78.0	71.5
Average tons per loaded freight car mile	25.1	24.1
Average freight receipt per revenue ton mile	.959¢	1.074¢
Average passenger receipt per passenger per mile	2.381¢	2.681¢
Ratio of pay roll to operating revenues	60.0%	61.3%
Ratio of operating expenses to revenues	88.77%	86.78%
# - Contains a proportion of mixed train miles.		

UNITED STATES DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION
WASHINGTON, D. C. 20535

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

For the Month of April, 1933

OPERATING REVENUES

	<u>1933</u>	<u>1932</u>
Canadian Lines	\$9,505,178.00	\$11,658,163.00
Duluth, Winnipeg and Pacific	54,119.00	70,324.00
Grand Trunk Western	1,132,860.00	1,246,127.00
New England Lines	62,658.00	118,596.00
Central Vermont	355,591.00	436,741.00
Total	<u>11,110,406.00</u>	<u>13,529,951.00</u>

OPERATING EXPENSES

Canadian Lines	\$9,596,667.27	\$10,935,499.17
Duluth, Winnipeg and Pacific	77,924.05	86,154.39
Grand Trunk Western	1,118,825.03	1,200,746.22
New England Lines	90,790.61	116,801.46
Central Vermont	361,038.20	407,772.89
Total	<u>11,245,245.16</u>	<u>12,746,974.13</u>

NET OPERATING REVENUE

Canadian Lines	Dr. \$91,489.27	\$722,663.83
Duluth, Winnipeg and Pacific	Dr. 23,805.05	Dr. 15,830.39
Grand Trunk Western	14,034.97	45,380.78
New England Lines	Dr. 28,132.61	1,794.54
Central Vermont	Dr. 5,447.20	28,968.11
Total	<u>Dr. 134,839.16</u>	<u>782,976.87</u>

OPERATING INCOME

Canadian Lines	Dr. \$562,497.81	\$456,961.97
Duluth, Winnipeg and Pacific	Dr. 9,122.86	Dr. 898.55
Grand Trunk Western	Dr. 151,638.88	Dr. 157,357.90
New England Lines	Dr. 80,530.37	Dr. 54,436.71
Central Vermont	Dr. 27,870.08	4,921.18
Total	<u>Dr. 831,660.00</u>	<u>249,169.99</u>

S U M M A R Y

For Four Months ended April 30th

ALL RAILWAYS

Operating revenues	\$74,572,450.44	\$93,289,319.33
Operating expenses	73,641,717.50	87,579,467.24
Net operating revenue	Cr. 930,732.94	Cr. 5,709,852.09
Operating income	Dr. 3,014,547.78	Cr. 2,232,666.44

CANADIAN NATIONAL RAILWAYS

Operating revenues - Canadian Lines	\$35,175,954.00	\$45,420,446.00
United States Lines	6,512,479.00	7,764,809.00
Total	<u>41,688,433.00</u>	<u>53,185,255.00</u>
Operating expenses - Canadian Lines	39,449,755.79	46,271,484.03
United States Lines	6,396,759.92	7,460,345.83
Total	<u>45,846,515.71</u>	<u>53,731,829.86</u>
Net operating revenues - Canadian Lines	Dr. 4,273,801.79	Dr. 851,038.03
United States Lines	115,719.08	304,463.17
Total	<u>Dr. 4,158,082.71</u>	<u>Dr. 546,574.86</u>
Operating income - Canadian Lines	Dr. 5,676,911.84	Dr. 1,935,350.78
United States Lines	Dr. 878,020.00	Dr. 838,793.45
Total	<u>Dr. 6,554,931.84</u>	<u>Dr. 2,774,144.23</u>

CANADIAN PACIFIC RAILWAY

Operating revenues	\$31,459,101.07	\$37,875,701.98
Operating expenses	28,223,196.12	33,689,714.92
Net operating revenue	3,235,904.95	4,185,987.06
Operating income	1,835,944.67	2,935,898.35



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