

32 003

Historical File Copy

PROPERTY OF THE LIBRARY

Rec'd JUL 11 1924

DOMINION BUREAU OF STATISTICS

C A N A D A
DOMINION BUREAU OF STATISTICS
TRANSPORTATION BRANCH

OPERATING REVENUES EXPENSES & STATISTICS
of
RAILWAYS

With Annual Operating Revenues of \$500,000

For

JULY

1924

+ + +

Published by Authority of the Hon. Thos. A. Low. M. P.,
Minister of Trade and Commerce.

+ + +

OTTAWA

1924

UNITED STATES DEPARTMENT OF THE INTERIOR

DOMINION BUREAU OF STATISTICS

TRANSPORTATION BRANCH

OTTAWA

Dominion Statistician, R.H. Coats, B.A., F.B.S., F.R.S.C.
Chief, Transportation Branch, G.S. Wong, B.Sc.

OPERATING REVENUES, EXPENSES & STATISTICS

STEAM RAILWAYS OF CANADA

WITH ANNUAL OPERATING REVENUES OF \$500,000.

For the Month of July, 1924

The railways as a whole showed a slight increase in the operating ratio: viz. from 89.03 per cent. for July, 1923 to 90.17 per cent. and a decrease in the net operating revenue of \$583,017. Both freight and passenger revenues were lighter; passenger traffic fell off 5 per cent. and freight traffic showed a slight increase but the average receipts per ton mile declined from 1.214 cents to 1.137 cents. The main factor in this was undoubtedly an increase in the movement of grain over July, 1923, grain being carried in the west at slightly over half a cent per ton mile. Also the full provisions of the Crows Nest Pass Agreement became effective July 7, 1924.

There was a slight increase in average expenses per train mile but the revenues per freight train were increased an equal amount, (5 cents) by heavier loading of both cars and trains. Revenue per passenger train mile was lower by 10 cents from lighter travel and a slightly lower average receipt per passenger mile.

The cumulative totals for the seven months, January - July show little change in operating expenses but revenues for 1924 are up \$2,417,247 and net operating revenues are greater by \$2,804,325.

CANADIAN NATIONAL RAILWAYS

Although freight traffic was heavier than in July, 1923 by 8.3 per cent., freight revenues fell off \$374,836, or 3.2 per cent. Passenger revenues also were less by \$99,050, or 2.7 per cent with a decrease of 1.8 in passenger traffic. Total revenues were down \$194,872, or 1.1 per cent. but operating expenses were heavier by \$253,113, or 1.5 per cent., making a reduction in the net operating revenues of \$447,985 and increasing the operating ratio from 95.62 to 98.14 per cent. The pay roll was cut \$608,468 or 5.1 per cent for a reduction of 4.5 per cent. or 4,623 in the number of employees.

The average train loading showed an increase of 36.9 net tons and 2.8 cars but revenues per freight train mile were only 2 cents heavier due to a decrease in the average receipts per ton per mile from 1.228 cents to 1.098 cents.

For the period, January - July, the Canadian lines showed an increase in net operating revenues of \$2,460,922 but the lines in the United States fell off \$2,316,388, the net result being to reduce the betterment to \$144,534 for the entire system.

CANADIAN PACIFIC RAILWAY.

With a reduction in revenue freight traffic of 4.6 per cent. and in passenger traffic of 6.9 per cent, operating expenses were cut \$1,083,789 or 8 per cent. This more than offset the drop of \$698,198 in revenues and increased the net revenues by \$385,592 and reduced the operating ratio from 87.44 per cent. to 84.25 per cent. July was the first month this year that any reductions have been made in maintenance expenditures. The total pay roll was cut \$484,384, or 6.1 per cent. and the personnel was reduced 4,041, or 6 per cent.

The average revenue per freight train was increased 23 cents per mile by loading trains heavier 35.5 tons of revenue freight. There was little change in the average receipts per ton mile as compared with the Canadian National Railways. Undoubtedly the heavy westward movement of grain to Vancouver with the relative higher rate assisted the Canadian Pacific in this respect.

For January - July, operating expenses were heavier in 1924 than in 1923 by \$1,892,922 but revenues increased by \$4,034,003 increasing net revenues by \$2,141,081.

.

ERRATA

June 1924 report, page 3.

	<u>Reads</u>	<u>Should Read</u>
Average Miles of road operated	38,391.46	38,684.50
Daily Averages per Mile of Road Operated		
Operating Revenues	\$ 32.07	\$ 31.83
Operating Expenses	\$ 30.03	\$ 29.80
No. of Tons Moved One Mile (Rev. Fr.)	2,165	2,149
No. of Tons Moved One Mile (All Fr.)	2,519	2,500
No. of Rev. Pass. Carried One Mile	231	230

.

4/10/24

OPERATING REVENUES, EXPENSES & STATISTICSSTEAM RAILWAYS OF CANADA

With Annual Operating Revenues of \$500,000.
For the Month of July, 1924

	1924	1923
<u>OPERATING REVENUES</u>		
Freight	\$23,244,397.10	\$24,864,056.86
Passenger	8,250,317.63	8,706,927.39
Mail	602,159.27	602,638.57
Express	1,899,133.36	1,750,226.66
Other Freight Train	852.66	858.60
Other Passenger Train	786,148.92	704,805.88
Water Line	285,658.52	368,910.59
All Other	1,825,734.92	1,492,341.46
Total Railway Operating Revenues	37,013,191.38	38,490,796.01
<u>OPERATING EXPENSES</u>		
Maint. of Way & Structures	\$9,301,316.72	\$9,054,929.75
Maint. of Equipment	6,690,771.63	7,104,011.71
Traffic	1,364,359.77	1,141,856.43
Transportation	14,540,758.48	15,614,249.51
Misc. Operations	503,204.09	493,380.66
General	1,065,516.64	1,019,087.73
Trans. for Investment	Cr. 92,965.49	Cr. 159,966.54
Total Railway Operating Expenses	33,372,961.84	34,267,549.25
<u>OPERATING INCOME</u>		
Net Operating Revenue	\$3,640,229.54	\$4,223,246.76
Railway Tax Accruals	676,290.17	576,718.02
Uncollectable Revenues	369.35	773.59
Hire of Equipment	Cr. 199,740.77	Gr. 205,426.12
Joint Facilities Rents	Dr. 58,607.41	Dr. 83,488.81
Operating Income	3,104,703.38	3,767,692.46
<u>OPERATING STATISTICS</u>		
Average Miles of Road Operated	38,814.84	38,451.14
No. of Tons Carried (Rev. Fr.)	7,819,419	8,700,073
No. of Tons Carried One Mile " "	2,053,807,649	2,048,141,186
No. of Tons Carried (All Fr.)	9,373,203	10,350,905
No. of Tons Carried One Mile " "	2,419,552,862	2,479,696,139
No. of Revenue Pass. Carried	4,279,243	4,474,863
No. of Revenue Pass. Carried One Mile	307,825,854	323,198,071
# Freight Train Miles	4,292,095	4,511,647
# Passenger Train Miles	4,399,541	4,306,935
Total Train Miles (Rev. & Non Rev.)	9,243,374	9,624,438
Freight Car Miles-Loaded	97,848,568	102,315,844
Freight Car Miles-Empty	52,348,730	52,870,467
Passenger Train Car Miles	32,667,438	32,325,907
Total Amount of Pay Roll	20,471,223.42	\$21,661,827.20
Number of Employees	175,694	184,669
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>		
Operating Revenue	\$30.76	\$32.29
Operating Expenses	\$27.74	\$28.75
No. of Tons Moved One Mile (Rev. Fr.)	1,707	1,718
No. of Tons Moved One Mile (All Fr.)	2,011	2,080
No. of Rev. Pass. Carried One Mile	256	271
<u>AVERAGES PER FREIGHT TRAIN MILE</u>		
Freight Revenue	\$5.44	\$5.39
No. of Tons of Freight (Rev. Fr.)	478.5	444.1
No. of Tons of Freight (All Fr.)	563.7	537.7
Loaded Freight Cars	22.8	22.2
Empty Freight Cars	12.2	11.5
<u>AVERAGES PER PASSENGER TRAIN MILE</u>		
Passenger Train Revenues	\$2.63	\$2.73
Passengers Carried	70.0	75.0
Passenger Cars	7.4	7.5
Average Operating Expenses per train mile	\$3.61	\$3.56
Average Length of Haul (Rev. Fr.) Miles	262.7	235.4
Average Passenger Journey Miles	71.9	72.2
Average Tons per Loaded Freight Car	24.7	24.2
Av. Fr. Receipt per Revenue Ton Mile	1.1376	1.2146
Av. Passenger Receipt per Pass. per Mile	2.6806	2.6946
Ratio of Pay Roll to Operating Revenues	55.3%	56.3%
Ratio of Pay Roll to Operating Expenses	61.3%	63.2%
Ratio of Operating Expenses to Revenues	90.17%	89.03%

Contains a proportion of mixed train miles.

OPERATING REVENUES, EXPENSES & STATISTICSCANADIAN NATIONAL RYS.

For the Month of July, 1924

1924

1923

OPERATING REVENUES

Freight	\$11,464,232.94	\$11,839,069.00
Passenger	3,528,569.65	3,627,620.00
Mail	271,994.83	259,000.00
Express	1,243,761.84	1,058,300.00
Other Freight Train	-	-
Other Passenger Train	307,260.68	232,531.00
Water Line	-	-
All Other	602,719.27	596,891.27
Total Railway Operating Revenues	17,418,539.21	17,613,411.27

OPERATING EXPENSES

Maint. of Way and Structures	\$4,772,711.38	\$4,384,106.02
Maint. of Equipment	3,460,602.07	3,471,230.45
Traffic	547,220.46	379,593.20
Transportation	7,550,474.17	7,995,516.83
Misc. Operations	212,712.61	185,571.40
General	631,489.11	579,015.30
Trans. for Investment	Cr. 80,988.37	Cr. 153,925.73
Total Railway Operating Expenses	17,094,220.83	16,841,107.47

OPERATING INCOME

Net Operating Revenue	\$ 324,318.38	\$ 772,303.80
Railway Tax Accruals	295,485.94	160,925.51
Uncollectable Revenues	274.61	342.50
Hire of Equipment	Cr. 298,112.32	Cr. 154,119.00
Joint Facilities Rents	Cr. 30,280.04	Cr. 20,780.95
Operating Income	356,950.19	785,935.74

OPERATING STATISTICS

Average Miles of Road Operated	20,548.78	20,426.66
No. of Tons Carried (Rev. Fr.)	3,364,671	3,704,583
No. of Tons Carried One Mile " "	1,043,822,258	963,853,228
No. of Tons Carried (All Fr.)	4,129,543	4,555,159
No. of Tons Carried One Mile " "	1,210,479,627	1,170,753,259
No. of Revenue Pass. Carried	2,148,406	2,196,816
No. of Rev. Pass. Carried One Mile	135,253,005	137,789,028
Freight Train Miles #	2,201,622	2,282,495
Passenger Train Miles #	2,013,019	1,889,326
Total Train Miles (Rev. & Non Rev.)	4,570,450	4,642,151
Freight Car Miles-Loaded	49,814,349	48,969,713
Freight Car Miles-Empty	29,160,994	26,339,478
Passenger Train Car Miles	14,830,890	13,755,357
Total Amount of Pay Roll	\$ 11,279,716	\$ 11,888,184
Number of Employees #	98,259	102,882

DAILY AVERAGES PER MILE OF ROAD OPERATED

Operating Revenue	\$ 27.34	\$ 27.82
Operating Expenses	\$ 26.84	\$ 26.60
No. of Tons Moved One Mile (Rev. Fr.)	1,639	1,522
No. of Tons Moved One Mile (All Fr.)	1,900	1,849
No. of Rev. Pass. Carried One Mile	212	218

AVERAGES PER FREIGHT TRAIN MILE #

Freight Revenue	\$5.21	\$5.19
No. of Tons of Freight (Rev. Fr.)	474.1	422.3
No. of Tons of Freight (All Fr.)	549.8	512.9
Loaded Freight Cars	22.6	21.5
Empty Freight Cars	13.2	11.5

AVERAGES PER PASSENGER TRAIN MILE #

Passenger Train Revenues	\$2.66	\$2.74
Passengers Carried	67.2	72.9
Passenger Cars	7.4	7.3
Average Operating Expenses per train mile	\$3.74	\$3.63
Average Length of Haul (Rev. Fr.) Miles	310.2	260.2
Average Passenger Journey Miles	63.0	62.7
Average Tons per Loaded Fr. Car.	24.3	23.9
Av. Fr. Receipt per Rev. Ton Mile	1.098¢	1.228¢
Av. Passenger Receipt per Pass. per mile	2.609¢	2.632¢
Ratio of Pay Roll to Operating Revenues	64.8%	67.5%
Ratio of Pay Roll to Operating Expenses	66.0%	70.6%
Ratio of Operating Expenses to Revenues	98.14%	95.62%

Contains a proportion of mixed train miles.

OPERATING REVENUES, EXPENSES & STATISTICSCANADIAN PACIFIC RAILWAY

For the Month of July, 1924.

1924

1923

OPERATING REVENUES

Freight	\$8,721,879.91	\$9,444,594.03
Passenger	3,510,487.91	3,764,548.97
Mail	299,374.90	295,236.70
Express	547,348.07	576,814.94
Other Freight Train	294.31	165.25
Other Passenger Train	459,394.73	455,245.24
Water Line	264,432.66	295,817.20
All Other	1,046,743.05	715,731.23
Total Railway Operating Revenues	14,849,955.54	15,548,153.56

OPERATING EXPENSES

Maint. of Way and Structures	\$3,393,445.07	\$3,652,862.86
Maint. of Equipment	2,481,384.03	2,815,304.18
Traffic	739,472.45	689,477.36
Transportation	5,368,121.56	5,878,168.12
Misc. Operations	238,700.91	281,628.99
General	289,715.32	297,187.19
Trans. for Investment	Cr. -	-
Total Railway Operating Expenses	12,510,839.34	13,594,628.70

OPERATING INCOME

Net Operating Revenue	\$2,339,116.20	\$1,953,524.86
Railway Tax Accruals	269,274.37	267,143.63
Uncollectable Revenues	-	-
Hire of Equipment	Cr. 221,827.33	Cr. 334,074.35
Joint Facilities Rents	Cr. 47,892.58	Cr. 49,578.50
Operating Income	2,339,561.74	2,070,034.08

OPERATING STATISTICS

Average Miles of Road Operated	13,814.7	13,536.1
No. of Tons Carried (Rev. Fr.)	2,095,762	2,291,411
No. of Tons Carried One Mile " "	776,718,296	814,145,490
No. of Tons Carried (All Fr.)	2,781,948	3,055,542
No. of Tons Carried One Mile " "	968,769,060	1,029,038,750
No. of Revenue Pass. Carried	1,429,778	1,540,678
No. of Rev. Pass. Carried One Mile	134,829,794	144,860,523
# Freight Train Miles	1,572,379	1,775,630
# Passenger Train Miles	1,875,004	1,917,921
Total Train Miles (Rev. & Non Rev.)	3,596,636	3,893,997
Freight Car Miles-Loaded	35,789,824	40,330,253
Freight Car Miles-Empty	15,508,679	20,070,195
Passenger Train Car Miles	14,235,319	15,101,437
Total Amount of Pay Roll	\$7,448,462.27	\$7,932,846.36
Number of Employees	63,474	67,515

DAILY AVERAGES PER MILE OF ROAD OPERATED

Operating Revenues	\$34.68	\$37.05
Operating Expenses	\$29.21	\$32.40
No. of Tons Moved One Mile (Rev. Fr.)	1,814	1,940
No. of Tons Moved One Mile (All Fr.)	2,262	2,452
No. of Rev. Passengers Carried One Mile	315	345

DAVERAGES PER FREIGHT TRAIN MILE

Freight Revenues	\$5.55	\$5.32
No. of Tons of Freight (Rev. Fr.)	494.0	458.5
No. of Tons of Freight (All Fr.)	616.1	579.5
Loaded Freight Cars	22.8	22.7
Empty Freight	9.9	11.3

DAVERAGES PER PASSENGER TRAIN MILE

Passenger Train Revenues	\$2.57	\$2.65
Passengers Carried	71.9	75.5
Passenger Cars	7.6	7.9
Average Operating Expenses per train mile	\$3.43	\$3.49
Average Length of Haul (Rev. Fr.) Miles	370.6	355.3
Average Passenger Journey Miles	94.3	94.0
Average Tons per Loaded Freight Car	27.1	25.5
Average Freight Receipt per Rev. Ton Mile	1.123¢	1.160¢
Average Passenger Receipt per Pass. Per Mile	2.604¢	2.599¢
Ratio of Pay Roll to Operating Revenues	50.2%	51.0%
Ratio of Pay Roll to Operating Expenses	59.5%	58.4%
Ratio of Operating Expenses to Revenues	84.25%	87.44%

Contains a proportion of mixed train miles.

CANADIAN NATIONAL SYSTEM
(Steam Lines in Canada and United States)
For the Month of July, 1924-1923

OPERATING REVENUES

	<u>1924</u>	<u>1923</u>
Canadian Lines	\$17,413,539.21	\$17,613,411.27
Duluth, Winnipeg & Pacific	130,267.00	175,178.52
Grand Trunk Western Lines	2,232,370.00	2,867,125.00
New England Lines	155,493.79	168,692.97
Total	<u>19,936,670.00</u>	<u>20,824,407.76</u>

OPERATING EXPENSES

Canadian Lines	\$17,094,220.83	\$16,841,107.47
Duluth, Winnipeg & Pacific	149,975.41	163,484.62
Grand Trunk Western Lines	1,958,749.79	2,003,315.69
New England Lines	198,473.02	337,710.49
Total	<u>19,401,419.05</u>	<u>19,345,618.27</u>

NET OPERATING REVENUES

Canadian Lines	\$324,318.38	\$772,303.80
Duluth, Winnipeg & Pacific	Dr. 19,708.41	11,693.90
Grand Trunk Western Lines	323,620.21	863,809.31
New England Lines	Dr. 42,979.23	Dr. 169,017.52
Total	<u>585,250.95</u>	<u>1,478,789.49</u>

OPERATING INCOME

Canadian Lines	\$356,950.19	\$785,935.74
Duluth, Winnipeg & Pacific	Dr. 24,678.62	Dr. 7,887.20
Grand Trunk Western Lines	Dr. 90,136.36	327,417.53
New England Lines	Dr. 110,492.11	Dr. 273,115.13
Total	<u>Cr. 131,643.10</u>	<u>Cr. 832,350.99</u>

SUMMARY

For Seven Months ended July 31.

ALL RAILWAYS

	<u>1924</u>	<u>1923</u>
Operating Revenues	\$247,498,737.95	\$245,081,490.03
Operating Expenses	227,239,830.53	227,626,907.64
Net Operating Revenue	20,258,907.42	17,454,582.39
Operating Income	17,466,046.16	16,362,783.48

CANADIAN NATIONAL RAILWAYS

Operating Revenues - Canadian Lines	\$114,481,552.22	\$114,275,360.20
United States Lines	20,367,675.78	22,463,598.47
Total	<u>134,849,228.00</u>	<u>136,738,958.67</u>
Operating Expenses - Canadian Lines	\$114,167,782.95	\$116,422,512.94
United States Lines	17,466,764.16	17,246,299.35
Total	<u>131,634,547.11</u>	<u>133,668,812.29</u>
Net Operating Revenue-Canadian Lines	\$ 313,769.27	Dr. \$2,147,152.74
United States Lines	2,900,911.62	5,217,299.12
Total	<u>3,214,680.89</u>	<u>3,070,146.38</u>
Operating Income - Canadian Lines	\$742,532.52	Dr. 1,169,634.03
United States Lines	Dr. 579,931.75	835,527.09
Total	<u>162,600.77</u>	<u>Dr. 334,106.94</u>

CANADIAN PACIFIC RAILWAY

Operating Revenues	\$98,137,778.17	\$94,153,775.90
Operating Expenses	86,279,192.01	84,386,180.85
Net Operating Revenues	11,908,676.16	9,767,595.05
Operating Income	12,729,646.40	11,636,394.44

STATISTICS CANADA LIBRARY
BIBLIOTHÈQUE STATISTIQUE CANADA



1010553472