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CANADA

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TRANSPORTATION BRANCH

OPERATING REVENUES, EXPENSES AND STATISTICS

of

RAILWAYS

With an Annual Operating Revenue of \$500,000

For

JUNE

1921

Published by Authority of the Right Hon. Sir George E. Foster, G. C. M. G., M. P.,

Minister of Trade and Commerce.

OTTAWA

1921

Historical Frie Copy

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

OPERATING REVENUES, EXPENSES & STATISTICS

OF

RAILWAYS WITH AN ANNUAL OPERATING REVENUE OF \$500,000

For the Month of June 1921.

The tail ways as a whole continue to show a reduction in the operating ratio. For June it was 94.53 per cent which is the lowest it has been this year and also for the first six months during 1920.

There was an increase over May in the revenues due to the seasonal increase in passenger traffic. The freight receipts decreased less than one per cent but the passenger receipts increased 16 per cent or \$1,136,423. This was \$1,104,810.17 less than last year despite the increase of 10 per cent in the passenger rates.

The operating expenses increased \$1,145,972.34 over May but were \$4,622,221.05 less than last year. \$805,182.75 of this increase over May was in the pay roll and there was a decrease of \$4,358,549.99 in the pay roll from June 1920. The maintenance account show the greater part of this decrease. Compared with May the revenue tons moved one mile decreased about 3 per cent and from June 1920 it decreased over 30 per cent.

The average freight receipts per revenue ton mile of 1,409 cents is the highest this year; the average receipts in January were 1.204 cents for 1921 and .947 cents for 1920 which were the lowest during these six months periods.

. The Canadian Government Railways show a decrease from last year of 9 per cent in freight receipts and 22 per cent in passenger receipts although both freight and passenger receipts were 40 and 25 per cent higher per mile respectively.

The Canadian Northern System showed about 8 per cent decrease in freight receipts and over 40 per cent decrease in passenger receipts from last year. June passenger receipts were 13 per cent greater than May, but the June 1920 passenger traffic was exceedingly heavy compared with the previous months, being 87 per cent greater than May 1020.

The Canadian Pacific Railway's operating ratio increased slightly over May but was still somewhat under last year's. The operating revenues decreased \$2,149.877.68 or over 12 per cent. This was principally in the freight receipts. The passenger receipts due to increased fares about held their own despite a decrease in the passengers carried one mile of over 20 per cent.

The Grand Trunk's operating ratio, 88.70 per cent was the lowest this year. The revenues were practically the same as last year the expenses were about 4 per cent less while the revenue freight moved one mile decreased over 30 per cent and the passengers carried one mile decreased about 3 per cent.

The Grand Trunk Pacific showed considerable improvement over last year. The freight traffic increased over 50 per cent, but the passenger traffic showed a decrease of 14 per cent. The revenues increased 21 per cent. Expenses decreased 38 per cent and the pay roll decreased 22 per cent.

MOTE: Correct May report to read.

No. of Tons moved one mile (Rev.) No. of Tons moved one mile (All Fr.) Average length of haul (Rev. Fr.) miles

Page 2. 1,585,628,209 1,837,016,062 231.25

Page 7. 82,568,434 96,764,026

380.13

OPERATING REVENUES REAPENSES & STATISTICS

STEAM RAILWAYS OF CAWADA

With an annual Overative Revenue of \$700,000

	AND THE RESIDENCE OF THE PARTY	
	1921	1920
OPERATING REVENUES Freight Passenger Mail Express All Other	\$21,672,835,60 8,148,065,32 643,690,75 1,581,626,30 2,030,571.69	\$24,180,584.38 9,252,875.49 314,533.64 1,227,072.65 2,440,928.10
OPERATING EXPENSESS Maint. of Way & Structures Maint. of Equipment Traffic Transportation Misc. Operation General All Other Total Railway Operating Expenses Net Operating Revenue Ratio of Op. Expenses to Revenue MILEAGE AND OPERATING STATISTICSS Average No. of Miles of Road Opera No. of Tons Moved One Mile(Rev.) No. of Tons Moved One Mile(All Fr.	\$7,468,588.59 7,231,211.07 971,112.01 15,186,286.63 513,674.95 940,122.36 1,862,983.64 94.53% ted 38,301.20 70096,733	\$9,537,808.27 9,003,902.33 763,731.82 15,930,614.14 696,081.02 942,406.17 40,508.88 36,834,034,87 581,949.40 98,44%
No. of Passengers Carried No. of Passengers Carried One Mile Freight Train Miles Passenger Train Miles Mixed Train Miles Loaded Freight Car Miles Empty Freight Car Miles Passenger Car Miles Total amount of Pay Roll AVERAGES PER MILE OF ROAD OPERATED	3,686,027 253,275,579 3,320,036 3,797,926 549,676 78,875,442 37,857,602 27,028,329 \$20,220,219.88	11,117,541 2,552,683,480 4,109,326 329,947,771 4,529,321 3,929,198 601,313 106,315,599 33,106,442 29,095,566
Operating Revenue Operating Expenses Net Operating Revenue No. of Tons Moved One Mile(Rev.) No. of Tons Moved One Mile(All Fr. AVERAGES PER FR. & MIXED TRAIN MILE	\$889.65 \$841.01 \$ 48.64 40,154 47,724	\$989.56 \$974.17 \$ 15.39 59,838 67.512
Freight Receipts No. of Tons of Freight (Revenue) No. of Tons of Freight (All Fr.) Loaded Freight Cars Empty Freight Cars	\$5.60 397.5 472.4 20.4 9.8	\$4.71 441.4 497.5 20.7 6.5
AVERAGES PER PASS. & MIXED TRAN MILI Passenger Receipts Passengers Carried Passenger Cars	\$1.87 58.3 6.2	\$2.04 72.8 6.4
AVERAGES PER FR. PASS. & MIXED TRAIN Operating Revenue Operating Expenses Average Length of Haul (Rev.Fr.) Mile Average Passenger Journey Mile Average Tons per Loaded Fr. Car Ratio Loaded to Total Fr. Car Miles Ratio of Pay Roll to Revenue Ratio of Pay Roll to Operating Expen Av.Fr. Receipt per Pev. Ton Mile Av. Passenger Receipt per Fass. Per	\$4.44 \$4.20 216.8 es 68.7 23.2 67.6% 59.3% 62.8%	\$4.13 \$4.07 232.2 80.3 24.0 76.25 65.

OPERATING REVENUE THE ENSEM & STATISTICS

CANADIAN GOVERNIENT RAILWAYES

	1921	1920
OPERATING RÉVENUES		
Freight	\$1,830,220.90	\$2,078,820.29
Passenger	673,800.07	866,469.48
Mai 1	90,454.87	40,462.38
Express	90,454.87	115,388.30
All Other	156,236.17 2,859,896.09	167,600.93
Total Railway Operating Revenues	2,859,896.09	3,268,741.38
OPERATING EXPENSES	0-1	0:0:
Maint, of Way & Structures	1,050,985.06	1,128,278.46
Maint. of Equipment	842,777.89	758,545.12
Traffic	61,792.00	49,329.78
Transportation	1,787,526.91	1,794,986.18
Misc. Operation	52,342.82	62,013.69
General	15,780.34	84,044.10
All Other	7 933 005 00	7 900 100 77
Total Railway Operating Expenses	5,011,205.02	3,877,197.33
Net Operating Revenue D.	951,308.93 D	. 000,455.95
Ratio of Operating Expenses to Reve	enue 155.20%	110.01%
TIPACE IND ADDDAMENT COLORS		
MILEAGE AND OPERATING STATISTICS	22 + 23 1 561 05	1 201 75
Average No. of Miles of Road Oper	508 076	4,201.75
No. of Tons Moved (Reven		969,342
No. of Tons Moved One Mile (Revent	ie) 137,626,686	219,768,551
No. of Tons Moved (All Fr	726,003	1,120,112
No. of Tons Moved One Mile(All Fr	178,032,607	237,695,002
No. of Passengers Carried	485,012	610,117
No. of Passengers Carried One Mil	e 25,312,279	40,875,329
Freight Train Miles	340,188	496,140
Passenger Train Miles	391,879	406, 157
Mixed Train Miles	87.353	103,720
Loaded Freight Car Miles	8,424,124	10,843,324
Empty Freight Car Miles	2,733,495	2,614,857
Passenger Car Miles	2,903,210	3,175,559
Total amount of Pay Roll	\$2,356,392.79	\$2,726,006.35
ALERT AND ARTE AND DAAR ADDRAWN		
AVERAGES PER MILE OF ROAD OPERATED	\$626.61	\$777.94
Operating Revenue	\$835.05	\$922.76
Operating Expenses	D. \$208.44	D. \$144.82
Net Operating Revenue No. of Tons Moved One Mile(Revenue		52,304
No. of Tons Moved One Mile(All Fr		56,570
1/0; 01 10112 motes one 1172 of 1121	37,500	2512110
AVERAGES PER FR. & MIXED TRAIN MILI	E.,	
Freight Receipts	\$4, 28	\$3.47
No. of Tons of Freight (Revenue)	321.9	366.4
No. of Tons of Freight (All Fr.)	416.4	396.2
Loaded Freight Cars	19.7	18.1
Empty Freight Cars	6.4	4.4
	The second second	
AVERAGES PER PASS. & MIXED TRAIN MI	LLE'	M -
Passenger Receipts	\$1.41	\$1.70
Passengers Carried	52.8	80.2
Passenger Cars	6.1	6.2
A CONTRACTOR STATE OF THE STATE OF LAND AND LAND AND LAND OF THE STATE	MILE	
AVERAGES PER FR. PASS & MIXED TRAIN	WILLE #7 40	67 OF
Operating Revenue	\$3.49	\$3.25
Operating Expenses	\$4.65	\$3.85
Average Length of Haul (Rev.Fr.) Mi	les 270.9	226.7
Average Passenger Journey Mil	les 52.2	67.0
Average Tons per Loaded Fr. Car	21.1	22.0
Ratio loaded to total Fr. Car Miles	75.5%	80.6%
Ratio of Pay Roll to Revenue	82,4%	83.4%
Ratio of Pay Roll to Operating Expe	enses 61.8%	70.3%
Av.Fr. Receipt per Rev.Ton Mile	1.350¢ Mile 2.662¢	2.7.20%
Av. Passenger Receipt per Pass. Per	2.0028	6 · 6 · 6 · 6

OPERATING REVENUES, EXPUNSES & STATISTICES.

CANADIAN NATIONAL BYS.

For the Month of June 1921

	The state of the s	
	1921	1920
OPERATING REVENUES		
	2.923,139.85	\$3,214,864.52
Passenger	836, 367, 00	1,408.824.57
Mail	80,590.21	31,577.72
Express	162,733.92	128,461.87
All other	293,045.26	333,384.74
Total Railway Operating Revenues	4,295,831.24	5,117,113.42
OPERATING EXPENSES	707 000 00	#2 0/0 005 00
	1,503,777.05	\$1,969,905.89
Maint. of Equipment	1,258,828,20	1,262,550.71
Traffic	104,059.70	108,016.75
Transportation Miss. Operation	2,491,387.31	2,655,888.05
Misc. Operation General	107,735.65	129,855.48
All Other Cr.	88,836.08	cr. 50,071.30
Total Railway Operating Expenses	5,536,771.03	6,201,928.30
Net Operating Revenue D.	1,240,889.79	D. 1,084,814.88
Ratio of Operating Expenses to Rev.	128.88%	121,19%
MILEAGE AND OPERATING STATISTICS	edition of the law	THE RESERVE THE PARTY NAMED IN
Average No. of Miles of Road Operated	9.757.4	9,654.7
No. of Tons Moved (Revenue)	847,898	1,119,341
No. of Tons Moved One Mile(Revenue)	231, 234, 125	336, 229, 513
No. of Tons Moved (All Fr.)	1,101,556	1,301,884
No. of Tons Moved One Mile(All Fr.)	304,539,050	400,517,485
No. of Passengers Carried	411,083	457, 690
No. of Passengers Carried One Mile	26,832,150 556,936	45,772,615 862,810
Freight Train Miles Passenger Train Miles	510,482	564,313
Mixed Train Miles	163,640	154, 165
Loaded Freight Car Miles	12,373,469	16,380,802
Empty Freight Car Miles	6,818,068	6,589,420
Passenger Car Miles	3,511,325	4, 275, 226
Total amount of Pay Roll	3,855,709.44	\$4,887,347.76
	STATE OF STREET	
AVERAGE PER MILE OF ROAD OPERATED		
Operating Revenue	\$440,27	
Operating Expenses	\$567.44	
	\$127,17	D. \$112.36
No. of Tons Moved One Mile(Rev.)		34,825
No. of Tons Moved One Mile(All Fr.)	31,211	41,484
AVERAGES PER FR. & MIXED TRAIN MILE		
Freight Receipts	\$4.06	\$3.16
No. of Tons of Freight (Revenue)	320.9	330.6
No. of Tons of Freight (All Fr.)	422.5	393.8
Loaded Freight Cars	17.2	16.1
Empty Freight Cars	. 9.5	6.5
AVERAGES PER PASS. & MIXED TRAIN MILE		
Passenger Receipts	\$1.24	\$1.96
Passengers Carried	39.8	63.7
Passenger Cars	5.2	6.0
AMERICACE STREET DACC & MIVED TRAIN MI	דיני	
AVERAGES PER FR. PASS. & MIXED TRAIN MI Operating Revenue	\$3.50	\$3.24
Operating Expenses	\$4.50	\$3.92
Average Length of Haul (Rev.Fr.) Miles	272.7	300.4
Average Passenger Journey Miles		100.0
Average Tons per loaded Fr. Car	24,6	24.5
Ratio loaded to total Fr. Car Miles	64.5%	71.3
Ratio of Pay Roll to Revenue	89.8%	95,50
Ratio of Pay Roll to Operating Expenses	69.6%	95.5
Av.Fr.Receipt per Rev.Ton Mile	1.260.0	958
Av. Passenger Receipt per Pass. Per Mile	3.117¢	3.07

OPERATING REVENUES, EXPENSED & STATISTICS

CANADIAN PACTFIC RY. MONTREAL & STLANFIC RY. ESQUIMALT & NANAIMO RY.

For the Month of June 1921

Total and More		Section of the second seco
The second secon	1921	1920
OPERATING REVENUES Freight Passenger Mail Express All Other Total Railway Operating Revenues	\$8,683,710.69 4,034,785.22 269,374.49 610,276.80 1,152,393.02 14,750,540.22	\$10,395,536.8
OPERATING EXPENSES Maint. of Way & Structures Maint. of Equipment Traffic Transportation Misc. Operation General All Other Total Railway Operating Expenses	\$2,371,878.69 2,205,413.90 552,030.19 5,919,939.40 236,059.12 310,548.81	\$3,202,718.91 3,574,134.84 409,084.72 6,381,841.42 408,065.44 322,314.80
Net Operating Revenue Ratio of Operating Expenses to Rev.	3,154,670.11 78.61%	2,602,257/.77
Average No. of Miles of Road Operated No. of Tons Moved (Revenue) No. of Tons Moved One Mile(Revenue) No. of Tons Moved One Mile(Revenue) No. of Tons Moved One Mile(AMI Fr.) No. of Passengers Carried No. of Passengers Carried One Mile Freight Train Miles Passenger Train Miles Mixed Train Miles Loaded Freight Car Miles Empty Freight Car Miles Passenger Car Miles Total amount of Pay Roll	13,785.8 1,963,560 605,365,672 2,579,178 736,842,927 1,419,093 124,893,628 1,223,809 1,753,960 141,167 30,276,502 12,571,791 12,906,900 \$7,500,721.69	13,772.1 2,790,635 962,355,530 3,431,098 1,122,441,008 1,574,172 159,055,359 1,744,138 1,844,117 170,050 44,444,042 13,343,027 13,836,034 \$9,584,288.32
AVERAGE PER MILE OF ROAD OPERATED Operating Revenue Operating Expenses Net Operating Revenue No. of Tons Moved One Mile(Rev.) No. of Tons Moved One Mile(All Fr.)	\$1,069.98 \$ 841.15 \$ 228.83 43.912 53,449	\$1,227.15 \$1,038.20 \$ 188,95 69,877 81,501
AVERAGES PER FR. & MIXED TRAIN MILE Freight Receipts No. of Tons of Freight (Revenue) No. of Tons of Freight (All Fr.) Loaded Freight Cars Empty Freight Cars	\$6.36 443.5 539.8 22.2 9.2	\$5.43 502.7 586.3 23.2 7.0
AVERAGES PER PASS. & MIXED TRAIN MILE Passenger Receipts Passengers Carried Passenger Cars	\$2. I 3 65.9 6.4	\$2.17 79.0 6.9
AVERAGES PER FR.PASS. & MIXED TRAIN MILE Operating Revenue Operating Expenses Average Length of Haul (Rev.Fr.) Miles Average Passenger Journey Miles Average Tons per loaded Fr.Car Ratio loaded to total Fr. Car Miles Ratio of Pay Roll to Revenue Ratio of Pay Roll to Operating Expenses Av.Fr.Receipt per Rev.Ton Mile Av.Passenger Receipt per Pass. Per Mile	\$4.73 \$3.72 308.3 88.0 24.3 70.7% 50.9% 64.7% 1.434¢ 3.231¢	\$4.50 \$3.80 344.1 101.0 25.3 76.9% 56.7% 67.0% 1.080% 2.743¢

OPERATING REVENUES. EXPENSES & STATISTICS.

GRAND THUNK RAILWAY.

	1921	1920
OPERATING REVENUES Freight Passenger Mail Express All Other Total Railway Operating Revenues	\$4,283,654,26 1,445,835.90 135,459.33 596,601.51 211,214.56 6,672,765.56	\$4,675,336.64 1,389,168.30 . 56,866.77 216,725.65 284,784.75 6,622,882.11
OPERATING EXPENSES Maint. of Way & Structures Maint. of Equipment Traffic Transportation Misc. Operation General All Other Total Railway Operating Expenses Net Operating Revenue	1,073,485.66 1,738,648.19 148,481.52 2,652,794.64 40,989.10 264,925.08 9r.261.06 5,919.063.13 755,702.43	1,173,235.36 1,831,612.99 103,070.80 2,803.051.55 31,775.03 223,389.64 6,166,135.37 456,746.74
MILEAGE AND OPERATING STATISTICS Average No. of Miles of Road Operated No. of Tons Moved (Revenue) No. of Tons Moved One Mile(Revenue) No. of Tons Moved One Mile(All Fr.) No. of Tons Moved One Mile(All Fr.) Number of Passengers Carried Number of Passengers Carried Number of Passengers Carried One Mile Freight Train Miles Passenger Train Miles Mixed Train Miles Loaded Freight Car Miles Passenger Car Miles Passenger Car Miles Total Amount of Pay Roll	88.70% 3,571 1,691,448 286,979,059 1,905,326 308,076,476 920,027 42,640,146 679,082 647,068 59,431 13,941,457 7,981,555 3,909,136	93.10% 3,571 2,250,447 424,087,150 2,523,879 349,294,714 974,834 44,155,274 834,486 616,321 63,755 18,871,676 6,012,296 3,826,666 \$4,452,784.52
AVERAGES PER MILE OF ROAD OPERATED Operating Revenue Operating Expenses Net Operating Revenue No. of Tons Moved One Mile (Rev.) No. of Tons Moved One Mile (All Fr.)	\$ 1,868.60 1,657.54 211.06 80,364 86,271	\$ 1,854.63 1,726.73 127.90 118,759 125,818
AVERAGES PER FR. & MIXED TRAIN MILE Freight Receipts No. of Tons of Freight (Revenue) No. of Tons of Freight (All Fr.) Loaded Freight Cars Empty Freight Cars	\$ 5.81 388.6 417.2 18.9 10.8	\$ 5.21 472.1 500.2 21.0 6.7
AVERAGES PER PASS. & MIXED TRAIN MILE Passenger Receipts Passengers Carried Passenger Cars	\$ 2.05 60.4 5.5	\$ 2.04 64.9 5.6
AVERACES PFR FR. PASS. & MIXED TRAIN MILE Operating Revenue Operating Expenses Average Length of Haul (Rev.Fr.) Miles Average Passenger Journey Miles Average Tons per leaded Fr. Car Retio leaded to total Fr. Car Miles Ratio of Pay Rell to Revenue Ratio to Pay Rell to Devenue Ratio to Pay Rell to Operating Expenses Av. Fr. Receipt per Rev. Ton Mile Av. Passenger Receipt per Pass. per Mil	\$ 4.82 \$ 4.27 169.7 46.3 22.1 63.6% 58.1% 1.4052	\$ 4.3? \$ 4.0? 188.4 45.8 23.2 75.8? 67.27 72.23 1,105 3.146¢

OPERATING REVENUES, EXPENSES & STATISTICS.

GRAND TRUNK PATIFIC RY.

Pot one ponent		
	1921	1920
OPERATING REVENUES Freight Passenger Mail Express All Other Total Railway Operating Revenues	\$ 843,133,47 171,304.60 21,951.16 33,916.72 38,747.30 1,109,053.25	\$ 573,437.54 201,412.11 11,835.00 30,580.00 98.150.21 915,414.86
OPERATING EXPENSES Maint. of Way & Structures Maint. of Equipment Traffic Transportation Misc. Operation General All Other Total Railway Operating Expenses Net Operating Revenue Ratio of Op. Expenses to Revenue	\$ 449,881.41 354,575.30 28,268.12 624,976.94 11,336.56 39,487.38 Cr.20,159.35 1,488.366.36 D. 379,313.11 134.20%	\$1,063,695.68 706,478.16 28,064.33 575,634.67 21,009.81 36,684.68 2,431,567.33 p. 1,516,152.47 265.62%
MILEAGE AND OPERATING STATISTICS. Av. No. of Miles of Road Operated No. of Tons Moved (Revenue) No. of Tons Moved One Mile (Revenue) No. of Tons Moved One Mile (All Fr.) No. of Tons Moved One Mile (All Fr.) No. of Passengers Carried Number of Passengers Carried One Mile Freight Train Miles Passenger Train Miles Mixed Train Miles Loaded Freight Car Miles Empty Freight Car Miles Passenger Car Miles Total Amount of Pay Roll	2,807.3 274.860 82,465,755 323,406 99.302,116 55.351 6,217,786 165,838 125,799 28,286 4.046.745 2.043,845 1.067,625 \$806,034.38	2,807.3 170.895 52,321,575 224,685 67,083,516 64,761 7,253,232 164,587 113,861 40,439 3,351,312 1,332,602 1,007,461 \$1,199,615.71
AVERAGES PER MILE OF ROAD OPERATED Operating Revenue Operating Expenses Net Operating Revenue No. of Tons Moved One Mile (Revenue) No. of Tons Moved One Mile (All Fr.)	\$ 395.06 530.17 D. 135.11 29,375 35.373	\$ 326.08 866.16 D. 540.08 18,638 23,896
AVERAGES PER FR. & MIXED TRAIN MILES Freight Receipts No. of Tons of Freight (Revenue) No. of Tons of Freight (All Fr.) LoadedFreight Cars Empty Freight Cars	\$ 4.34 424.8 511.5 20.8 10.5	\$ 2.80 255.2 327.2 16.3 6.5
AVERAGES PER PASS. & MIXED TRAIN MILE Passenger Receipts Passengers Carried Passenger Cars	\$ 1.11 40.4 6.9	\$ 3.31 47.0 6.5
AVERAGES PER FR. PASS. & MIXED TRAIN MISOPERATING Revenue Operating Expenses Average Length of Haul (Rev.Fr.) Miles Average Passenger Journey Miles Average Tons per loaded Fr. Car Ratio loaded to total Fr. Car Miles Ratio of Pay Roll to Revenue Ratio of Pay Roll to Operating Expense Av. Pr. Receipt per Rev. Ton Mile Av. Passenger Receipt per Pass. per Mi	\$3.47 4.65 8 300.0 112.3 24.5 66.4% 72.7% 54.2% 1.022¢	\$2.87 7.63 \$06.2 112.0 20.0 71.59 131.69 49.30 1.090 2.7778

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