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#### CANADA

#### DOMINION BUREAU OF STATISTICS

TRANSPORTATION BRANCH

#### OPERATING REVENUES, EXPENSES AND STATISTICS

of

#### RAILWAYS

With an Annual Operating Revenue of \$500,000

For

MARCH

1921

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

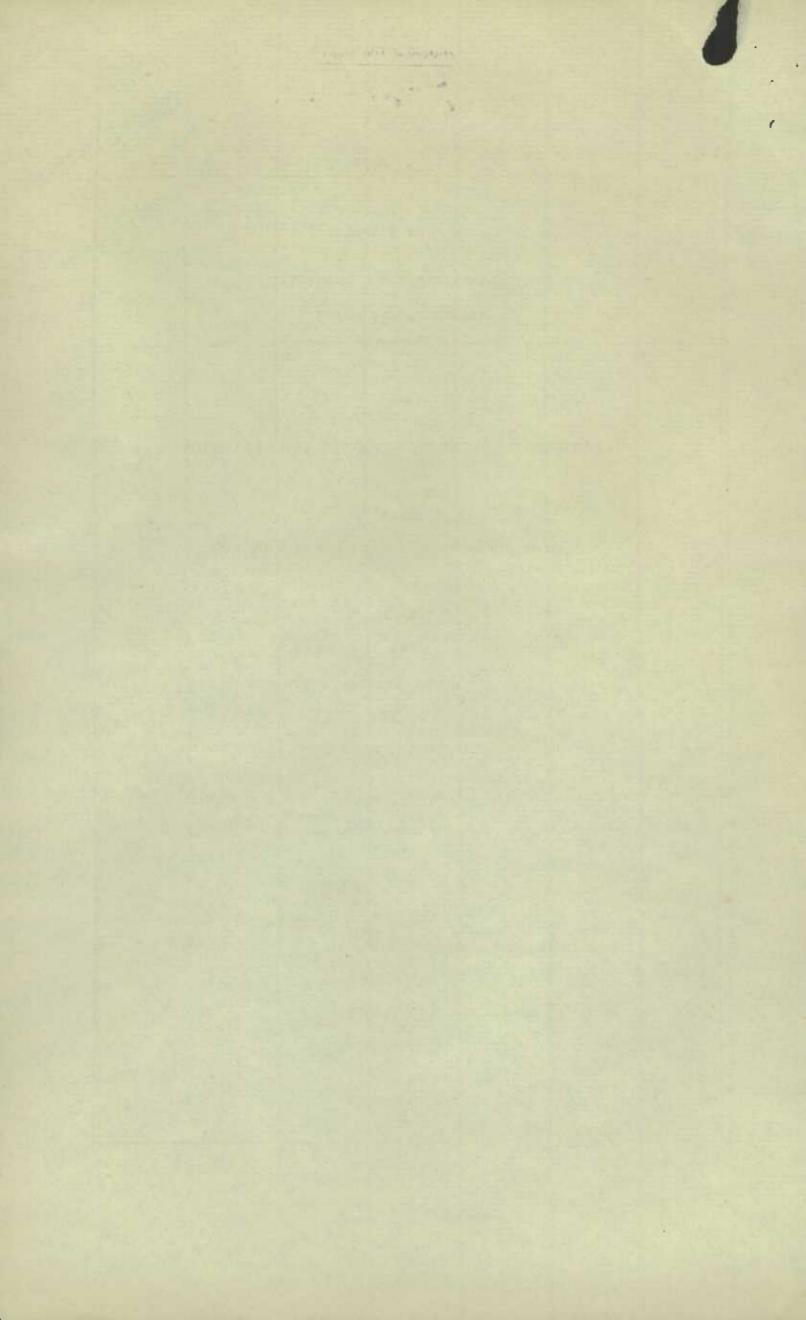
Minister of Trade and Commerce.

OTTAWA

1921

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#### DOMINION BUREAU OF STATISTICS TRANSPORTATION BRANCH OTTAWA.

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

OPERATING REVENUES, EXPENSES AND STATISTICS

OF

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

For the Month of March

The returns of the railways for March 1921 show considerable improvement over January and February, and also an improvement over March 1920. The ratio of Operating expenses to the operating earnings was 96.64 per cent for March as against 108. per cent for Jenuary, 105.1 per cent for February and 99.47 per cent for March 1920. The operating revenues increased about 5 per cent over January, 10 per cent over moved February and .7 per cent over March 1920. The revenue tons/one mile increased slightly over January about 5 per cent over February but decreased 16 per cent from March 1920.

The passengers carried one mile increased over January and February but decreased over 6 per cent from March 1920. The increased freight and passenger rates which became effective September 1920 offset these decreases in traffic giving a slight increase in revenue over last year. The operating expenses decreased about 2.5 per cent from March 1920 and the total pay roll decreased about the same ratio.

Of the five larger roads for which individual reports are given; with the exception of the Grand Trunk Pacific, the roads show considerable improvement over March 1920. The Canadian Northern, Canadian Pacific and Grand Trunk continue to show improvement for 1921. The ratio of operating expenses to revenues for January, February and March 1921 and 1920 are as follows:-

220,00		Dperating 1921 Per Cent Pe	1930
Canadian Government	January	23.3	115.9
	February	23.8	145.9
	March	126.3	136.9
Canadian Northern	January	128.8	140.3
	February	123.0	150.1
	March	116.1	126.2
Canadian Pacific	January	95.5	95.2
	February	93.6	94.5
	March	83.6	87.9
Grand Trunk	January	111.3	112:2
	February	99.4	115:2
	March	89.0	93:1
Grand Trunk Pacific	January	125.8	173.1
	February	184.7	175.9
	March	165.2	163.1

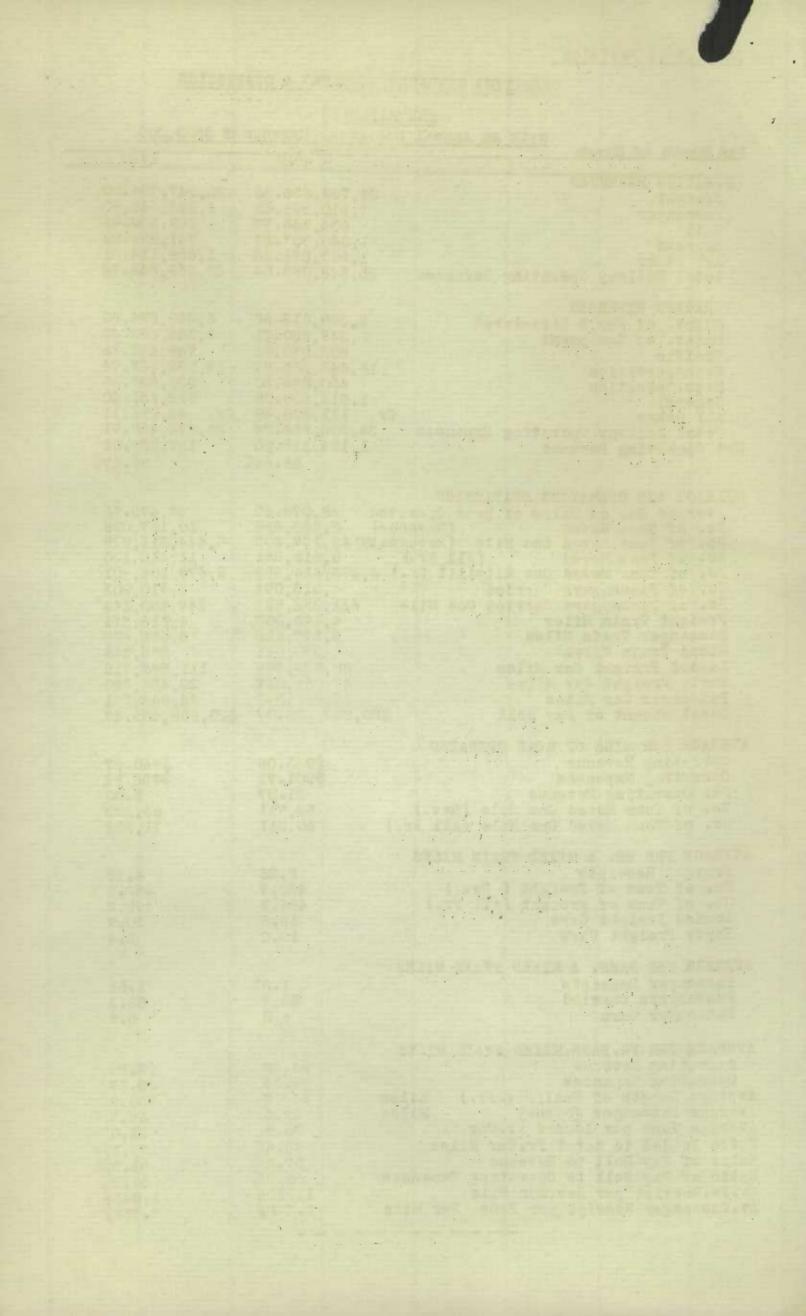
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## OPERATING REVENUES, EMPENSES & STATISTICS

## ALL RAILWAYS

	A STATE OF THE PARTY OF THE PAR		4
- th an Any	nual Operating	Ravenne	MR \$500 000
Micu an win	Ingt obergative	TIC VOITED	32 4000,000

For Month of March	Operation movemen	1920
	(921	1320
OPERATING REVENUES	24,789,856.35	25,547,784.80
Freight	7,510,396.42	6,822,448.60
Passenger	604,346.77	288,609.46
Mail	1,040,907.24	941,889.89
Express	1,582,576.26	1,659,114.21
All Other		35,259,846.96
Total Railway Operating Revenues	35,528,083.04	00,000,040,00
ODEDAMING BYDENGES		
OPERATING EXPENSES	5,388,913.68	6,268,896.60
Maint. of Way & Structures Maint. of Equipment	8,347,850.71	9,335,682.46
Traffic	803,070.92	746,441.25
	18,442,285.87	17,332,362.76
Transportation Misc.Operation	450.845.50	538,632.55
General	1.012.506.05	892,555.40
All Other	Cr. 111,508.49	Cr. 42,112.11
Total Railway Operating Expenses	34,333,964.24	35,072,458.91
Net Operating Revenue	1,194,118.80	187.388.05
no o cherating no onto	96.64%	99.47%
MILEAGE AND OPERATING STATISTICS		
Average No. of Miles of Road Open	rated 38.076.30	37,475.98
No. of Tons Moved (Reve	enue) 8,253,298	10,187,098
No. of Tons Moved One Mile (Reve		2,444,311,079
No. of Tons Moved (All Fr.		11,312,130
No. of Tons Moved One Mile All Fr		2,675,106,801
No. of Passengers Carried	4,013,574	3,710,203
No. of Passengers Carried One Mil		247,400,144
Freight Train Miles	4,146,003	4,816,371
Passenger Train Miles	3,577,615	3,658,493
Mixed Train Miles	570,091	585,346
Loaded Freight Car Miles	88,837,569	111,597,718
Empty Freight Car Miles	47,065,297	29,404,790
Passenger Car Miles	24,802,040	24.842.521
Total amount of Pay Roll	\$20,327,026.07	\$20,808,205.47
AVERAGE PER MILE OF ROAD OPERATED	M .	
Operating Revenue	\$933.08	\$940.87
Operating Expenses	\$901.71	\$935.87
Net Operating Revenue	31.37	
No. of Tons Moved One Mile (Rev.)		
No. of Tons Moved One Mile (All F	r.) 60,311	71,382
AVERACE DED ED . MIVED MOATH MILES		
AVERAGE PER FR. & MIXED TRAIN MILES Freight Receipts	5.26	4 P/7
No. of Tons of Freight ( Rev.)	433.7	4.73
No. of Tons of Freight (All Fr.)	486.9	452.5
Loaded Freight Cars	18.8	495.2
Empty Freight Cars	10.0	5.4
1 0 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10.0	0.4
AVERAGE PER PASS. & MIXED TRAIN MILI	ES	
Passenger Receipts	1.81	1.61
Passengers Carried	55.7	58.3
Passenger Cars	6.0	5.9
AVERAGE PER FR. PASS. MIXED TRAIN MILI		
Operating Revenue	\$4.28	\$3.89
Operating Expenses	\$4.14	\$3.87
Average Lungth of Haul (Rev. Fr.) Mi	lles 247.8	239.9
	les 57.6	66.7
Average Tons per loaded Fr. Car	25.9	24.0
Ratio loaded to total Fr. Car Miles	65.4%	
Ratio of Pay Roll to Revenue	57.2%	79.1% 59.0%
Patio of Pay Roll to Operating Expen	ses 59.2%	59.3%
Av. Fr. Receipt per Rev. Ton Mile	1.2126	1.045¢
Av. Passegger Receipt per Pass. Per M	ile 3.248¢	2.758¢

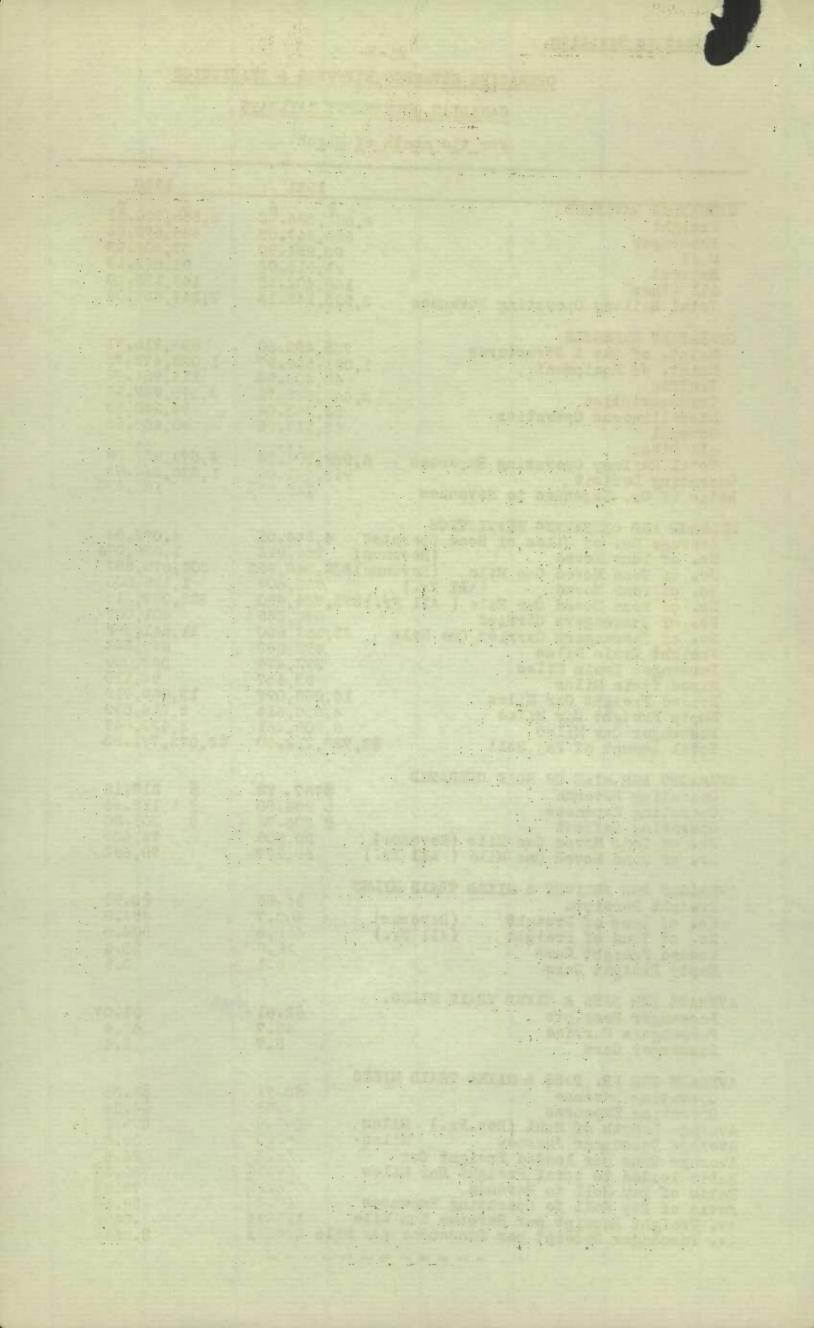


#### OPERATING REVENUES, EXPFNSES & STATISTICS

### CANADIAN GOVERNMENT RAILWAYS

For the month of March

	1921	1920
OPERATING REVENUES Freight Passenger Mail Express All Other Total Railway Operating Revenues	2,622,326.62 628,647.53 83,851.50 91,915.06 168,402.45 3,595,143.16	2,558,800.11 488,670.64 37,206.92 91,843.17 168,138.20 3,344,659.04
OPERATING EXPENSES  Maint. of Way & Structures  Maint. of Equipment  Traffic  Transportation  Miscellaneous Operation  General  All Other  Total Railway Operating Expenses	735,450.60 1,001,536.97 43,402.92 2,642,632.76 52,763.04 63,117.95 4,538,904.24	898,716.71 1,025,473.75 114,981.78 2,375,927.58 74,340,53 90,483.53 4,579,923,88 1,235,264.84
No. of Tons Moved One Mile (Reven No. of Tons Moved (AD1 Fr.) No. of Tons Moved One Mile (All 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	ne) 754,992 ne)232,348,963 932,604	136.93% 4,092.98 1,089,094 304,678,594 1,199,000 322,087,313 601,007 21,541,385 549,544 362,029 92,110 13,069,719 2,216,599 2,429,849 \$2,673,771.53
AVERAGES PER MILE OF ROAD OPERATED Operating Revenue Operating Expenses Operating Deficit No. of Tons Moved One Mile (Revenue) No. of Tons Moved One Mile (All Fr.		\$ 1,118.96 \$ 1,118.96 \$ 301.80 74,439 78,692
AVERAGES PER FREIGHT & MIXED TRAIN MII Freight Receipts No. of Tons of Freight (Revenue) No. of Tons of Freight (All Fr.) Loaded Freight Cars Empty Freight Cars	\$4.55 403.7	\$3.98 474.8 502.0 20.4 3.5
AVERAGE PER PASS & MIXED TRAIN MILES. Passenger Receipts Passengers Carried Passenger Cars	\$2.81 48.7 5.7	\$1:07 47:4 5.4
AVERAGE PER FR. PASS & MIXED TRAIN MIL Operating Revenue Operating Expenses Average Length of Haul (Rev.Fr.) Mile Average Passenger Journey Mile Average Tons per loaded Freight Car Ratio loaded to total Freight Car Mile Ratio of Pay Roll to Revenue Ratio of Pay Roll to Operating Expense Av. Freight Receipt per Revenue Ton Mile Av. Passenger Receipt per Passenger per	\$3.71 \$4.53 \$ 30748 \$ 4010 25.3 \$ 69.3% \$ 60.3% \$ 111296	\$3.33 \$4.56 279.8 35.8 24.6 85.5% 79.9% 58.3% .8406 2.2694



## OPERATING REVENUES, EXPENSES & STATISTICS.

# CANADIAN NATIONAL RY, SESTEM CANADIAN NORMETORN RI.

### For the month of March

		3.003	1920
OPERATING REVENUES		1921	1920
Freight		20,095.63	3,708;539:67
Passenger		99,533,25	812;083.48
Mail		76,633.03	38,092.08 115,105.42
Express All Other		51,949.40	218.756.08
Total Railway Operating Revenues		12,789.67	4,892,576,73
		18 3 ===	
OPERATING EXPENSES	4 . 0	00:500 25	1,482,872.78
Maint, of Way and Structures		20,599.25	1,335,056.70
Maint, of Equipment Traffic		04:496.67	98,650,20
Transportation		50.646.34	3,080,431.55
Miscellaneous Operation		01,981.71	79,622.81
General.		90,206.15	148,265.18 Dr. 51,425.22
All Other Total Railway Operating Expenses	6 7	96,744.52	6;173;464.00
Operating Deficit		34.122.39	1,280,887.27
Ratic of Op. Expenses to Revenues		1.16.07%	
MILEAGE AND OPERATING STATISTICS	a	0 757 /	9,653.6
Average No. of Miles of Road Operated No. of Hons Moved (Revenue)		9,757.4	1;164;966
No. of Tons Moved One Mile (Revenue)		2,969,880	350,763,947
No. of Tons Moved (All Fr.)		1.673.228	1,335,569
No. of Tons Moved One Mile (All Fr.)	47.	5,671,309	408,060,346
No. of lassengers Carried	9	437,123	432,318 28,082,310
No. of Passengers Carried One Mile Freight Train Miles	4	898,453	850,826
Passenger Train Miles		509,407	556,262
Mixed Train Miles		161.456	148,026
Loaded Freight Car Miles	1	6;762;548	. 16,720,111
Empty Freight Car Miles Passenger Car Miles	1	2,457,428 3,338,495	5,608,503 3,464,896
Total amount of Pay Roll		12,425.83	\$3,713,390.83
	-		
AVERAGES PER MILE OF ROAD OPERATED		A man man man man	Accesso
Operating Revenue Operating Expenses		\$ 595,75 \$691.49	\$506.79 \$639.47
Operating Deficit		\$ 95,74	\$132.68
No. of Tons Moved One Mile ( Revenue)		42,325	36;334
No. of Tons Moved One Mile ( All Fr.)		48,752	42,269
AVERAGES PER FREIGHT & MIXED TRAIN MILE	PC		
Freight Receipts	25	\$4.17	\$3.71
No. of Tons of Freight ( Revenue)		389.6	351.2
No. of Tons of Freight ( All Fr.)		449.8	408.5
Leaded Freight Cars		15.8	
Empty Freight Cars		11.8	5.6
AVERAGES PER PASS, & MIXED TRAIN MILES			
Passenger Receipts		\$1.34	\$1.15
Passengers Carried		40.5	39.9
Passonger Cars		5,0	4.9
AVERAGES PER FR. PRSSS& MIXED TRAIN MILE	S		
Operating Revenue		\$3.70	\$3.15
Eperating Expenses		\$4.30	\$3.97
Average Length of Haul (Rev.Fr.) Miles		283.1	301:1
Average Passerger Journey Average Tons per leaded Fr.Car		62.2	65.0
Ratio loaded to total Fr. Car Miles		57.4%	24.4 74.9%
Ratio of Pay Roll to Revenue		72.5%	75.9%
Ratio of Pay Roll to Operating Expenses		62.4	60,2
Average Freight Receipt per Rev. Ton Mile		1.070\$	1.057¢
Average Passenger Receipt por Pass.Per 1	mile	3.307¢	2.892¢

## OPERATING REVENUES, EXPENSES & STATISTICS

CANADIAN PACIFIC RAILWEY MONTREAL & ATLANTIC POL. ESQUIMALT & NAUAIMO RY.

For the month of March.

	1921	1920
OPERATING REVENUES	\$ \$	\$ 6
RReight	9,698,009.53	1I,039,091.85
Passenger	3,538,636.73	3,461,283,33
Mail	267,290.52	121,463.45
Express	535,962.90	505,115.89
Ail Other	842,692.87	877,445.40 16.004.399.92
Total Railway Operating Revenues	14,882,592.55	10,004,099,92
OPERATING EXPENSES		
Maint. of Way & Structures	1,503,954.34	2,072,336.33
Maint. of Equipment	3,200,795.54	4,105,035.63
Traffic	437,452,50	365,851.56
Transportation	6,754,784.79	6,910,315,54
Miscellaneous Operation	218,070.01	304,976.13
General	333,447.39	308,955,52
All Other	39 449 EO1 EN	14.067.400.77
Total Railway Operating Expenses Net Operating Revenue	12,448,504,57 2,434,087,08	14,067,498,71
Ratio of Op. Expenses to Revenues	83.64%	87.90%
	60.040	0109070
MIEEAGE AND OPERATING STATISTICS		
Average No. of Miles of Road Operated	13,785.8	13.772.1
No. of Tons Moved (Revenue)		3;048;726
No. of Tons Moved One Mile (Revenue)		1,079,450,900
No. of Tons Moved (All Fr.)		3,571,870
No. of Tons Moved One Mile (All Fr.)		1,191,569,807
No. of Passengers Carried	1.394.739	1,304,069
No. of Passengers Carried One Mile	107,849,596	126,285,719
Freight Train Miles Passenger Train Miles	1,400,681 1,530,388	1,959,897
Mixed Train Miles	147,742	1,661,937
Loaded Freight Car Miles	32,909,033	48;173,686
Empty Freight Car Miles	11,731,521	11,430,231
Passenger Car Miles	11,033,802	11,999,765
Total amount of Pay Roll	\$6,898,601.94	\$8,144,607.78
A STEED A CHEET A CHEET A CHEET A CHEET A CHEET A		
AVERAGES PER MILE OF ROAD OPERATED	# 7 ONO 54	X 7 :7 CO 7 O
Operating Revenue Operating Expenses	\$ 1.079.54	31,102.10
Net Operating Persons	902,98	\$1,162.10 \$1,021.46 \$ 140.64
No. of Tons moved one mile ( Rev.)	7 175.55 56.842	78,380
No. of Tons moved one mile ( All Fr.)	63,088	86.521
AVERAGES PER FR. & MIXED TRAIN MILES		
Freight Receipts	\$ 6.26	\$ 5.18
No. of Tons of Freight ( Revenue )	501.e5	506.4
No, of Tons of Freight ( All Fr. )		559.0
Loaded Freight Cars Empty Freight Cars	21.2	22:6
The Treatment cars	7.6	5.4.
AVERAGE PER PASS. & MIXED TRAIN MILE		
Passenger Receipts	\$ 2.10	\$ 1.88
Passengers Carried	64.3	68.9
Fassenger Cars	6.6	6.5
ATEDACE DED TO DAGE		
AVERAGE PER FR. PASS. MIXED TRAIN MILES		* 4.00
Operating Revenue Operating Expenses	<b>3 4.83</b> <b>3 4.04</b>	\$ 4.22
Everage Length of Haul (Rev.Fr.) Miles		354,1
Ferage Passenger Journey Miles	77.3	9648
erage Tons per loaded Fr. Car	26.1	24.7
Satio loaded to total Fr. Car Miles	73.7%	80.8%
Matio of Pay Roll to Revenue	48.5%	50.9%
Batio of Pay Roll to Operating Expense:	S block 70	57,5%
Av. Rr. Receipt per Rev. Ton Mile	1.2895	1.0838
Av. Dassenger Receipt per Pass. per Mile	o 3.233.	2.7416

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## OPERATING REVENUES, EXPENSES & STATISTICS

# GRAND TRUNK RAILWAY COMPANY OF CANADA

For the mont	h of Merch.	1920
OPERATING REVENUES Freight Passenger Mail Express All Other	4,443,596,83 1,376,026,16 109,447,33 188,783,66 154,066,57	4,345,953.43 1,058,396.85 52,424.30 148,695.53 186,946.93
Total Railway Operating Revenues	6,271,920,65	5,792,417.03
OPERATING EXPENSES  Maint. of Way & Structures  Maint. of Equipment  Traffic  Transportation  Misc. Operation  General  All Other  Total Hailway Operating Expenses  Net Operating Revenue  Ratio of Op. Expenses to Revenues	842,236.48 1,438,970.48 136,209.02 2,891,331.23 29,041.21 246,998.22 Cr. 36.25 5,584,720.39 687,200.16 89.04%	703.054.24 1,687.010.79 94.551.86 2,702.637.61 22.589.56 183.723.82 5,393.557.88 398.859.15 93.11%
	me) 1,767,102 me) 320,033,188 Fr.) 2,050,001 Fr.) 341,656,298	3,571 2,173,805 388,919,686 2,393,285 408,453,406 909,807 36,507,508 831,377 600,029 65,558 17,877,013 5,095,949 3,408,726
AVERAGES FER MINE OF ROAD OPERATED Operating Revenue Operating Expenses Not Operating Revenue No. of Mons Moved One Mile (Revenue No. of Tons Moved One Mile (All Fr		\$1,622.07 \$1,510.38 \$111.69 108.911 114,381
AVERAGES PER FR. & MIXED TRAIN MILES Freight Receipts No. of Tons of Freight ( Revenue ) No. of Tons of Freight ( All Fr. ) Lucded Freight Cars Emrty Freight Cars	\$5.58 402.1	\$4.84 433.6 455.4 19.9 5.7
AVERACE PER PASS. & MIXED TRAIN MILE Passenger Receipts Passengers Carried Passenger Cars	\$1.94 60.4 5.5	\$1.59 54.9 5.1
Operating Revenue Operating Expenses Average Length of Haul(Rev.Fr.) Mile Average Passenger Journey Average Tons per Loaded Freight Car Ratio loaded to total Fr. Car Miles Ratio of Pay Roll to Revenue Ratio of Pay Roll to Operating Expens Ag.Fr. Receipt per Revenue Ton Mile Av. Passenger Receipt per Pass. Per 1	\$4.34 \$3.86 181.1 40.0 23.9 63.2% 62.4% 70.1% 1.3886	\$3.87 \$3.60 178.9 40.1 22.8 77.8% 65.3% 70.2% 1.1176 2.8996

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Subject to Revision -7OPERATING REVENUES, EXPENSES & STATISTICS

## GRAND TRUNK PACIFIC RY.

Ror the Month of March

	1921	1920
OPERAMING REVINUES	\$ ¢	\$ ¢
	762.069.20	781,474,43
		175;273.49
	72,301.89	
Mail	27,375.87	11;835:00
Express	19:896.15	21,686.98
All Other	25.855.93	48,205.60
	07,499,04	1.038,475.50
TOTAL MALLWAY OPERATING HOVOILLOS 1,0	,01,200,00	2,000,2.00
AND MINE DEPOSITION		
OPERATING EXPENSES	- ma - Eag : 00	407 :077 :00
	373,533.92	491,037.69
Maint. of Equipment	130:372.87	473,313.59
Traffic	22,985.33	24,365.98
	325:792.48	642,911.79
Misc. Operation	6;661;89	18;160.79
	31 897.96	44.245.35
General		
	27,017.03	***
	64,227,12	1,694,035.69
Operating Deficit	556,728:38	655,560.19
Ratio of Op. Expenses to Revenue	165.18%	163.1.2%
MITTER AND AND ADEDA MINA COM MICHIGO		• •
MILEAGE AND OPERATING STATISTICS	2 207 3	2 807 3
Average No. of Miles of Road Operated	:000 : MMO	2,807.3
	268,379	252,737
No. of Tons Moved One Mile (Revenue) 11	5,822,029	75,537.185
No. of Tons Moved (All Fr.)	357.950	331.519
No. of Tons Moved One Mile (All Fr.) 14	5.538 165	96,254,272 74,339 8,331,568
No of Dougonmand Commind	. 64.325	74.239
No of Degravers Carried One Mile	5,658,092 252,143 141,445	9 337 559
No. of Passengers Carried One Mile	0,000,036	0,001,000
Freight Train Miles	257,140	220,285
Passenger Train Miles	141,415	105,995
Mixed Train Miles	34,813	38,070
Loaded Freight Car Miles.	5,155,692	4,375,826
Empty Freight Car Miles	4,289,344	2,180,250
	1,123,424	838,685
Total amount of Pay Roll \$8	359,876.55	\$878,732.71
AVERAGES PER MILE OF ROAD OPERATED		-
Oparating Revenue	\$ 358.92	\$ 369.96
Operating Expenses	\$ 592.88	\$ 603,50
Operating Deficit	\$ 233.96	\$ 369.96 \$ 603.50 \$ 235.54
No, of Tons Moved One Mile(Revenue)	41,252	26,910
No. of Tons Moved One Mile(All Fr.)	51,845	34,291
A TOTAL AND A SECOND SE		
AVERAGES PER FREIGHT & MIXED TRAIN MILES	**	
Freight Receipts	\$ 2,66	\$ 3.02
No. of Tons of Freight ( Revenue )	403,5	292.4
No. of Tons of Freight ( All Fr. )	507,1	372.6
Leaded Freight Cars	18:0	1.6.9
Emply Freight Cars	14.9	8.4
	7-797	0.4
AVERAGES PER PASS. & MIXED TRAIN MILES		
	A own	A = 00
Passenger Receipts	\$ .977	\$ 1.22
Passengers Carried	32.1	57.8
Pasuenger Cars	6.4	5.8
AVERAGES PER FR. PASS. & MIXED TRAIN MILE	S ·	
Operating Revenues	2:35	2:85
Operating Expenses	3 <sub>c</sub> 33	
		4.65
Average Length of Haul (Rev.Fr.) Miles		298:9
Average Passenger Journey Miles	87.1	112.0
Average Tons Per Londed Freight Car	26,82	22,0
Ratic loaded to total Freight Car Miles	54.5%	66:7%
Ratio of Pay Roll to Revenue	85,3%	84 - 5%
Ratio of Pey Roll to Operating Expenses	B 51,7%	51.9%
Av. Freight Raceipt per Revende Ton Mil		
Av. Passenger Receipt per Pass. Per Mile		1.035g
and a constant of the same and trans	2	2.101¢
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