

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

MARCH

1928

Published by authority of the Hon. James Malcolm, M. P., Minister of Trade and Commerce.

OTTAWA

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DEPARTMENT OF TRADE AND COMMERCE DOMINION BUREAU OF STATISTICS TRANSPORTATION BRANCH OTTAWA

Dominion Statistician, R.H. Coats, B.A., F.S.S., (Hon.) F.R.S.C. Chief, Transportation 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 MARCH, 1928

The Canadian railways carried more freight during March, 1923, than in any previous March. Gross revenues also were the largest earned in March, exceeding those of March last year by \$2,135,479, or 5.3 per cent. Although operating expenses were heavier than in 1927 by \$1,252,220, or 3.9 per cent, net revenues were larger by \$883,259. The large carryover of grain has been an important factor in the heavy traffic and earnings of the railways during the first quarter of 1928, the movement of grain to the Pacific ports being particularly heavy. The March pay roll was heavier than in 1927 by \$1,037,133 and the average number of employees increased by 3,022.

For the quarter, gross revenues showed an increase of \$18,429,134 and net revenues an increase of \$13,445,146.

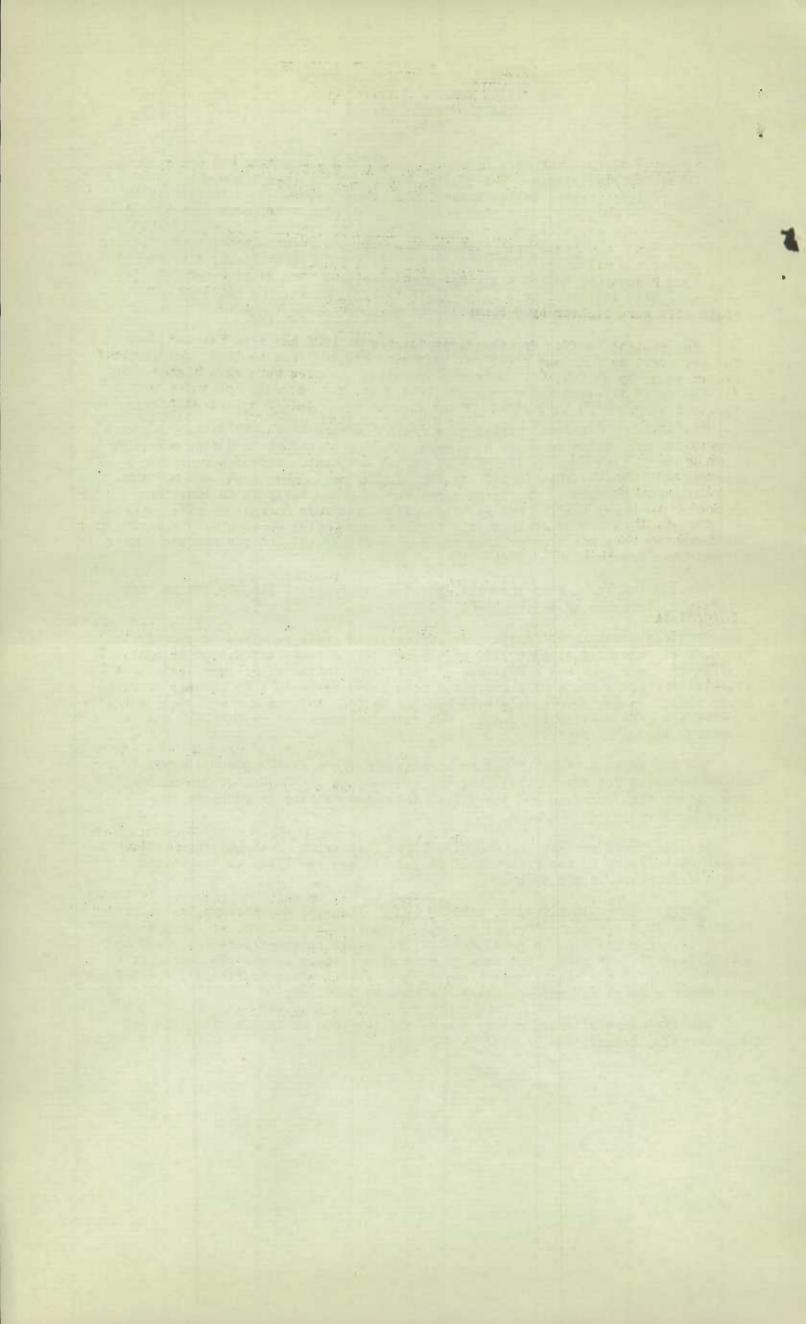
CANADIAN NATIONAL RAILWAYS: The increase in gross revenues, compared with March, 1927, amounted to \$756,717, or 4.5 per cent for an increase in freight traffic of 4 per cent and a decrease in passenger traffic of 6.3 per cent. The average receipts per ton mile increased from 1.044 cents to 1.067 cents, or by 2 per cent. Operating expenses were heavier by \$320,801, or 2.4 per cent, all general accounts showing increases. Net revenues increased by \$435,916 and the operating income by \$458,453.

The New England lines showed an operating deficit of \$42,994, as against net revenues of \$23,204 in 1927, but the other lines in the United States more than offset this decrease and the system net revenue showed an increase of \$448,866.

For the three months, the Canadian lines (exclusive of the Eastern lines) showed an increase in net revenues of \$2,347,173 and the lines in the United States a decrease of \$98,897.

CANADIAN NATIONAL RAILWAYS, EASTERN LINES: Despite an increase in freight traffic of 14.3 per cent, freight revenues were less by \$24,420, or 1.4 per cent, and, with a decline also in passenger traffic, gross revenues were decreased by \$52,094, or 2.1 per cent. The average receipt per ton mile was .796 cent, or a decrease of 13.7 per cent. Operating expenses were heavier by \$130,273, or 5.3 per cent which reduced the net operating revenues by \$182,368.

For the quarter, gross revenues were smaller than in 1927 by \$229,924 and the operating deficit was greater by \$529,480.



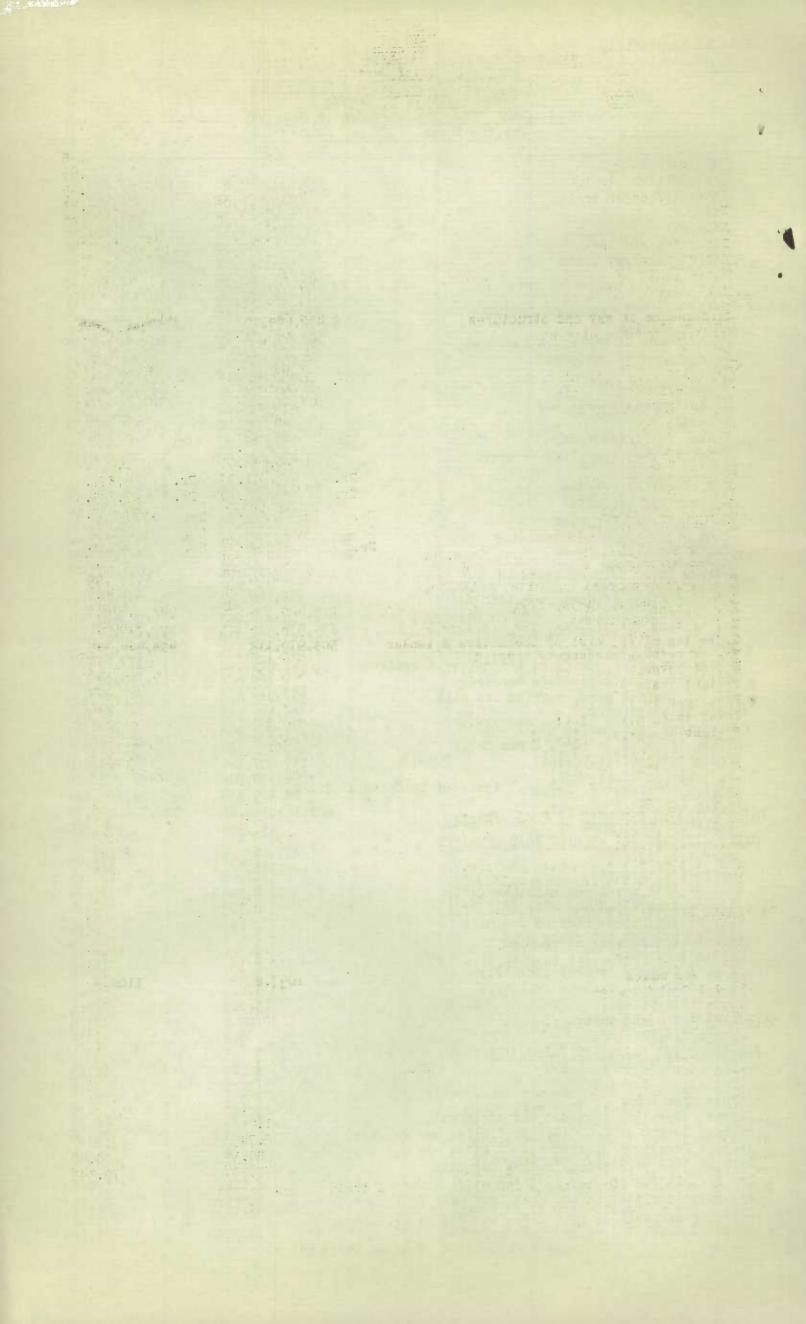
CANADIAN PACIFIC RAILWAY: Gross revenues for March were heavier than in 1927 by \$1,354,248, or 8.8 per cent. Passenger and express revenues showed decreases, but all other accounts were larger, freight revenues increasing by \$1,382,212, or 12.5 per cent. The increase in operating expenses amounted to \$728,346, or 5.9 per cent, making the net operating revenue larger by \$625,901. Freight revenue per train mile increased by 25 cents from a higher average revenue per ton mile, the revenue tons per train being practically the same as in 1927. Passenger traffic was lighter and, although the average receipts per passenger mile increased from 2.733 cents to 2.770 cents, the earnings per train mile were lighter by 9 cents.

The freight traffic for the first quarter of 1928 has been heavier than for any previous year and gross revenues were greater than in 1927, the previous record year, by \$4,021,865. Although operating expenses were also higher than for the first three months of any previous year, net operating revenues were larger than for 1927 by \$1,788,437 and the operating income was greater by \$1,651,673.

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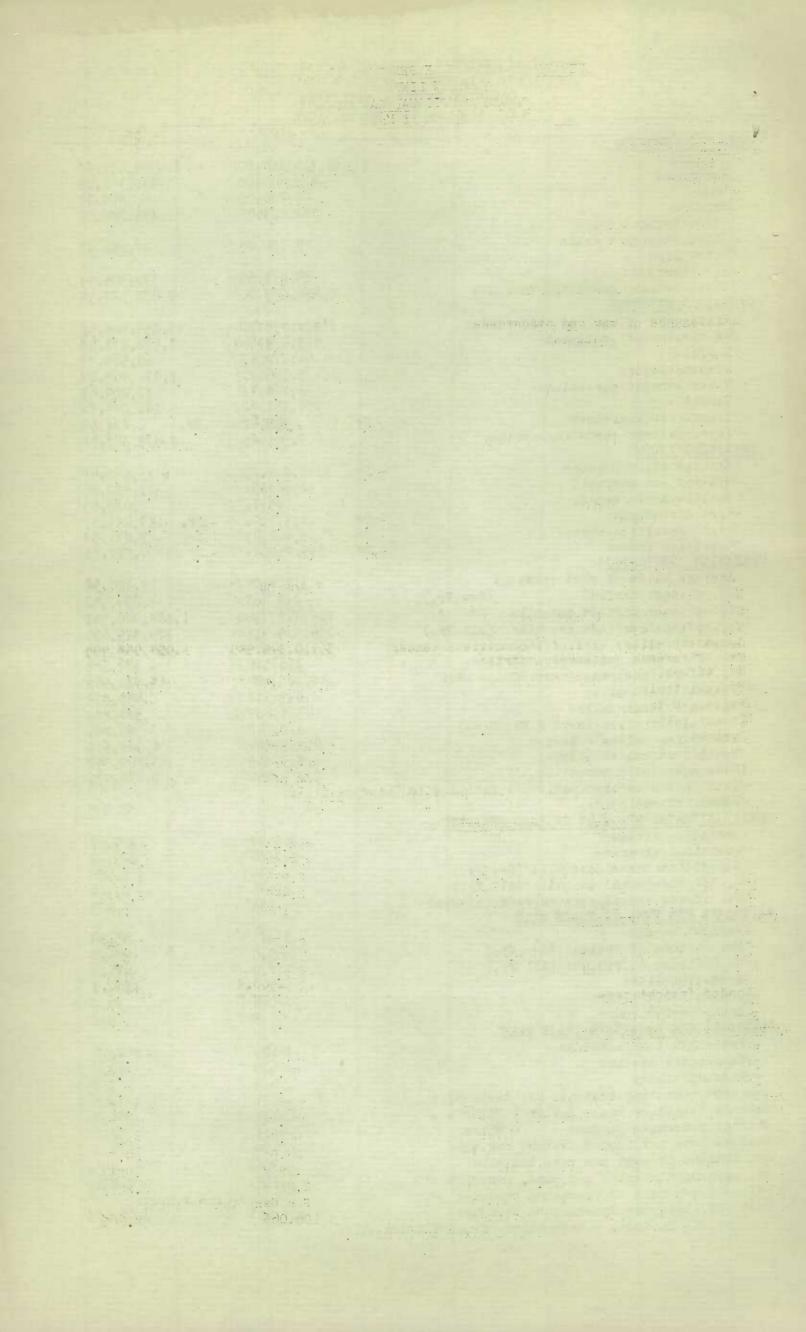
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For the Month of March			
		1928	1927
OPERATING REVENUES			400 (70 70 1)
Freight		\$31,811,893.32	\$29,631,890.40
Passenger		6,115,870.30	6,252,243.05
Mail		622,473.32	618,560.58
Express Other freight train		4,640.30	2,607.49
Other passenger train		594,183.28	547,976.33
Water line		61,367.52	48,300.83
All other		1,696,652.75	1,600,453.00
Total railway operating revenues		42,494,713.16	40,359,233.34
OPERATING EXPENSES			
Maintenance of way and structures		\$5,660,817.51	\$5,229,208,46
Maintenance of equipment		8,248,784.31	8,048,826,14
Traffic		1,398,455.12	1,372,681.13
Transportation		16,643,102.85	15,964,881.76
Miscellaneous operations		414,418.20	389,511.83
General	a -	1,059,475.48	1,063,253.31 Cr. 47,292.48
Trans. for investment	Gr.	151,762.57	32,021,070,15
Total railway operating expenses OPERATING INCOME		33,273,290.90	32,021,070:19
Net operating revenue		\$9,221,422.26	\$8,338,163.19
Railway tax accruals		703,663.57	707,698.69
Uncollectable revenues		1,685.09	1,299.87
Hire of equipment	Dr.		Dr. 6,877.27
Joint facilities rents	Dr.	1	Dr. 27,289.51
Operating income		8,470,945.92	7,594,997.85
OPERATING STATISTICS			
Average miles of road operated		39,637.92	39,355.33
No. of tons carried (Rev.Fr.)		10,835,655	10,689,799
No. of tons carried one mile " "		2,923,456,738	2,774,767,011
No. of tons carried one mile (All Fr.)		3,328,338,021	3,139,852,306
Gross ton miles, excl. of locomotive & tender		7,541,688,794	7,140,417,042
No. of revenue passengers carried No. of revenue pass. carried one mile		3,420,069	232,791,723
# Freight train miles		5,751,179	5,584,635
# Passenger train miles		4,003,966	3,955,393
Total train miles (Rev. & Non Rev.)		10,039,408	9,713,073
Freight car miles-loaded		139,407,124	131,455,810
Freight car miles-empty		56,394,001	58,292,488
Passenger train car miles		28,569,598	28,209,820
Total amount of pay roll		\$21,363,392.86	\$20,326,259.77
Number of employees		157,304	154,282
DAILY AVERAGES PER MILE OF ROAD OPERATED		Anl ea	\$77 Ag
Operating revenue		\$34.58	\$33.08 \$26.25
Operating expenses No. of tons moved one mile (Rev.Fr.)		\$27.08	2,274
No. of tons moved one mile (All Fr.)		2,709	2,574
No. of rev. pass. carried one mile		181	191
#AVERAGES PER FREIGHT TRAIN MILE			
Freight revenue		\$5.53	\$5.31
No. of tons of freight (Rev.Fr.)		508.3	496.8
No. of tons of freight (All Fr.)		578.7	566,2
Gross ton miles		1311.3	1278,6
Loaded freight cars		24.2	23.5
Empty freight cars		9.8	10.4
#AVERAGES PER PASSENGER TRAIN MILE		\$2.23	\$2.29
Passenger train revenues Passengers carried		55.6	58.9
Passenger cars		7.1	7.1
Average operating expenses per train mile		\$3.31	\$3.30
Average length of haul (Rev.Fr.) Miles per railwa	у	269.8	259.6
Average Passenger journey Miles per railwa		65.1	64.5
Average tons per loaded freight car mile		23.9	23.9
Av. freight receipt per rev. ton mile		1.088¢	
Av. passenger receipt per pass. per mile		2.749¢	2.685¢
Ratio of pay roll to operating revenues		50.3%	50.4%
Ratio of operating expenses to revenues	4.00	78.30%	79.34%
# Contains a proportion of mixed	ura	In miles.	



OPERATING REVENUES, EXPENSES & STATISTICS EASTERN LINES CANADIAN NATIONAL RAILWAYS

For the month of March, 1928					
	1928	1927			
'CPERATING REVENUES					
Freight	\$1,714,182.00	\$1,738,602.00			
Passenger	411,633.00	438,348:00			
Mail	65,200.00	66,848.17			
Express	132,218.36	151,294.02			
Other freight train	110 700 05	77 396 99			
Other passenger train	48,788.05	37,186.82			
Water Line	84,071.59	75,908.93			
All other Total railway operating revenues	2,456,093.00	2,508,187.94			
OPERATING EXPENSES	2,490,099.00	2, 500, 107,			
Maintenance of way and structures	\$ 402,695.90	\$ 394,888.52			
Maintenance of equipment	523,035.74	516,872.36			
Traffic	64,279.17	65,568.57			
Transportation	1,475,345.21	1,372,865.27			
Miscellaneous operations	32,124.43	30,209.15			
General	107,761.22	101,044.84			
Trans. for investment	Cr. 340.42	Cr. 6,821.19			
Total railway operating expenses .	2,604,901.25	2,474,627.52			
OPERATING INCOME					
Net operating revenue	Dr. \$148,808.25	\$ 33,560,42			
Railway tax accruals	21,608.01	21,927.25			
Uncollectable revenues	45.11	88.09			
Hire of equipment	Dr. 11,171.46	Dr. 17,455.51			
Joint facilities rents	Dr. 3,622.35	Dr. 1,831.58			
Operating income	Dr. 185,255.18	Dr. 7,742.01			
OPERATING STATISTICS	3,108.04	7 107 00			
Average miles of road operated	738,667	3,107 .99 634,967			
No. of tons carried (Rev.Fr.) No. of tons carried one mile " "	215,449,736	188,443,557			
No. of tens carried one mile (All Fr.)	235,575,315	222,749,321			
Gross ton miles, excl. of locomotive & tender	503,970,112	498,466,385			
No. of revenue passengers carried	336,126	377,608			
No. of revenue pass. carried one mile	18,585,484	19,730,500			
# Freight train miles	459,312	452,975			
# Passenger train miles	328,687	324,895			
Total train miles (Rev. & Non Rev.)	810,349	792,201			
Freight car miles - Loaded	9,445,084	9,028,545			
Freight car miles - Empty	2,865,805	3,900,347			
Passenger train car miles	2,265,966	2,280,421			
Total amount of pay roll (Included in Car					
Number of employees " "	11 11				
DAILY AVERAGES PER MILE OF ROAD OPERATED	And lin	400 07			
Operating revenue	\$25.49	\$26.03			
Operating expenses	\$27.04	\$25.68			
No. of tons moved one mile (Rev.Fr.)	2,236	1,956			
No. of tons moved one mile (All Fr.)	2,445 193	2,312			
No. of rev. passengers carried one mile #AVERAGES PER FREIGHT TRAIN MILE	17)	207			
Freight revenue	\$3.73	\$3.84			
No. of tons of freight (Rev.Fr.)	469.0	416.0			
No. of tons of freight (All Fr.)	512.9	491.7			
Gross ton miles	1097.2	1100.4			
Loaded freight cars	20.6	19.9			
Empty freight cars	6.2	8.6			
#AVERAGES PER PASSENGER TRAIN MILE					
Passenger t rain revenues	\$2.00	\$ 2.14			
Passengers carried	56.5	60.7			
Passenger cars	6.9	7.0			
Average operating expenses per train mile	\$3.21	\$ 3.12			
Average length of haul (Rev.Fr.) Miles	291.7	296.7			
Average passenger journey Miles	55.3	52.2			
Average tons per loaded freight car mile	24.9	24.7			
Av. freight receipt per rev. ton mile	.796¢	.923¢			
Av. passenger receipt per pass. per mile	2.215¢	2.221¢			
Ratio of pay roll to operating revenues		dian National 98.66%			
Ratio of operating expenses to revenues	106.06%	90.00%			
# Contains a proportion of mixed train	I miles.				



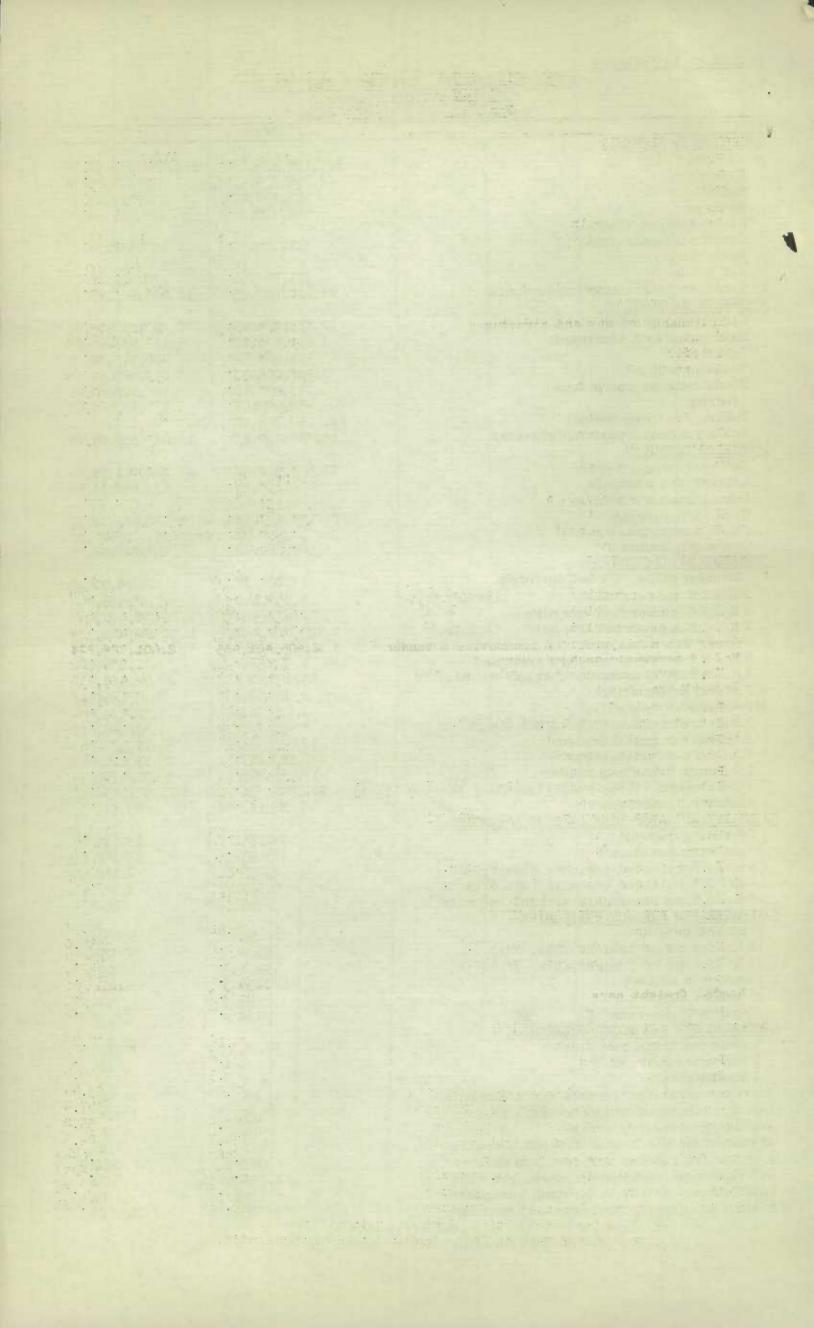
OPERATING REVENUES, EXPENSES & STATISTICS CANADIAN NATIONAL RAILWAYS For the Month of March 1928

For the Month of March,	1928	
^	1928	1927
OPERATING REVENUES		
Freight	\$13,150,434.17	\$12,364,775.77
Passenger	2,278,935.56	2,331,370,86
Mail	193,157.47	191,518.25
Express	805,390,16	838,021.36
Other freight train	-	-
Other passenger train	211,109.70	197,532.53
Water line		7-0-0-1-0-
All other	771,260.69	730,351.35
Total railway operating revenues	17,410,287.75	16,653,570.12
OPERATING EXPENSES	\$2,317,884.45	\$2,237,122.93
Maintenance of way and structures	3,211,436.82	3,174,971.27
Maintenance of equipment Traffic	481,264.54	466,915.32
Transportation	7,307,000.37	7,037,999.91
Miscellaneous operations	137,097.10	127,028.67
General	452,002.05	431,707.71
Trans. for investment	Cr. 150,316.10	cr. 40,177.60
Total railway operating expenses	13,756,369.23	13,435,568.21
OPERATING INCOME	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Net operating revenue	\$3,653,918.52	\$3,218,001.91
Railway tax accruals	254,135.84	271,630.41
Uncollectable revenues	1,534.22	1,078.87
Hire of equipment	Cr.133,567.18	Cr. 138,489.13
Joint facilities rents	Cr. 37,454.08	Cr. 27,034.57
Operating income	3,569,269.72	3,110,816.33
OPERATING STATISTICS		
Average miles of road operated	17,801.74	17,746.32
No. of tons carried (Rev.Fr.)	4,037,542	3,854,542
No. of tons carried one mile " "	1,232,677,924	1,184,920,321
No. of tons carried one mile (All Fr.)	1,419,024,248	1,389,379,635
Gross ton miles, excl.of locomotive & tender	3,110,349,985	3,054,958,955
No. of revenue passengers carried	1,375,027	1,526,789
No. of rev. passengers carried one mile	83,323,283	88,888,011
# Freight train miles	2,220,426	2,235,894
# Passenger train miles	1,614,218	1,584,811
Total train miles (Rev. & Non Rev.)	3,979,527	3,910,426
Freight car miles-loaded	57,405,140	56,020,374
Freight car miles-empty	23,107,222	23,890,207
Passenger train car miles	11,154,026	10,912,795
Total amount of pay roll (Including Eastern Lines		\$ 11,072,952
Number of emotoyees	85,657	85,529
DAILY AVERAGES PER MILE OF ROAD OPERATED	\$31.55	\$30.27
Operating revenue	\$24.93	\$24.42
Operating expenses	2,234	2,154
No. of tons moved one mile (Rev.Fr.)	2,571	2,526
No. of tons moved one mile (All Fr.) No. of rev. passengers carried one mile	151	162
#AVERAGES PER FREIGHT TRAIN MILE	1)1	
Freight revenue	\$5.92	\$5.53
No. of tons of freight (Rev. Fr.)	555.2	530.0
No. of tons of freight (All Fr.)	639.1	621.4
Gross ton miles	1400.8	1366.3
Loaded freight cars	25.9	25.1
Emoty freight cars	10.4	10.5
#AVERAGES PER PASSENGER TRAIN MILE		
Passenger train revenues	\$2.16	\$2.25
Passengers carried	51.6	56.1
Passenger cars	6.9	6.9
Average operating expenses per train mile	\$3.46	\$3.44
Average length of haul (Rev.Fr.) Miles	305.3	307.4
Average passenger journey Miles	60.6	58.2
Average tons per loaded freight car mile	24.7	24.8
Av. freight receipt per rev. ton mile	1.067¢	1.044¢
Av. passenger receipt per pass. per mile	2.735¢	2.623¢
x Ratio of pay roll to operating revenues	57.8%	57.8%
Ratio of Operating Expenses to Revenues	79.01%	80.68%

Corrating Expenses to Revenues 79.03

Contains a proportion of mixed train miles.

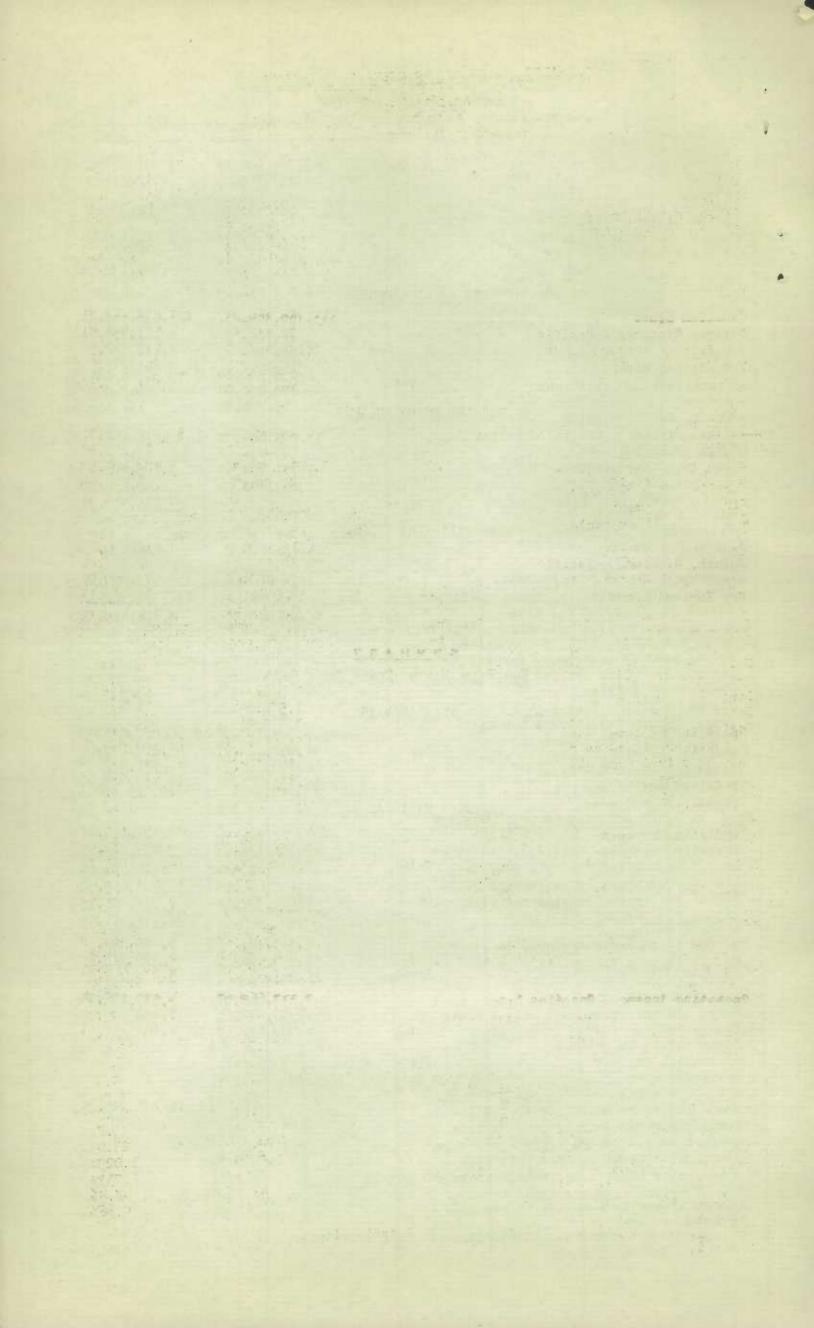
x Revenue of Eastern Lines included to determine ratio.



OPERATING REVENUES, EXPENSES & STATISTICS CANADIAN PAGENTO RAILWAY

For the Month of March, 1928				
	1925	1927		
OPERATING FEVENUES	420 707 100	477 075 1170 06		
l'acign't	\$12,397,50.29	\$11,015,438.26		
Passenger	2,617,508.78	2,721,608.76		
Mail	310,690.09	309,743.36		
Express	444,287.00	445.755.30		
Other freight train	4,404.95	949.78 282,720.78		
Other passenger train	304,112.25	48,300.83		
Water line All other	61,367.52 679,733,35	640,368.73		
Total railway operating revenues	16,819,134.23	15,464,885.80		
OPERATING EXPENSES	10,019,194.29	19,404,889.80		
Maintenance of way and structures	2,177,728.52	1,919,509.46		
Maintenance of equipment	3,563,598.21	3,407,468.65		
Traffic	761,507.57	753,288.21		
Transportation	6,036,522.69	5,716,685.51		
Miscellaneous operations	192,876.94	187,840.41		
General	315,771.77	334,866.60		
Trans, for investment		-		
Total railway operating expenses	13,048,005.70	12,319,658.84		
CPERATING INCOME	Carlo Indiana de la			
Net operating revenue	3,771,128.53	3,145,226.96		
Railway tax accruals	293,778.59	290,372.40		
Uncollectable revenues		-		
Hire of equipment	cr. 130,140.46	Cr. 127,696.37		
Joint facilities rents	cr. 25,716.20	Cr. 1,643.93		
Cperating income	3,633,206.60	2,984,194.86		
OPERATING STATISTICS				
Average miles of road operated	14,241.8	14,004.0		
No. of vons carried (Rev.Fr.)	2,887,133	2,626,099		
No, of tens carried one mile " "	1,140,671,290	1,070,992,993		
No. of tons carried one mile (All Fr.)	1,330,194,924	1,189,406,705		
Gress ton miles, excl. of locomotive & tender	2,905,401,985	2,601,728,278		
No. of revenue passengers carried	1,247,624	1,226,160		
No. of rev. pass. carried one mile	94,482,013	99,575,533		
# Freight train miles	2,307,178	2,146,163		
# Passenger train miles	1,578,644	1,554,434		
Total train miles (Rev. & Non Rev.)	3,975,714 53,856,764	3,756,632 47,572,367		
Freight car miles-loaded		19,114,664		
Freight car miles-empty	18,515,191 11,546,181	11,471,053		
Passenger train car miles Total amount of pay roll	\$8,065,121.10	\$7,503,594.33		
Number of employees	58,978	56,153		
DAILY AVERAGES PER MILE OF ROAD OPERATED	90,9,0	Jo, ± JJ		
Operating revenue	\$38.10	\$35.62		
Operating expenses	\$29.55	\$28.38		
No. of tens moved one mile (Rev. Fr.)	2,584	2,467		
No. of tens moved one mile (All Fr.)	3,013	2,740		
No. of rev. pass. carried one mile	214	229		
#AVERAGES PER FREIGHT TRAIN MILE				
Freight revenue	\$5.38	\$ 5.13		
No. of tons of freight (Rev.Fr.)	494.4	1;99.0		
No of tons of freight (All Fr)	576.5	554.2		
Gross ton miles	1259.3	1212.3		
Loaded freight cars	23.3	22.2		
Empty freight cars	8.0	8.9		
#AVERAGES PER PASSENGER TRAIN MILE				
Passenger train revenues	\$2.33	\$2,42		
Passengers carried	59.9	64.1		
Passenger cars	7.3	7.4		
Average operating expenses per train mile	\$3.28	\$3.28		
Average length of haul (Rev. Fr.) Miles	395.1	407.7		
Average passenger journey Miles	75.7	81.2		
Average tons per loaded freight car mile	24.7	25.0		
Av. freight receipt per rev. ton mile	1.0874	1.0294		
Av. passenger receipt per pass. per mile	2.770¢	2.7334		
Ratio of pay roll to operating revenues	48.0%			
Ratio of operating expenses to revenues	77.58%	79.66%		

[#] Contains a proportion of mixed train miles.



(Steam Lines in Canada and United States) For the Month of March, 1928

OPERATING REV		1027		
	1928	1927		
Canadian Lines	\$17,410,287.75	\$16,653,570.12		
Duluth, Winnipeg & Pacific Grand Trunk Western Lines	239,288.00 3,246,462.00	234,788.00		
New England Lines	261,612.25	278,578.30		
Tota		20,267,106.42		
OPERATING EXP	PENSES			
Canadian Lines	\$13,756,369.23	\$13,435,568.21		
Duluth, Winnipeg & Pacific	172,232.89	177,496.01		
Grand Trunk Western Lines	2,189,668.63	2,112,762.50		
New England Lines	304,606.91	255,373.66		
Tota	16,422,877.66	15,981,200.38		
NET OPERATING R	LEVENUE			
Canadian Lines	\$3,653,918.52	\$3,218,001.91		
Duluth, Winnipeg & Pacific	67,055,11	57,291.99		
Grand Trunk Western Lines New England Lines	1,056,793.37 Dr. 42,994.66	987,407.50		
Tota	1 1 1	4,285,906.04		
OPERATING I		1,20,,00.0+		
Canadian Lines	3,569,269.72	3,110,816.33		
Duluth, Winnipeg & Pacific	34,837.34	42,354.62		
Grand Trunk Western Lines	690,103.65	579.660.00		
New England Lines	Dr. 127,781:41	Dr. 61,425:13		
Tota	4,166,429.30	3,671,405.82		
C II W W A	D V			
S U M M A				
For Three Months E		1027		
ALL RAILW	1928 1AYS	1927		
Operating Revenues	\$118,709,177.28	\$110 280.043.45		
Operating Expenses	98,692,208.57	93,708,220.69		
Net Operating Revenues	20,016,968.71	16,571,822.76		
Operating Income	17,474,003.46	14,387,669.97		
CANADIAN NATION	TAL RAILWAYS			
Operating Revenues- Canadian Lines	\$49,435,850.26	\$45,101,150.28		
United States Lines	10,182,172.74	9,893,479.61		
Total	59,618,023.00	54,994,629.89		
Operating Expenses- Canadian Lines	41,607,682.58	39,620,155,30		
United States Lines	7,486,346.29	7,098,755.75		
Total				
Net Operating Revenues-Canadian Lines	7,828,167.68 2,695,826.45	5,480,994.98		
United States Lines Total	10,523,994.13	8,275,718.84		
		4,997,176.74		
Operating Income - Canadian Lines United States Lines	7,317,669.07	1,358,950.79		
Total	8,590,364.68	6,356,127.53		
TA COMPONE	TIME			
EASTERN LINES CANADIAN NATIONAL RAILWAYS				
Operating Revenues	\$6,242,826.00	\$6,472,750.31		
Operating Expenses	7,422,842.26	7,123,287.26		
Net Operating Revenue	Dr. 1,180,016.26	Dr. 650,536.95		
Operating Income	1,300,870.99	740,859.38		
CANADIAN PACIFIC RAILWAY				
Operating Revenues	\$47,224,974.55	\$43,203,109.39		
Operating Expenses	38,588,131,29	36,354,702.89		
Net Operating Revenue	8,636,843.26	6,848,406.50		
Operating Income	8,114,301.10	6,462,628.24		

