

CANADA

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

NOVEMBER

1929

Published by Authority of the Hon. James Malcolm, M.P..

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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 AND STATISTICS STEAM RAILWAYS OF CANADA

WITH ANNUAL OPERATING REVENUES OF \$500,000

FOR THE MONTH OF NOVEMBER, 1929

Revenues of Canadian railways amounting to \$41,480,967 were the smallest for November for the past five years, being less than for November, 1928, by \$14,128,240, or 25.4 per cent. This slump in the revenues was largely due to the light movement of grain, the total revenue ton miles being less than in 1928 by 49.1 per cent. Operating expenses were reduced as compared with last year by \$6,809,890, but the net operating revenue was less by \$7,318,350. Passenger traffic also showed a decrease of 12.1 per cent. The average load per car mile was less by 4.9 tons and the freight train loading decreased by 186.5 gross tons.

For the eleven months, January - November, gross operating revenues were \$488,943,357 as against \$508,632,520 in 1928 and the operating income was less than in 1928 by \$16,855,846.

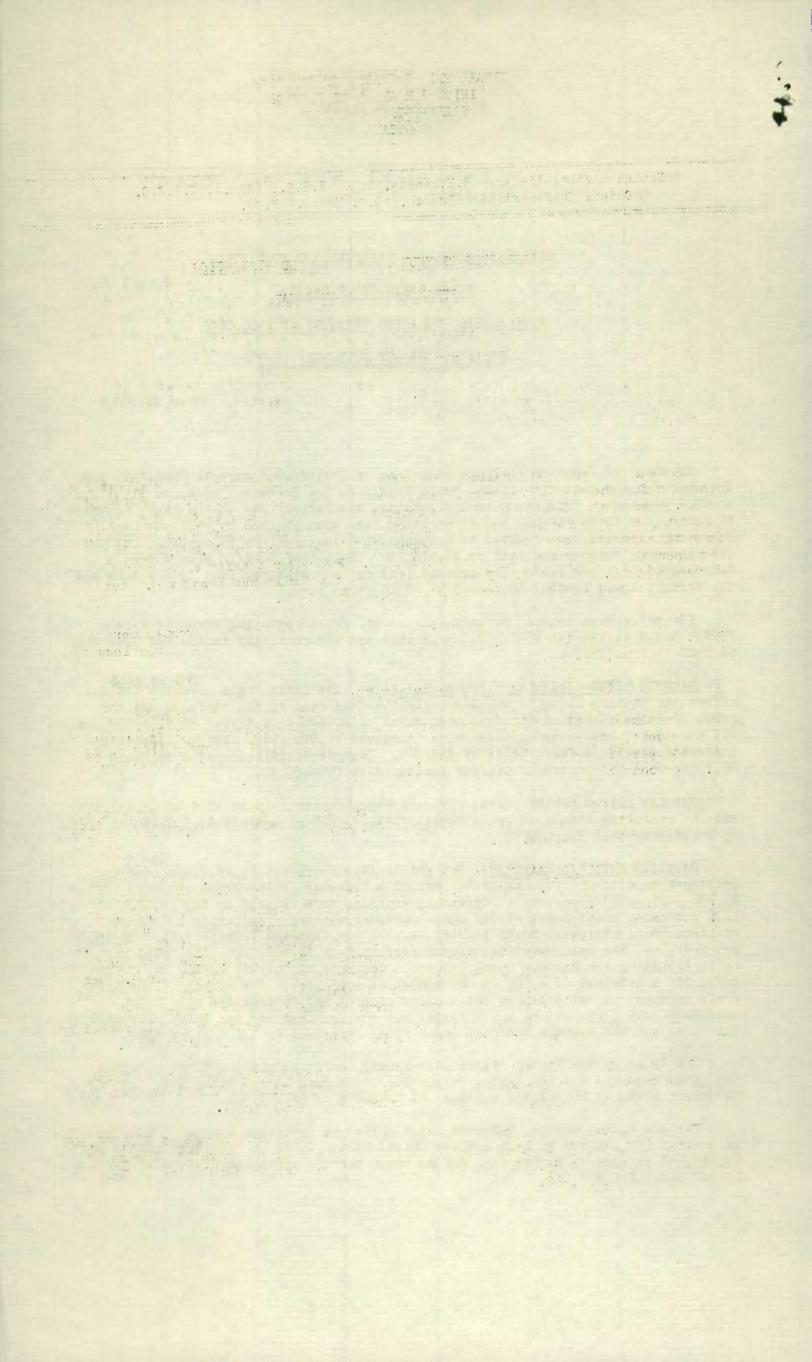
EASTERN LINES- CANADIAN NATIONAL RAILWAYS: The light grain movement did not affect the Eastern Lines to the same extent as the rest of the railways and the gross revenues showed an increase over those of November last year of \$151,592, or 6.7 per cent. Operating expenses also increased by \$166,842, thereby increasing the net operating revenue debit by \$15,249. Freight traffic showed a decrease of 20.2 per cent but passenger traffic increased by 15 per cent.

For the eleven months, gross revenues were heavier than in 1928 by \$2,933,556 and the operating income showed a debit of \$3,641,710 as against \$4,750,880 in 1928, or a betterment of \$1,109,170.

CANADIAN NATIONAL RAILWAYS: Freight traffic decreased by 48.7 per cent and passenger traffic by 17.9 per cent, causing a decrease in the gross revenues of \$5,486,904, or 23.8 per cent. Operating expenses were reduced by \$2,018,179, or 11.9 per cent, maintenance of way and structures showing practically no change, maintenance of equipment being lighter by 16.1 per cent and transportation by 15.2 per cent, and the net operating revenue decreased by \$3,468,724. The total pay roll, including the Eastern Lines, showed a decrease of only \$530,985, or 4.2 per cent, for a decrease of 4,665 in the number of employees. The effect of the light grain movement is reflected in the average receipt per revenue ton mile which increased 20m. 769 cent to 1.075 cents, the average load per car which decreased by 5.1 tons, and the average load per train which decreased by 181.3 gross tons.

The lines in the United States also showed decreased gross and net earnings, the gross revenues for the system (exclusive of Eastern Lines) being less than for November, 1928, by \$6,354,310 and the net revenues by \$4,163,421.

For the eleven months, Canadian lines showed an operating income of \$28,799,105 as against \$39,169,690 in 1928 and the United States lines an operating income of \$5,485,648 as against \$5,569,445, the decrease for the system (exclusive of Eastern Lines) being \$10,454,382.



CANADIAN PACIFIC RAILWAY: Freight traffic showed a reduction of 56.5 per cent as compared with November, 1923, and passenger traffic a decrease of 12.2 per cent. The gross revenues, amounting to \$16,188,604, were less than last year by \$8,303,028, or 33.9 per cent, and were the lightest of any November in the past seven years. Operating expenses were reduced by \$4,966,909, or 30.9 per cent, maintenance of way and structures being reduced by \$1,669,684, or 53 per cent and maintenance of equipment by \$1,193,161, or 30 per cent, and the total pay roll showed a reduction of \$1,960,882, or 21.5 per cent.

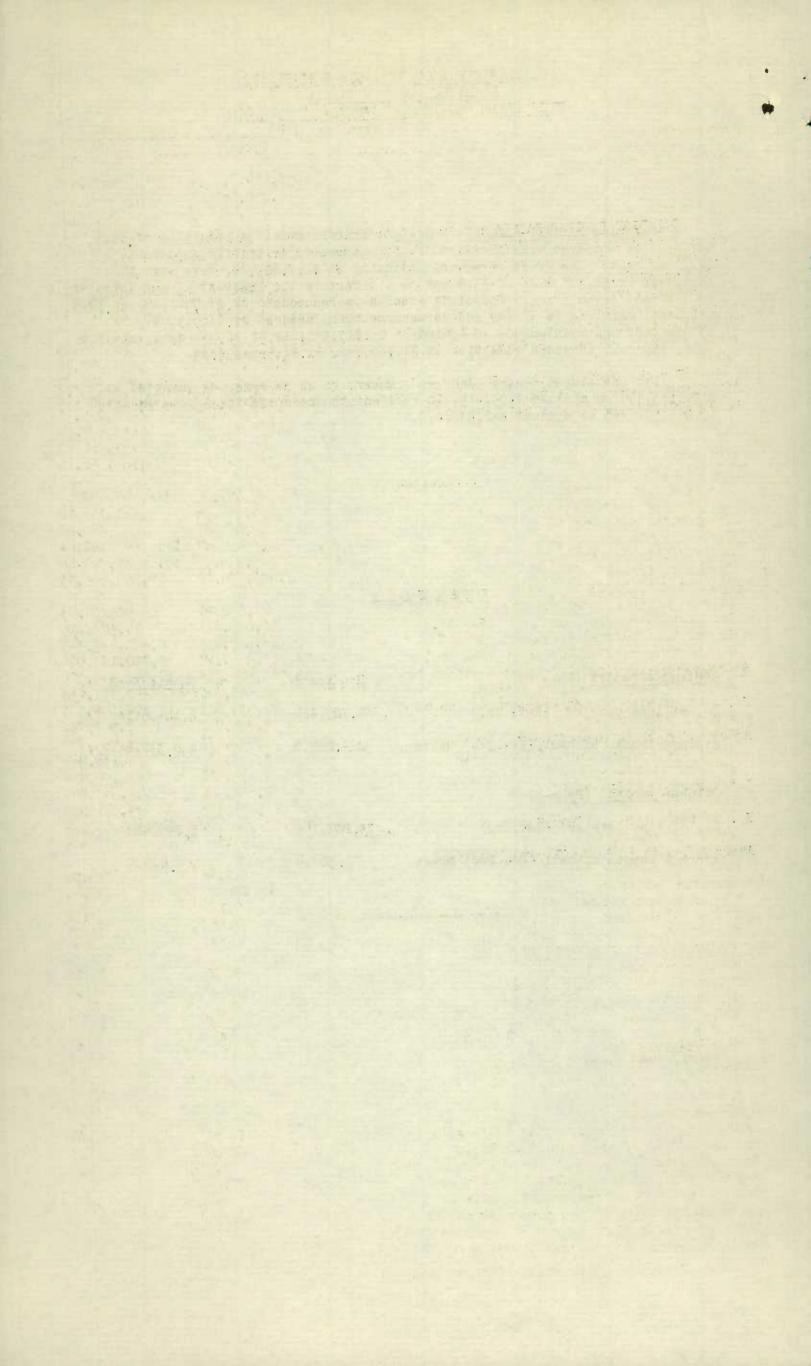
For the eleven months, January - November, gross revenues amounted to \$196,183,499 as against \$209,419,410 in 1928 and the operating income amounted to \$39,991,275 as against \$48,537,678.

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September report (Page 6)	Reads	Should Read
No. of tons carried (Rev. Fr.)	4,780,820	4,154,541
Average length of haul (Rev.Fr.) Miles	289.0	332.6
October report (Page 6)		
No. of tons carried (Rev.Fr.)	3,273,148	3,899,427
Average length of haul (Rev.Fr.) Miles	507.4	425.9

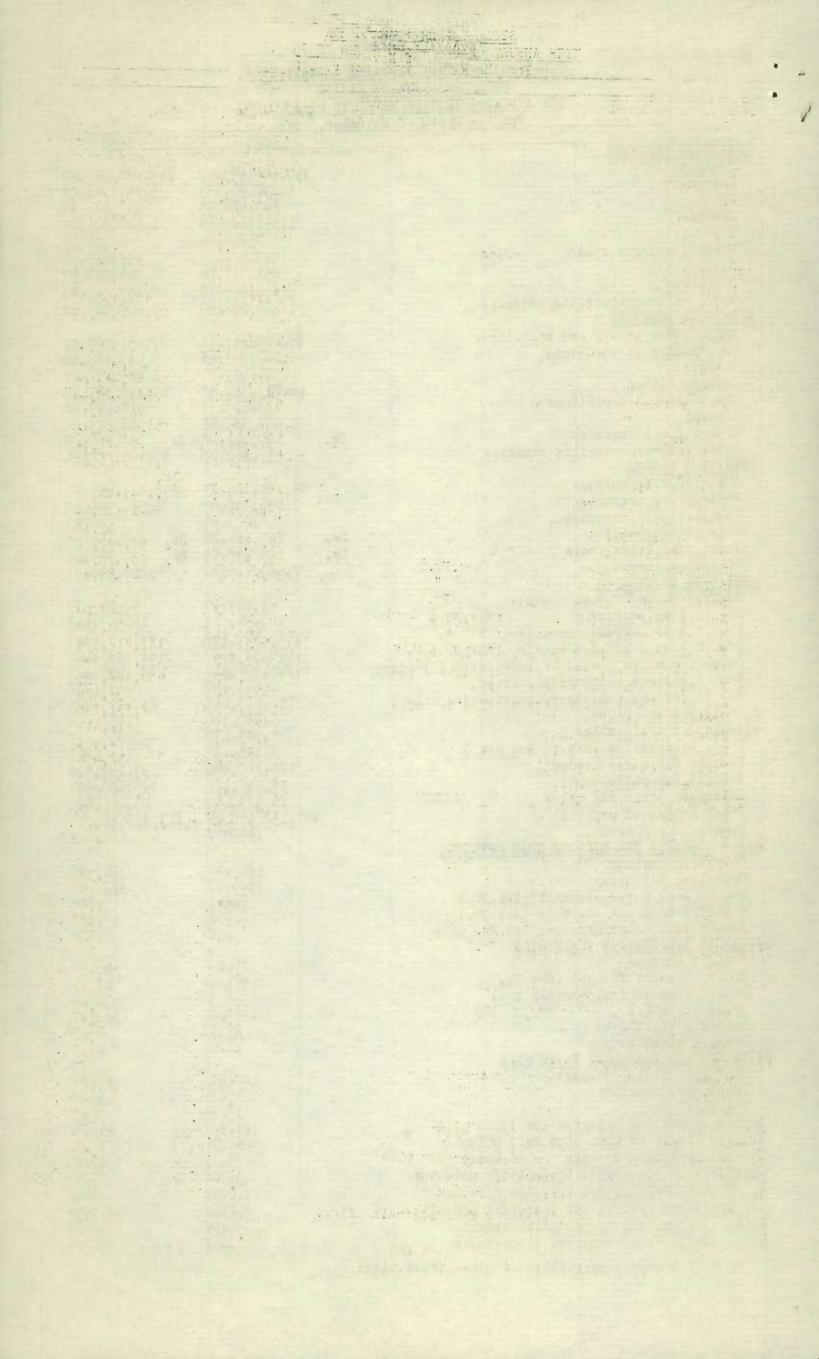
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OPERATING REVENUES, EXPENSES & STATISTICS STEAM RAILWAYS OF CANADA WITH ANNUAL OPERATING REVENUES OF \$500,000

For the Month of Nover	nber,	1929	
		1929	1928
CPERATING REVENUES			
Freight		\$30,604,997.92	\$44,080,928.52
Passenger		5,290,967.73	5,897,745.00
Mail 1		647,426.53	619,586.94
Express		1,958,625.70	1,987,522.75
Other freight train		2,814,94	2,702.05
Other passenger train		593,472.36	558,667.90
Water line		253,717.04	304,789.27
All other		2,128,945.18	2,157,265.25
Total railway operating revenues		41,480,967.40	55,609,207.68
OPERATING EXPINSES		11, 100, 901. 10)),00),201.00
Maintenance of way and structures		\$5,620,461.11	\$7,231,308.05
Maintenance of equipment		8,062,763.68	9,933,242.60
Traffic			
Transportation		1,321,637.21	1,485,432.23
4		16,039,340.53	
Miscellaneous operations		418,538.73	418,245.58
General		1,079,382.03	1,088,823.24
Trans. for investment	Cr.		Cr. 193,866.67
Total railway operating expenses		32,351,862.07	39,161,752.21
OPERATING INCOME			
Net operating revenue		\$9,129,105.33	\$16,447,455.47
Railway tax accruals		1,056,398.95	1,561,995.12
Uncollectable revenues		4,074.03	548.82
Hire of equipment	Dr.	255,666.20	Dr. 647,143.44
Joint facilities rents	Dr.	123,239.95	Dr. 30,769.16
Operating income		7,689,726.20	14,206,998.93
CPERATING STATISTICS			
Average miles of road operated		41,048.90	40,294.39
No. of tons carried (Rev.Fr.)		10,636,718	14,503,115
Wc. of tons carried one mile " "		2,786,107,459	5,471,447,340
No. of tons carried one mile (All Fr.)		3,019,537,120	5,780,183,036
Gross ton miles, excl. of locomotive & tender		6,769,906,218	12,141,549,379
No, of revenue passengers carried		2,543,280	2,631,238
No. of revenue passengers carried one mile		186,533,011	212,205,075
# Freight train miles		5,055,110	7,957,782
# Passenger train miles		3,993,130	
Total train miles (Rev. & Non Rev.)		9,196,159	
Freight car miles-loaded		120,745,401	
Freight car miles-empty		58,552,121	115,697,204
Passenger train car miles		28,579,655	29,041,023
		\$21,132,522.24	\$23,679,351.14
Total amount of pay roll			
Number of employees		159,057	177,679
DAILY AVERAGES PER MILE OF ROAD OPERATED		\$33.68	\$46.00
Operating revenue			\$32.40
Operating expenses		\$26.27	
No. of tons moved one mile (Rev.Fr.)		2,262	4,526
No. of tons moved one mile (All Fr.)		2,452	4,782
No. of rev. passengers carried one mile		151	176
#AVERAGES PER FREIGHT TRAIN MILE		+(0=	4= =1:
Freight revenue		\$6.05	\$5.54
No. of tons of freight (Rev. Fr.)		551.1	687.6
No. of tons of freight (All Fr.)		597.3	726.4
Gross ton miles		1339,2	1525.7
Loaded freight cars		23.9	24.3
Empty freight cars		11.6	14.5
#AVERAGES PER PASSENGER TRAIN MILE			
Passenger train revenues		\$2.13	\$2.29
Passengers carried		46.7	53.6
Passenger cars		7.2	7.3
Average operating expenses per train mile		\$3.52	\$3.23
Average length of haul (Rev.Fr.) Miles		261.9	377.3
Average passenger journey Miles		73.3	80,6
Average tons per loaded freight car mile		25.0	29.9
Av. freight receipt per rev. ton mile		1.098¢	
Av. passenger receipt per passenger per mile		2.836¢	
Ratic of pay roll to operating revenues		50:9%	
		77.99%	
Ratic of operating expenses to revenues		11.000	, 0 8 , - 10

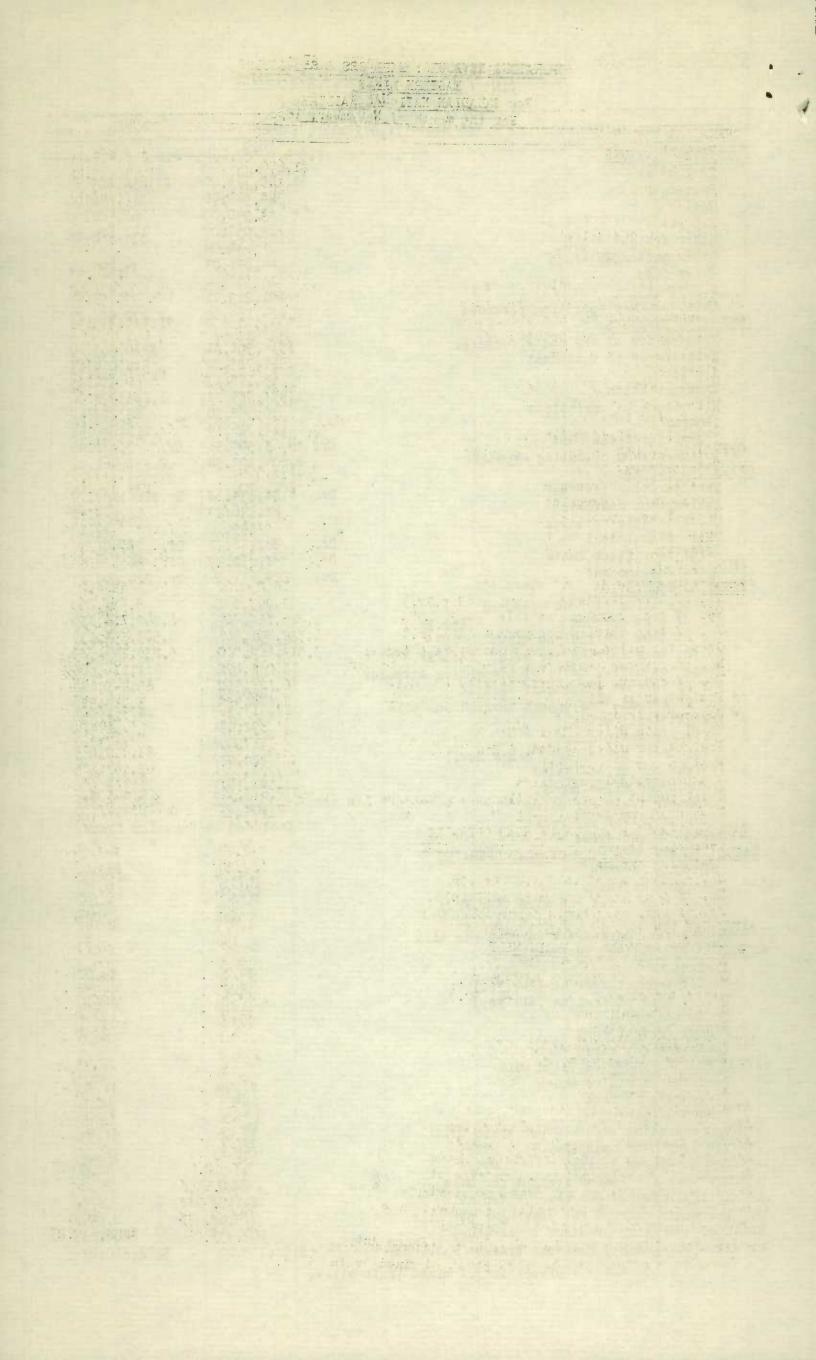
[#] Contains a proportion of mixed train miles.



OPERATING REVENUES, EXPENSES & STATISTICS EASTERN LINES CANADIAN NATIONAL RAILWAYS For the month of November, 1929

For the month of Nove		
ODER LEGISLA	1929	1928
OPERATING REVENUES	40 (70 700 00	h- (
Freight xx	\$1,670,712.00	\$1,650,809.23
Passenger	348,529.00	317,586.00
Mail	65,940.00	62,500.00
Express	173,057,26	147,624.22
Other freight train	34.00	_
Other passenger train	44,681.03	34,298.21
Water line	-	-
All other	121,215.71	59,758.57
Total railway operating revenues	2,424,169.00	2,272,576.23
OPERATING EXPENSES		
Maintenance of way and structures	\$514,951.81	\$430,965.40
Maintenance of equipment	541,723.20	518,070.13
Traffic	65,178.13	60,984.85
Transportation	1,337,959.11	1,288,978.96
Miscellaneous operations	30,358.90	28,288.12
General	117,726.19	112,646.51
Trans. for investment	Cr. 3,593.96	Or. 2,472.95
Total railway operating expenses	2,604,303.38	2,437,461.02
OPERATING INCOME		
Net operating revenue	Dr. \$180,134.38	Dr.\$164,884.79
Railway tax accruals	23,746.27	21,524.50
Uncollectable revenues	895.40	29.10
Hire of equipment	Dr. 26,486.70	Dr. 58,492.32
Joint facilities rents	cr. 1,630.99	Cr. 20,120.84
Operating income	Dr. 229,631.76	Dr. 224,809.87
OPERATING STATISTICS	11. 229,0)1.10	DI . 224,007.01
Average miles of road operated	7 777 98	3,108.04
No. of tons carried (Rev.Fr.)	3,333.28	602,384
No. of tons carried one mile	600,719	187,814,378
	161,905,809	199,763,345
Gross ton miles, excl. of locomotive & tender	384,407,606	436,888,795
No. of revenue passengers cartied	250,792	258,128
No. of revenue passengers carried one mile	14,413,569	12,531,280
# Freight train miles	392,491	412,414
# Passenger train miles	317,008	
Total train miles (Rev. & Non Rev.)	720,082	
Freight car miles-loaded	7,367,660	8,255,667
Freight car miles-empty	2,673,346	2,605,818
Passenger train car miles	2,104,457	
Total amount of pay roll		Canadian Lines
Number of employees	11 11	11 11
DAILY AVERAGES PER MILE OF ROAD OPERATED	tal al	401 -
Operating revenue	\$24.24	
Operating expenses	\$26.04	
No. of tons moved one mile (Rev.Fr.)	1,498	
No. of tons moved one mile (All Fr.)	1,619	2,142
No. of rev. passengers carried one mile	了并升	134
AVERAGES PER FREIGHT TRAIN MILE		
Freight revenue	\$4.26	\$4.00
No. of tons of freight (Rev. Fr.)	381.7	455.4
No. of tons of freight (All Fr.)	412,5	484.4
Gross ton miles	979.4	1059.3
Loaded freight cars	18.8	20.0
Ampty freight cars	6.8	6.3
AVERAGES PER PASSENGER TRAIN MILE		
Passenger train revenues	\$1.99	\$1.82
Passengers carried	45.5	40.6
Passenger cars	6.6	6.5
Average operating expenses per train mile	\$3.62	\$3.33
Average length of haul (Rev.Fr.) Miles	249.4	311.8
Average passenger journey Miles	57.5	48.5
Average tons per loaded freight car mile	22.0	24.2
Av. freight receipt per revenue ton mile	1.115¢	
	2.418¢	
Av. passenger receipt per passenger per mile	107.43%	
Ratio of operating expenses to revenues		
xx - Including Acct. Maritime Freight Rates Act	\$192,753.00	φεεο, οτυ, ε)
Il Much in a manastion of mired train	miles	

[#] Contains a proportion of mixed train miles.

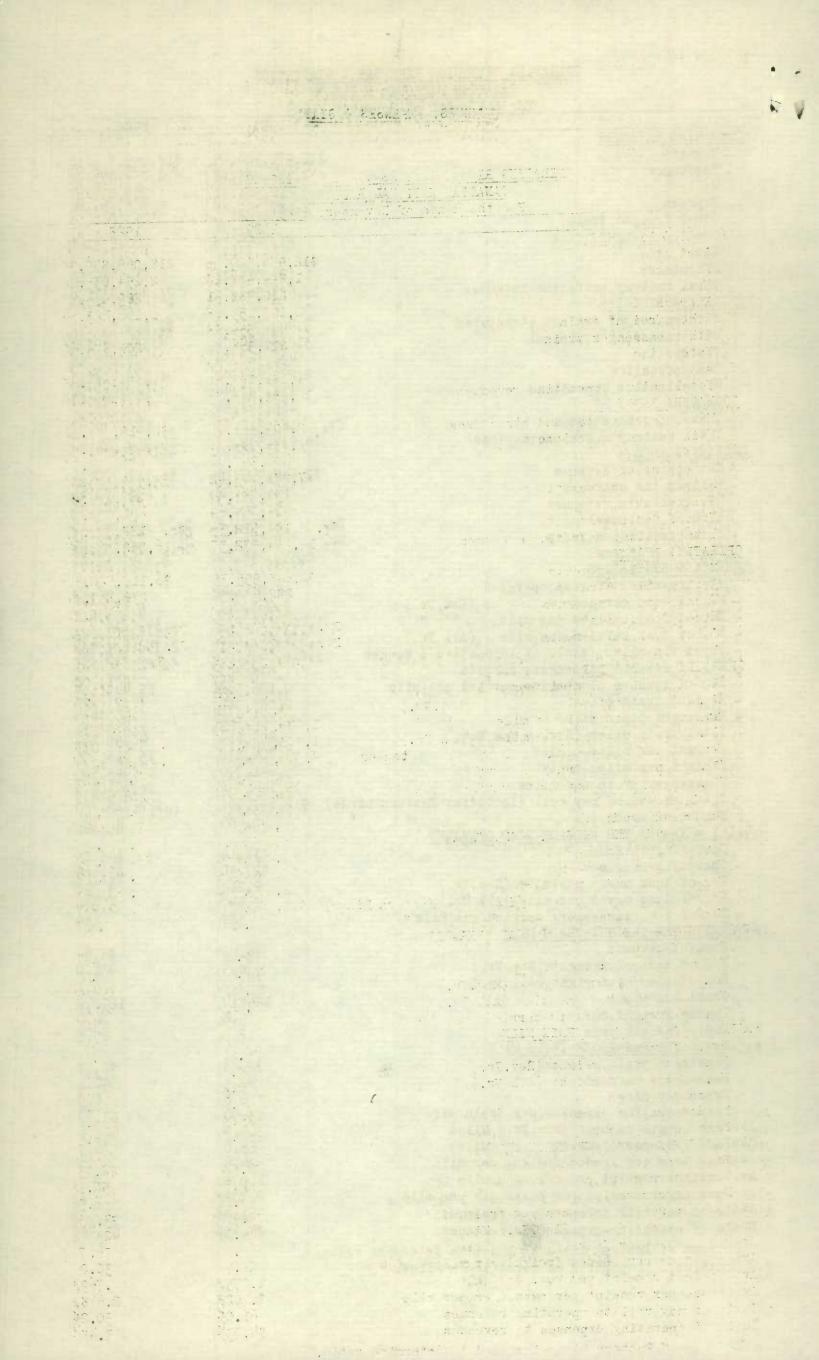


OPERATING REVENUES, EXPRISES & STATISTICS CANADIAN NATIONAL RAILWAYS For the month of November, 1929

1929 1928 OPERATING REVENUES \$18,065,879.38 \$12,971,320.45 Freight 2,254,055.22 Passenger Mail 210,988.51 1,107,159.68 554.98 Express 1,166,123.54 Other freight train 217,966.75 200,874.69 Other passenger train Water line All other 1,181,089.21 17,583,567.76 1,174,484.48 23,070,471.98 Total railway operating revenues OPERATING EXPENSES \$2,919,749.91 4,574,449.70 477,235.98 8,570,412.73 Maintenance of way and structures 2,909,541.67 3,836,185.71 496,367.84 Maintenance of equipment Traffic 7,271,643.42 Transportation 138,787,44 147,087.28 452,646.74 Miscellaneous operations 465,958,64 General 183,912.35 Or. 188,830.67 Trans. for investment Total railway operating expenses 16,952,751.67 OPERATING INCOME \$6,117,720.31 238,859.84 441.91 \$2,648,995.39 Net operating revenue Railway tax accruals Uncollectable revenues 3,156.97 34,708.48 Dr. 354,262.15 Hire of equipment Dr. 9,184.80 12,468.90 Joint facilities rents 2,319,294.22 5,536,625.31 Operating income OPERATING STATISTICS

Average miles of road operated 17,868.23 18,236.22 5,519,250 2,349,218,439 No. of tons carried (Rev.Fr.) 3,963,031 No. of tons carried one mile 11 11 1,206,113,229 2,503,551,135 No. of tons carried one mile (All Fr.) 1,338,891,606 5,238,855,789 1,114,609 Gress ton miles, excl. of locomotive & tender 3,019,669,700 1,078,802 No. of revenue passengers carried 70,126,552 85,449,144 No. of revenue passengers carried one mile 2,084,790 3,213,586 # Freight train miles 1,641,227 1,650,366 # Passenger train miles 4,994,152 83,418,275 3,825,114 Total train miles (Rev. & Non Rev.) 53,704,832 Freight car miles-loaded 25,641,770 49,943,575 Freight car miles-empty 11,363,970 11,144,742 P assenger train car miles \$12,197,901 92,485 \$12,728,886 Total amount of pay roll (Including Eastern Lines) Number of employees " " 11 97,150 DAILY AVERAGES PER MILE OF ROAD OPERATED \$43.04 \$32.14 Operating revenue \$31.63 Operating expenses \$27.30 4,382 2,205 2,447 No. of tons moved one mile (Rev.Fr.) No. of tons moved one mile (All Fr.) 128 No. of rev. passengers carried one mile 159 #AVERAGES PER FREIGHT TRAIN MILE \$5.62 \$6.22 Freight revenue 578.5 No. of tons of freight (Rev. Fr.) 731.0 779.1 No. of tons of freight (All Fr.) 1448.4 1630.2 Gross ton miles Loaded freight cars 25.8 26.0 12.3 15.5 Empty freight cars #AVERAGES PER PASSENGER TRAIN MILE \$2.33 \$2.08 Passenger train revenues 42.5 52.1 Passengers carried 6.9 Passenger cars 6.8 \$3.39 \$3.90 Average operating expenses per train mile Average length of haul (Rev.Fr.) Miles 425.6 304.3 65.0 Average passenger journey Miles 24.9 30.0 Average tons per loaded freight car mile Av. freight receipt per rev. ton mile 1.075¢ 2.702¢ 2.638¢ Av. passenger receipt per passenger per mile 50.2% x Ratio of pay roll to operating revenues 84.93% 73.48% Ratio of operating expenses to revenues x - Revenue of Eastern Lines included to determine ratio.

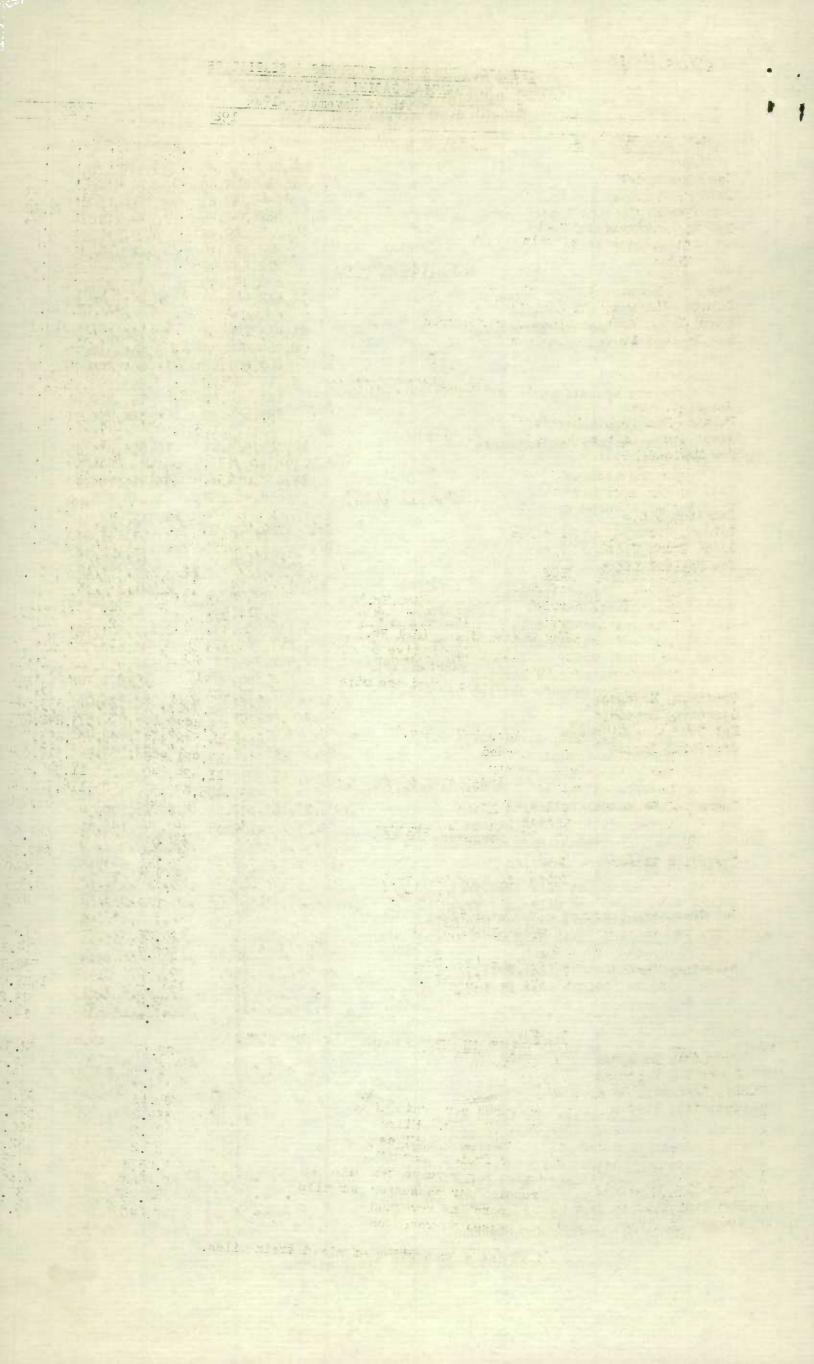
/ Contains a proportion of mixed train miles.



OPERATING REVENUES, EXPENSES & STATISTICS CANADIAN PACIFIC RAILWAY For the month of November, 1929

For the month of November		
	1929	1928
OPERATING REVENUES		
Freight	\$12,007,758.85	\$19,979,180.90
Passenger	2,284,168.65	2,517,726.80
Mail	294,749.83	
		294,767.86
Express	462,348.49	443,010.93
Other freight train	2,107.98	2,421.32
Other passenger train	298,138.30	289,159.52
Water line	212,587.98	229,484.27
All other	626,743.99	735,881.24
Total railway operating revenues	16,188,604.07	24,491.632.84
OPERATING EXPENSES		
Maintenance of way and structures	\$1,483,245.69	\$3,152,930.20
Maintenance of equipment	2,764,954.38	3,958,316.30
Traffic	662,301.02	858,209.76
Transportation		
	5,717,487.35	7,593,305.44
Miscellaneous operations	183,917.00	187,422.44
General	299,659.99	328,290.31
Trans. for investment	Cr	
Total railway operating expenses	11,111,565.43	16,078,474.45
OPERATING INCOME	21,221,000,10	10,010,111,17
	AT 077 077 ()	Ad 1127 255 75
Net operating revenue	\$5,077,038.64	
Railway tax accruals	638,461.58	1,148,510.00
Uncollectable revenues		
Hire of equipment	cr. 120,423.40	Cr. 47,119.35
Joint facilities rents	Dr. 9,350.75	
), E), (), ()	7 700 300 75
Operating income	4,549,649.71	7,306,109.75
OPERATING STATISTICS		
Average miles of road operated	14,782.4	14,411.8
No. of tons carried (Rev.Fr.)	2,918,595	4,934,212
No. of tons carried one mile "	1,136,006,436	2,611,501,123
	1,217,761,313	2,748,672,308
Gross ton miles, excl. of locomotive & tender	2,511,755,183	5,582,630,661
No. of revenue passengers carried	865,497	871,708
No. of revenue passengers carried one mile	77,175,923	87,857,532
# Freight train miles	1,916,763	3,653,646
# Passenger train males	1,540,844	1,533,584
	3,492,148	
Total train miles (Rev. & Non Rev.)		5,242,033
Freight car miles-loaded	44,776,863	84,893,774
Freight car miles-empty	19,921,090	53,512,824
Passenger train car miles	11,424,640	11,940,485
Total amount of pay roll	\$7,155,837.55	\$9,116,720.42
Number of employees	53,439	66,860
DAILY AVERAGES PER MILE OF ROAD OPERATED	221.22	00,000
	476 50	AFC (F
Operating revenue	\$36.50	\$56.65
Operating expenses	\$25.06	\$37.19
No. of tons moved one mile (Rev.Fr.)	2,562	6,040
No. of tons moved one mile (All Fr.)	2,746	6,357
No. of rev. passengers carried one mile	174	203
#AVERAGES PER FREIGHT TRAIN MILE	- 1	-0)
	AC 27	\$5.47
Freight revenue	\$6.27	
No. of tons of freight (Rev. Fr.)	592.7	714.8
No. of tons of freight (All Fr.)	635.3	752.3
Gross ion miles	1310.4	1528.0
Loaded freight cars	23.4	23.2
Empty freight cars	10.4	14.6
	10,4	14.0
#AVERAGES PER PASSENGER TRAIN MILE	40.55	40
Passenger train revenues	\$2.17	\$2.31
Passengers carried	50.1	57.3
Passenger cars	7.4	7.8
Average operating expenses per train mile	\$3.18	\$3.07
Average length of haul (Rev.Fr.) Miles	389.2	529.3
Average passenger journey Miles	89.2	100.8
Average tons per loaded freight car mile	27.2	32.4
Average freight receipt per revenue ton mile	1.057¢	
Average passenger receipt per passenger per mile	2.960¢	
Ratio of pay roll to operating revenues	44.2%	
Ratio of operating expenses to revenues	68.64%	
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Contains a proportion of mixed train miles.



(Steam Lines in Canada & United States) For the Month of November, 1929

OPERATING REVE	INUES	
And the second s	1929	1928
Canadian Lines	\$17,583,567.76	
Duluth, Winnipeg and Pacific	192,963.00	
Grand Trunk Western Lines New England Lines	2,275,577.00 151,894.24	
Total	20,204,002,00	26,558,312.00
•PERATING EXP	INSES	
Canadian Lines	\$14,934,572.37	\$16,952,751.67
Duluth, Winnipeg and Pacific	165,621.62	161,974.48
Grand Trunk Western Lines	1,943,616.92	2,114,712.34
New England Lines	184,431.26 17,228,242.17	189,693.20
Total		19,419,131.69
NET OPERATING RE		
Canadian Lines	\$2,648,995.39	\$6,117,720.31
Duluth, Winnipeg & Pacific Grand Trunk Western Lines	27:341.38 331,960.08	39,138.52 961,776.66
New England Lines	Dr. 32,537.02	20,544.82
Total	2,975,759.83	7,139,180.31
OPERATING INC	OME	
Canadian Lines	\$2,319,294.22	\$5,536,625.31
Duluth, Winnipeg and Pacific	20,628.19	29,037.78
Grand Trunk Western Lines	19,684.79	473,012.39
New England Lines Total	Dr. 97,667.46 2,261,939.74	Dr. 36,698.10 6,001,977.38
AU VOLA	2,201,333.17	
SUMMAR	Y	
For Eleven Months ended N	ovember 30th	
ALL RAILWAYS		
	1929	1928
Operating Expenses	\$488,943,357.86 395,980,884.01	\$508,632,520.01
Net Operating Revenues	92,962,473.85	398,865,070.57
Operating Income	80,527,304.64	97,383,150.96
CANADIAN NATIONAL	RAILWAYS	
Operating Revenues - Canadian Lines	\$200,934,271.42	\$212,286,730.39
United States Lines	39,957,461.58	40,744,146.61
Total	240,891,733:00	253,030,877.00
Operating Expenses - Canadian Lines	168,728,831.34	170,093,853.90
United States Lines Total	29,035,436.93 197,754,268.27	29,387,731.82 199,481.585.72
Net Operating Revenues - Canadian Lines	32,205,440.08	42,192,876.49
United States Lines	10,922,024.65	11,356,414.79
Total	43,127,464.73	53,549,291.28
Operating Income - Canadian Lines	28,799,105.65	39,169,690.50
United States Lines	5,485,648.18	5,569,445.41
Total	34,284,753.83	44,739,135.91
CANADIAN NATIONAL RAILWAY	S - EASTERN LINES	
Operating Revenues	\$27,904,539.00	\$24,970,983.21
Operating Expenses	30,932,673.02	29,159,532.39
	3,028,134.02 3,641,710.07	Dr. 4,188,549.18 Dr. 4,750,880.55
Operating Intented	· •); 074, 110.01	DI. 4, (50,000.55
CANADIAN PACIFIC RAILWAY		
Operating Revenues	\$196,183,499.12	\$209,419,410.67
Operating Expenses		
	152,996,620.49	157,007,082.36
Net Operating Revenue Operating Income	43,186,878.63 39,991,275.70	52,412,328.31 48,537,678.55

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