

CANADA

DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

TRANSPORTATION BRANCH

OPERATING REVENUES EXPENSES & STATISTICS

of

RAILWAYS

With Annual Operating Revenues of \$500,009

For

JULY

1933



Published by Authority of the Hon. H.H. Stevens, M.P., Minister of Trade and Commerce.

OTTAWA

1933

Historical File Copy

DEPARTMENT OF TRADE AND COMMERCE DOMINION BUREAU OF STATISTICS TRANSPORTATION AND PUBLIC UTILITIES BRANCH OFTAWA

Dominion Statistician, R.H. Coats, B.A., F.S.S., (Hon.), F.R.S.C. Chief, Transportation and Jublic Utilities Branch, G.S. Wrong, B.Sc.

OP PATING POVENUES, EXPENSES AND STATISTICS

STEAM RAILWAYS OF CANADA

WITH ANNUAL OPERATING REVENUES OF \$500,000

FOR THE MONTH OF JULY, 1933.

Gross revenues of Canadian railways for July amounted to \$23,713.459. This was an increase over July 1932 revenues of \$743,533, or 3.2 per cent, and was the first increase in four years over the revenues of the corresponding month of the previous year. Freight traffic increased by 10.6 per cent and freight revenues were greater by \$1,597,139, or 10.1 per cent. Passenger receipts fell off by \$534,599, or 14.9 per cent, and all other passenger train revenues also decreased. Operating expenses were reduced by \$343,613, or 1.6 per cent, and net operating revenues were increased by \$1,087,147. The pay roll was cut \$1,439,097, or 10.1 per cent, and the number of employees was reduced by 5,758, or 4.7 per cent. Although passenger rates were cut from an average revenue per passenger mile of 2.450 cents in July 1932 to 2.103 cents in 1933 and the passenger train mileage was reduced by 9.6 per cent, the number of passengers per train increased from 43.6 to only 47.8 and the revenues per train mile decreased from \$1.68 to \$1.64.

For January to July gross revenues decreased from \$164,472,587 in 1932 to \$144,042,080 and the operating income decreased from \$6,778,809 to \$3,294,665.

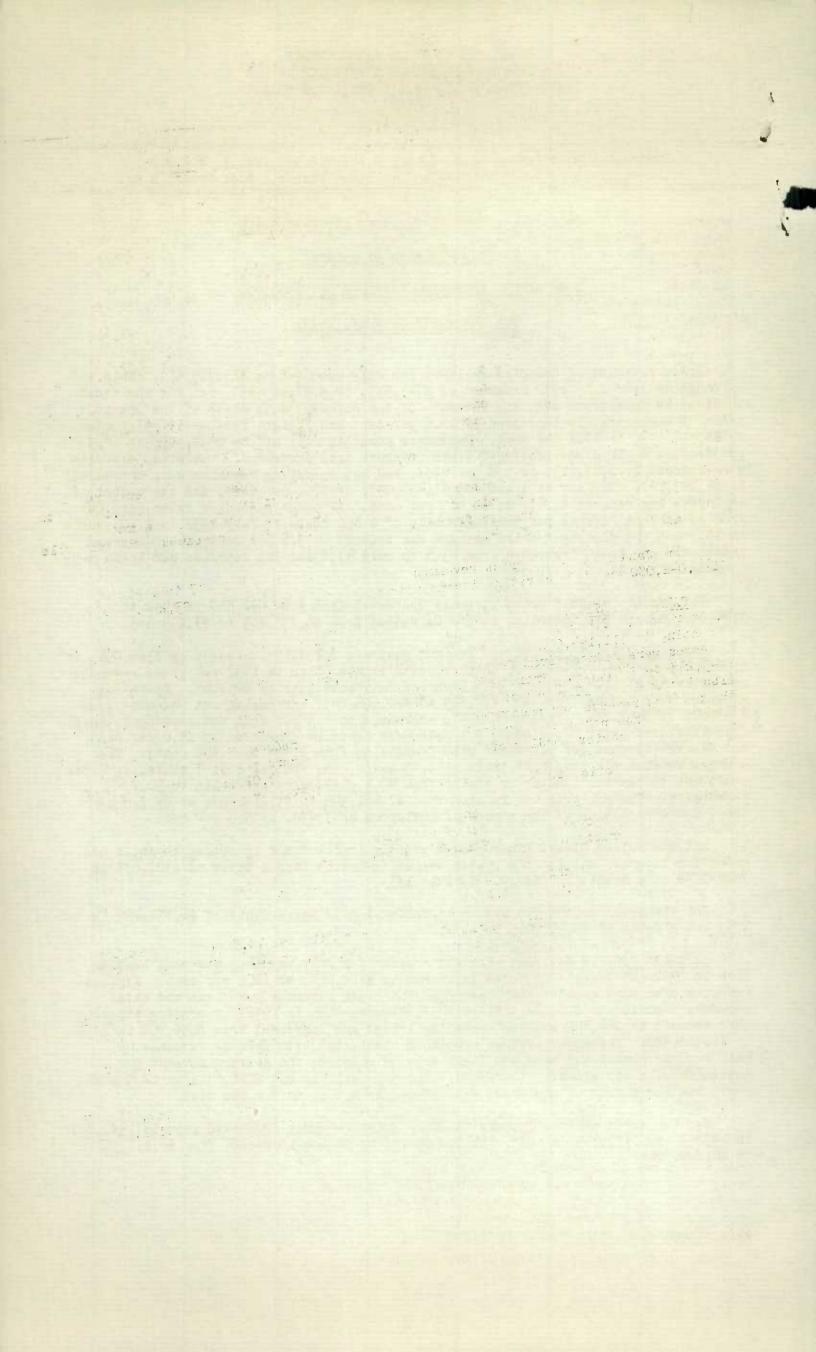
CANADIAN NATIONAL RAILWAYS: Freight revenues for July increased by \$386.091. or 5.0 per cent. Other revenues, however, were lighter than in 1932 and gross revenues amounting to \$11,194,032 were less than for July last year by \$25,065. Operating expenses were reduced from \$10,875,823 to \$10,696,247, increasing net revenues from \$343,273 to \$497,784. Freight traffic increased by 4.5 per cent and passenger traffic also increased by 12.6 per cent, but passenger revenues decreased by 15.0 per cent, the average revenue per passenger mile decreasing from 2.494 to 1.882 cents. The average revenue per passenger train mile, however, was reduced only 7 cents, or 4 per cent, due to heavier loading of trains from 40.1 passengers per train to 50.1 passengers. The pay roll was reduced from \$7,661,906 to \$7,010.857, or by 8.5 per cent, for a reduction in the number of employees of 3,738, or 5.5 per cent.

All the United States lines showed greatly improved net operating revenues and operating incomes, raising the system operating income from a debit of \$327,635 in July 1932 to a credit of \$274,902 in July 1933.

For the seven months the system operating income was a debit of \$6,131,429 in 1933 and a debit of \$2,910,005 in 1932.

CANADIAN PACIFIC RAILWAY: Freight traffic for July was 14.5 per cent heavier than in 1932 and freight revenues increased by \$824,254, or 12.6 per cent. Express revenues also were greater than last year but other revenues were less and total revenues amounted to \$10,122,912, or \$437,633 more than in 1932. Operating expenses were reduced by \$46,742 and the operating income was increased from \$859,708 in 1932 to \$1,368,380. Passenger traffic continued light, but, with express revenues up, mail revenue almost the same and train mileage reduced, the average revenue per passenger/mile was slightly increased. The pay roll was cut \$721,631, or 12.5 per cent, and the number of employees was reduced by 1,882, or 3.8 per cent.

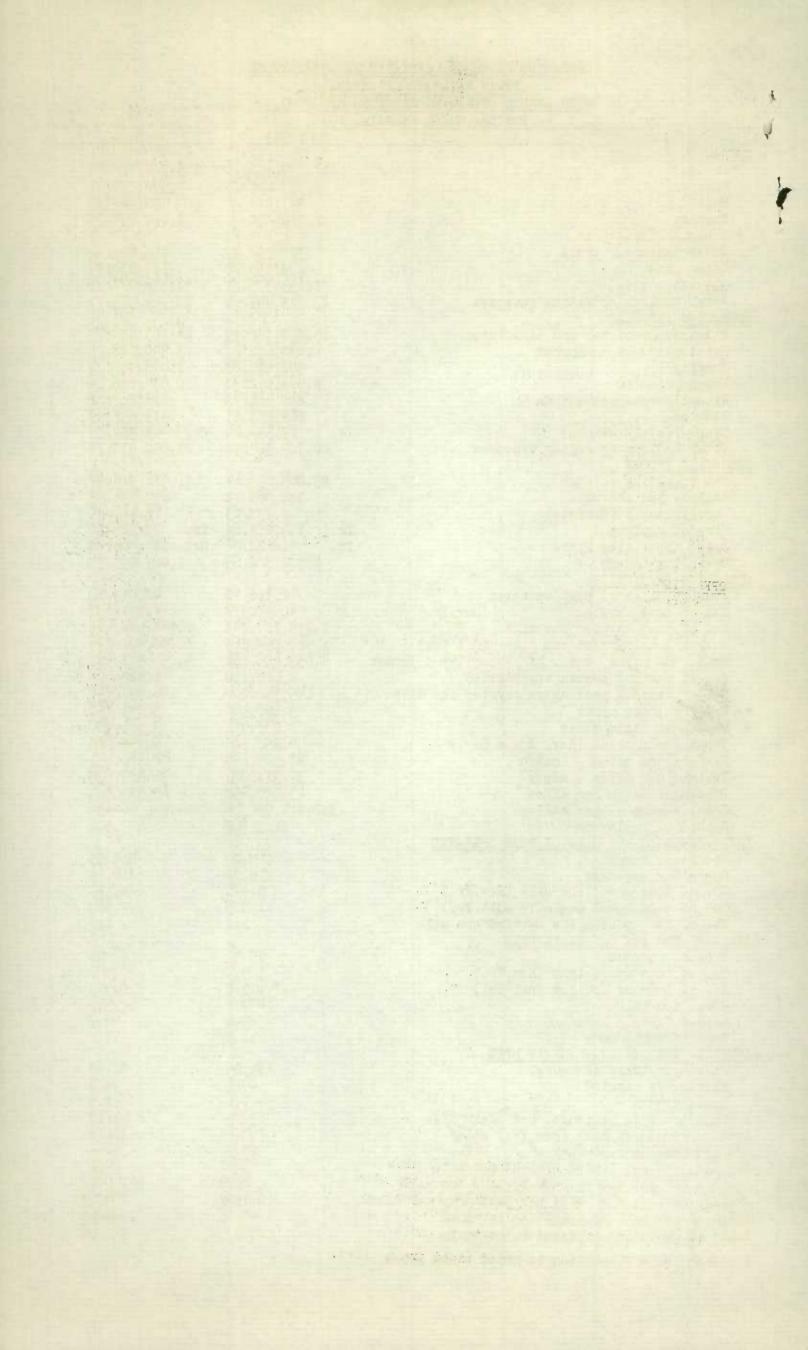
For the seven months, January to July, gross revenues decreased from \$67,582,627 in 1932 to \$50,777,655 in 1933, but the operating income increased from \$6,111,587 to \$6,229,521.



OPERATING REVENUES, EXPENSES AND STATISTICS STEAM RAILWAYS OF CANADA \$500,000

WITH ANNUAL OPERATING REVENUES OF

	For the Month of July		
7		1933	1932
	OPERATING REVENUES		
	Preight	\$17,379,613.05	\$15,782,473.82
1	Passengel	3,057,125.77	3,591,725.67
	Mail	547,914,22	553,864.89
4	Express	1,010,278,04	1,038,654,25
	Other freight train	1,841.68	1,704.20
	Other passenger train	387,754,52	452,601.06
	Water line	133,556.57	167,874.76
	All other	1,195,375.	1,376,027.05
	Total railway operating revenues	23,713,459.56	22,969,925.71
	OPERATING EXPENSES		
	Maintenance of way and structures	\$5,464,762.33	\$4,703,976.61
	Maintenance of equipment	4,230,682,08	3,980,180.01
	Traffic	992,027.60	1,086,927.76
	Transportation	8,944,012.70	10,075,168.04
	Miscellaneous operations	220,986.78	276,217,72
	General	884,237.63	973,838,99
	Trans. for investment	Cr. 27,344,20	Cr. 43,330.39
	Total railway operating expenses	20,709,364.92	21,052,978,74
	OPERATING INCOME	47 only only ()	43 03 (0)16 07
	Net operating revenue	\$3,004,094.64	\$1,916,946.97
	Railway tax accruals	738,564,71	699,353.99
	Uncollectable revenues	2,397.03	
	Hire of equipment	Dr. 109,483.69	Dr. 73,986,37 Dr. 109,566.88
	Joint facilities rents	Dr. 51,122.56 2,102,526.65	1,027,093.33
	Operating income	2,102,720,07	1,021,033.33
	OPERATING STATISTICS	42,326,80	42,213.10
	Average miles of road operated No. of tons carried (Rev.Fr.)	4,992,980	4,337,657
	No. of tons carried (Rev.Fr.) No. of tons carried one mile " "	1,734,787,743	1,568,504,165
	No. of tens carried one mile (All Fr.)	1,987,254,864	1,790,401,376
	Gross ton miles, excl. of locomotive & tender	4,659,886,162	4,254,51,7,781
	No. of revenue passengers carried	1,626,790	1,829,704
	No. of revenue passengers carried one mile	145,352,004	146,597,742
	# Freight train miles	3,240,960	3,283,386
	# Passenger train miles	3,043,911	3,365,980
	Total train miles (Rev. & Non Rev.)	6,398,385	6.749.908
	Freight car miles - loaded	82,324,149	74,400,551
	Freight car miles - empty	37,374,074	36,407,639
	Passenger train car miles	23,090,458	25,384,481
	Total amount of pay roll	\$12,811,551.69	\$14,250,649,56
	Number of employees	117,762	123,520
	DAILY AVERAGES PER MILE OF ROAD OPERATED		
	Operating revenue	\$18.07	\$17.55
	Operating expenses	\$15.78	
	No. of tons moved one mile (Rev.Fr.)	1,322	-/.
	No. of tons moved one mile (All Fr.)	1,515	
	No. of rev. passengers carried one mile	111	112
	#AVERAGES PER FREIGHT TRAIN MILE	\$5.36	\$4.81
	Freight revenue	535.3	477.7
	No. of tons of freight (Rev.Fr.)	613.2	545.3
	No. of tons of freight (All Fr.)	1437.8	1.295.8
	Cross ton miles	25.4	22.7
	Loaded freight cars Empty freight cars	11.5	11.1
	#AVERAGES PER PASSENGER TRAIN MILE	:/	
	Passenger train revenues	\$1.64	\$1.68
	Passengers carried	47.8	43.6
	Passenger cars	7.6	7.5
	Average operating expenses per train mile	\$3.24	\$3.12
	Average length of haul (Rev.Fr.) Miles	31,7.4	361.6
	Average passenger journey Miles	89.3	80,1
	Average ons per loaded freight car mile	2,4°7	24.1
	Average freight receipt per revenue ton mile	7.002\$	
	Average passenger receipt per passenger per mile	2.1034	
	Ratio of pay roll to operating revenues	54.0%	
	Ratio of operating expenses to revenues	\$7.33%	91.65%
	# - Contains a proportion of mixed train miles.		
	# = our egam a proportion of mixed train miles.		



OPERATING REVENUES, EXPENSES AND STATISTICS CANADIAN NATIONAL RAILWAYS For the Month of July, 1933.

1933 1932 OPERATING REPUBLIES \$7,720,243.00 ironghi \$8,106,334.00 1,333,552.00 226,238.12 1,568,484.00 . assut Fur Mai. 724,073.75 244.80 176,140.10 Laprese 684,270.76 Other Ineight train Other passenger train 144,707.21 Water line All other 699,129.91 802,936,05 Total railway operating revenues 11,194,032.00 11,219,097.00 OPERATING EXPENSES Maintenance of way and structures \$2,504,138.99 2,024,447.08 \$3,016,476.61 2,018,743.52 361,746.45 Maintenance of equipment 393,721.21 5,286,050.45 Traffic Transportation 4,705,621.63 102,672.67 Miscellaneous operations 89,785.90 581,234.20 Cr. 16,440.70 527,881.90 General. Trans. for investment 24,008.51 10,696,247.50 10,875,823.90 Total railway operating expenses OPERATING INCOME Net operating revenue \$497,784.50 \$343,273.10 Railway tax accruals 323,722.19 297,873.14 6,666.06 Uncollectable revenues 50,540.40 57,510.10 Cr. Hire of equipment Cr. 44,801.85 Joint facilities rents Dr. Dr. 209.054.69 Operating inc ome OPERATING STATISTICS Average miles of road operated 22,054.89 21,943.50 No. of tons carried one mile (Rev.Fr.)
No. of tons carried one mile (All Fr.) 2,026,912 1,978,601 812,386,495 777,532,800 864,159,932 2,040,986,422 921,074,290 Gross ton miles, excl. of locomotive & tender 2,129,599,330 767,205 70,834,237 1,507,665 No. of revenue possengers carried 879,856 No. of revenue passengers carried one mile 62,901,377 1,566,092 # Freight train miles 1,532,347 # lassenger train males 1,413,861 2,983,008 37,953,439 16,547,766 Total train miles (Rev. & Non Rev.) 3,158,152 35,915,465 17,521,664 Freight car miles - loaded Freight car miles - empty Passenger train car miles 10,750,062 11,702,247 Total amount of pay roll \$7,010,857 \$7,661,906 Number of employees 63,840 67,578 DATLY AVERAGES FER MILE OF ROAD OPERATED
Operating revenue \$16.46 \$16.41 \$15.91 Operating expenses \$15.72 1,194 No. of tons moved one mile (Rev.Fr.)
No. of tons moved one mile (All Fr.) 1,137 1,354 1,264 No. of rev. passengers carried one mile 92 #AVERAGES PER FREIGHT TRAIN MILE \$4.93 Freight revenue \$5.38 538.8 496.5 No. of tons of freight (Rev. Fr.) No. of tons of freight (All Fr.) Gross ton miles 610.9 551.8 1412.5 1303.2 25,2 Loaded freight cars 22.9 Empty freight cars 11.0 11.2 #AVERAGIS PRE PASSENGER TRAIN MILE \$1,69 Passenger train revenues \$1.76 50.1 Passengers carried 41.0 Passenger cars 7.6 7.6 \$3.44 Average operating expenses per train mile \$3.59 \$3.59 400.8 Average length of haul (Rev.Fr.) Miles 393.0 92.3 24.3 .988¢ Average passenger journey Miles 71.5 Average tons per loaded freight car mile Average freight receipt per revenue ton mile .993¢ 1.882¢ Average passenger receipt per passenger per mile 2.494¢ Ratio of pay roll to operating revenues 62.6% 68.3% Ratio of operating expenses to revenues 96,94% 95.55%

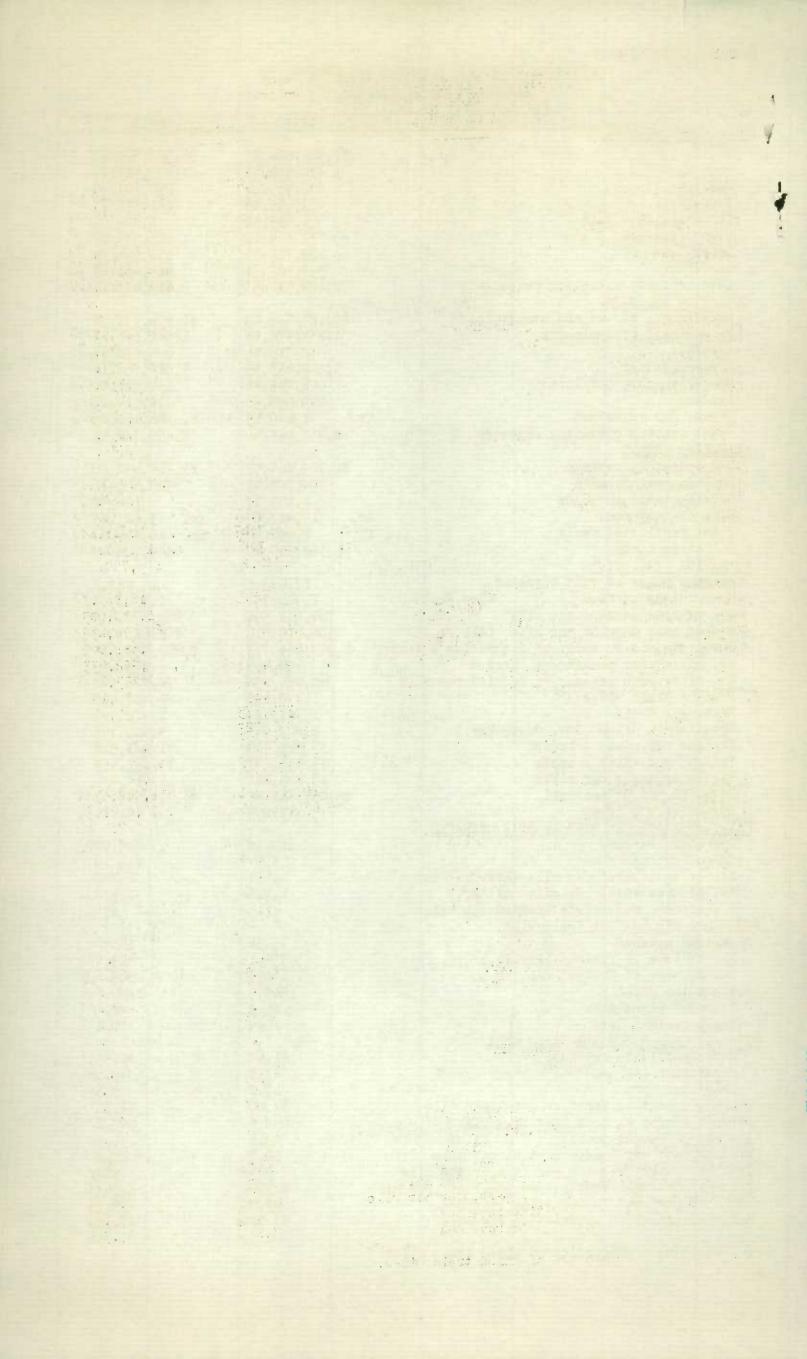
- Contains a propertion of mixed train miles.

250 . 487. 77. 2. 227. 322 3. 221. 1 9 o,s 12 i diemon, n. 1877 (um n. 1887) Talli . The ten is the Value of the vertex to the ten and the the ten and the and the contract of the and the contract of the and the contract of the contract of the and the contract of the c

OPERATING REVENUES, EXPENSES AND STATISTICS CANADIAN PACIFIC RAILWAY For the Month of July, 1933

For the Month of July,		
	1933	1932
OPERATING REVENUES		
Freight	\$7,386,884.58	\$6,562,629.80
Pastenger	1,434,649.47	1,693,421.26
Mail	287,939.11	295,103.40
Express	273,699.46	251,596.35
Other freight train	1,285.58	1,427.69
Other passenger train	232,814,12	263,539.07
Water line		
	107,715,50	131,999,92
All other	397,924.71	485,561.64
Total railway operating revenues	10,122,912.53	9,685,279.13
OPERATING EXPENSES		
Maintenance of way and structures	\$2,127,056,18	\$1,876,672,94
Maintenance of equipment	1,853,972.14	1,547,641.39
Traffic	572,716.16	624,991.64
Transportation	3,513,893.35	4,028,753.15
Miscellaneous operations	96,949.46	134,961.00
General	249,598.56	272,914.20
Trans, for investment	Cr. 1,140.19	Cr. 26,150.89
Total railway operating expenses	8,413,045.66	8,459,788.43
OPERATING INCOME	8,419,049.00	0,777,100.77
	\$2 700 acc az	#3 DOE 1100 70
Net operating revenue	\$1,709,866.87	\$1,225,490.70
Railway tax accruals	359,808.61	349,650.01
Uncollectable revenues	1,193.17	196.47
Hire of equipment	Cr. 17,417.27	cr. 13,621.83
Joint facilities rents	cr. 2,097.84	Dr. 29,557.60
Operating income	1,368,380.20	859,708.45
OPERATING STATISTICS		
Average miles of road operated	17,023.5	16,883.7
No. of tons carried (Rev.Fr.)	1,710,777	1,330,003
No. of tons carried one mile " "	767,242,398	669,878,239
No. of tons carried one mile (All Fr.)	906,610,916	801,681,009
Gross ton miles, excl. of locomotive & tender		1,800,492,973
No. of revenue passengers carried	658,496	733,605
No. of revenue passengers carried one mile	60,951,156	70,776,141
# Freight train miles	1,372,175	1,407,498
# Passenger train miles	1,391,723	
	2,803.947	1,572,596
Total train miles (Rev. & Non Rev.)		3,013,753
Freight car miles - loaded	34,525,413	31,024,518
Freight car miles - empty	14,936,847	14,243,473
Passenger train car miles	10,003,282	11,468,439
Total amount of pay roll	\$5,055,411.01	\$5,777,042.67
Number of employees	47,299	49,181
DAILY AVERAGES PER MILE OF ROAD OPERATED	400.00	4
Operating revenue	\$19.18	\$18.50
Operating expenses	\$15.94	\$16.16
No, of tons moved one mile (Rev.Fr.)	1,454	1,280
No. of tons moved one mile (All Fr.)	1,718	1,532
No. of rev. passengers carried one mile	115	135
#AVERAGES PER FREIGHT TRAIN MILE		
Freight revenue	\$5.38	\$4.66
No, of tons of freight (Rev.Fr.)	559.1	475.9
No. of tons of freight (All Fr.)	660.7	569.6
Gross ton miles	1449.4	1279.2
Loaded freight cars	25.2	22.0
Empty freight cars	10.9	10.1
#AVFLAGES PER PASSENGER TRAIN MILE	20.)	10.1
Passenger train revenues	\$1.60	\$1.59
Passengers carried	43.8	45.0
Passenger cars	7,2	7.3
Average operating expenses per train mile	\$3.00	\$2.81
Average length of haul (Rev. Fr.) Miles	448.5	503.6
Average passenger journey Miles	92.6	96.5
Average tons per loaded freight car mile	26.3	25.8
Average freight receipt per revenue ton mile	.963¢	.980¢
Average passenger receipt per passenger per mil		2.3934
Ratio of pay roll to operating revenues	49.9%	59.6%
Ratio of operating expenses to revenues	83.11%	87.35%

^{# -} Contains a proportion of mixed train miles.



CANADIAN NATIONAL SYSTEM (Steam Lines in Canada & United States)

For the Month of July, 1933

	OPERATING REVENUES					
			1933	1932		
Canadian Lines		\$11	,194,032.00	\$11,219,097.00		
Duluth, Winnipeg and Pacific			77,274,00	60,431.00		
Grand Trunk Western New England Lines		1	94,794.00	961,865.00 85,660.00		
Central Vermont			505.678.00	462,816.00		
	Total	13	282,596.00	12,789,869.00		
	OPERATING EXPENSES					
Canadian Lines		\$10	,696,247,50	\$10,875,823.90		
Duluth, Winnipeg and Pacific			68,041.80	95,961.79		
Grand Trunk Western New England Lines		1	,220,390.33	1,080,187.46		
Central Vermont			370,678.38	416,296.81		
	Total	12	,462,130.15	12,581,161.91		
NE	OPERATING REVENU	ES				
Canadian Lines		\$	497,784.50	\$ 343,273.10		
Duluth, Winnipeg and Pacific Grand Trunk Western			9,232,20	Dr. 35,530.79 Dr. 118,322.46		
New England Lines		Dr.	11,977.64	Dr. 27,231.95		
Central Vermont			135,999.12	46,519.19		
	Total	_	820,465.85	208,707.09		
	OPERATING INCOME					
Canadian Lines		\$	209,054,69	\$ 51,442.15		
Duluth, Winnipeg and Pacific Grand Trunk Western			18,887.01 3,645.03	Dr. 24,004.93 Dr. 280,989.13		
New England Lines		Dr.	59,602,68	Dr. 87,638.33		
Central Vermont	M-+-3	_	102,918.80	13,555.24		
	Total	_	274,902,85	Dr. 327.635.00		
	SUMMARY					
For Seven Months ended July 31st						
ALL RAILWAYS						
Connating roughles		\$7)1)1	,042,080.95	\$164,472,587.21		
Operating revenues Operating expenses						
Net operating revenues		10	,048,317.84	151,531,031.05		
Operating income		3	,294,665.25	6,778,809.09		
CANADIAN NATIONAL RAILWAYS						
Operating revenues - Canadian Line	es	\$68	,155,509.00	\$80,075,823.00		

CANADIAN NATIONAL RAILWAYS					
Operating revenues - Canadian Lines United States I	Lines Total	\$68,155,509.00 12,601,958.00 80,757,467.00	\$80,075,823.00 12,886,534.00 92,962,357.00		
Operating expenses - Canadian Lines United States I	Lines Total	71,132,341.94 11,783,640.91 82,915,982,85	79,352,333.97 12,780,947.54 92,133,281.51		
Net operating revenues - Canadian Li United State		Dr. 2,976,832,94 818,317.09 Dr. 2,158,515.85	723,489.03 105,586.46 829,075.49		
Operating income - Canadian Lines United States I	Lines Total	Dr. 5.281,178.79 Dr. 850,251.12 Dr. 6,131,429.91	Dr.1,166,549.77 Dr.1,743,456.04 Dr.2,910,005.81		

CANADIAN PACIFIC RAILWAY

Operating revenues	\$60,777,655.07	\$67,582,627.27
Operating expenses	52,111,064.72	59,131,859.08
Net operating revenues	8,666,590.35	8,450,768.19
Operating income	6,229,521.13	6,111,587.72



1.17

dpe . medaet. confi.

toray

wewlit stier t egimuli .ningu xv .ningu xv .ningu xv .ningu xv

dram in