

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

JANUARY

1932

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

OTTAWA

+ + +

1932

Historical File Copy 3.8

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

Dominion Statistician, R.H. Coats, B.A., F.S.S., (Hon.), F.R.S.C. Chief, Transportation and Public Utilities 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 JANUARY, 1932

Gross revenues of Canadian railways for January amounted to \$22,120,450 which was a decrease of \$5,954,526, or 21.2 per cent, from the earnings of January 1931. Operating expenses were reduced by \$5,944,416, or 21.4 per cent, or to \$21,780,907, and net operating revenues were reduced from \$349,653 in 1931 to \$339,543. Freight traffic showed a decrease of 20.5 per cent and passenger traffic a decrease of 25.6 per cent. The total pay roll amounted to \$14,979,524 as against \$19,239,845 last year and the number of employees was reduced from 148,149 to 124,010.

The average earnings per freight train mile were reduced from \$4.77 to \$4.41 and passenger train earnings per train mile were reduced from \$1.65 to \$1.50, due to a reduction of passengers per train from 38.3 to 34.4 and also to a reduction in the average receipt per passenger mile from 2.918 cents to 2.765 cents.

EASTERN LIMES - CANADIAN NATIONAL RAILWAYS: Gross revenues amounting to \$1,608,456 were less than in 1931 by \$287,619, but operating expenses were reduced by \$612,170, or to \$1,991,996, and the operating deficit was reduced from \$708,092 to \$383,540. Passenger traffic declined only 18.2 per cent as against 35.3 per cent on the remainder of the system in Canada. The average revenues per train mile, however, were low, being only \$1.51.

CANADIAN NATIONAL RAILWAYS-(Canadian Lines exclusive of Eastern Lines): With a reduction in gross reverses of \$2,179,113 and in operating expenses of \$2,344,585, the operating loss was reduced by \$165,472, or from \$725,516 in January 1931 to \$560,044. The operating income showed a smaller improvement, the debit being \$746,650 as against \$834,790 in 1931. Freight traffic was lighter by 14.4 per cent and passenger traffic by 35.3 per cent, the passengers per train decreasing from 39.3 to 33.9. The total pay roll amounted to \$8,271,724 which was a reduction from 1931 of \$2,336,111, or 22.0 per cent, for a reduction in the number of employees of 11,092, or 13.5 per cent.

The lines in the United States all showed reduced gross and net revenues, the net operating revenues for the system (exclusive of Eastern Lines) being a debit of \$588,122 as against a debit of \$511,928 in 1931.

CANADIAN PACIFIC RAILWAY: The reports of the Canadian Pacific Railway, starting with January 1932, will include data for the Dominion Atlantic; New Brunswick Coal and Railway Company; Fredericton and Grand Lake Coal and Railway Company; Montreal and Atlantic; Quebec Central; Algoma Eastern and Esquimalt and Nanaimo railways and the 1931 data are restated to be comparable. The Kettle Valley Railway was taken over as a part of the system on January 1, 1931.

Oross revenues amounted to \$9,115,962 which was less than for January 1931 by \$2,745,641, or 23.1 per cent. Operating expenses were reduced by \$2,453,568 and the operating income, amounting to \$617,478, was reduced by \$244,769. The reduction in the pay roll amounted to \$1,678,211, or 22.5 per cent, for a reduction in the number of employees of 11,902, or 20.5 per cent.

SCIECULA CARROLISTA DE LA Alles of Market the second of The first of the contract of t With the last of the control of the .e. n. n. se de . Di. escer de sécor medicio, le escent en la literation de la literation d in the second of the control of the ្សីស ស្ថិត សំខាន់ ស្រុស ស្រែន សំខាន់ សំ ស្រីស ស្រីស្សាស មិនសេស សម្រេច សេស សំខាន់ ស្រីស ស្រីស្សាស សំខាន់ ស

l

OPERATING REVENUES, EXPENSES & STATISTICS STEAM RAILWAYS OF CANADA WITH ANNUAL OPERATING REVENUES OF \$500,000 For the Month of January, 1932

For the Month of Janua		
	1932	1931
OPERATING REVENUES		
Freight	\$15,644,715.05	\$19,692,314.24
Passenger	3,128,080.13	4,434,843.46
Mail	591,901.12	638,473.82
Express	848,966.49	1,036,663.03
Other freight train	4,865.30	2,745.81
Other passenger train	372,080.37	432,495.92
Water line	21,960.00	16,697.18
All other	1,507,881.84	1,820,743.32
Total railway operating revenues	22,120,450.30	28,074,976.78
OPERATING EXPENSES		
Maintenance of way and structures	\$3,401,586.97	\$4,488,862.41
Maintenance of equipment	4,599,522.46	6,251,597.78
Traffic	1,238,840.62	1,654,126.42
Transportation	11,294,357.03	14,034,026.45
Miscellaneous operations	279,377.97	375,352.91
General	996,234.24	1,092,005.87
Trans. for investment	cr. 29,012.22	cr. 170,648.18
Total railway operating expenses	21,780,907.07	27,725,323.66
OPERATING INCOME	מס כלום מספה	6710 FEZ 20
Net operating revenue	\$339,543.23	\$349,653.12
Railway tax accruals	721,859.66	710,753.12
Uncollectable revenues	32,814.17	4,498.30
Hire of equipment	Dr. 11,450.70	Dr. 62,024.09
Joint facilities rents	Dr. 59,396.46	Dr. 50,773.22
Operating income	Dr. 485,977.76	Dr. 478,395.61
OPERATING STATISTICS		
Average miles of road operated	42,141.68	41,988.35
No. of tons carried (Rev.Fr.)	5,223,595	6,981,222
No. of tons carried one mile	1,604,760,660	2,017,521,397
No. of tons carried one mile (All Fr.)	1,755,645,599	2,224,813,187
Gross ton miles, excl. of locomotive & tender	4,191,010,129	5,092,931,978
No. of revenue passengers carried	1,823,719	2,645,640
No. of revenue passengers carried one mile	113,125,507	151,958,879
# Freight train miles	3,550,269	4,129,132
# Passenger train miles	3,290,385	3,969,780
Total train miles (Rev. & Non Rev.)	6,928,023	8,250,411
Freight car miles-loaded	75,294,171	90,428,787
Freight car miles-empty	32,900,986	39,281,096
Passenger train car miles	23,013,305	27,078,840
Total amount of pay roll	\$14,979,524.92	\$19,239,845.85
Number of employees	124,010	148,149
DAILY AVERAGES PER MILE OF ROAD OPERATED	22.,020	,
Operating revenue	\$16.93	\$21.57
Operating expenses	\$16.67	\$21.30
No. of tons moved one mile (Rev.Fr.)	1,228	1,550
No. of tons moved one mile (All Fr.)	1,344	1,709
No. of rev. passengers carried one mile	87	117
	01	7.7.
# AVERAGES PER FREIGHT TRAIN MILE	\$4.41	\$4.77
Freight revenue	452.0	488.6
No. of tons of freight (Rev. Fr.)	494.5	
No of tons of freight (All Fr.)		538.8
Gross ton miles	1180.5	1233.4
Loaded freight cars	21.2	21.9
Empty freight Cars	9.3	9.5
# AVERAGES PER PASSENGER TRAIN MILE		42 (5
Passenger train revenues	\$1.50	\$1.65
Passengers carried	34.4	38.3
Passenger cars	7.0	6.8
Average operating expenses per train mile	\$3.14	\$3.36
Average length of haul (Rev.Fr.) Miles	307.2	289.0
Average passenger journey Miles	62.0	57.4
Average tons per loaded freight car mile	23.3	24.6
Average freight receipt per revenue ton mile	.975¢	.976¢
Average passenger receipt per passenger per mile	2.765¢	2.918¢
Ratio of pay roll to operating revenues	67.7%	68.5%
Ratio of operating expenses to revenues	98.47%	98.75%
TENTO OF OBSTRATIRE CYDENSES AN TEAGUROR	700.10	20.126

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

S. 16.000.013.6 D. 176.800.0 DS. 174.87 TO. 10.000.0 TO. 176.2 00.000,000,000 00.000,000 00.000,000 00.000,000 00.000,000 374,030 122, art kirming 10 10 4 H S - 11 15 101 72. 42.2E 72. 42.2E 73. 46.2E 74. 30E \$1.860, 546 \$2.75 \$0.200, 4 \$0.80, 5 \$1.877, 50 \$1.875, 54 The control of the co . 100 4 . . . de. of ceresus years and services on with ender tradical design of the contract of articles of the contract of the articles of the contract of the en Albin mes al lea de aceauxa El les entre les Antones del Antones les descrir (.ti.tel) sincerca de la composició de l 100 0 . 15 And the state of t 2.72.8 7.73 7.73 3.767 3.767 3.7.78 - 11 ella dec megaesesc den de oces mespecies épades. Bemessen della en la lion par le la compete de la c 2,918 34.5 e don't have a macon which of mined train wiles.

1

OPERATING REVENUES, EXPENSES & STATISTICS EASTERN LINES CANADIAN NATIONAL RAILWAYS

CANADIAN NATIONAL RAILWAYS For the Month of January, 1932			
For the Month of Panua	ary,	1932	1931
OPERATING REVENUES			- / / -
Freight xx		\$1,092,102.00	\$1,291,037.00
Passenger		245,269.00	314,938.00
Mail.		63,805.00	66,550.00
Express		87,600.00	109,500.00
Other freight train		-,,	
Other passenger train		30,179.09	28,050.14
Water line		7-17-17-	
All other		89.500.91	85,999.86
Total railway operating revenues		1,608,456.00	1,896,075.00
OFFRATING MAPENSES		2,000, 1,0100	1,0,0,0,0,0
Mainterance of way and structures		\$305,415.16	\$446,315.02
Maintenance of equipment		416,834.83	531,025.83
Traffic		56.494.60	76,800.20
Transcortation		1.061,950.79	1,381,199.74
Miscellaneous operations		21,374.76	28,467.70
General		130,387.27	
Trans. for investment	Cr.	460.77	Cr. 2,302.10
Total railway operating expenses	0	1,991,996.64	2,604,167.01
OPERATING INCOME		-,)) -,))	2,00,120,002
Net operating revenue	Dr.	\$383,540.64	Dr. \$708,092.01
Railway tax accruals	3/4 1	24,659.30	24,829.84
Uncollectable revenues		124.89	
Hire of equipment	Dr.	76,957.32	
Joint facilities rents	Cr.	19.48	or. 345.71
Operating income	Dr.	485,262.67	Dr. 789,588.59
OPERATING STATISTICS	2	,	2-1 (-), 555
Average miles of road operated		3,342.37	3,342.39
No. of tons carried (Rev.Fr.)		362,092	480,114
No, of tons carried one mile		132,930,840	161,491,618
No of tons carried one mile (All Fr.)		140,187,654	172,792,993
Gross ton miles, excl. of locomotive & tender		312,243,873	376,558,372
No. of revenue passengers carried		206,917	320,214
No, of revenue passengers carried one mile		10,292,658	12,586,689
# Freight train miles		280,045	371,613
# Passenger train miles		283,072	330,841
Total train miles (Rev. & Non Rev.)		573,275	
Freight car miles-loaded		5,914,558	
Freight car miles-empty		1,569,242	
Fassenger trein car miles		1,830,530	
Total amount of pay roll			Canadian Lines
Number of encloyees		11 11	
DAILY AVERAGES FOR MILE OF ROAD OPERATED			
Operating revenues		\$15.52	\$18.30
Operating expenses		\$19.23	
No. of tons moved one mile (Rev.Fr.)		1,283	
No. of tons moved one mile (All Fr.)		1,353	
No. of rev. passengers carried one mile		99	121
#AVERAGES PER FREIGHT TRAIN MILE			
Freigh revenue		\$3.90	\$3.47
No. of tons of freight (Rev.Fr.)		474.7	434.6
No of tons of freight (All Fr.)		500.6	465.0
Gress ton miles		1115.0	1013.3
Located freight cars		21.1	19.2
Empty freight cars		5.6	5.2
#Averages per possenger train mile			1.57
Passenger brain revenues		\$1.51	\$1.29
Passengers carriod		36.4	38.0
Passenge, care		6.5	6.3
Average operating expenses per train mile		\$3.47	\$3.53
Average length of haul (Rev. Fr.) Miles		367.1	336.4
Average passenger journey Miles		49.7	39.3
Average tons per Loaded freight car mile		23.7	24.2
Average freight receipt per revenue ton mile		.8224	.799¢
Average passenger receipt per passenger per mile		2.383¢	
Ratio of operating expenses to revenues		123.859	
xx - Including account of Maritime Freight Rates Ac	et	\$139,000.00	
# - Contains a proportion of mixed train miles.			
"			

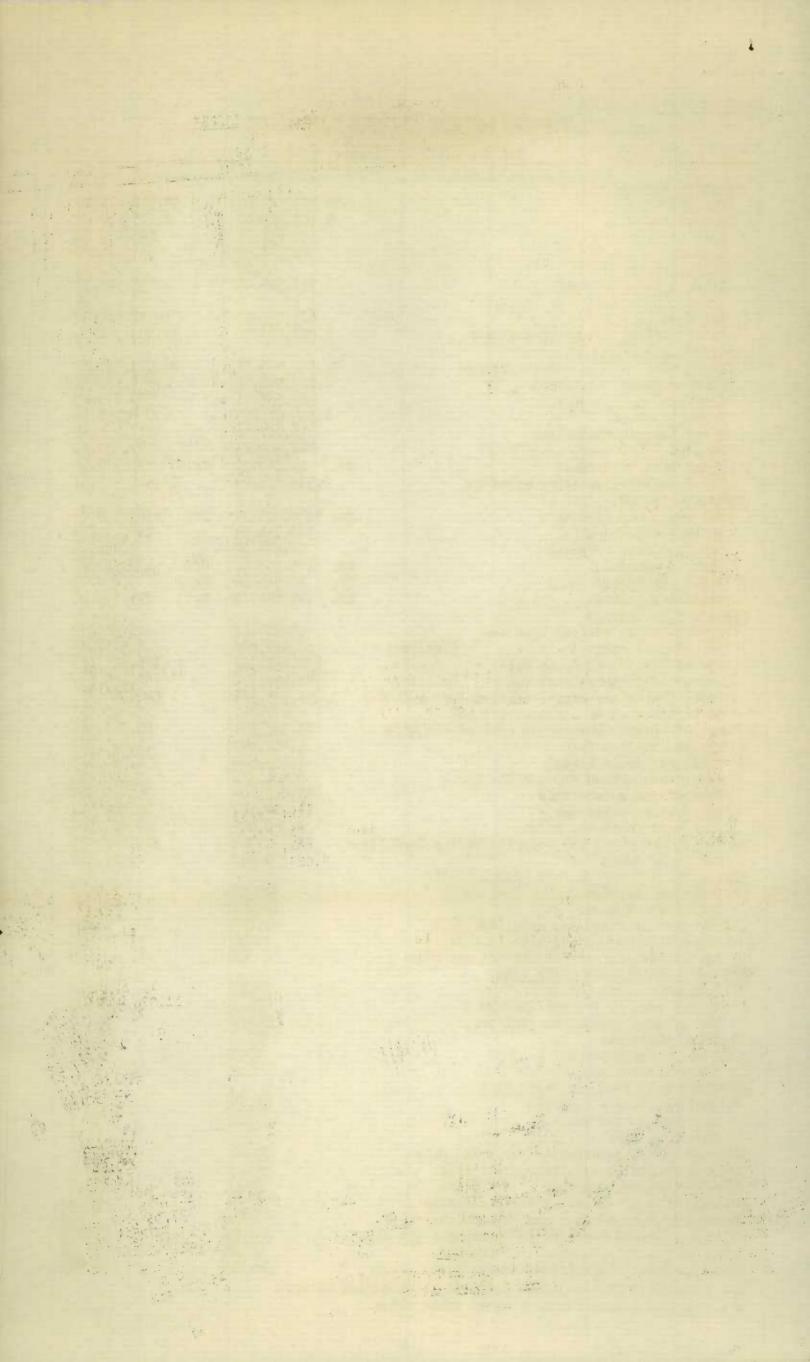
151,471. 152,472. 172,772. 174,134. 174,134. Language (Contraction of the Contraction of the Con ac ADA NOTE STATE OF THE STATE OF 03.000,646. M. O. . W.18

The Firms

OPERATING REVENUES, EXPENSES & STATISTICS CANADIAN NATIONAL RAILWAYS For the Month of January, 1972

For the Month of Ja		1071
Annual Assistant Consequenting	1932	1931
OPERATING REVENUES	\$6 JIDT 197 CO	\$7,748,846.00
Preight	\$6,483,127.00	1,715,890.00
Passenger -	1,101,313.00	205,800,00
Mail Throwes	528,048.46	653,856.00
Other freight train	54.00	533,21
Other passenger main	112,544.93	139,309.39
Taker Line	رور و المعالمة	± , , , , , , , , , , , , , , , , , , ,
All oher	621,047.90	738,666.40
Total reiles operating revenues	9,023,788.00	11,202,901.00
OPERATION RESIDENCE	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,; ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Maintenance of way and structures	\$1,577,843.82	\$2,027,997.82
Main ename of equipment	2.223.946.49	2,844,167.41
Traffic	364,535.81	530,273.25
Fransportation	4,914,021.54	6,042,157.24
Miscellaneous operations	76,021.46	117,356.85
Gereral .	442,303.83	497,937.81
Trans, for investment	Cr. 14,840.91	Cr. 131,472.71
Total cailway operating expenses	9,583.832.04	11,928,417.67
OPERATING INCOME		
Net operating revenue	Dr. \$560,044.04	Dr. \$725,516.67
Railvey tax accruals	300,731.53	284,372.78
Uncollectable revenues	31,304.08	4,466.66
Hirs of equipment	cr 165, 953.61	cr. 174,317.22
Joint facilities rents	Dr. 20,524.66	Cr. 5,213.79
Operating income	Dr. 746,650,70	Dr. 834,790.10
OPERATING STATISTICS		
Average miles of road operated	18,714.07	18,598,79
No. of tems carried (Rev.Fr.)	1,982,888	2,520,687
No. of tons carried one mile ""	672,892,522	786,423,159
No. of tons carried one mile (All Fr.)	748,455,999	883,159.697
Gross ton miles, excl. of locomotive & tende	r 1,741,315,582	2,022,362,481
No. of revenue marsengers carried	677,097	1,090,993
No. of revenue passengers carried one mile	39,293,281	60,747,369
# Freight train miles	1,412,643	1,493,257
# Passenger train miles	1,159,584	1,546,529
Total train miles (Rev. & Non Rev.)	2,620,310	3,100,820 36,460,867
Freight car miles-loaded	14,028,157	15,909,914
Freight car miles-empty Passenger train car miles	8,246,013	10,287,568
Total amount of pay roll (Including East.Li		\$10,607,835
	70.820	81,912
DAILY AVERAGES FER MILE OF ROAD OPERATED	10;0-0	
Operating revenue	\$1.5.55	\$19.43
Onorating expenses	\$16.52	\$20.69
No. of tone moved one mile (Rev.Fr.)	1,160	, , , , ,
No. of tone moved one mile (All Fr.)	1,290	1,532
No. of rev. passengers carried one mile	68	105
#AVERAGES PER ERFECER TRAIN MILE		
Freight reverse	\$1.59	\$5.19
No. of tons of freight (Rev.Fr.)	476.3	526.6
No. of tons of freight (All Fr.)	529.8	591.4
Gros, ion miles	1232.7	1354.3
Load d freight surs	22.0	5,1,7
Emply freight cars	9.9	10.7
#AVERAGES PER PASSENCER TRAIN MILE	b= (C	43 70
Passonger main revenues	\$1.66	\$1.75
Passengers darmied	33.9	39.3
Passenger cars	7.1	b.7
Average operating expenses per train mile	\$3.66	\$3.85
Average length of haul (Rev.Fr.) liles	339-3	312.0
Average passenger journey Miles	58.0 24.1	55.7 214.2
Average tons per louded freight car mile	.963¢	
Average Sreight receipt per revenue ton mile		2,825¢
Average passenger receipt per passenger per mil	77.8%	
Ratic of pay roll to operating revenues	106.21%	- 1 '4
Ratic of operating expanses to revenues	ino notio	2000

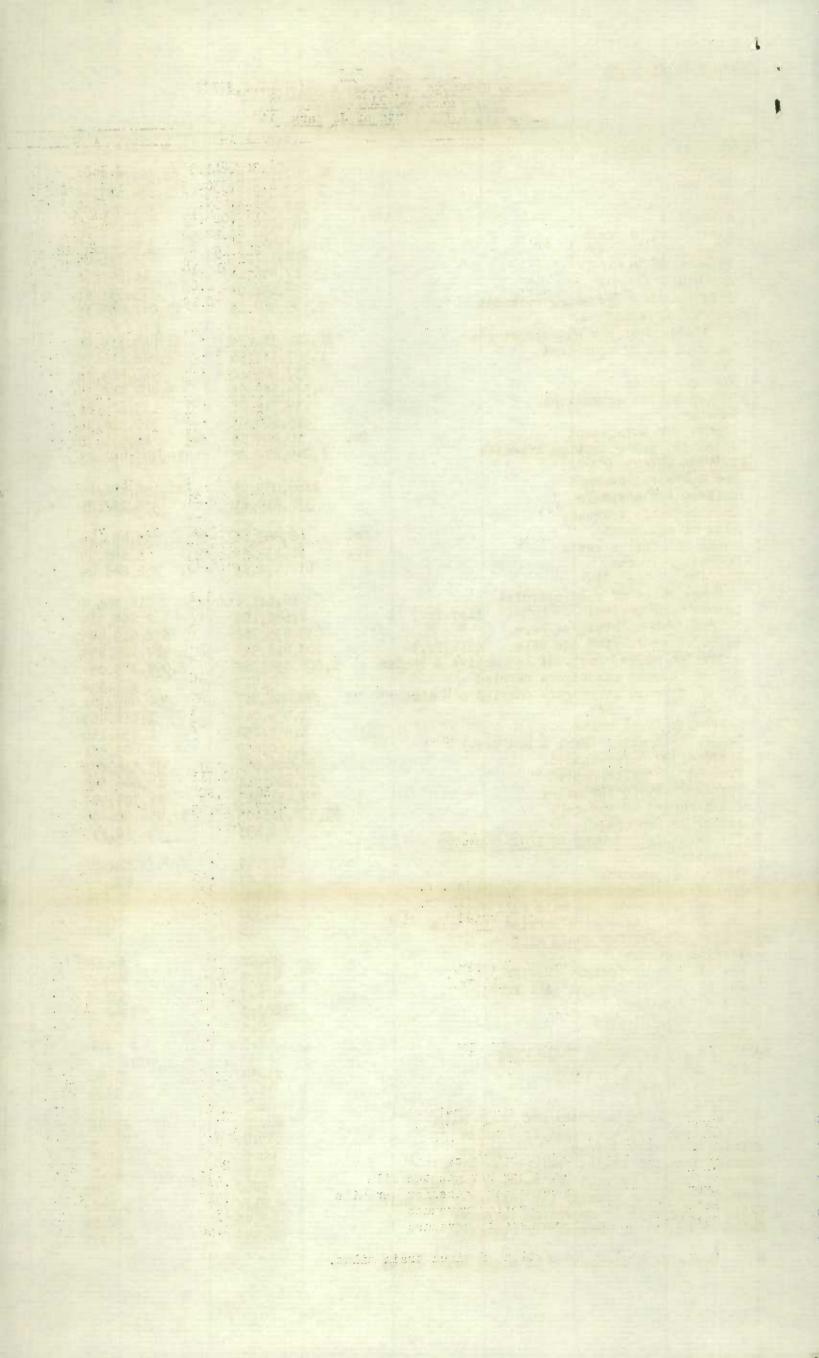
Revenue of Eastern Lines included to determine ratio.
- Contains a proportion of mixed train miles.



OPERATING REVENUES, EXPENSES & STATISTICS CANADIAN PACIFIC RAILWAY For the Month of January, 1932

For the Month of Jan	mar,y		
		1932	1931
OPERATING HOVENUES			
		AC 707 601 90	## 76# F1F 76
Freight		\$6,307,601.89	\$8,368,515.76
Passongor		1,393,330.53	1,844,627.95
Mail		311,658.06	321,992.94
Express		167,024.93	179,286.96
*			
Other conight train		4,627.92	2,212.60
Other passenger train		218,151.67	252,736.09
Water line			
		17,416.14	16,697.18
All other		696,151.05	875,533.91
Total addway operating revenues		9,115,962.19	11,861,603.39
		7,117,900.19	11,001,000.00
OPERATING EXPENSES			
Maintenance of way and structures		\$1,216,586.74	\$1,634,916.98
Maintenance of equipment		1,507,327.56	2,248,896.55
Traffic		737,503.10	960,409.20
Transpertation		4,374,355.53	5,404,748.35
Miscellangous operations		139,319.07	173,622.61
Genewal		285,600.03	310,528.96
Trans. for investment	Cr.	10,809.83	cr. 29,671.72
	0		
Total railway operating expenses		8,249,882.20	10,703,450.93
OPERATING INCOME			
Net operating revenue		\$866,079.99	\$1,158,152.46
Railway tax accruals		336,610.21	338,282.81
Uncollectable revenues		MA 400	delt state
Hire of equipment	Cr.	66,869.08	cr. 39,497.44
Joint facilities rents	Cr.		Cr. 2,880.95
Operating income		617,478.83	862.248.04
OPERATING STATISTICS			
		36 613 3	36 766 7
Average males of road operated		16,811.1	16,766.8
No, of tons carried (Rev.Fr.)		1.662,108	2,259,319
No. of tons carried one mile " "		639,835,782	872,919,445
NV. OI SIIS COLLIEU OIC IIII			
No. of tons catried one mile (All Fr.)		703,618,994	967,125,239
Gross ton miles, excl. of locomotive & tender		1,606,396,288	2,077,779,654
No. of revenue passengers carried		743,412	981,338
No. of revenue passengers carried one mile		49,456,217	60,685,761
# Meight train miles		1,476,011	1,818,459
# Passenger train miles		1,558,252	1,738,116
Total train miles (Rev. & Non Rev.)		3,060,639	3,603,581
Freight car miles-loaded		28,666,666	35,816,873
Freight car miles-empty		11,600,711	14,646,562
Passenger train car miles		10,451,827	11,709,407
Total amount of pay roll		\$5,778,715.03	\$7,456,926.06
Number of employees		46,295	58,197
A T		10,275	20,271
DAILY AVERAGES PER MILE OF ROAD OPERATED			
Operating revenue		\$17.49	\$22.82
Operating expenses		\$15.83	\$20.59
No of sons moved one mile (Rev.Fr.)		1,228	1,679
No. of tons moved one mile (All Fr.)		1,350	1,861
No. of nev, passengers carried one mile		95	117
		7)	14
#AVERAGES PER FREIGHT TRAIN MILE			
Freight revenue		\$4.28	\$4.60
No. of tons of freight (Rev.Fr.)		433.5	480.0
No. of tons of freight (All Fr.)		476.7	531.8
Gross ton miles		1088.3	1142.6
		19.4	
Loader Areignt cars			19.7
Empty freight cars		7.9	8.1
#AVERAC 3 PER PASSENGER TRAIN MILE			
Passenger train revenues		\$1.34	\$1.50
Passengers carried		31.7	34.9
Passenger cars		6.7	6.7
Average operating aspenses per train mile		\$2.70	\$2.97
Average length of haul (Rev. Fr.) Miles		385.0	386.4
Average passenger journey Miles		66.5	61.8
Average tons per loaded freight car mile		24.5	27.0
Average freight receipt per revenue ton mile		.986¢	· 959¢
Average passenger receipt per passenger per mile	9	2.817¢	3.040¢
Ratio of pay roll to operating revenues		63.4%	62.9%
Ratio of operating expenses to revenues		90.50%	90.24%

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



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

For the Month of January, 1932

OPERATING REVENUES

		1932	1931
Canadian Lines Duluth, Winnipeg and Pacific Grand Trunk Western New England Lines Central Vermont Ry. Inc.		\$9,023,788.00 85,209.00 1,313,478.00 97,241.00 428,613.00	\$11,202,901.00 136,855.00 1,724,612.00 149,994.00 542,513.00
	Total	10,948,329.00	13,756,875.00
OPERATI	NG EXPENSE	28	
Canadían Lines Duluth, Winnipeg and Pacific Grand Trunk Western New England Lines Central Vermont Ry., Inc.		9,583,832.04 90,812.67 1,308,139.15 132,261.27 421,406.54	11,928,417.67 138,621.49 1,547,877.95 162,233.42 491,653.03
	Total	11,536,451.67	14,268,803.56
NET OPERATING REVENUES			
Canadian Lines Duluth, Winnipeg and Pacific Grand Trunk Western New England Lines Central Vermont Ry:, Inc.	I	560,044.04 5,603.67 5,338.85 7,206.46	Dr. 725,516.67 Dr. 1,766.49 176,734.05 Dr. 12,239.42 50,859.97
	Total D	r. 588,122,67	Dr. 511,928.56
OPERATING INCOME			
Canadian Lines Duluth, Winnipeg and Pacific Grand Trunk Western New England Lines Central Vermont Ry., Inc.	D	746,650,70 9,405,33 r. 204,683,23 r. 96,203,83 r. 9,478,18	Dr. 834,790.10 606.98 Dr. 182,172.62 Dr. 76,406.64 49,860.79
	Total D	r. 1,047,610.61	Dr.1,042,901.59

STATISTICS CANADA LIBRARY
DIBLOTHEQUE STATISTIQUE CAMADA 1010703523

The Contract of the Contract o

1.516 Werr Cerr

100 100 p

19-11 1. *1377.1 W. A. *13-14 1.