CANADA

DEPARTMENT OF TRADE AND COMMERCE DOMINON BUREAU OF STATISTICS TRANSPORTATION BRANCH

OPERATING REVENUES EXPENSES & STATISTICS

of

RAILWAYS

With Annual Operating Revenues of \$500,000

For

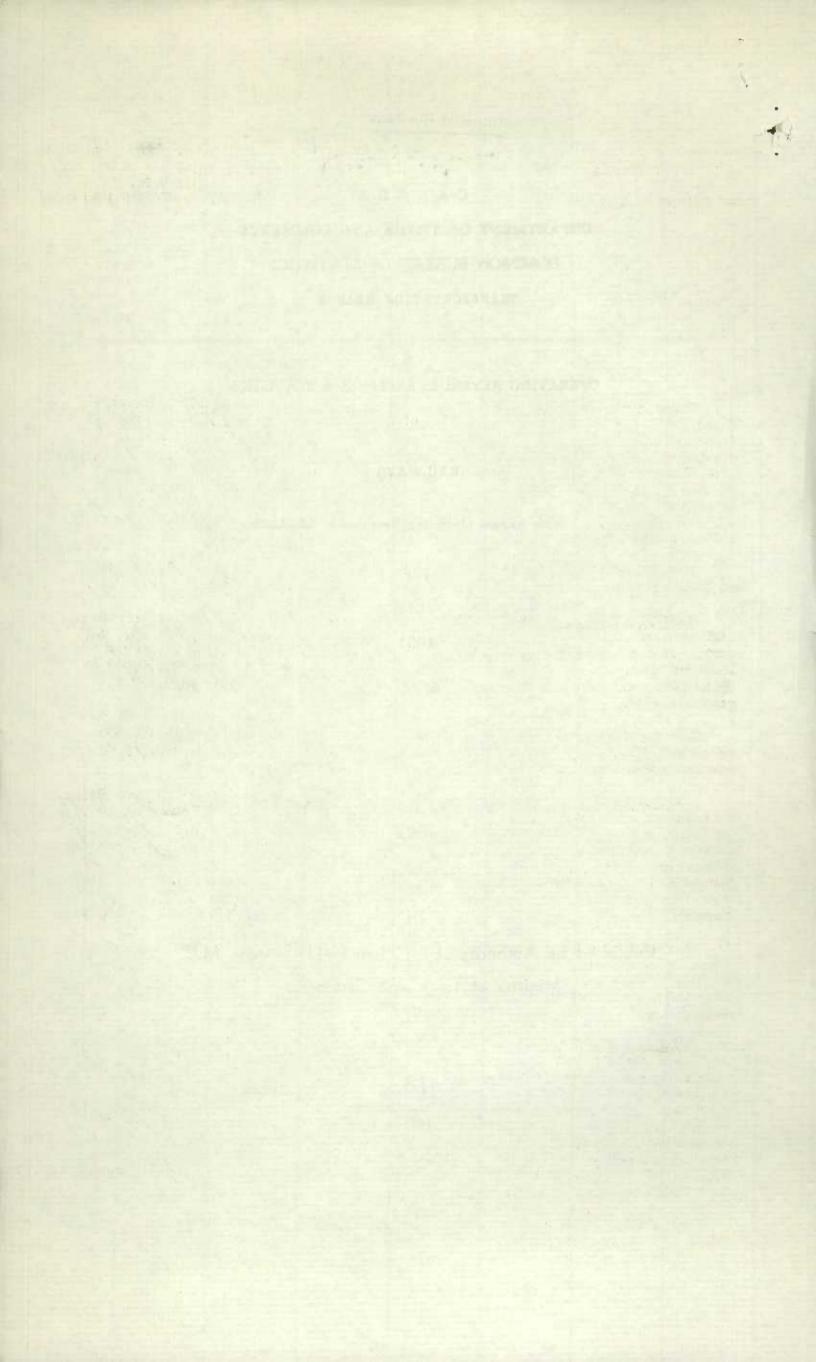
MAY

1931

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Minister of Trade and Commerce

OTTAWA

1931



DIPARTITUT OF TRAFE AND COMMERCE DOMINION BUREAU OF STATISTICS TRAFFORTATION AND PURLIC UTILITIES BRANCH OFTATA

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

OPERATING PEVILUES, EXPINSES & STATISTICS

STEAM RAILWAYS OF CAMADA

WITH ANNUAL OPERATING REVENUES OF \$500,000

FOR THE MONTH OF MAN, 1931

Gross revenues of Canadian railways for May, amounting to \$30,934,375, were \$6,837,469 less than in 1930 and were the smallest earned in any May recorded in these reports, (1920), and passenger receipts were the smallest earned in any previous month since 1920. Operating expenses amounted to \$28,768,450, or \$4,896,601 less than in 1930, and net operating revenues amounted to \$2,165,925, as against \$4,106,793 last year. Although the average train loading was 523.9 revenue tons as against 473.5 tons in 1930, the average receipts per train mile decreased from \$5.78 to \$5.50 and, due to light passenger traffic, the average passenger train revenues were lighter by 33 cents per train mile, or 16.6 per cent.

For January - May, gross revenues were \$147,388,685 as against \$179,024,342 in 1930 and the operating income was \$4,746,497 as against \$14,569,557 last year.

EASTERN LINES - CANADIAN NATIONAL RAILWAYS; Freight traffic during May was lighter than in 1930 by 11.3 per cent and passenger traffic decreased by 29.9 per cent, reducing operating revenues from \$2,560,727 in 1930 to \$2,236,374, or by 12.7 per cent. Operating expenses increased by 4 per cent, or from \$2,890,469 to \$3,005,278, and the operating less amounted to \$763,304 as against \$329,742 the previous year.

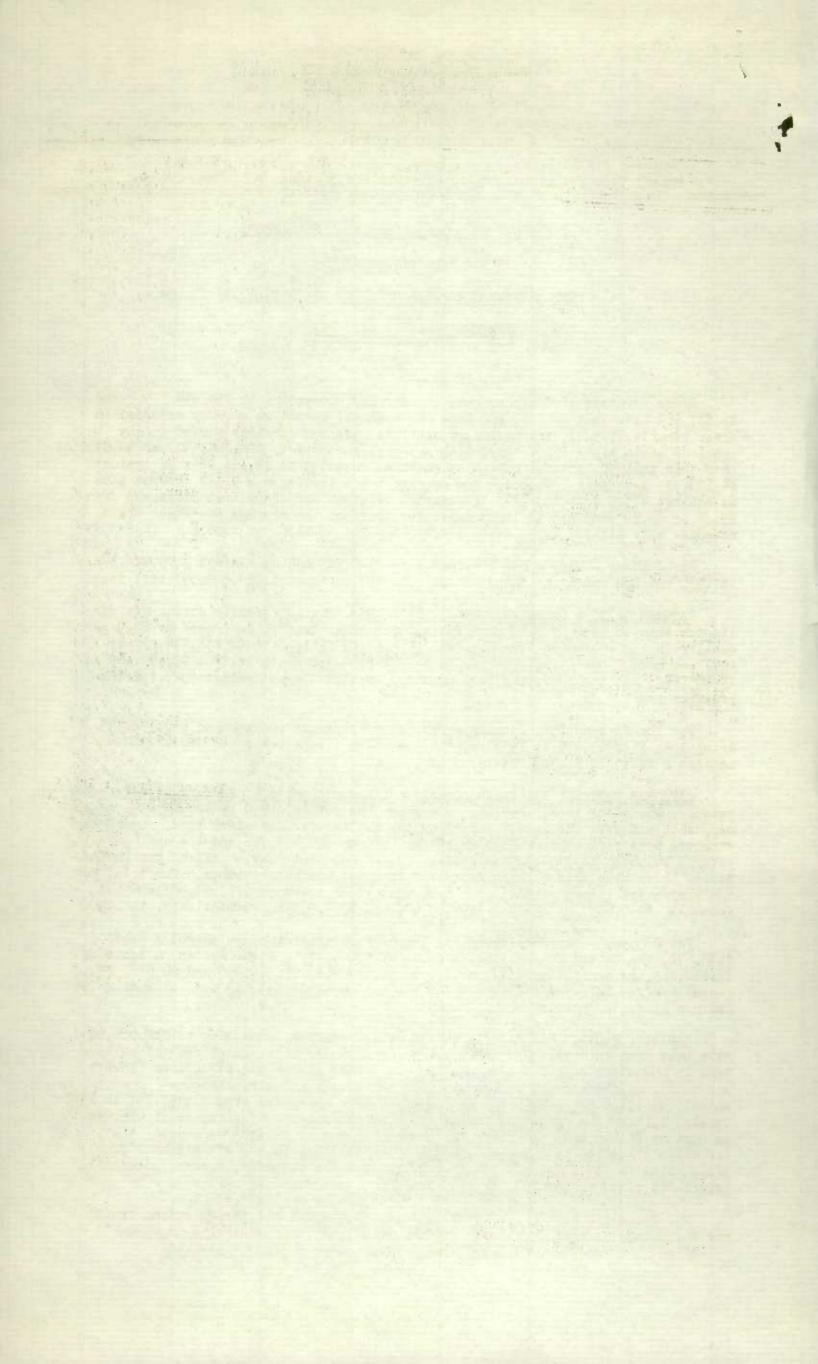
For the five months, January - May, gross revenues amounted to \$10,792,359 as against \$12,801,035 in 1930 and the operating income debit was \$2,963,922 as against a debit of \$1,389,043 last year.

CANADIAN NATIONAL RAILWAYS- (Canadian Lines exclusive of Eastern Lines): Gross revenues amounting to \$12,844,056 were less than for May 1930 by \$2,510,839, or 16.4 per cent, and were the lowest earned by the railway for May since 1922. Operating expenses were reduced from \$13,625,153 in 1930 to \$12,439,726 and the net operating revenue amounted to \$404,329 as against \$1,726,741 last year. All of the United States lines also showed large decreases in gross and net revenues. The total for the system (exclusive of Eastern Lines) was: gross revenues \$15,504,627 and net revenues, \$440,689, as against \$19,013,606 and \$2,309,131, respectively, in 1930.

For January - May, the operating income for Canadian lines showed a debit of \$575,670, the United States lines, a debit of \$607,142, and the system, a debit of \$1,182,813, as against credits in 1930 of \$4,647,914, \$1,368,457 and \$6,016,72, respectively. This was a decrease for the system of \$7,199,185 and, including the Eastern Lines, a decrease of \$5,774,065.

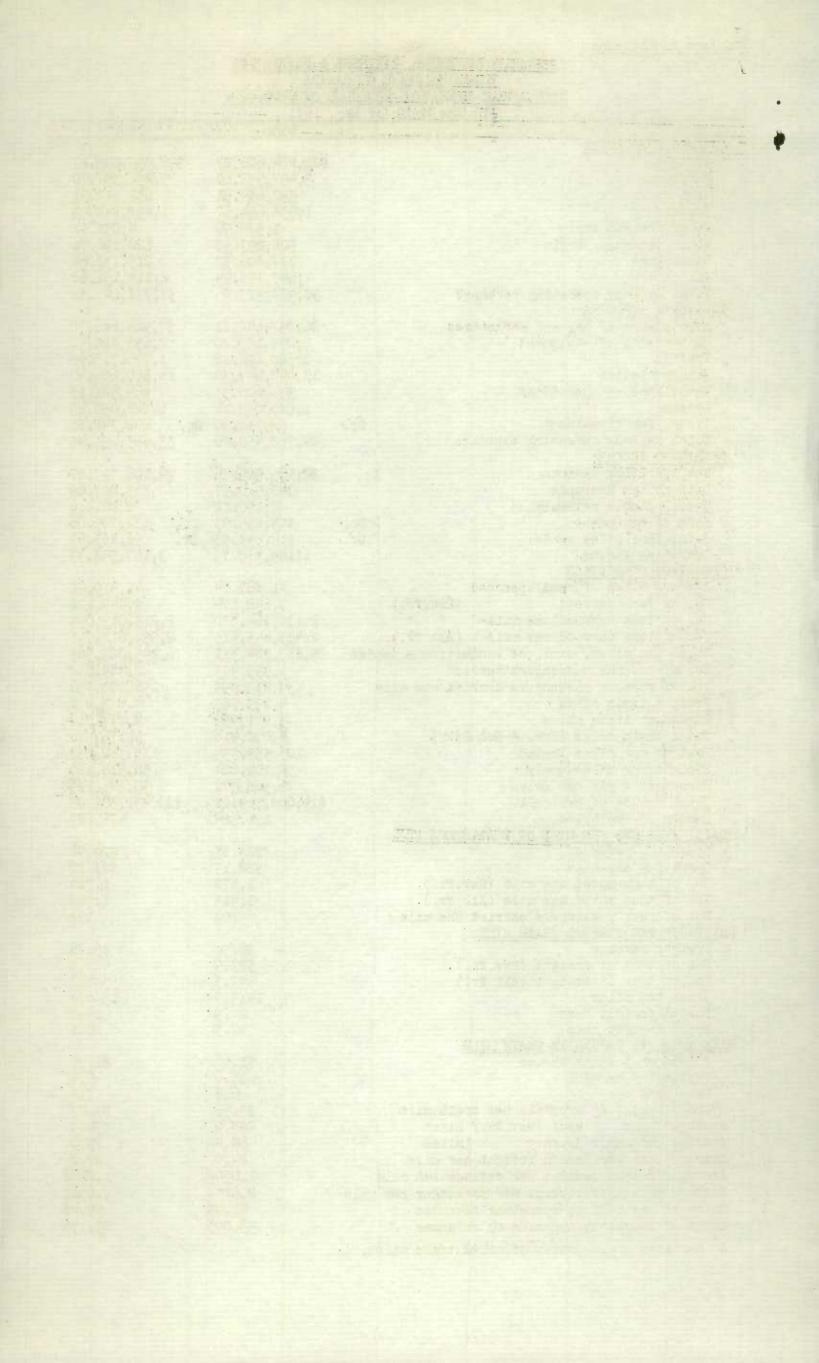
CANADIAN PACIFIC RAILWAY: Although gross revenues, amounting to \$12,066,604, were less than in May 1930 by \$2,901,273, or 19.4 per cent, large reductions were made in operating expenses, especially maintenance of way and structures (35.9 per cent), maintenance of equipment (25.4 per cent), and miscellaneous operations (31.0 per cent), and net revenues were increased from \$1,497,747 in 1930 to \$1,771,182. The operating income was also increased, amounting to \$1,445,945 as against \$1,206,621 last year. Although the tons of freight decreased, the ton miles increased by 6.8 per cent due to an increase in the average haul from 326.7 miles to 435.5 miles. The average receipt per ton mile, however, decreased from 1.218 cents in May 1930 to .949 cents.

For January - May, gross revenues were \$57,996,294 and the operating income was \$5,951,697 as against \$65,347,819 and \$6,779,605, respectively, in 1930.



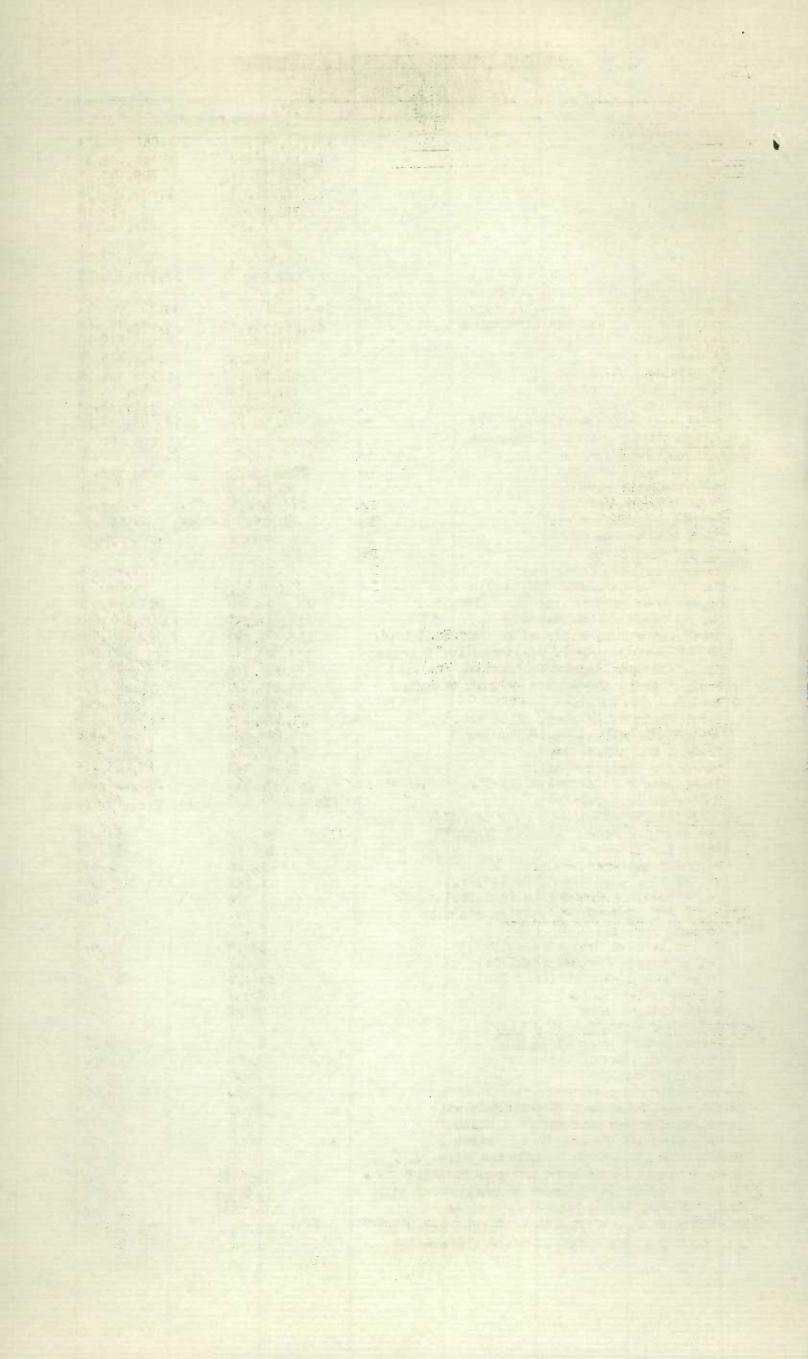
OPERATING REVENUES, EXPENSES & STATISTICS STEAM RAILWAYS OF CANADA WITH ANNUAL OPERATING REVENUES OF \$500,000. For the Month of May 1931

For the Month o	f May	, 1931	
		1931	1930
OPERATING REVENUES			
Freight		\$22,864,606.27	\$26,990,025.27
Fassenger		3,497,553.60	5,296,351.70
Mail		597,684.51	631,112.51
Express		1,638,694.67	1,892,842.99
Other freight train		1,976.56	4,031.81
Other passenger train		508,297.49	628,196.78
Water line		177,806.32	215,132.64
All other		1,647,756.44	2,114,151.62
Total railway operating revenues		30,934,375.86	37,771,845.32
OPERATING EXPENSES			
Maintenance of way and structures		\$6,837,642.81	\$7,924,666.70
Maintenance of equipment		6,045,129.70	7,698,828.40
Traffic		1,520,896.12	1,770,315.42
Transportation		13,042,847.30	14,880,604.40
Miscellaneous operations		334,606.55	464,921.18
General		1,080,045.12	1,128,058.15
Trans. for investment	Cr.	92,717.50	cr. 202,342.80
Total railway operating expenses		28,768,450.10	33,665,051.45
OPERATING INCOME			
Net operating revenue		\$2,165,925.76	\$4,106,793.87
Failway tax accruals		748,510.57	765,807.69
Uncollectable revenues		2,190.12	
Hire of equipment	Dr.	115,255.93	
Joint facilities rents	Dr.	114,593.35	Dr. 96,863.63
Operating income		1,185,375.79	3,107,392.39
OPERATING STATISTICS		112 05 = 71	la land ha
Average miles of road operated		41,867.74	41,419.48
No. of tons carried one mile ""		7,642,174	9,444,118
No. of while carried one mile		2,178,264,070	2,213,015,000
No. of tons carried one mile (All Fr.)	2	2,483,445,915	2,559,611,711
Gross ton miles, excl. of locomotive & ten	aer	5,887,384,511	6,245,829,365
No. of revenue passengers carried		1,955,973	2,489,832
No. of revenue passengers carried one mile		133,813,899	196,803,756
# Freight train miles		4,157,985	4,673,490
# Passenger train miles		3,761,950	4,238,717
Total train miles (Rev. & Non Rev.)		8,082,416	9,176,576
Freight car miles-loaded		103,359,339 52,104,624	115,382,033
Freight car miles-empty			30,341,229
Passenger train car miles Total amount of pay roll		25,588,972 \$19,008,319.11	\$22,431,365.02
Number of employees		151,524	171,228
DAILY AVERAGES PER MILE OF ROAD OPERATED		171,764	1/1,220
Operating revenue		\$23.83	\$29.42
Operating expenses		\$22.17	\$26.22
No. of tons moved one mile (Rev.Fr.)		1,678	1,724
No. of tons moved one mile (All Fr.)		1,913	
No. of rev. passengers carried one mile		103	153
#AVERAGES PER PREIGHT TRAIN MILE			-32
Freight revenue		\$5.50	\$5.78
No. of tons of freight (Rev.Fr.)		523.9	473.5
No. of tons of freight (All Fr.)		597.3	547.7
Gross ton miles		1415.9	1336.4
Loaded freight cars		24.9	24.7
Empty freight cars		12.5	10.8
#AVERAGES PER PASSENGER TRAIN MILE			
Passenger train revenues		\$1.66	\$1.99
Passengers carried		35.6	46.4
Passenger cars		6.8	7.2
Average operating expenses per train mile		\$3.56	\$3.67
Average length of haul (Rev.Fr.) Miles		285.0	234.3
Average passenger journey Miles		68.4	79.0
Average tons per loaded freight car mile		24.0	22.2
Average freight receipt per revenue ton mile		1.050¢	
Average passenger receipt per passenger per	mile	2.614	
Ratio of pay roll to operating revenues		61.4%	
Ratio of operating expenses to revenues		93.00%	89.13%
# Contains a proportion of mixed train mile	s.		



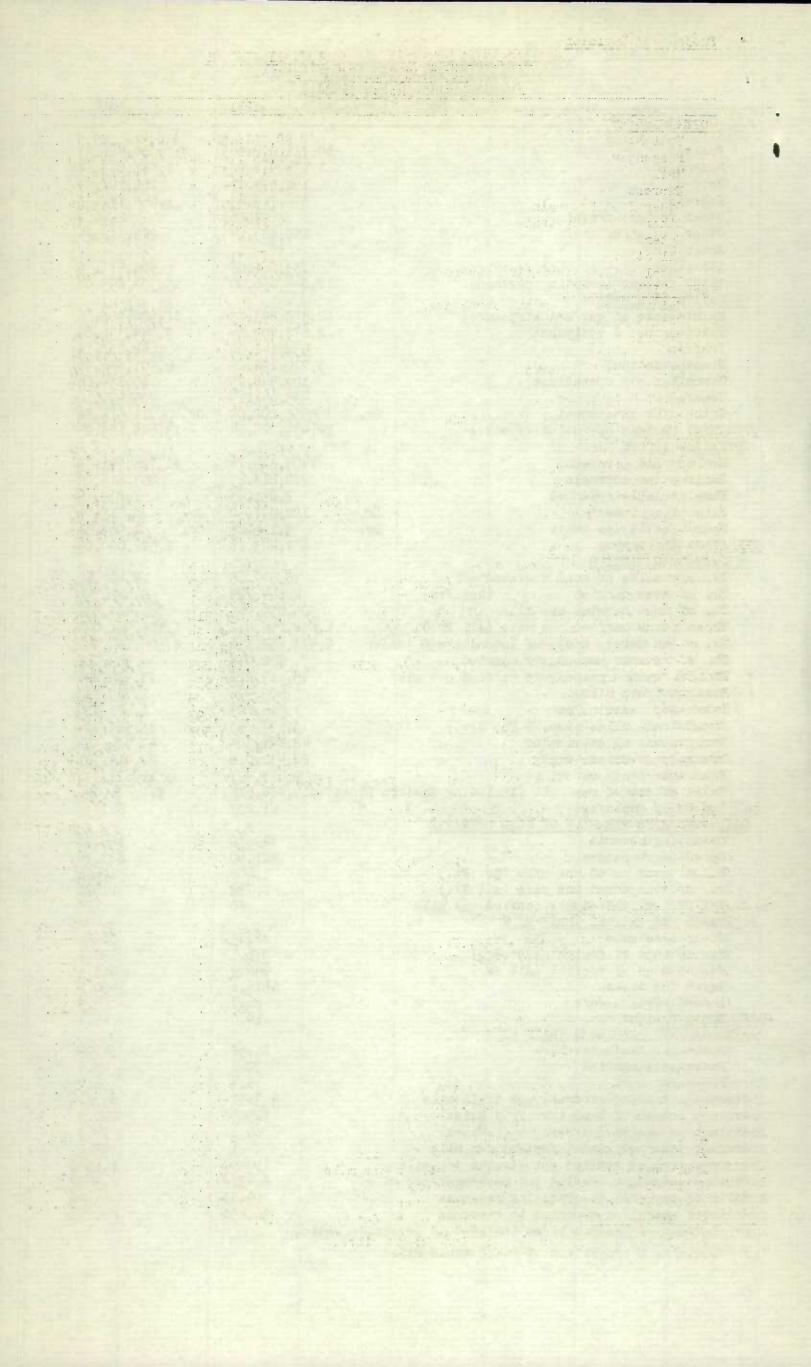
OPERATING REVENUES, EXPENSES & STATISTICS BASTERN LINES CANADIAN NATIONAL RAILWAYS For the Month of May, 1931

For the Month of Ma		
Marie and developed service department of the content of the conte	1.031	1930
OPPRAILING REVENUES		
Karat and and	\$1,553,734.00	\$1,743,774.00
Passenger	321,220,00	1,30,331.00
Maid	66,700.00	67,400.00
Express	151,046,85	165,000.00
Other freight train	2)2.90-000)	20,,000.00
Other passenger train	40,684.43	110 003 71
	40,084.45	42,021,34
Water line	C **	9
All other	102,988.72	112,200.66
Total railway operaving revenues	2,236,374.00	2,560,727.00
OPERATING EXPENSES		
Maintenance of way and structures	\$1,083,319.12	\$ 710,533.19
Maintenance of equipment	511,809.27	697,054,24
Traffic	77,738.81	68,667.62
Transportation	1,171,265.91	1,238,598.35
Miscellaneous operations	23,497.93	
General	1/10 7/10 00	29,153.58
	142,748.22	126,729.08
Trans. for investment Cr.	5,100.65	Cr. 287.26
Total railway premating expenses	3,005,273,61	2,890,469.30
OPERATING INCOME		
Net operating revenue Dr.	\$768,904.61	Dr. \$329,742.30
Railway tax accruals	30,085.39	24,979.65
Uncellectable revenues	1.18.75	25.45
Hire of equipment Dr.	62,879.12	Dr. 40,065.45
Joint facilities rents Dr.	452.86	Dr. 892.90
Operating income Dr.	862, 441.03	
	002, 11.03	Dr. 395,705.75
OFFRATING STATISTICS	1100	
Average miles of road operated	3,342.39	3,332.54
No. of tons carried (Rev.Fr.)	453,287	507,204
No. of tons carried one mile " "	117,296,247	132,257,492
No. of tons carried one mile (All Fr.)	142,278,998	147,301,002
Gross ton miles, excl. of locomotive & tender	334,589,767	351,446,932
No, of revenue passengers carried	245,105	290,678
No, of revenue passengers carried one mile	13,804,481	19,705,014
# Freight train miles	324,594	
# Passenger train miles	700 1197	357,822
Total train miles (Rev. & Non Rev.)	309,487	332,914
	652,968	704,079
Freight car miles-loaded	6,577,460	7,211,346
Freight car miles-empty	2,161,335	2,205,016
Passenger train car miles	1,971,334	2,203,194
Total enount of pay roll	(Included in Car	
Number of employees	II II	1:
DAILY AVERAGES PER MILE OF ROAD OPERATED		
Operating revenue	\$21.58	\$211. 73
Operating expenses	\$29,00	\$27.98
No. of tons moved one mile (Rev. Fr.)	1,132	1,230
No. of tone moved one mile (All Fr.)	1,373	1,426
No. of rev. passengers carried one mile	133	191
#AVERAGES PUR PRINCED TRACE MILE	4,00	-)-
FRUTAIN LEADING	\$4.79	\$4, 87
No. of tone of freight (Rev.Fr.)	301.4	369.6
	433,3	509.0
No. of tons of freight (All Fr.) Gross ton males		41.7
	1.030,8	982.2
Loaded freight cars	20.3	50.5
Empty froight cars	6.7	6,2
#AVERAGES HAR RESSERVER TRAIN MILE		
Pascenger train revenues	\$1.87	\$2,12
Pescengury carried	41.6	59.2
Passenger care	6. li	59.2 5,5
Average coerating expenses per train mile	\$14.60	\$4,37.
Average length of baul (Rev. Fr.) Miles	255.9	252.3
Average passenger journey Miles	56.3	67.8
Average tone per loaded freight car mile		50°11
	21,6	
Average freight receipt per revenue ton mile	1.325¢	1.2186
Average passenger receipt per passenger per mile	2,3274	2,1844
Ratio of operating expanses to revenues	1.34 . 33%	112,88%
xx - Including account Maritime Freight Rates Act	\$1.75,000,00	\$214,058.00
A divising a managing of mixed train miles.	1-17:	7
The manufact of the manufact o		



OPERATING REVENUES, EXPENSES & STATISTICS CANADIAN NATIONAL RAILWAYS For the Month of May, 1931

For the Month of 1		
	1931	1930
OPERATING REVENUES		
Freight	\$9,711,092.84	\$11,089,966.33
Passenger	1,134,936.92	1,881,043.64
Mail	198,574.73	209,107.37
Express	876,717.43	1,065,191.38
Other freight train	39.86	296.12
	188.827.14	208.312.84
Other passenger train	100,02(.14	200, 512.04
Water line	77- 467 64	
All other	733,867.08	900,977.35
Total railway operating revenues	12,844,056.00	15,354,895.03
OPERATING EXPENSES		
Maintenance of way and structures	\$2,950,293.83	\$2,900,909.66
Maintenance of equipment	2,632,809.84	3,049,391.62
Traffic	532,142.92	642,227.15
Transportation	5,770,192.26	6,501,846.94
	103,548.25	160.834.66
Miscellaneous operations		485,459.10
General	485,941.14	
	35,202.00	Cr. 112,515.88
Total railway operating expenses	12,439,726.24	13,628,153.25
OPERATING INCOME		
Net operating revenue	\$404,329.76	\$1,726,741.78
Railway tax accruals	286,618.23	283,515.20
Uncollectable revenues	2,051.63	1,879.16
	r. 128,877.50	Cr. 78,715.05
Joint facilities rents		Cr. 1,967.56
	241,423.16	
Operating income	241,423.10	1,522,030.03
OPERATING STATISTICS	20 (-	25 1:22 62
Average miles of road operated	18,577.65	18,499.60
No. of tons carried (Rev.Fr.)	2,844,729	3,422,750
No. of tons carried one mile " "	925,839,961	961,408,576
No. of tons carried one mile (All Fr.)	1,032,096,912	1,105,941,047
Gross ton miles, excl. of locomotive & tender	2,438,854,394	2,590,189,942
No. of revenue passengers carried	762,048	989,069
No. of revenue passengers carried one mile	45,817,223	73,489,206
# Freight train miles	1,605,996	1,785,333
# Passenger train miles	1,516,605	1,688,810
Total train miles (Rev. & Non Rev.)	3,177,693	3,585,274
Freight car miles- loaded	42,891,508	47,976,306
Freight car miles- empty	22,430,012	20,415,961
Passenger train car miles	9,658,497	11,627,331
Total amount of pay roll (Including Eastern)		\$11,626,046
Number of employees " "	11 81,227	86,939
DAILY AVERAGES PER MILE OF ROAD OPERATED		
Operating revenue	\$22.30	\$26.77
Operating expenses	\$21.60	\$23.76
No. of tons moved one mile (Rev.Fr.)	1,608	1,676
No. of tons moved one mile (All Fr.)	1,792	1,928
	1,192	128
No. of rev. passengers carried one mile	00	120
#AVERAGES PER FREIGHT TRAIN MILE	AC 0-	AC 22
Freight revenue	\$6.05	\$6.21
No. of tons of freight (Rev.Fr.)	576.5	538.5
No. of tons of freight (All Fr.)	642.7	619.5
Gross ton miles	1518.6	1450.8
Loaded freight cars	26.7	26.9
Empty freight cars	14.0	11.4
#AVERAGES PER PASSENGER TRAIN MILE		
Passenger train revenues	\$1.58	\$1.99
Passengers carried	30.2	43.5
Passenger cars	6.4	6.9
	· ·	\$3.80
Average operating expenses per train mile	\$ 3.91	
Average length of haul (Rev.Fr.) Miles	325.5	280.9
Average passenger journey Miles	60.1	74.3
Average tons per loaded freight car mile	24.1	23.1
Average freight receipt per revenue ton mile	1.049¢	
Average passenger receipt per passenger per mile	2.477¢	
x Ratio of pay roll to operating revenues	69.5%	64.9%
Ratio of operating expenses to revenues	96.85%	
x - Revenue of Eastern Lines included to determ		
# - Contains a proportion of mixed train miles.		



OPERATING REVENUES, EXPENSES & STATISTICS

C HILL	HULL	FTA	PAUL	177	A LUT	LWAI
For	the	Mo	nth	of	May	1931

For the Month of M	ay, 19			
OPERATING REVENUES		1931]	1930
Freight		\$8,738,075.54	\$10 408	3,887.82
Passenger		1,528,975.22		3,395.15
Mail		279,412.82		1,092.45
Express		444,296.88		
Other freight train		7 910 00		5,560.57
		1,840.00	3	3,613.45
Other passenger train		261,640.97		3,126.72
Water line		135,318.72		6,684.52
All other		677,044.22		,517.52
Total railway operating revenues		12,066,604.37	14,967	7,878.20
OPERATING EXPENSES				
Maintenance of way and structures		\$2,155,570.64	\$3,362	2,059.70
Maintenance of equipment		2,219,272.10		,027.40
Traffic		813,529.52		848.25
Transportation		4,707,323.93		,261.35
Miscellaneous operations		153.936.55		,184.30
General			7 7	977 17
	Om	287,982.79	254	.833.47
Trans. for investment	Or.	42,193.21	Cr. 77	
Total railway operating expenses		10,295,422.32	13,470	,130.28
OPERATING INCOME				
Net operating revenue		\$1,771,182.05	\$1,497	,747.92
Railway tax accruals		343,275.02	340	,251.24
Uncollectable revenues		30.00c		50.07
Hire of equipment	Or.	47.690.50	Cr. 68	,015.42
Joint facilities rents	Dr.	29,651.62	Dr. 18	.890.84
Operating income		1.445.945.91	1 206	,621.26
OPERATING STATISTICS		41)())«	# # # # C	* care and
Average miles of road operated		15.544.9	15	.241.7
No. of tons carried (Rev.Fr.)		2,113,310		638,803
THE OF SOUR COURT OF STREET		920,334,419	\$0K.	127,091
No. of tons carried one mile (All)		1,087,021,152	1 042,	184,903
Bross ten miles, exel. of locomotive & tende	of.	2,394,292,728	5,418,	*51.157
No. of revenue passengers carried		646,938		839,136
No. of revenue passengers carried one mile		55.860.055		657.897
# Freight train miles		1.695,251	1.	885,797
# Passenger train miles		1,511,270	1.	744,238
Total train miles (Rev. & Non Rev.)		3,266,409	3.	741.962
Freight car miles-loaded		40,918,954		134.939
Freight car miles-empty		18,862,506		528,457
Passenger train car miles		10,664,717		736,308
Total amount of pay roll		\$7.011,206.59		741.66
Number of employees		58,911	40,571	70.902
DAILY AVERAGES PER MILE OF ROAD OPERATED		70,711		10,500
		\$25.04		\$31.68
Operating revenue				
Operating expenses		\$21.36		\$28.51
No. of tons moved one mile (Rev.Fr.)		1,910		1,825
No. of tons moved one mile (All Fr.)		2,256		2,206
No. of rev. passengers carried one mile		116		169
#AVERAGES PER FREIGHT TRAIN MILE				
Freight revenue		\$5.16		\$5.57
No. of tons of freight (Rev.Fr.)		542.9		457.2
No. of tons of freight (All Fr.)		641.2		552.6
Gross ton miles		1412.4		1314.4
Loaded freight cars		24.1		23.9
Empty freight cars		11.1		9.3
AVERAGES PER PASSENGER TRAIN MILE		~212		1.0
Passenger train revenues		\$1.66		\$1.92
Passengers carried		37.0		45.7
Passenger cars		7.1		7.3
Average operating expenses per train mile		\$3.15		\$3.60
Average length of haul (Rev.Fr.) Miles		435.5		326.7
Average passenger journey Miles		86.3		94.9
Average tons per loaded freight car mile		26.6		23.1
Average freight receipt per revenue ton mile		.949¢		1.218¢
Average passenger receipt per passenger per mile		2.737¢		2.829¢
Ratio of pay roll to operating revenues		58.1%		60.1%
Ratio of operating expenses to revenues		85.32%		89.99%
Errata for April, 1931-		-7-7-1		70376
Average length of haul (Rev. Fr.) Miles reads 310	. 1 Show	uld read 427 5		
A Contains a manual (nev. 11.) Miles reads)10				
# - Contains a proportion of mixed train miles.				

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

FOR THE MONTH OF MAY, 1931

OPERAT	ING REVENU	TES			
A company of the control of the cont			1931	1930	
Canadian Lines Duluth, Winnipeg and Pacific Grand Trunk Western New England Lines Central Vermont Railway	Total		\$12,844,056.00 91,048.00 1,929,918.00 97,810.00 641,795.00 15.604,627.00	146,353.00 2,635,591.00 168,534.97 708,232.00	
OPERAT	ING EXPENS	SES			
Canadian Lines Duluth, Winnipeg and Pacific Grand Trunk Western New England Lines Central Vermont Railway	Total		\$12,439,726.24 136,285.63 1,817,041.23 142,855.64 628,029.22 15,163,937.96	138,731.43 2,154,975.76 168,078.11 614,536.25	
Martin Co.	ATING REVI	GNUES		+0(-1)0	
Canadian Lines Duluth, Winnipeg and Pacific Grand Trunk Western New England Lines Central Vermont Railway	Total	Dr.	\$ 404,329.76 45,237.63 112,876.77 45,045.64 13,765.78 440,689.04	7,621.52 480,615.24 456.86 93,695.75	
OPERA	TING INCOM	Æ			
Canadian Lines Duluth, Winnipeg and Pacific Grand Trunk Western New England Lines Central Vermont Railway	Total	Dr Dr Dr	152,569.31 98,018,49 7,908,61	2,467.63 129,199.79 Dr. 61,002.21 93,916.34	
C II II	MARY				
For Five Month		37 31	st		
	RAILWAYS	-/-			
Operating Revenues Operating Expenses Net operating revenues Operating Income			\$147,388,685.08 137,925,896.29 9,462,788.79 4,746,497,46	\$179,024,342.69 159,294,430,84 19,729,911.85 14,569,557.09	
CANADIAN N	ATIONAL RA	ILWA	<u>YS</u>		
Operating revenues - Canadian Lines # United States Lines	Total		\$59,615,120,55 13,424,275.45 73,039,396.00	17,541,491.39	
Operating expenses - Canadian Lines # United States Lines	Total		59,396,079.27 12,209,276.17 71,605,355.44	14,279,289,59 81,356,320,83	
Net operating revenues - Canadian Lines # United States L	ines Total		219,041,28 1,214,999,28 1,434,040,56	3.262,201.80 9,149,042,42	
Operating income - Canadian Lines # United States Lines	Total	Dr. Dr.	575,670.90 607,142.46 1,182,813.36	4,647,914.63 1,368,457.98 6,016,372.61	
CANADIAN NATIONAL RAILWAYS - EASTERN LINES					
Operating revenues Operating expenses Net operating revenues Operating income		Dr.	13,320,584.19 2,528,225.19	\$12,801,035.00 13,842,032.56 Dr. 1,040,997.56 Dr. 1,389,043.32	
Charating revenues	CIFIC RAII	WAY	\$57,996,294.04	\$68.847.819.08	
Operating revenues Operating expenses Net operating revenue Operating income # - Including Central Vermont Railway.			\$57,996,294.04 50,452,125.34 7,544,168.70 5,951,697.77	60,785,598.66 8,062,220.42 6,779,605.96	



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