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DOMINION BUREAU OF STATISTICS

TRANSPORTATION BRANCH

OPERATING REVENUES EXPENSES & STATISTICS

of

RAILWAYS

With Annual Operating Revenues of \$500,000

For

FEBRUARY

1925

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Published by Authority of the Hon. Thos. A. Low, M. P.,  
Minister of Trade and Commerce.

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OTTAWA

1925

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DOMINION BUREAU OF STATISTICS

TRANSPORTATION BRANCH

OTTAWA

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Dominion Statistician, R.H. Coats, B.A., F.S.S., F.R.S.C.  
Chief, Transportation Branch, G.S. Wrong, B.Sc.

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OPERATING REVENUES, EXPENSES & STATISTICS

STEAM RAILWAYS OF CANADA

WITH ANNUAL OPERATING REVENUES OF \$500,000.

For the Month of February, 1925

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The railways of Canada showed considerable improvement in operating results for February, 1925 compared with February, 1924. The operating ratio was reduced by 3.23 points and net operating revenues were increased by \$861,949.

Traffic was lighter by 14 per cent but operating expenses were cut \$3,312,325; or 10.7 per cent, maintenance of equipment being reduced by \$1,085,340, or 13.6 per cent, maintenance of way and structures by \$522,348 and transportation expenses by \$1,609,311. Freight revenues showed a decrease of \$2,059,535, or 8.5 per cent with an average receipt per ton mile of 1.035 cents as against .975 cents in 1924. The decrease in tonnage was largely in grain which tended to increase the average receipts per ton mile. The passenger revenues fell off \$324,772, or 6.6 per cent for a decline in passenger traffic of 8.8 per cent. The average number of employees was less by 7,357 and the total pay roll was reduced \$1,571,538. Car loading was lighter by 1.5 tons and train loading was lighter by 23 net tons but heavier by 1.1 cars with the average revenue per train mile showing an increase of 13 cents. The average haul for revenue freight was shorter by 27 miles being affected also by the smaller grain movement and the average passenger journey showed a decrease of 5.8 miles.

CANADIAN NATIONAL RAILWAYS

Whereas for February, 1924 operating results showed a deficit of \$768,681, the net operating revenues for February, 1925 amounted to \$146,380, or a betterment of \$915,061 and the operating ratio was reduced from 105.22 per cent to 98.95 per cent.

Both freight and passenger revenues showed declines with decreased traffic and total revenues were less than last year by \$843,441, or 5.7 per cent. Substantial cuts were made in maintenance and transportation expenses, the total expenses being reduced by \$1,758,502, or 11.4 per cent. The average number of employees was reduced by 4,124 or 4.8 per cent with a reduction in the pay roll of \$878,561, or 8.6 per cent. The average revenue per freight train mile was increased 13 cents and the operating expenses per train mile (all trains) was reduced by 14 cents.





The net operating revenues of the entire system including the lines in the United States showed an improvement over last year of \$798,765, the Duluth, Winnipeg and Pacific and Grand Trunk Western lines showing smaller net revenues but the New England lines a smaller deficit than last year.

#### CANADIAN PACIFIC RAILWAY

The Canadian Pacific Railway reduced the operating ratio from 92.70 per cent for February, 1924 to 90.69 per cent and increased the net operating revenues by \$145,565. Freight revenues declined \$1,004,024, or 10.8 per cent; passenger revenues \$172,386 or 8.5 per cent and total revenues \$1,241,736, or 9.7 per cent for a decrease of 17 per cent in freight traffic and 9.8 per cent in passenger traffic. Operating expenses were reduced by \$372,661 for maintenance of way and structures, by \$462,397 for maintenance of equipment, by \$615,325 for transportation and by \$1,385,302, or 11.6 per cent in total expenses. The total pay roll was cut \$595,729, or 8.7 per cent for a reduction in staff of 2,658, or 4.9 per cent. The average train loading was lighter by 39.5 net tons and the average load per car was smaller by 2.6 tons. The smaller grain movement was the main factor in this, also in the decreased length of haul and higher average receipts per ton mile.

30/4/25



OPERATING REVENUES, EXPENSES & STATISTICSSTEAM RAILWAYS OF CANADA

With Annual Operating Revenues of \$500,000

For the Month of February, 1925

	1925	1924
<u>OPERATING REVENUES</u>		
Freight	\$22,127,472.02	\$24,187,007.58
Passenger	4,611,686.81	4,936,459.56
Mail	578,591.18	587,113.68
Express	1,295,905.34	1,274,295.40
Other Freight Train	5,723.51	3,981.47
Other Passenger Train	392,292.32	379,922.98
Water Line	42,125.48	52,789.70
All Other	1,038,846.40	1,121,449.13
Total Railway Operating Revenues	30,092,643.06	32,543,019.50
<u>OPERATING EXPENSES</u>		
Maint. of Way and Structures	\$4,089,155.45	\$4,611,484.07
Maint. of Equipment	6,922,720.70	8,008,060.97
Traffic	1,149,224.31	1,120,216.72
Transportation	14,327,345.71	15,936,655.35
Misc. Operations	355,394.26	369,758.01
General	943,612.27	983,784.23
Trans. for Investment	Cr. 29,614.98	Dr. 40,181.88
Total Railway Operating Expenses	27,757,815.72	31,070,141.23
<u>OPERATING INCOME</u>		
Net Operating Revenue	\$2,334,827.34	\$ 1,472,878.27
Railway Tax Accruals	479,561.79	612,175.11
Uncollectable Revenues	16,614.34	437.57
Hire of Equipment	Cr. 214,702.27	Cr. 294,421.09
Joint Facilities Rents	Dr. 91,449.44	Dr. 89,417.05
Operating Income	1,961,904.04	1,065,269.63
<u>OPERATING STATISTICS</u>		
Average Miles of Road Operated	59,077.30	38,620.17
No. of Tons Carried (Rev. Fr.)	8,352,748	8,749,356
No. of Tons Carried One Mile " "	2,138,116,869	2,481,523,829
No. of Tons Carried (All Fr.)	9,527,550	10,282,199
No. of Tons Carried One Mile " "	2,386,618,920	2,789,115,230
No. of Rev. Pass. Carried	3,073,348	3,031,311
No. of Rev. Pass. Carried One Mile	158,401,832	173,688,757
# Freight Train Miles	4,448,542	4,985,407
# Passenger Train Miles	3,588,513	3,503,735
Total Train Miles (Rev. & Non Rev.)	8,065,274	8,793,486
Freight Car Miles-Loaded	97,726,539	107,490,469
Freight Car Miles-Empty	40,366,390	41,861,988
Passenger Train Car Miles	22,527,973	23,261,998
Total Amount of Pay Roll	\$ 17,184,660.66	\$18,756,198.79
Number of Employees	144,823	152,180
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>		
Operating Revenue	\$27.50	\$29.06
Operating Expenses	\$25.37	\$27.74
No. of Tons Moved One Mile (Rev. Fr.)	1,954	2,216
No. of Tons Moved One Mile (All Fr.)	2,181	2,490
No. of Rev. Pass. Carried One Mile	145	155
<u>#AVERAGES PER FREIGHT TRAIN MILE</u>		
Freight Revenue	\$4.98	\$4.85
No. of Tons of Freight (Rev. Fr.)	480.6	497.8
No. of Tons of Freight (All Fr.)	536.5	559.5
Loaded Freight Cars	22.0	21.6
Empty Freight Cars	9.1	8.4
<u>#AVERAGES PER PASSENGER TRAIN MILE</u>		
Passenger Train Revenues	\$2.03	\$2.05
Passengers Carried	46.7	49.6
Passenger Cars	6.6	6.6
Average Operating Expenses per train mile	\$3.44	\$3.53
Average Length of Haul (Rev. Fr.) Miles	256.6	283.6
Average Passenger Journey Miles	51.5	57.3
Average Tons per Loaded Fr. Car	24.4	25.9
Av. Fr. Receipt per Rev. Ton Mile	1.035	.975
Av. Passenger Receipt per Pass. per Mile	2.911	2.842
Ratio of Pay Roll to Operating Revenues	57.1%	57.6%
Ratio of Pay Roll to Operating Expenses	61.9%	60.4%
Ratio of Operating Expenses to Revenues	92.24%	95.47%

# Contains a proportion of mixed train miles.







## OPERATING REVENUES, EXPENSES &amp; STATISTICS

## CANADIAN NATIONAL RAILWAYS

For the Month of February, 1925

	1925	1924	
<u>OPERATING REVENUES</u>			
Freight	\$10,243,743.62	\$11,012,055.67	
Passenger	2,003,617.77	2,106,738.73	
Mail	260,495.99	254,962.57	
Express	760,764.07	736,189.59	
Other Freight Train	--	--	
Other Passenger Train	163,183.86	152,125.76	
Water Line	--	--	
All Other	447,527.94	460,702.26	
Total Railway Operating Revenues	13,879,333.25	14,722,774.58	
<u>OPERATING EXPENSES</u>			
Maint. of Way and Structures	\$2,151,527.20	\$2,304,630.01	
Maint. of Equipment	3,166,354.57	3,805,216.44	
Traffic	407,292.48	442,114.78	
Transportation	7,389,014.92	8,201,777.49	
Misc. Operations	152,661.64	150,600.05	
General	494,652.30	545,290.22	
Trans. for Investment	Cr. 28,549.93	Dr. 41,826.62	
Total Railway Operating Expenses	13,732,953.18	15,491,455.61	
<u>OPERATING INCOME</u>			
Net Operating Revenue	\$ 146,380.07	Dr. 768,681.03	
Railway Tax Accruals	143,263.91	218,374.65	
Uncollectable Revenues	16,383.58	40.40	
Hire of Equipment	Cr. 276,884.37	Cr. 270,078.65	
Joint Facilities Rents	Cr. 38,195.04	Cr. 30,897.84	
Operating Income	Cr. 301,811.99	Dr. 686,119.59	
<u>OPERATING STATISTICS</u>			
Average Miles of Road Operated	20,523.34	20,510.61	
No. of Tons Carried (Rev.Fr.)	3,214,633	3,417,074	
No. of Tons Carried One Mile " "	1,052,816,723	1,201,282,573	
No. of Tons Carried (All Fr.)	3,789,242	4,144,136	
No. of Tons Carried One Mile " "	1,197,740,235	1,357,390,150	
No. of Rev. Passengers Carried	1,627,014	1,537,555	
No. of Rev. Pass. Carried One Mile	72,207,181	78,322,291	
# Freight Train Miles	2,135,288	2,356,415	
# Passenger Train Miles	1,569,022	1,627,031	
Total Train Miles (Rev. & Non Rev.)	3,849,887	4,172,344	
Freight Car Miles-Loaded	46,636,854	50,894,097	
Freight Car Miles-Empty	19,865,815	19,744,415	
Passenger Train Car Miles	10,162,405	10,525,482	
Total Amount of Pay Roll	\$ 9,328,708	\$10,207,269	
Number of Employees	80,956	85,080	
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>			
Operating Revenue	\$24.15	\$24.75	
Operating Expenses	\$23.90	\$26.04	
No. of Tons Moved One Mile (Rev.Fr.)	1,832	2,020	
No. of Tons Moved One Mile (All Fr.)	2,084	2,282	
No. of Rev. Pass. Carried One Mile	126	132	
<u>AVERAGES PER FREIGHT TRAIN MILE</u>			
Freight Revenue	\$4.80	\$4.67	
No. of Tons of Freight (Rev.Fr.)	493.1	509.8	
No. of Tons of Freight (All Fr.)	560.9	576.0	
Loaded Freight Cars	21.8	21.6	
Empty Freight Cars	9.3	8.4	
<u>AVERAGES PER PASSENGER TRAIN MILE</u>			
Passenger Train Revenues	\$2.03	\$2.00	
Passengers Carried	46.0	48.1	
Passenger Cars	6.5	6.5	
Average Operating Expenses per train mile	\$3.57	\$3.71	
Average Length of Haul (Rev.Fr.) Miles	327.5	351.6	
Average Passenger Journey Miles	44.4	50.9	
Average Tons per Loaded Freight Car	25.7	26.7	
Av. Fr. Receipt per Rev. Ton Mile	.973¢	.917¢	
Av. Passenger Receipt per Pass. per Mile	2.775¢	2.690¢	
Ratio of Pay Roll to Operating Revenues	67.2%	69.3%	
Ratio of Pay Roll to Operating Expenses	67.9%	65.9%	
Ratio of Operating Expenses to Revenues	98.95%	105.22%	

# Contains a proportion of mixed train miles.





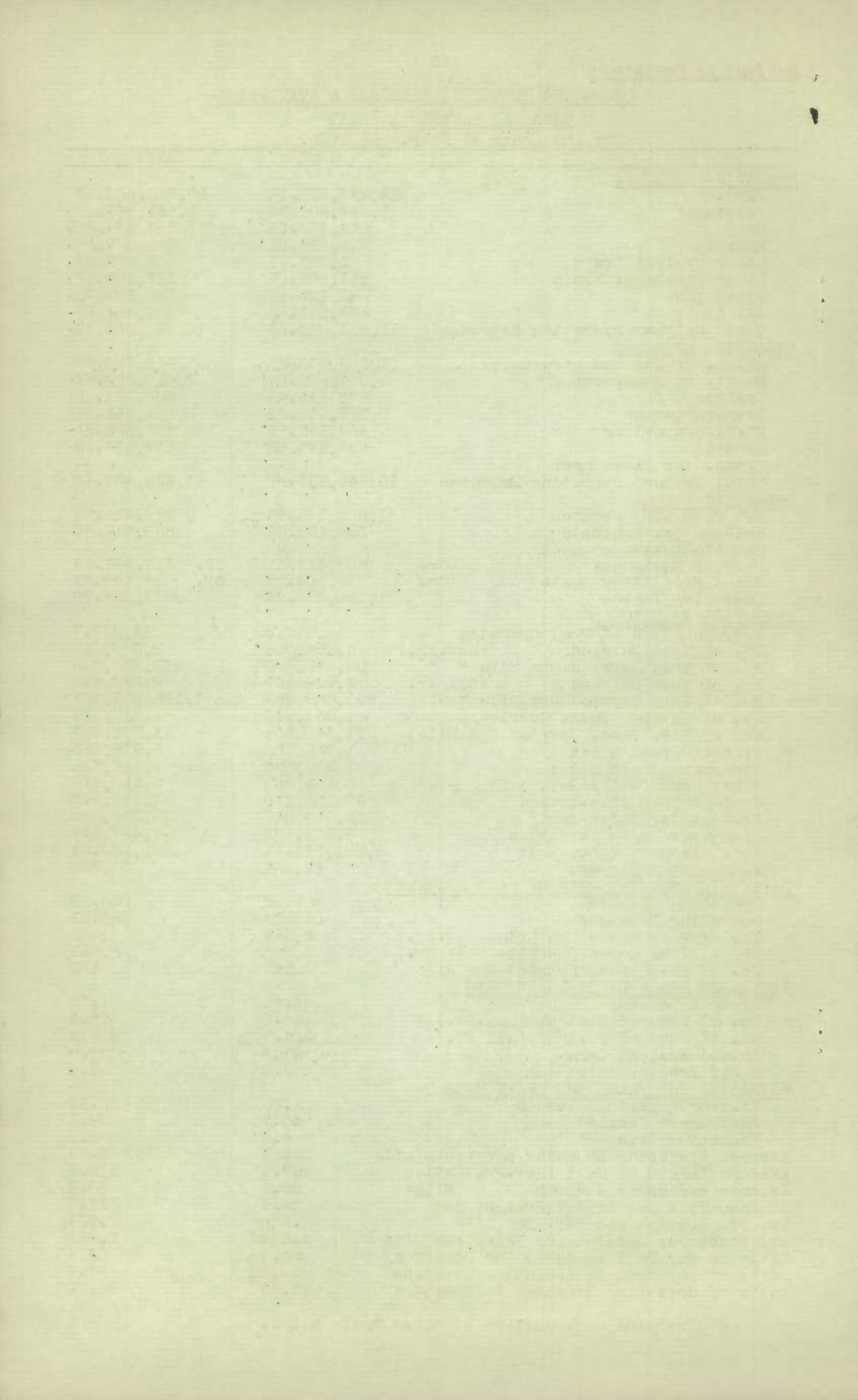
## OPERATING REVENUES, EXPENSES &amp; STATISTICS

## CANADIAN PACIFIC RAILWAY

For the Month of February, 1925.

	1925	1924
<b>OPERATING REVENUES</b>		
Freight	\$8,317,536.14	\$9,321,560.43
Passenger	1,859,508.37	2,031,895.09
Mail	272,438.06	284,634.80
Express	442,078.92	442,062.56
Other Freight Train	5,723.51	3,827.57
Other Passenger Train	211,096.55	217,487.46
Water Line	42,125.48	52,789.70
All Other	473,811.62	511,797.88
Total Railway Operating Revenues	11,624,318.65	12,866,055.49
<b>OPERATING EXPENSES</b>		
Maint. of Way and Structures	\$1,266,861.23	\$1,639,522.47
Maint. of Equipment	2,947,802.02	3,410,199.82
Traffic	670,115.44	607,011.12
Transportation	5,199,016.21	5,814,341.28
Misc. Operations	162,165.14	176,931.56
General	296,174.85	279,431.23
Trans. for Investment	--	--
Total Railway Operating Expenses	10,542,134.89	11,927,437.48
<b>OPERATING INCOME</b>		
Net Operating Revenue	\$1,082,183.76	\$ 938,618.01
Railway Tax Accruals	236,409.56	236,616.80
Uncollectable Revenues	--	--
Hire of Equipment	Cr. 289,421.61	Cr. 357,899.98
Joint Facilities Rents	Cr. 19,505.13	Cr. 17,948.71
Operating Income	1,154,700.94	1,077,849.90
<b>OPERATING STATISTICS</b>		
Average Miles of Road Operated	14,062.2	13,657.7
No. of Tons Carried (Rev.Fr.)	2,396,054	2,589,048
No. of Tons Carried One Mile " "	808,879,570	971,734,048
No. of Tons Carried (All Fr.)	2,928,480	3,276,612
No. of Tons Carried One Mile " "	905,668,147	1,113,483,801
No. of Revenue Pass. Carried	1,031,976	1,048,018
No. of Rev. Pass. Carried One Mile	64,366,186	71,322,627
# Freight Train Miles	1,726,120	1,973,623
# Passenger Train Miles	1,379,302	1,420,084
Total Train Miles (Rev. & Non Rev.)	3,165,028	3,480,716
Freight Car Miles-Loaded	37,060,178	41,181,647
Freight Car Miles-Empty	13,542,945	15,076,180
Passenger Train Car Miles	9,342,685	9,687,116
Total Amount of Pay Roll	6,281,094.24	6,876,825.94
Number of Employees	51,681	54,339
<b>DAILY AVERAGES PER MILE OF ROAD OPERATED</b>		
Operating Revenue	\$29.52	\$32.48
Operating Expenses	\$26.77	\$30.11
No. of Tons Moved One Mile (Rev.Fr.)	2,054	2,453
No. of Tons Moved One Mile (All Fr.)	2,300	2,811
No. of Rev. Pass. Carried One Mile	163	180
<b># AVERAGES PER FREIGHT TRAIN MILE</b>		
Freight Revenue	\$4.82	\$4.73
No. of Tons of Freight (Rev.Fr.)	468.6	492.4
No. of Tons of Freight (All Fr.)	524.7	564.2
Loaded Freight Cars	21.5	20.9
Empty Freight Cars	7.8	7.6
<b># AVERAGES PER PASSENGER TRAIN MILE</b>		
Passenger Train Revenues	\$2.02	\$2.10
Passengers Carried	46.7	50.2
Passenger Cars	6.8	6.8
Average Operating Expenses per train mile	\$3.33	\$3.43
Average Length of Haul (Rev.Fr.) Miles	337.6	375.3
Average Passenger Journey Miles	62.4	68.1
Average Tons per Loaded Freight Car	24.4	27.0
Av. Fr. Receipt per Rev. Ton Mile	1.028¢	.959¢
Av. Passenger Receipt per Pass. per Mile	2.889¢	2.850¢
Ratio of Pay Roll to Operating Revenues	54.0%	53.4%
Ratio of Pay Roll to Operating Expenses	59.6%	57.7%
Ratio of Operating Expenses to Revenues	90.69%	92.70%

# Contains a proportion of mixed train miles.





CANADIAN NATIONAL SYSTEM

(Steam Lines in Canada &amp; United States)

For the Month of February, 1925 - 1924OPERATING REVENUES

	<u>1925</u>	<u>1924</u>
Canadian Lines	\$13,879,333.25	\$14,722,774.58
Duluth, Winnipeg & Pacific	214,103.00	254,818.00
Grand Trunk Western Lines	2,185,610.00	2,565,639.00
New England Lines	206,995.75	241,286.42
Total	16,486,042.00	17,784,518.00

OPERATING EXPENSES

Canadian Lines	\$13,732,953.18	\$15,491,455.61
Duluth, Winnipeg & Pacific	147,006.00	174,681.33
Grand Trunk Western Lines	1,759,109.87	2,034,303.66
New England Lines	235,249.27	271,118.30
Total	15,874,318.32	17,971,558.90

NET OPERATING REVENUES

Canadian Lines	\$146,380.07	Dr. \$768,681.03
Duluth, Winnipeg & Pacific	67,097.00	80,136.67
Grand Trunk Western Lines	426,500.13	531,335.34
New England Lines	Dr. 28,253.52	Dr. 29,831.88
Total	611,723.68	Dr. 187,040.90

OPERATING INCOME

Canadian Lines	\$301,811.99	Dr. \$686,119.59
Duluth, Winnipeg & Pacific	64,870.72	66,053.10
Grand Trunk Western Lines	Dr. 2,978.13	127,569.30
New England Lines	Dr. 122,958.41	Dr. 124,915.95
Total	240,746.17	Dr. 617,413.14

SUMMARYFor Two Months - January - FebruaryALL RAILWAYS

	<u>1925</u>	<u>1924</u>
Operating Revenues	\$60,454,604.28	\$65,874,450.60
Operating Expenses	56,595,822.95	62,630,127.43
Net Operating Revenues	3,858,781.33	3,244,323.17
Operating Income	3,024,468.19	2,333,518.22

CANADIAN NATIONAL RAILWAY

Operating Revenues-Canadian Lines	\$27,940,855.74	\$30,228,879.77
United States Lines	5,261,654.26	5,884,129.23
Total	33,202,510.00	36,113,009.00
Operating Expenses-Canadian Lines	\$27,921,457.75	\$30,980,570.89
United States Lines	4,396,525.81	4,870,062.32
Total	32,317,983.56	35,850,633.21
Net Operating Revenues-Canadian Lines	\$19,397.99	Dr. \$751,691.12
United States Lines	865,128.45	1,014,066.91
Total	884,526.44	262,375.79
Operating Income - Canadian Lines	206,032.52	Dr. \$749,044.39
United States Lines	Dr. 163,972.54	27,690.31
Total	42,059.98	Dr. 721,354.08

CANADIAN PACIFIC RAILWAY

Operating Revenues	\$23,345,471.08	\$25,970,690.23
Operating Expenses	21,725,571.54	24,323,060.65
Net Operating Revenues	1,619,899.54	1,647,629.60
Operating Income	1,738,469.51	1,958,249.25

