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DOMINION BUREAU OF STATISTICS

OPERATING REVENUES EXPENSES & STATISTICS  
of  
RAILWAYS  
With Annual Operating Revenues of \$500,000  
For  
NOVEMBER  
1925

Published by Authority of the Hon. J. A. Robb, M. P.,  
Acting Minister of Trade and Commerce.

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OTTAWA

1926

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DEPARTMENT OF TRADE AND COMMERCE

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 NOVEMBER, 1925

Results of the railways as a whole for November showed an increase in freight traffic over October but freight revenues were less by 6 per cent. Compared with November 1924 the traffic was heavier by 13.4 per cent and the revenues by \$4,291,837, or 13.8 per cent. Passenger traffic and revenues also were increased and total gross revenues showed an increase of \$4,789,574, or 11.7 per cent.

Operating expenses were greater than in 1924 by \$1,520,273, or 5 per cent, maintenance of equipment showing an increase of \$951,011, or 14.2 per cent and transportation expenses, an increase of \$754,664, or 4.6 per cent. Maintenance of way and structures showed a slight reduction and general expenses were cut by \$122,512, or 14 per cent. The increase in net operating revenues was \$3,269,301 and the operating ratio decreased from 74.15 per cent to 69.72 per cent.

Although the traffic density was greater, the net tons per train was slightly less but the number of freight cars was .7 greater; also the average load per car was lighter by .7 tons. The passenger traffic per mile of road increased 6 per cent and the number of passengers per train also increased by 4.1 or 7 per cent. The average receipts per ton mile showed a small increase although the grain tonnage which depresses the average was considerably heavier than last year.

The cumulative totals for the eleven months show an increase in the gross revenues but a decrease in the operating expenses, increasing the net revenues by \$16,104,456.

CANADIAN NATIONAL RAILWAYS: Gross revenues were not only greater than those of November, 1924 by \$3,072,775 but exceeded those of November, 1923 by \$365,177. Operating expenses were 5.4 per cent over those of 1924 but were 7.5 per cent under those for November, 1923. Net revenues were \$5,620,743 and with the exception of those for last October, were the largest earned since the system was consolidated.

Freight traffic showed an increase of 23.4 per cent over November, 1924 and freight receipts increased \$2,705,674, or 19.3 per cent. Passenger traffic also was heavier by 9.2 per cent.

The average freight train loading was increased by 44.7 net tons and 1.7 cars and the earnings per train mile were increased 19 cents with the average receipts per revenue ton mile reduced from .865 cent to .836 cent. The Duluth, Winnipeg and Pacific and Grand Trunk Western Lines earned substantially increased net revenues but the New England Lines showed an operating deficit of \$14,108 as against a net revenue of \$15,802 in November, 1924. For the entire system the net revenues were \$2,716,180 greater than in 1924.

For the first eleven months gross revenues of both Canadian and United States lines were greater in 1925 and operating expenses were less which increased the cumulative net operating revenues by \$12,432,236 and the operating income by \$12,910,770.

UNITED STATES DEPARTMENT OF AGRICULTURE  
BUREAU OF PLANT INDUSTRY  
WASHINGTON, D. C.

OFFICE OF THE CHIEF, BUREAU OF PLANT INDUSTRY  
WASHINGTON, D. C.

REPORT OF THE CHIEF, BUREAU OF PLANT INDUSTRY

FOR THE YEAR 1911

GENERAL SUMMARY

The Bureau of Plant Industry has been organized since 1904, and during the past year has been engaged in a large amount of work. The following is a summary of the work done during the year 1911.

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CANADIAN PACIFIC RAILWAY: The freight traffic was heavier than during October despite the one day less and freight revenues were also greater. Compared with November, 1924 the increase in the revenue ton miles was 5.3 per cent and in freight revenues, \$1,180,072, or 8.6 per cent. Total revenues were greater by \$1,226,257, or 6.8 per cent and net revenues were increased \$380,103. Maintenance of way and structures showed little change, maintenance of equipment was increased by \$512,583 or 21.3 per cent and transportation expenses were increased by \$252,763, or 4 per cent.

The average train load dropped from 700.6 net tons to 642.4 net tons and the average load per car from 31.2 tons to 28.5 tons.

For the eleven months January - November, gross revenues were less in 1925 by \$2,332,407 but operating expenses were also reduced by \$5,237,999 which increased the net revenues by \$2,905,592 and operating income by \$1,830,043.

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OPERATING REVENUES, EXPENSES & STATISTICS  
STEAM RAILWAYS OF CANADA  
WITH ANNUAL OPERATING REVENUES OF \$500,000.  
For the Month of November, 1925

	1925	1924
<b>OPERATING REVENUES</b>		
Freight	\$35,377,344.41	\$31,085,506.80
Passenger	5,902,284.19	5,710,706.16
Mail	589,904.88	591,422.04
Express	1,731,807.41	1,463,443.93
Other Freight Train	3,870.24	5,309.05
Other Passenger Train	444,158.73	490,810.76
Water Bine	319,235.40	266,961.92
All other	1,437,833.93	1,402,704.37
Total Railway Operating Revenues	45,806,439.19	41,016,865.03
<b>OPERATING EXPENSES</b>		
Maint. of Way and Structures	\$5,018,491.36	\$5,056,409.67
Maint. of Equipment	7,242,131.15	6,691,119.53
Traffic	1,295,586.43	1,284,316.02
Transportation	16,987,701.37	16,233,037.03
Misc. Operations	357,065.47	342,271.49
General	750,326.54	872,838.84
Trans. for Investment	Cr. 115,964.37	Cr. 64,927.77
Total Railway Operating Expenses	31,935,337.95	30,415,064.81
<b>OPERATING INCOME</b>		
Net Operating Revenue	\$13,871,101.24	\$10,601,800.22
Railway Tax Accruals	893,579.89	824,989.52
Uncollectable Revenues	2,174.66	2,829.65
Hire of Equipment	Dr. 12,136.51	Cr. 128,732.68
Joint Facilities Rents	Dr. 77,629.43	Dr. 96,679.20
Operating Income	12,885,580.75	9,806,034.53
<b>OPERATING STATISTICS</b>		
Average Miles of Road Operated	39,027.61	38,604.81
No. of Tons Carried (Rev. Fr.)	11,487,035	10,355,415
No. of Tons Carried One Mile " "	4,051,591.572	3,572,741.221
No. of Tons Carried (All Fr.)	12,766,271	11,521,337
No. of Tons Carried One Mile " "	4,292,894.902	3,777,833.272
No. of Rev. Passengers Carried	2,948,917	3,055,043
No. of Rev. Pass. Carried One Mile	219,912.233	206,423.866
#Freight Train Miles	6,685,577	5,808,501
#Passenger Train Miles	3,610,381	3,635,453
Total Train Miles (Rev. & Non Rev.)	10,435,840	9,617,294
Freight Car Miles-Loaded	156,751,049	134,647,915
Freight Car Miles-Empty	91,626,428	76,707,061
Passenger Train Car Miles	26,175,545	25,988,982
Total Amount of Pay Roll	\$19,177,878.05	\$18,326,350.45
Number of Employees	151,902	149,209
<b>DAILY AVERAGES PER MILE OF ROAD OPERATED</b>		
Operating Revenue	\$39.12	\$35.42
Operating Expenses	\$27.28	\$26.26
No. of Tons Moved One Mile (Rev. Fr.)	3,460	3,085
No. of Tons Moved One Mile (All Fr.)	3,667	3,262
No. of Rev. Pass. Carried One Mile	188	178
<b>#AVERAGES PER FREIGHT TRAIN MILE</b>		
Freight Revenue	\$5.29	\$5.35
No. of Tons of Freight (Rev. Fr.)	606.0	615.1
No. of Tons of Freight (All Fr.)	642.1	650.4
Loaded Freight Cars	23.4	23.2
Empty Freight Cars	13.7	13.2
<b>#AVERAGES PER PASSENGER TRAIN MILE</b>		
Passenger Train Revenues	\$2.40	\$2.27
Passengers Carried	60.9	56.8
Passenger Cars	7.3	7.1
Average Operating Expenses per Train Mile	\$3.06	\$3.16
Average Length of Haul (Rev. Fr.) Miles	352.7	345.0
Average Passenger Journey Miles	74.6	67.6
Average Tons per Loaded Freight Car	27.4	28.1
Average Freight Receipt per Rev. Ton Mile	.873¢	.870¢
Average Passenger Receipt per Pass. per Mile	2.684¢	2.766¢
Ratio of Pay Roll to Operating Revenues	41.9%	44.7%
Ratio of Pay Roll to Operating Expenses	60.1%	60.3%
Ratio of Operating Expenses to Revenues	69.72%	74.15%

# Contains a proportion of mixed train miles.







OPERATING REVENUES, EXPENSES & STATISTICSCANADIAN NATIONAL RAILWAYS

For the Month of November, 1925.

	1925	1924
<u>OPERATING REVENUES</u>		
Freight	\$16,718,707.63	\$14,013,033.57
Passenger	2,501,572.63	2,350,324.87
Mail	259,202.25	263,999.37
Express	1,158,401.06	918,399.79
Other Freight Train	-	-
Other Passenger Train	178,986.20	236,606.00
Water Line	-	-
All Other	667,476.12	629,206.48
Total Railway Operating Revenues	21,484,345.94	18,411,570.08
<u>OPERATING EXPENSES</u>		
Maint. of Way and Structures	\$2,362,893.46	\$2,327,351.19
Maint. of Equipment	3,959,370.74	3,426,930.80
Traffic	455,020.97	465,776.87
Transportation	8,720,269.92	8,236,806.91
Misc. Operations	143,226.11	144,388.41
General	334,976.37	506,072.26
Trans. for Investment	Cr. 112,154.63	Cr. 62,920.96
Total Railway Operating Expenses	15,863,602.94	15,044,405.48
<u>OPERATING INCOME</u>		
Net Operating Revenue	\$5,620,743.00	\$3,367,164.60
Railway Tax Accruals	247,788.60	319,575.57
Uncollectable Revenues	2,110.30	2,714.03
Hire of Equipment	Cr. 129,370.70	Cr. 238,937.57
Joint Facilities Rents	Cr. 39,864.32	Cr. 34,514.21
Operating Income	5,540,079.12	3,318,326.78
<u>OPERATING STATISTICS</u>		
Average Miles of Road Operated	20,763.08	20,495.35
No. of Tons Carried (Rev. Fr.)	4,560,408	4,007,674
No. of Tons Carried One Mile " "	1,999,610.938	1,620,097.068
No. of Tons Carried (All Fr.)	5,162,953	4,553,679
No. of Tons Carried One Mile " "	2,111,674.965	1,713,087.444
No. of Rev. Passengers Carried	1,532,312	1,604,307
No. of Rev. Pass. Carried One Mile	99,832.214	91,437.412
#-Freight Train Miles	3,120,761	2,710,504
# Passenger Train Miles	1,665,512	1,679,126
Total Train Miles (Rev. & Non Rev.)	4,870,493	4,501,756
Freight Car Miles-Loaded	75,461,083	64,141,733
Freight Car Miles-Empty	45,172,358	36,013,214
Passenger Train Car Miles	11,933,023	11,750,145
Total Amount of Pay Roll	\$10,539,412	\$10,054,466
Number of Employees	85,978	84,374
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>		
Operating Revenue	\$34.49	\$ 29.94
Operating Expenses	\$25.47	\$ 24.47
No. of Tons Moved One Mile (Rev. Fr.)	3,210	2,635
No. of Tons Moved One Mile (All Fr.)	3,390	2,786
No. of Rev. Passengers Carried One Mile	160	149
<u>#AVERAGES PER FREIGHT TRAIN MILE</u>		
Freight Revenue	\$5.36	\$5.17
No. of Tons of Freight (Rev. Fr.)	640.7	597.7
No. of Tons of Freight (All Fr.)	676.7	632.0
Loaded Freight Cars	24.2	23.7
Empty Freight Cars	14.5	13.3
<u>#AVERAGES PER PASSENGER TRAIN MILE</u>		
Passenger Train Revenues	\$2.46	\$2.24
Passengers Carried	59.9	54.5
Passenger Cars	7.2	7.0
Average Operating Expenses per Train Mile	\$3.26	\$3.34
Average Length of Haul (Rev. Fr.) Miles	438.5	404.2
Average Passenger Journey Miles	65.2	57.0
Average Tons per Loaded Freight Car	28.0	26.7
Average Freight Receipt per Rev. Ton Mile	.836¢	.865¢
Average Passenger Receipt per Pass. per Mile	2.506¢	2.570¢
Ratio of Pay Roll to Operating Revenues	49.1%	54.6%
Ratio of Pay Roll to Operating Expenses	66.4%	66.3%
Ratio of Operating Expenses to Revenues	73.84%	81.71%

# Contains a proportion of mixed train miles.

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OPERATING REVENUES, EXPENSES & STATISTICSCANADIAN PACIFIC RAILWAY

For the Month of November, 1925

	1925	1924
<u>OPERATING REVENUES</u>		
Freight	\$14,836,303.44	\$13,656,230.72
Passenger	2,525,062.83	2,506,156.15
Mail	280,350.36	277,630.33
Express	446,742.64	440,116.40
Other Freight Train	2,838.92	5,299.05
Other Passenger Train	242,977.65	233,271.07
Water Line	250,071.92	211,316.85
All Other	585,665.46	613,735.53
Total Railway Operating Revenues	19,170,013.22	17,943,756.10
<u>OPERATING EXPENSES</u>		
Maint. of Way and Structures	\$2,026,055.88	\$2,014,714.76
Maint. of Equipment	2,914,689.15	2,402,105.71
Traffic	764,026.49	706,379.05
Transportation	6,575,193.41	6,322,429.65
Misc. Operations	167,896.30	135,976.35
General	219,796.90	219,899.39
Trans. for Investment	-	-
Total Railway Operating Expenses	12,667,658.13	11,821,504.91
<u>OPERATING INCOME</u>		
Net Operating Revenue	\$6,502,355.09	\$6,122,251.19
Railway Tax Accruals	531,862.68	391,830.14
Uncollectable Revenues	-	-
Hire of Equipment	Cr. 240,761.22	Dr. 287,391.08
Joint Facilities, Rents	Dr. 36,781.19	Dr. 12,068.89
Operating Income	6,248,034.82	6,029,881.02
<u>OPERATING STATISTICS</u>		
Average Miles of Road Operated	13,761.0	13,620.7
No. of Tons Carried (Rev. Fr.)	4,172,550	3,733,323
No. of Tons Carried One Mile " "	1,783,499.211	1,693,414.679
No. of Tons Carried (All Fr.)	4,762,974	4,256,508
No. of Tons Carried One Mile " "	1,906,906.482	1,799,174.550
No. of Revenue Pass. Carried	987,824	1,028,051
No. of Rev. Pass. Carried One Mile	93,958.312	89,977.101
# Freight Train Miles	2,968,293	2,568,122
# Passenger Train Miles	1,473,029	1,483,812
Total Train Miles (Rev. & Non Rev.)	4,479,801	4,082,169
Freight Car Miles-Loaded	66,831,580	57,627,920
Freight Car Miles-Empty	38,709,714	34,345,122
Passenger Train Car Miles	10,816,680	10,925,474
Total Amount of Pay Roll	\$7,069,732.88	\$6,668,527.43
Number of Employees	53,723	52,030
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>		
Operating Revenue	\$46.44	\$43.91
Operating Expenses	\$30.68	\$28.93
No. of Tons Moved One Mile (Rev. Fr.)	4,320	4,144
No. of Tons Moved One Mile (All Fr.)	4,619	4,403
No. of Rev. Pass. Carried One Mile	228	220
<u># AVERAGES PER FREIGHT TRAIN MILE</u>		
Freight Revenue	\$5.00	\$5.32
No. of Tons of Freight (Rev. Fr.)	600.9	659.4
No. of Tons of Freight (All Fr.)	642.4	700.6
Loaded Freight Cars	22.5	22.4
Empty Freight Cars	13.0	13.4
<u># AVERAGES PER PASSENGER TRAIN MILE</u>		
Passenger Train Revenues	\$2.37	\$2.33
Passengers Carried	63.8	60.6
Passenger Cars	7.3	7.4
Average Operating Expenses per train mile	\$2.83	\$2.90
Average Length of Haul (Rev. Fr.) Miles	427.4	453.6
Average Passenger Journey Miles	95.1	87.5
Average Tons per Loaded Freight Car	28.5	31.2
Average Freight Receipt per Rev. Ton Mile	.832¢	.806¢
Average Passenger Receipt per Pass. per Mile	2.687¢	2.785¢
Ratio of Pay Roll to Operating Revenues	36.9%	37.2%
Ratio of Pay Roll to Operating Expenses	55.8%	56.4%
Ratio of Operating Expenses to Revenues	66.08%	65.88%

# Contains a proportion of mixed train miles.





CANADIAN NATIONAL SYSTEM  
(Steam Lines in Canada & United States)  
For the Month of November, 1925.

	1925	1924
Canadian Lines	\$21,484,345.94	\$18,411,570.08
Duluth, Winnipeg & Pacific	190,619.00	171,673.00
Grand Trunk Western Lines	2,830,714.00	2,141,631.00
New England Lines	169,772.06	221,248.92
Total	24,675,451.00	20,946,123.00

	1925	1924
Canadian Lines	\$15,863,602.94	\$15,044,405.48
Duluth, Winnipeg & Pacific	147,111.96	152,470.14
Grand Trunk Western Lines	2,050,371.44	1,829,496.93
New England Lines	183,880.47	205,446.28
Total	18,244,966.81	17,231,818.83

	1925	1924
Canadian Lines	\$5,620,743.00	\$3,367,104.60
Duluth, Winnipeg & Pacific	43,507.04	19,202.86
Grand Trunk Western Lines	780,342.56	312,134.07
New England Lines	Dr. 14,108.41	15,802.64
Total	6,430,484.19	3,714,304.17

	1925	1924
Canadian Lines	\$5,540,079.12	\$3,318,326.78
Duluth, Winnipeg & Pacific	23,029.56	24,051.81
Grand Trunk Western Lines	372,205.32	Dr. 96,586.24
New England Lines	Dr. 71,046.10	Dr. 50,975.99
Total	5,864,267.90	3,194,816.36

SUMMARY

For Eleven Months ended November 30th

	1925	1924
Operating Revenues	\$406,070,187.61	\$404,608,825.85
Operating Expenses	334,062,683.42	348,705,776.88
Net Operating Revenues	72,007,504.19	55,903,048.97
Operating Income	64,982,380.75	50,065,411.00

CANADIAN NATIONAL RAILWAYS

Operating Revenues - Canadian Lines	\$ 187,788,082.16	\$ 184,784,296.66
United States Lines	33,331,449.84	31,487,149.34
Total	221,119,532.00	216,271,446.00
Operating Expenses - Canadian Lines	\$ 168,083,749.85	\$ 175,174,272.60
United States Lines	26,119,577.31	26,613,205.37
Total	194,203,327.16	201,787,477.97
Net Operating Revenues-Canadian Lines	\$ 19,704,332.31	\$ 9,610,024.06
United States Lines	7,211,872.53	4,873,943.97
Total	26,916,204.84	14,483,968.03
Operating Income - Canadian Lines	\$ 20,022,926.04	\$ 9,834,450.09
United States Lines	2,211,099.37	Dr. 511,195.04
Total	22,234,025.41	9,323,255.05

CANADIAN PACIFIC RAILWAY

Operating Revenues	\$ 162,936,276.22	\$ 165,268,683.96
Operating Expenses	127,047,331.61	132,285,331.15
Net Operating Revenues	35,888,944.61	32,983,352.81
Operating Income	35,327,983.83	33,497,940.51

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