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DOMINION BUREAU OF STATISTICS

CANADA
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
SEPTEMBER
1925

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

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OTTAWA

1925

Historical File Copy

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

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

OPERATING REVENUES, EXPENSES & STATISTICS

STEAM RAILWAYS OF CANADA.

WITH ANNUAL OPERATING REVENUES OF \$500,000.

FOR THE MONTH OF SEPTEMBER, 1925

The larger grain crop and the earlier harvest this year compared with 1924 were the main factors in the big increase in freight traffic. Car loadings of grain and grain products in the west reached the high record of 19,254 cars for the week ended September 26 whereas the peak in 1924 was 14,436 cars for the week ended November 1. The increase in revenue freight of the railways as a whole was 55.7 per cent and freight revenues increased by \$6,652,683, or 27.2 per cent. The smaller per cent of increase in revenues was due to the low freight rate on grain which reduced the average receipts per ton mile to .940 cent as against 1.199 cents last year and 1.283 cents for last August. Passenger revenues showed an increase of \$178,847, or 6.7 per cent for an increase in passenger miles of 15 per cent and a slight reduction in the number of persons travelling. Total revenues were greater by \$6,977,635, or 18.9 per cent and with operating revenues increasing only \$2,993,033, net revenues increased \$3,984,602.

The total pay roll was heavier by \$994,035 and the average number of employees was increased 2,032.

The average load per train increased from 536.7 net tons to 647.6 tons but the average earnings per train mile were slightly less.

For the first nine months of the year net revenues for 1925 show an increase over 1924 of \$8,873,297.

CANADIAN NATIONAL RAILWAYS: Net operating revenues were increased \$1,691,309 over those of September 1924 by the greatly increased traffic. Freight traffic was heavier by 46.6 per cent and passenger traffic by 10.3 per cent, boosting the freight receipts \$2,680,088, or 23.8 per cent, passenger revenues \$73,367, or 2.4 per cent and total revenues \$3,066,271, or 18.7 per cent. Operating expenses were increased by \$1,374,962, or 9.2 per cent. The number of employees was increased 944 and the pay roll was larger by \$479,156.

Although the average train load was 596.6 revenue tons as against 503.3 tons for September 1924 on account of the greater proportion of freight being low rate (grain), the average earnings per train mile were practically unchanged. Passenger train revenues per train mile showed an increase of 11 cents with an increase of 6.3 passengers per train. The heavier grain traffic was largely responsible for the increase in the average haul and in the reduction in the average receipts per ton mile which declined from 1.063 cents to .898 cent, or 15 per cent.

The lines in the United States also showed improvements in net revenues, making the increase for the system \$1,792,614.

For the nine months the Canadian lines show a decrease in gross revenues but the United States lines show increases in net revenues, the total net revenues being greater by \$6,249,942.

CANADIAN PACIFIC RAILWAY: Freight traffic for September showed the remarkable increase over that of September, 1924 of 85.6 per cent, the much earlier harvest and also the larger crop being the chief causes. Freight revenues were greater by \$3,715,720, or 38.0 per cent. Passenger traffic also showed a substantial increase of 20.7 per cent producing an increase in revenues of \$265,057, or 9 per cent, total gross revenues being greater by \$3,533,142. Operating expenses were heavier by \$1,839,544, or 15.5 per cent, the large increase being \$977,240 in maintenance of equipment. Net revenues were increased by \$1,843,597 and the operating ratio was reduced from 70.38 per cent in 1924 to 66.18 per cent. The traffic density was greatly increased, the train loading was heavier by 158.5 net tons and 5.2 cars, but the revenue per train mile was less by 16 cents.

For January - September gross revenues show a decline of \$3,812,042 but net revenues show an improvement of \$2,047,337.

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Subject to Revision

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OPERATING REVENUES, EXPENSES & STATISTICS

STEAM RAILWAYS OF CANADA

With Annual Operating Revenues of \$500,000.

For the Month of September, 1925.

	1925	1924
<u>OPERATING REVENUES</u>		
Freight	\$31,191,464.28	\$24,538,781.26
Passenger	7,622,752.84	7,143,905.65
Mail	611,194.37	603,119.03
Express	1,803,745.32	1,729,816.94
Other Freight Train	287.19	362.44
Other Passenger Train	741,116.69	687,075.24
Water Line	343,359.61	288,812.42
All Other	1,556,042.37	1,900,453.73
Total Railway Operating Revenues	43,869,962.67	36,892,326.71
<u>OPERATING EXPENSES</u>		
Maint. of Way and Structures	\$6,616,396.78	\$6,223,035.78
Maint. of Equipment	7,660,290.94	6,006,571.01
Traffic	1,360,685.68	1,274,565.25
Transportation	15,352,045.99	14,488,169.57
Misc. Operations	456,798.96	457,811.76
General	962,469.36	988,166.44
Trans. for Investment	Cr. 76,340.73	Cr. 99,004.59
Total Railway Operating Expenses	32,332,346.92	29,339,313.22
<u>OPERATING INCOME</u>		
Net Operating Revenue	\$11,537,615.75	\$7,553,013.49
Railway Tax Accruals	714,903.24	676,378.46
Uncollectable Revenues	541.89	3,700.09
Hire of Equipment	Dr. 119,900.48	Cr. 103,423.10
Joint Facilities Rents	Dr. 101,144.42	Dr. 125,832.47
Operating Income	10,601,125.72	6,850,525.57
<u>OPERATING STATISTICS</u>		
Average Miles of Road Operated	38,901.93	38,325.23
No. of Tons Carried (Rev. Fr.)	10,144,050	8,589,784
No. of Tons Carried One Mile " "	3,316,927,458	2,129,971,914
No. of Tons Carried (All Fr.)	11,715,861	9,845,112
No. of Tons Carried One Mile " "	3,692,177,011	2,370,773,643
No. of Rev. Pass. Carried	3,448,906	3,488,617
No. of Rev. Pass. Carried One Mile	283,122,321	244,113,274
# Freight Train Miles	5,701,001	4,417,150
# Passenger Train Miles	4,030,105	3,988,881
Total Train Miles (Rev. & Non Rev.)	10,030,299	8,764,316
Freight Car Miles-Loaded	140,647,553	103,148,409
Freight Car Miles-Empty	74,498,762	42,259,879
Passenger Train Car Miles	30,737,915	29,663,287
Total Amount of Pay Roll	19,772,147.20	18,778,061.51
Number of Employees	161,850	159,818
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>		
Operating Revenue	\$37.59	\$32.09
Operating Expenses	\$27.70	\$25.52
No. of Tons Moved One Mile (Rev. Fr.)	2,642	1,253
No. of Tons Moved One Mile (All Fr.)	3,164	2,062
No. of Rev. Pass. Carried One Mile	243	212
<u>#AVERAGES PER FREIGHT TRAIN MILE</u>		
Freight Revenue	\$5.47	\$5.56
No. of Tons of Freight (Rev. Fr.)	581.8	482.2
No. of Tons of Freight (All Fr.)	647.6	536.7
Loaded Freight Cars	24.7	23.4
Empty Freight Cars	13.1	9.6
<u>#AVERAGES PER PASSENGER TRAIN MILE</u>		
Passenger Train Revenues	\$2.67	\$2.55
Passengers Carried	70.3	61.2
Passenger Cars	7.6	7.4
Average Operating Expenses per Train Mile	\$5.22	\$3.35
Average Length of Haul (Rev. Fr.) Miles	327.0	248.0
Average Passenger Journey Miles	82.1	70.0
Average Tons per Loaded Fr. Car	26.3	23.0
Av. Fr. Receipt per Rev. Ton Mile	.940¢	1.199¢
Av. Passenger Receipt per Pass. per Mile	2.692¢	2.926¢
Ratio of Pay Roll to Operating Revenues	45.1%	50.9%
Ratio of Pay Roll to Operating Expenses	61.2%	64.0%
Ratio of Operating Expenses to Revenues	73.70%	79.53%

Contains a proportion of mixed train miles.

OPERATING REVENUES, EXPENSES & STATISTICS
CANADIAN NATIONAL RAILWAYS

For the Month of September, 1925.

	1925	1924
<u>OPERATING REVENUES</u>		
Freight	\$13,928,371.44	\$11,248,282.71
Passenger	3,189,614.39	3,116,447.29
Mail	268,672.62	262,378.53
Express	1,155,610.85	1,105,371.39
Other Freight Train	—	—
Other Passenger Train	311,620.35	272,618.18
Water Line	—	—
All Other	601,167.72	583,837.46
Total Railway Operating Revenues	19,455,257.37	16,388,985.61
<u>OPERATING EXPENSES</u>		
Maint. of Way and Structures	\$3,689,819.23	\$3,271,246.04
Maint. of Equipment	3,655,752.34	3,060,338.97
Traffic	565,251.09	531,112.24
Transportation	7,684,535.75	7,340,240.93
Misc. Operations	178,736.35	202,601.92
General	544,095.04	558,204.35
Trans. for Investment	Cr. 69,300.30	Cr. 89,817.30
Total Railway Operating Expenses	16,346,889.50	14,873,927.15
<u>OPERATING INCOME</u>		
Net Operating Revenue	\$3,206,367.87	\$1,515,058.46
Railway Tax Accruals	302,286.15	305,232.47
Uncollectable Revenues	490.12	3,332.49
Hire of Equipment	Cr. 134,195.44	Cr. 224,590.64
Joint Facilities Rents	Cr. 42,864.31	Cr. 23,073.14
Operating Income	3,080,651.35	1,454,157.28
<u>OPERATING STATISTICS</u>		
Average Miles of Road Operated	20,659.37	20,487.33
No. of Tons Carried (Rev. Fr.)	3,982,886	3,471,809
No. of Tons Carried One Mile " "	1,550,905,273	1,057,875,739
No. of Tons Carried (All Fr.)	4,698,540	4,062,974
No. of Tons Carried One Mile " "	1,630,988,569	1,168,842,056
No. of Revenue Pass. Carried	1,630,296	1,776,165
No. of Rev. Pass. Carried One Mile	117,200,658	106,203,149
# Freight Train Miles	2,599,781	2,102,029
# Passenger Train Miles	1,827,366	1,837,541
Total Train Miles (Rev. & Non Rev.)	4,624,144	4,167,420
Freight Car Miles—Loaded	64,875,088	48,924,552
Freight Car Miles—Empty	32,150,976	18,614,668
Passenger Train Car Miles	14,003,361	15,479,082
Total Amount of Pay Roll	\$10,823,353	\$10,344,197
Number of Employees	91,004	90,060
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>		
Operating Revenue	\$31.39	\$26.67
Operating Expenses	26.22	24.20
No. of Tons Moved One Mile (Rev. Fr.)	2,502	1,721
No. of Tons Moved One Mile (All Fr.)	2,728	1,902
No. of Rev. Pass. Carried One Mile	189	173
<u>#AVERAGES PER FREIGHT TRAIN MILE</u>		
Freight Revenue	\$5.36	\$5.35
No. of Tons of Freight (Rev. Fr.)	596.6	503.3
No. of Tons of Freight (All Fr.)	650.4	556.1
Loaded Freight Cars	25.0	23.3
Empty Freight Cars	12.4	8.9
<u>#AVERAGES PER PASSENGER TRAIN MILE</u>		
Passenger Train Revenues	\$2.70	\$2.59
Passengers Carried	64.1	57.8
Passenger Cars	7.7	7.3
Average Operating Expenses per Train Mile	\$3.51	\$3.57
Average Length of Haul (Rev. Fr.) Miles	389.4	304.7
Average Passenger Journey Miles	69.3	59.8
Average Tons per Loaded Fr. Car	26.1	23.9
Av. Fr. Receipt per Rev. Ton Mile	.898¢	1.063¢
Av. Passenger Receipt per Pass. per Mile	2.722¢	2.954¢
Ratio of Pay Roll to Operating Revenues	55.6%	63.1%
Ratio of Pay Roll to Operating Expenses	66.6%	69.5%
Ratio of Operating Expenses to Revenues	83.52%	90.76%

Contains a proportion of mixed train miles.

OPERATING REVENUES, EXPENSES & STATISTICS

CANADIAN PACIFIC RAILWAY

For the Month of September, 1925

	1925	1924
<u>OPERATING REVENUES</u>		
Freight	\$13,502,158.80	\$ 9,786,438.49
Passenger	3,213,156.44	2,948,098.93
Mail	287,889.71	284,265.34
Express	522,537.90	513,178.31
Other Freight Train	264.69	377.44
Other Passenger Train	406,551.50	383,245.50
Water Line	284,327.46	248,399.42
All Other	781,788.41	1,301,658.88
Total Railway Operating Revenues	18,998,724.91	15,465,582.31
<u>OPERATING EXPENSES</u>		
Maint. of Way and Structures	\$2,103,310.84	\$2,061,117.73
Maint. of Equipment	3,167,804.35	2,190,563.90
Traffic	709,813.83	669,826.02
Transportation	6,099,742.53	5,474,711.45
Misc. Operations	227,104.78	207,961.23
General	266,246.91	280,298.23
Trans. for Investment	—	—
Total Railway Operating Expenses	12,574,023.24	10,884,478.59
<u>OPERATING INCOME</u>		
Net Operating Revenue	\$6,424,701.67	\$4,581,103.72
Railway Tax Accruals	228,131.40	262,214.49
Uncollectable Revenues	—	—
Hire of Equipment	Cr. 117,320.98	Cr. 211,103.71
Joint Facilities Rents	Cr. 13,727.95	Cr. 17,652.37
Operating Income	Cr. 6,267,619.20	Cr. 4,547,645.31
<u>OPERATING STATISTICS</u>		
Average Miles of Road Operated	13,737.1	13,386.1
No. of Tons Carried (Rev. Fr.)	3,511,145	2,573,846
No. of Tons Carried One Mile " "	1,501,110,861	808,713,274
No. of Tons Carried (All Fr.)	4,232,803	3,127,989
No. of Tons Carried One Mile " "	1,726,659,871	931,851,860
No. of Rev. Pass. Carried	1,173,332	1,152,187
No. of Rev. Pass. Carried One Mile	126,405,822	104,764,751
# Freight Train Miles	2,541,266	1,738,954
# Passenger Train Miles	1,698,012	1,654,467
Total Train Miles (Rev. & Non Rev.)	4,239,278	3,393,421
Freight Car Miles-Loaded	60,969,916	40,500,671
Freight Car Miles-Empty	35,635,808	17,931,660
Passenger Train Car Miles	12,982,468	12,486,802
Total Amount of Pay Roll	\$7,281,767.75	\$6,737,922.20
Number of Employees	57,498	56,026
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>		
Operating Revenue	\$46.10	\$38.51
Operating Expenses	\$50.51	\$27.10
No. of Tons Moved One Mile (Rev. Fr.)	3,642	2,014
No. of Tons Moved One Mile (All Fr.)	4,190	2,320
No. of Rev. Pass. Carried One Mile	307	261
<u>#AVERAGES PER FREIGHT TRAIN MILE</u>		
Freight Revenue	\$5.31	\$5.47
No. of Tons of Freight (Rev. Fr.)	590.7	452.1
No. of Tons of Freight (All Fr.)	679.4	520.9
Loaded Freight Cars	24.0	22.6
Empty Freight Cars	14.0	10.0
<u>#AVERAGES PER PASSENGER TRAIN MILE</u>		
Passenger Train Revenues	\$2.61	\$2.50
Passengers Carried	74.4	63.3
Passenger Cars	7.6	7.5
Average Operating Expenses per Train Mile	\$2.93	\$3.08
Average Length of Haul (Rev. Fr.) Miles	427.5	314.2
Average Passenger Journey Miles	107.7	90.9
Average Tons per Loaded Fr. Car	28.3	23.0
Av. Fr. Receipt per Rev. Ton Mile	.899¢	1.210¢
Av. Passenger Receipt per Pass. per Mile	2.542¢	2.814¢
Ratio of Pay Roll to Operating Revenues	38.3%	43.6%
Ratio of Pay Roll to Operating Expenses	57.9%	61.9%
Ratio of Operating Expenses to Revenues	66.13%	70.38%

Contains a proportion of mixed train miles

CANADIAN NATIONAL SYSTEM
(Steam Lines in Canada & United States)
For the Month of September, 1925-1924.

OPERATING REVENUES

	<u>1925</u>	<u>1924</u>
Canadian Lines	\$19,455,257.37	\$18,388,985.61
Duluth, Winnipeg and Pacific	178,086.00	168,136.00
Grand Trunk Western Lines	2,801,150.00	2,571,416.00
New England Lines	171,769.63	182,921.39
Total	22,606,263.00	19,311,459.00

OPERATING EXPENSES

Canadian Lines	\$16,248,889.50	\$14,873,927.15
Duluth, Winnipeg & Pacific	149,108.83	150,996.38
Grand Trunk Western Lines	2,062,675.91	1,874,651.93
New England Lines	205,517.92	264,450.31
Total	18,666,192.16	17,164,002.77

NET OPERATING REVENUES

Canadian Lines	\$3,206,367.87	\$1,515,058.46
Duluth, Winnipeg and Pacific	28,977.17	17,142.62
Grand Trunk Western Lines	738,474.09	696,764.07
New England Lines	Dr. 35,748.29	Dr. 81,508.92
Total	3,940,070.84	2,147,456.23

OPERATING INCOME

Canadian Lines	\$3,080,651.35	\$ 1,454,157.28
Duluth, Winnipeg and Pacific	18,338.08	30,942.30
Grand Trunk Western Lines	592,414.24	317,366.87
New England Lines	Dr. 104,245.99	Dr. 156,439.36
Total	3,587,157.68	1,846,027.09

SUMMARY

For Nine Months ended September 30th

	<u>1925</u>	<u>1924</u>
<u>ALL RAILWAYS</u>		
Operating Revenues	\$311,541,108.73	\$319,238,399.55
Operating Expenses	270,110,408.89	286,680,995.32
Net Operating Revenues	41,430,701.84	32,557,404.23
Operating Income	36,303,211.36	28,333,828.98
<u>CANADIAN NATIONAL RAILWAY</u>		
Operating Revenues-Canadian Lines	\$142,542,599.42	\$146,533,375.34
United States Lines	26,725,660.58	25,951,249.66
Total	169,268,260.00	172,484,625.00
Operating Expenses-Canadian Lines	\$135,764,848.45	\$144,451,665.36
United States Lines	21,177,650.90	21,957,139.26
Total	156,942,497.35	166,408,804.62
Net Operating Revenues-Canadian Lines	\$6,777,752.97	\$ 2,081,709.98
United States Lines	5,548,009.68	3,994,110.40
Total	12,325,762.65	6,075,820.38
Operating Income - Canadian Lines	\$7,335,077.20	\$ 2,448,921.37
United States Lines	1,519,806.71	Dr. 483,253.21
Total	8,852,683.91	1,965,868.16
<u>CANADIAN PACIFIC RAILWAY</u>		
Operating Revenues	\$124,238,674.69	\$128,050,716.35
Operating Expenses	102,420,851.51	108,230,229.92
Net Operating Revenues	21,817,823.18	19,770,486.43
Operating Income	21,635,921.93	20,445,832.26



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