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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
MAY
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

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.S. Wrong, B.Sc.

OPERATING REVENUES, EXPENSES & STATISTICS

STEAM RAILWAYS OF CANADA

WITH ANNUAL OPERATING REVENUES OF \$500,000.

FOR THE MONTH OF MAY, 1925

The total tons of revenue freight carried by the railways during May was 10.4 per cent less than the May, 1924 tonnage but the revenue ton miles was less by 24.4 per cent. The average haul was shorter by 44.4 miles or 15.6 per cent and the average freight revenue per ton mile was increased by .193 cent or 19 per cent. These fluctuations were caused almost entirely by decreases in the grain and coal traffic, especially grain which showed a decrease of over 20,000 cars loaded.

Receipts of wheat at the head of the lakes during May, 1925 were 7,060,000 bushels as against 10,561,000 bushels in 1924 and for all grains the decrease was 4,781,000 bushels, or 31 per cent. The average haul for grain in the west is around 600 miles, the average earnings are about .58 cent per ton mile and the average load per car for wheat is between 40 and 50 tons. A heavy movement of grain such as the railways had in the early months of 1924 from the record crop of 1923 has a greater effect on the ton miles, car loading and train loading than most of the other commodities and does not increase revenues proportionately. The marketing of a large crop does, however, stimulate the movement of other commodities.

Revenues were reduced by \$3,335,010, or 9.3 per cent, freight revenues being \$2,464,485, or 9.9 per cent and passenger revenues, \$517,691, or 8.4 per cent below those for May, 1924. Expenses were also reduced by \$2,928,169, or 8.7 per cent, net revenues being reduced by \$406,840 and the operating ratio being increased from 93.81 per cent to 94.42 per cent.

The net operating revenues for the five months, January - May, show an increase of \$1,063,372 over the corresponding period of 1924.

CANADIAN NATIONAL RAILWAYS, - Freight and passenger traffic continued lighter than in 1924 and revenues were less by \$897,518 or 7.6 per cent for freight and \$208,032, or 8.3 per cent for passenger the total being \$1,343,830, or 8.1 per cent under total revenues for May, 1924.

Operating expenses were cut by \$1,585,994, or 9.4 per cent, the largest reduction being \$1,009,622 or 12.8 per cent in transportation expenses. The cut in the total pay roll was \$976,136 for a reduction of 6,963 in the average number of employees.

The average load per freight car was 22.4 tons as against 25.5 tons for May last year. The average haul was also shorter by 79.6 miles and the average receipt per ton mile was increased from .921 cent to 1.180 cents or 28 per cent. Although the average train loading was less by 58.4 revenue tons the earnings per train mile were greater by 66 cents or 13 per cent. The falling off in passenger traffic, however, reduced also the average revenues per passenger train mile by 24 cents or 10 per cent.

Although the Canadian lines showed an operating deficit of \$191,731 the United States lines showed substantial net revenues giving a surplus for the entire system of \$399,939. The net revenues of the Grand Trunk Western lines (lines west of Detroit and St. Clair Rivers) \$644,624, has been exceeded only twice since the beginning of 1924, viz. March and September, 1924.

The net operating revenues for January - May, 1925 showed an increase over 1924 for Canadian lines of \$580,387 and for the United States lines of \$238,522.

CANADIAN PACIFIC RAILWAY, - Gross revenues showed a decrease from those of May, 1924 of \$1,871,104, or 13.1 per cent. Freight revenues fell behind by \$1,549,872 or 16.2 per cent for a reduction in the freight traffic of 26.4 per cent and passenger receipts were less by \$233,686, or 8.7 per cent for a reduction of 5.3 per cent in passenger traffic.

Operating expenses were cut by \$1,139,369, or 9 per cent, reductions being made in maintenance of way and structures of \$407,546, or 12.7 per cent; in maintenance of equipment of \$263,200, or 10 per cent and in transportation expenses of \$477,243, or 8.5 per cent. The reduction in the total pay roll was \$296,489 or 3.8 per cent.

Freight cars were loaded lighter on an average of 3.5 tons so that freight trains with .7 more loaded cars and 1.2 less empties carried 94.8 tons less of revenue freight and earnings were reduced 38 cents per train mile.

The cumulative totals for January - May show a decrease from 1924 in gross revenues of \$7,356,577 and in net revenues of \$1,228,264. The net revenues, however, were \$254,328 over those of January - May, 1923.

23/7/25

OPERATING REVENUES, EXPENSES & STATISTICS

STEAM RAILWAYS OF CANADA

With Annual Operating Revenues of \$500,000

For the Month of May, 1925

	1925	1924
<u>OPERATING REVENUES</u>		
Freight	\$22,423,628.59	\$24,888,113.62
Passenger	5,638,336.59	6,156,027.78
Mail	589,899.78	592,032.80
Express	1,609,975.44	1,790,923.03
Other Freight Train	444.06	546.65
Other Passenger Train	538,890.74	609,549.39
Water Line	245,620.53	255,160.68
All Other	1,326,310.94	1,415,763.08
Total Railway Operating Revenues	32,373,106.67	35,708,117.03
<u>OPERATING EXPENSES</u>		
Maint. of Way and Structures	\$7,919,043.62	\$8,399,686.40
Maint. of Equipment	6,411,663.29	7,177,710.61
Traffic	1,293,623.61	1,310,512.95
Transportation	13,611,518.58	15,197,037.92
Misc. Operations	400,600.34	419,154.66
General	971,159.67	1,017,908.80
Trans. for Investment	Cr. 39,470.93	Cr. 25,703.05
Total Railway Operating Expenses	30,568,138.38	33,496,308.29
<u>OPERATING INCOME</u>		
Net Operating Revenue	\$1,804,968.29	\$2,211,803.74
Railway Tax Accruals	603,636.32	575,374.41
Uncollectable Revenues	1,564.03	633.27
Hire of Equipment	Cr. 286,845.30	Cr. 241,026.01
Joint Facilities Rents	Dr. 122,121.45	Dr. 83,556.56
Operating Income	1,364,491.81	1,793,270.51
<u>OPERATING STATISTICS</u>		
Average Miles of Road Operated	38,677.10	38,255.90
No. of Tons Carried (Rev.Fr.)	7,758,607	8,662,846
No. of Tons Carried One Mile " "	1,863,803,732	2,465,232,391
No. of Tons Carried (All Fr.)	9,141,894	10,269,834
No. of Tons Carried One Mile " "	2,211,207,014	2,830,928,454
No. of Rev. Pass. Carried	2,996,417	3,287,614
No. of Rev. Pass. Carried One Mile	204,101,208	219,811,922
#Freight Train Miles	4,203,012	4,831,187
#Passenger Train Miles	3,918,036	3,929,741
Total Train Miles (Rev.& Non Rev.)	8,463,146	9,250,988
Freight Car Miles-Loaded	101,076,952	112,928,041
Freight Car Miles-Empty	46,349,489	53,803,302
Passenger Train Car Miles	27,451,155	27,617,236
Total Amount of Pay Roll	\$19,157,703.92	\$20,524,241.12
Number of Employees	163,617	172,195
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>		
Operating Revenue	\$27.00	\$30.11
Operating Expenses	\$23.49	\$28.24
No. of Tons Moved One Mile (Rev.Fr.)	1,554	2,079
No. of Tons Moved One Mile (All Fr.)	1,844	2,387
No. of Rev. Pass. Carried One Mile	170	185
<u>#AVERAGES PER FREIGHT TRAIN MILE</u>		
Freight Revenue	\$5.34	\$5.15
No. of Tons of Freight (Rev.Fr.)	443.4	510.3
No. of Tons of Freight (All Fr.)	526.1	586.0
Loaded Freight Cars	24.0	23.4
Empty Freight Cars	11.0	11.1
<u>#AVERAGES PER PASSENGER TRAIN MILE</u>		
Passenger Train Revenues	\$2.14	\$2.33
Passengers Carried	52.1	55.9
Passenger Cars	7.0	7.0
Average Operating Expenses per Train Mile	\$3.61	\$3.62
Average Length of Haul (Rev.Fr.) Miles	240.2	284.6
Average Passenger Journey Miles	68.1	66.9
Average Tons per Loaded Fr. Car	21.9	25.1
Av. Fr. Receipt per Rev. Ton Mile	1.203¢	1.010¢
Av. Passenger Receipt per Pass. per Mile	2.763¢	2.801¢
Ratio of Pay Roll to Operating Revenues	59.2%	57.5%
Ratio of Pay Roll to Operating Expenses	62.7%	61.3%
Ratio of Operating Expenses to Revenues	94.42%	93.81%

Contains a proportion of mixed train miles.

OPERATING REVENUES, EXPENSES & STATISTICS

CANADIAN NATIONAL RAILWAYS

For the Month of May, 1925

	1925	1924
OPERATING REVENUES		
Freight	\$10,835,685.13	\$11,733,204.00
Passenger	2,307,527.93	2,515,560.46
Mail	261,789.40	263,316.86
Express	1,071,272.81	1,243,680.70
Other Freight Train	-----	-----
Other Passenger Train	206,993.36	254,950.50
Water Line	-----	-----
All Other	483,027.11	499,413.97
Total Railway Operating Revenues	15,166,295.74	16,510,126.49
OPERATING EXPENSES		
Maint. of Way and Structures	\$4,094,065.82	\$4,164,525.08
Maint. of Equipment	3,249,132.96	3,649,384.89
Traffic	526,756.90	517,167.57
Transportation	6,868,335.08	7,877,957.35
Misc. Operations	150,318.86	173,756.11
General	508,261.60	581,266.57
Trans. for Investment	Cr. 38,843.50	Cr. 20,035.85
Total Railway Operating Expenses	15,358,027.72	16,944,021.72
OPERATING INCOME		
Net Operating Revenue	Dr. \$191,731.98	Dr. \$433,895.23
Railway Tax Accruals	227,784.88	217,336.97
Uncollectable Revenues	1,315.62	434.07
Hire of Equipment	Cr. 345,637.48	Cr. 223,889.94
Joint Facilities Rents	Cr. 30,543.14	Cr. 40,661.91
Operating Income	Dr. 44,601.86	Dr. 387,114.42
OPERATING STATISTICS		
Average Miles of Road Operated	20,551.74	20,574.94
No. of Tons Carried (Rev.Fr.)	3,206,523	3,482,205
No. of Tons Carried One Mile " "	918,178,169	1,274,052,314
No. of Tons Carried (All Fr.)	3,870,074	4,311,509
No. of Tons Carried One Mile " "	1,069,500,980	1,481,068,005
No. of Rev. Pass. Carried	1,564,526	1,697,535
No. of Rev. Pass. Carried One Mile	88,892,730	97,357,580
# Freight Train Miles	1,981,200	2,441,750
# Passenger Train Miles	1,806,898	1,807,175
Total Train Miles (Rev.& Non Rev.)	3,967,968	4,546,574
Freight Car Miles-Loaded	47,788,085	58,101,580
Freight Car Miles-Empty	21,854,730	25,934,618
Passenger Train Car Miles	12,407,350	12,514,024
Total Amount of Pay Roll	\$10,043,982	\$11,020,118
Number of Employees	85,800	92,763
DAILY AVERAGES PER MILE OF ROAD OPERATED		
Operating Revenue	\$23.81	\$25.89
Operating Expenses	\$24.11	\$26.57
No. of Tons Moved One Mile (Rev.Fr.)	1,441	1,997
No. of Tons Moved One Mile (All Fr.)	1,679	2,322
No. of Rev. Pass. Carried One Mile	140	153
AVERAGES PER FREIGHT TRAIN MILE		
Freight Revenue	\$5.47	\$4.81
No. of Tons of Freight (Rev.Fr.)	463.4	521.8
No. of Tons of Freight (All Fr.)	539.8	606.6
Loaded Freight Cars	24.1	23.8
Empty Freight Cars	11.0	10.6
AVERAGES PER PASSENGER TRAIN MILE		
Passenger Train Revenues	\$2.13	\$2.37
Passengers Carried	49.2	53.9
Passenger Cars	6.9	6.9
Average Operating Expenses per Train Mile	\$3.87	\$3.73
Average Length of Haul (Rev.Fr.) Miles	286.3	365.9
Average Passenger Journey Miles	56.8	57.4
Average Tons per Loaded Fr. Car	22.4	25.5
Av. Fr. Receipt per Rev.Ton Mile	1.180%	.921%
Av. Passenger Receipt per Pass. per Mile	2.596%	2.584%
Ratio of Pay Roll to Operating Revenues	66.2%	66.7%
Ratio of Pay Roll to Operating Expenses	65.4%	65.0%
Ratio of Operating Expenses to Revenues	101.26%	102.63%

Contains a proportion of mixed train miles.

OPERATING REVENUES, EXPENSES & STATISTICSCANADIAN PACIFIC RAILWAY

For the Month of May, 1925.

	1925	1924
<u>OPERATING REVENUES</u>		
Freight	\$8,031,777.48	\$9,581,649.73
Passenger	2,444,319.29	2,678,005.68
Mail	279,495.74	279,535.23
Express	440,528.86	440,164.95
Other Freight Train	297.81	252.90
Other Passenger Train	308,852.42	332,083.75
Water Line	189,805.00	205,518.74
All Other	689,778.97	738,828.80
Total Railway Operating Revenues	12,384,855.57	14,256,039.78
<u>OPERATING EXPENSES</u>		
Maint. of Way and Structures	\$2,806,883.36	\$3,214,429.78
Maint. of Equipment	2,353,599.16	2,616,800.13
Traffic	689,599.30	717,332.70
Transportation	5,120,926.78	5,598,170.53
Misc. Operations	204,092.18	199,129.69
General	312,208.59	280,815.74
Trans. for Investment	Cr. --	--
Total Railway Operating Expenses	11,487,309.37	12,626,678.57
<u>OPERATING INCOME</u>		
Net Operating Revenue	\$ 897,546.20	\$1,629,361.21
Railway Tax Accruals	266,849.86	263,263.62
Uncollectable Revenues	--	--
Hire of Equipment	Cr. 277,495.67	Cr. 350,942.06
Joint Facilities Rents	Cr. 721.74	Cr. 9,429.91
Operating Income	908,913.75	1,726,469.56
<u>OPERATING STATISTICS</u>		
Average Miles of Road Operated	13,633.6	13,229.1
No. of Tons Carried (Rev.Fr.)	2,262,283	2,620,078
No. of Tons Carried One Mile " "	685,411,026	930,931,020
No. of Tons Carried (All Fr.)	2,877,053	3,290,807
No. of Tons Carried One Mile " "	875,670,556	1,083,124,061
No. of Rev. Pass. Carried	985,113	1,090,508
No. of Rev.Pass. Carried One Mile	88,295,961	93,265,773
# Freight Train Miles	1,649,284	1,823,816
# Passenger Train Miles	1,627,603	1,635,320
Total Train Miles (Rev.& Non Rev.)	3,408,318	3,610,700
Freight Car Miles-Loaded	38,403,255	41,247,487
Freight Car Miles-Empty	16,206,130	20,033,308
Passenger Train Car Miles	11,701,056	11,693,373
Total Amount of Pay Roll	\$7,424,385.02	\$7,720,872.44
Number of Employees	64,247	65,073
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>		
Operating Revenue	\$29.30	\$34.76
Operating Expenses	\$27.18	\$30.79
No. of Tons Moved One Mile (Rev.Fr.)	1,622	2,270
No. of Tons Moved One Mile (All Fr.)	2,072	2,641
No. of Rev.Pass. Carried One Mile	209	227
<u>#AVERAGES PER FREIGHT TRAIN MILE</u>		
Freight Revenue	\$4.87	\$5.25
No. of Tons of Freight (Rev.Fr.)	415.6	510.4
No. of Tons of Freight (All Fr.)	530.9	593.9
Loaded Freight Cars	23.3	22.6
Empty Freight Cars	9.8	11.0
<u>#AVERAGES PER PASSENGER TRAIN MILE</u>		
Passenger Train Revenues	\$2.13	\$2.28
Passengers Carried	54.2	57.0
Passenger Cars	7.2	7.2
Average Operating Expenses per Train Mile	\$3.37	\$3.50
Average Length of Haul (Rev.Fr.) Miles	303.0	355.3
Average Passenger Journey Miles	89.6	85.5
Average Tons per Loaded Fr. Car	22.8	26.3
Av. Fr.Receipt per Rev. Ton Mile	1.172¢	1.029¢
Av. Passenger Receipt per Pass. per Mile	2.768¢	2.871¢
Ratio of Pay Roll to Operating Revenues	59.9%	54.2%
Ratio of Pay Roll to Operating Expenses	64.6%	61.1%
Ratio of Operating Expenses to Revenues	92.75%	89.57%

Contains a proportion of mixed train miles.

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

OPERATING REVENUES

	<u>1925</u>	<u>1924</u>
Canadian Lines	\$15,166,295.74	\$16,510,126.49
Duluth, Winnipeg & Pacific	170,724.00	155,269.00
Grand Trunk Western Lines	2,712,852.00	2,531,622.00
New England Lines	195,866.26	153,752.51
Total	18,245,738.00	19,350,770.00

OPERATING EXPENSES

Canadian Lines	\$15,358,027.72	\$16,944,021.72
Duluth, Winnipeg & Pacific	158,904.57	165,463.31
Grand Trunk Western Lines	2,068,227.44	2,212,869.94
New England Lines	260,638.50	283,757.85
Total	17,845,798.23	19,606,092.82

NET OPERATING REVENUES

Canadian Lines	Dr. \$191,731.98	Dr. 433,895.23
Duluth Winnipeg & Pacific	11,819.43	10,194.31
Grand Trunk Western Lines	644,624.56	318,752.06
New England Lines	Dr. 64,772.24	Dr. 129,985.34
Total	399,939.77	255,322.82

OPERATING INCOME

Canadian Lines	Dr. \$44,601.86	Dr. \$387,114.42
Duluth, Winnipeg & Pacific	1,397.17	Dr. 20,095.93
Grand Trunk Western Lines	278,309.74	Dr. 87,742.62
New England Lines	Dr. 137,308.43	Dr. 202,681.68
Total	Cr. 97,796.62	Dr. 697,634.70

SUMMARY

Five Months Ended May 31st

	<u>1925</u>	<u>1924</u>
<u>ALL RAILWAYS</u>		
Operating Revenues	\$157,707,941.79	\$ 173,550,451.33
Operating Expenses	144,506,432.81	159,285,570.31
Net Operating Revenues	13,201,508.98	14,264,881.02
Operating Income	11,100,433.67	12,467,840.20

CANADIAN NATIONAL RAILWAY

Operating Revenues-Canadian Lines	\$73,041,468.57	\$79,981,077.23
United States Lines	14,297,612.43	15,203,413.79
Total	87,339,081.00	95,184,491.00
Operating Expenses-Canadian Lines	\$71,697,499.16	\$79,017,494.94
United States Lines	11,466,859.89	12,611,183.19
Total	83,164,359.05	91,628,678.13
Net Operating Revenue-Canadian Lines	\$ 1,343,969.41	\$ 963,582.29
United States Lines	2,830,752.54	2,592,230.60
Total	4,174,721.95	3,555,812.89
Operating Income - Canadian Lines	\$3,755,407.95	\$2,859,314.96
United States Lines	408,798.60	51,187.67
Total	4,164,206.55	2,910,502.63

CANADIAN PACIFIC RAILWAY

Operating Revenues	\$60,878,938.59	\$68,235,515.22
Operating Expenses	55,000,553.19	61,128,845.36
Net Operating Revenues	5,878,405.40	7,106,669.86
Operating Income	6,213,195.25	7,930,435.17

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