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DOMINION BUREAU OF STATISTICS

TRANSPORTATION BRANCH

OPERATING REVENUES EXPENSES & STATISTICS

of

RAILWAYS

With Annual Operating Revenues of \$500,000

For

MAY

1924

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OTTAWA

1924

DOMINION BUREAU OF STATISTICS

TRANSPORTATION BRANCH

OTTAWA

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OPERATING REVENUES, EXPENSES & STATISTICS

STEAM RAILWAYS OF CANADA

WITH ANNUAL OPERATING REVENUES OF \$500,000.

For the Month of May, 1924

The decline in railway revenues noticed in the April report continued in May. Total operating revenues for May 1924 amounted to \$35,708,117 as against \$37,062,525 for May 1923, a decline of \$1,354,408.

Freight revenues registered a decline of \$1,565,727 and Passengers \$259,661 while other sources showed a betterment.

Operating expenses amounted to \$33,496,308 as compared with \$32,845,555 for May 1923. Expenditures for maintenance of Way and Structures increased \$1,068,134 and maintenance of Equipment and Traffic also registered increases, while Transportation gave a decrease of \$716,570. The ratio of operating expenses to revenues increased from 88.62% in May 1923 to 93.81% in May 1924.

Total amount of Pay Roll for May was \$20,524,241 as compared with \$22,023,161 last year and the number of employees decreased from 172,504 in 1923 to 172,187 this year.

The net operating revenues and operating income for the first five months of 1924 were higher than for 1923 being \$14,264,881 and \$12,434,369 respectively as against \$9,066,503 and \$8,637,319 for May 1923.

CANADIAN NATIONAL RAILWAYS.— Canadian National Railways showed an operating deficit for May of \$433,895 as against a net operating revenue for May 1923 of \$928,190. Revenues were \$856,784, or 4.9 per cent below last year's but operating expenses were greater by \$505,301 or 3.1 per cent. Maintenance of way and structures expenses were increased by \$787,714 and maintenance of equipment by \$16,049. Transportation expenses however, were reduced by \$487,721 or 5.8 per cent with an increase in freight traffic of 3.2 per cent and a slight increase in passenger traffic.

Freight revenues showed a decrease of \$1,064,339 or 8.3 per cent and passenger revenues a decrease of \$149,572, or 5.6 per cent from lower average receipts per ton mile and per passenger mile.

Train loading was heavier by 683 net tons and .4 car and car loading heavier by half a ton.

The whole system including the lines in the United States showed an operating deficit of \$255,322 against a net operating revenue of \$1,903,416 for May 1923.

CANADIAN PACIFIC RAILWAY.- Canadian Pacific railway showed an increase in revenue freight traffic for May of 10.2 per cent but passenger traffic fell off 4.4 per cent compared with May 1923.

Freight revenues were heavier by \$181,897 or 2 per cent and total revenues increased by \$272,078, or 1.9 per cent. Operating expenses were also increased \$340,183 or 2.8 per cent mainly from increases in maintenance expenses.

The total pay roll was increased by \$198,136 or 2.6 per cent for an increase of 1.2 per cent in the number of employees.

Freight trains were loaded heavier by 26.1 net tons and .5 freight car. The average load per car was also heavier by 1.6 tons.

The totals to date show an increase in revenues of \$4,305,577 in expenses of \$2,822,914 and in net operating revenue of \$1,482,663.

OPERATING REVENUES, EXPENSES & STATISTICSCANADIAN NATIONAL RYS.

For the Month of May, 1924.

	1924	1923
<u>OPERATING REVENUES</u>		
Freight	11,733,204.00	12,797,543.09
Passenger	2,515,560.46	2,665,132.90
Mail	263,316.86	255,627.00
Express	1,243,680.70	962,610.40
Other Freight Train	-	-
Other Passenger Train	254,950.50	237,213.72
Water Line	-	-
All Other	499,413.97	428,783.60
Total Railway Operating Revenues	16,510,126.49	17,366,910.79
<u>OPERATING EXPENSES</u>		
Maint. of Way and Structures	4,164,525.08	3,376,810.20
Maint. of Equipment	3,649,384.89	3,633,335.40
Traffic	517,167.57	364,323.62
Transportation	7,877,957.35	8,365,678.77
Misc. Operations	173,756.11	133,247.65
General	531,266.57	573,328.76
Trans. for Investment	20,035.85	0,003.83
Total Railway Operating Expenses	16,944,021.72	16,430,720.65
<u>OPERATING INCOME</u>		
Net Operating Revenue	Dr. 433,895.23	928,190.14
Railway Tax Accruals	250,889.80	193,405.35
Uncollectable Revenues	220.06	-
Hire of Equipment	Cr. 223,889.94	Cr. 407,841.53
Joint Facilities Rents	Cr. 40,661.91	Cr. 6,793.99
Operating Income	Dr. 420,453.24	1,149,420.31
<u>OPERATING STATISTICS</u>		
Average Miles of Road Operated	20,574.94	20,461.91
No. of Tons carried (Rev.Fr.)	3,482,205	3,958,000
No. of Tons carried one mile (Rev.Fr.)	1,274,052,314	1,230,383,997
No. of Tons carried (All Fr.)	4,311,509	4,802,708
No. of Tons carried one mile (All Fr.)	1,481,068,005	1,434,459,498
No. of Revenue Pass. Carried	1,697,535	1,750,529
No. of Revenue Pass. carried one mile	97,337,580	96,954,826
*Freight Train Miles	2,441,750	2,664,740
*Passenger Train Miles	1,607,173	1,752,168
Total Train Miles (Rev. & Non.Rev.)	4,048,923	4,416,908
Freight Car Miles-Loaded	58,161,580	57,312,144
Freight Car Miles-Empty	25,934,618	33,322,729
Passenger Train Car Miles	12,514,024	8,361,256
Total Amount of Pay Roll	11,020,118	12,637,515
Number of Employees	92,755	94,440
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>		
Operating Revenue	\$ 25.89	\$ 27.38
Operating Expenses	26.57	25.92
No. of Tons Moved one Mile (Rev.Fr.)	1,997	1,940
No. of Tons Moved one Mile (All Fr.)	2,322	2,261
No. of Rev. Pass. Carried one Mile	153	153
<u>*AVERAGES PER FREIGHT TRAIN MILE</u>		
Freight Revenue	\$ 4.81	\$ 4.70
No. of Tons of Freight (Rev.Fr.)	521.8	461.7
No. of Tons of Freight (All Fr.)	606.6	538.3
Loaded Freight Cars	23.8	21.5
Empty Freight Cars	10.6	12.5
<u>*AVERAGES PER PASSENGER TRAIN MILE</u>		
Passenger Train Revenues	\$ 2.37	\$ 2.36
Passengers Carried	53.9	55.3
Passenger Cars	7.0	4.8
Average Operating Expenses per train mile	3.73	3.53
Average Length of Haul(Rev.Fr.) Miles	365.9	310.9
Average Passenger Journey Miles	57.4	55.4
Average Tons per Loaded Fr. Car	25.5	25.0
Av. Fr. Receipt per Rev. Ton Mile	.921¢	1.040¢
Av. Passenger Receipt per Pass. per mile	2.56¢	2.74¢
Ratio of Pay Roll to Operating Revenues	66.7%	72.8%
Ratio of Pay Roll to Operating Expenses	65.0%	76.9%
Ratio of Operating Expenses to Revenues	102.63%	94.66%

* Contains a proportion of Mixed Train Miles.

Subject to Revision

OPERATING REVENUES, EXPENSES & STATISTICS

ALL RAILWAYS

For the Month of May, 1924.

	1924	1923
<u>OPERATING REVENUES</u>		
Freight	\$ 24,888,113.62	\$26,453,840.92
Passenger	6,156,027.78	6,415,689.13
Mail	592,032.80	592,386.55
Express	1,790,923.03	1,544,368.11
Other Freight Train	546.65	1,301.50
Other Passenger Train	609,549.39	583,156.48
Water Line	255,160.68	264,204.24
All Other	1,415,763.08	1,207,578.59
Total Railway Operating Revenues	35,708,117.03	37,062,525.52
<u>OPERATING EXPENSES</u>		
Maint. of Way and Structures	8,399,686.40	7,331,551.73
Maint. of Equipment	7,177,710.61	7,117,811.51
Traffic	1,310,512.95	1,109,047.70
Transportation	15,197,037.92	15,913,608.02
Misc. Operations	419,154.66	377,905.94
General	1,017,908.80	1,006,675.40
Trans. for Investment Cr.	25,703.05	11,044.85
Total Railway Operating Expenses	33,496,308.29	32,845,555.45
<u>OPERATING INCOME</u>		
Net Operating Revenue	2,211,808.74	4,216,970.07
Railway Tax Accruals	608,927.24	562,669.00
Uncollectable Revenues	419.26	376.30
Hire of Equipment Cr.	241,026.01	631,527.36
Joint Facilities Rents Dr.	83,556.56	131,115.35
Operating Income	1,759,931.69	4,154,336.78
<u>OPERATING STATISTICS</u>		
Average Miles of Road Operated	38,684.50	38,479.56
No. of Tons Carried (Rev. Fr.)	8,356,249	9,344,985
No. of Tons Carried One Mile (Rev. Fr.)	2,466,232.391	2,410,246.551
No. of Tons Carried (All Fr.)	9,951,634	11,029,984
No. of Tons Carried One Mile (All Fr.)	2,830,928.454	2,785,189.084
No. of Revenue Pass. Carried	3,282,433	3,431,766
No. of Revenue Pass. Carried One Mile	219,251.962	223,900.644
Freight Train Miles	4,831,187	5,060,223
Passenger Train Miles	3,929,739	3,866,094
Total Train Miles (Rev. & Non.Rev.)	9,250,986	9,369,279
Freight Car Miles-Loaded	112,928,041	113,656,615
Freight Car Miles-Empty	53,803,302	58,276,809
Passenger Train Car Miles	27,523,407	23,280,657
Total Amount of Pay Roll	20,524,241.12	22,023,160.88
Number of Employees	172,187	172,504
<u>AVERAGES (DAILY) PER MILE OF ROAD OPERATED</u>		
Operating Revenue	\$ 29.78	\$ 31.06
Operating Expenses	27.93	27.53
No. of Tons Moved One Mile (Rev. Fr.)	2,056	2,021
No. of Tons Moved One Mile (All Fr.)	2,361	2,335
No. of Rev. Pass. Carried one Mile	183	188
<u>AVERAGES PER FREIGHT TRAIN MILE</u>		
Freight Revenue	\$ 5.15	\$ 5.23
No. of Tons of Freight (Rev. Fr.)	510.3	476.3
No. of Tons of Freight (All Fr.)	586.0	550.4
Loaded Freight Cars	23.4	22.5
Empty Freight Cars	11.1	11.5
<u>AVERAGES PER PASSENGER TRAIN MILE</u>		
Passenger Train Revenue	\$ 2.33	\$ 2.36
Passengers Carried	55.8	58.0
Passenger Cars	7.0	6.0
Average Operating Expenses per train mile	3.62	3.51
Average Length of Haul (Rev. Fr.) Miles	295.0	257.9
Average Passenger Journey Miles	66.8	65.2
Average Tons per Loaded Fr. Car	25.1	24.5
Av. Fr. Receipt per Rev. Ton. Mile	1.010¢	1.098¢
Av. Passenger Receipt per Pass. per mile	2.808¢	2.865¢
Ratio of Pay Roll to Operating Revenues	57.5%	59.4%
Ratio of Pay Roll to Operating Expenses	61.3%	67.1%
Ratio of Operating Expenses to Revenues	93.81%	88.62%

* Contains a proportion of mixed train miles.

Subject to Revision

OPERATING REVENUES, EXPENSES & STATISTICS

CANADIAN PACIFIC RAILWAY

For the Month of May, 1924

<u>OPERATING REVENUES</u>		
Freight	\$ 9,581,649.73	\$ 9,399,752.61
Passenger	2,678,005.68	2,766,907.50
Mail	279,535.23	283,429.82
Express	440,164.95	440,820.28
Other Freight Train	252.90	278.80
Other Passenger Train	332,083.75	321,145.30
Water Line	205,518.74	171,357.26
All Other	738,828.80	600,269.89
Total Railway Operating Revenues	14,256,039.78	13,983,961.45
<u>OPERATING EXPENSES</u>		
Maint. of Way and Structures	3,214,429.78	2,922,069.76
Maint. of Equipment	2,616,800.13	2,508,760.59
Traffic	717,332.70	675,468.21
Transportation	5,598,170.53	5,695,659.15
Miscel Operations	199,129.69	201,729.67
General	280,815.74	282,807.84
Trans. for Investment	-	-
Total Railway Operating Expenses	12,626,678.57	12,286,495.22
<u>OPERATING INCOME</u>		
Net Operating Revenue	1,629,361.21	1,697,466.24
Railway Tax Accruals	263,263.62	261,415.98
Uncollectable Revenues	-	-
Hire of Equipment	Cr. 350,942.06	Cr. 548,298.00
Joint Facilities Rents	Cr. 9,429.91	Cr. 13,898.80
Operating Income	1,726,469.56	1,998,247.06
<u>OPERATING STATISTICS</u>		
Average Miles of Road Operated	13,657.7	13,536.1
No. of Tons Carried (Rev. Fr.)	2,313,481	2,151,218
No. of Tons Carried One Mile (Rev. Fr.)	930,931.020	845,008,298
No. of Tons Carried (All Fr.)	2,972,607	2,851,829
No. of Tons Carried One Mile (All Fr.)	1,083,124.061	1,007,096,048
No. of Revenue Pass. Carried	1,090,508	1,145,573
No. of Revenue Pass. Carried one Mile	93,265.773	97,573.155
Freight Train Miles	1,823,813	1,773,738
Passenger Train Miles	1,635,320	1,616,565
Total Train Miles (Rev. and Non.Rev.)	3,610,700	3,578,279
Freight Car Miles-Loaded	41,247,487	40,741,417
Freight Car Miles-Empty	20,033,308	17,922,995
Passenger Train Car Miles	11,600,026	11,525,149
Total Amount of Pay Roll	7,720,872.44	7,522,736.32
Number of Employees	65,073	64,318
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>		
Operating Revenue	\$ 33.67	\$ 33.33
Operating Expenses	29.82	29.28
No. of Tons Moved One Mile (Rev. Fr.)	2,199	2,014
No. of Tons Moved One Mile (All Fr.)	2,558	2,390
No. of Rev. Pass. Carried One Mile	220	233
<u># AVERAGES PER FREIGHT TRAIN MILE</u>		
Freight Revenue	\$ 5.25	5.30
No. of Tons of Freight (Rev. Fr.)	510.4	476.4
No. of Tons of Freight (All Fr.)	593.9	567.8
Loaded Freight Cars	22.6	23.0
Empty Freight Cars	11.0	10.1
<u># AVERAGES PER PASSENGER TRAIN MILE</u>		
Passenger Train Revenues	\$ 2.28	\$ 2.36
Passengers Carried	57.0	60.4
Passenger Cars	7.1	7.1
Average Operating Expenses per train mile	3.50	3.43
Average Length of Haul (Rev. Fr.) Miles	402.4	392.8
Average Passenger Journey Miles	85.5	85.2
Average Tons per Loaded Fr. Car	26.3	24.7
Average Fr. Receipts per Rev. Ton Mile	1.029¢	1.112¢
Av. Passenger Receipt per Pass. per mile	2.871¢	2.836¢
Ratio of Pay Roll to Operating Revenues	54.2%	53.8%
Ratio of Pay Roll to Operating Expenses	61.1%	61.2%
Ratio of Operating Expenses to Revenues	83.57%	87.86%

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, 1924 & 1923

OPERATING REVENUES

Canadian Lines	\$16,510,126.49	\$17,366,910.79
Duluth, Winnipeg & Pacific Rly.	155,269.00	195,821.06
Grand Trunk Western Lines	2,531,622.00	3,001,830.00
New England Lines	153,752.51	287,898.30
Total	19,350,770.00	20,852,460.15

OPERATING EXPENSES

Canadian Lines	\$16,944,021.72	16,438,720.65
Duluth, Winnipeg & Pacific Rly.	165,463.31	162,860.94
Grand Trunk Western Lines	2,212,869.94	2,049,068.71
New England Lines	283,737.85	293,393.59
Total	19,606,092.82	18,944,043.89

NET OPERATING REVENUES

Canadian Lines	Dr. \$ 433,895.23	928,190.14
Duluth, Winnipeg & Pacific Rly.	Dr. 10,194.31	32,960.12
Grand Trunk Western Lines	318,752.06	952,761.29
New England Lines	Dr. 129,985.34	Dr. 5,495.29
Total	Dr. 255,322.82	Cr. 1,908,416.26

OPERATING INCOME

Canadian Lines	Dr. 420,453.24	Cr. 1,149,420.31
Duluth, Winnipeg & Pacific Rly.	Dr. 20,095.98	Cr. 14,601.72
Grand Trunk Western Lines	Dr. 54,403.80	Cr. 396,408.29
New England Lines	Dr. 202,681.68	Dr. 21,880.29
Total	Dr. 697,634.70	Cr. 1,538,550.03

SUMMARY

For Five Months - January - February - March - April - May

	1924	1923
<u>ALL RAILWAYS</u>		
Operating Revenues	\$173,550,451.33	\$169,325,996.55
Operating Expenses	159,285,570.31	160,259,492.72
Net Operating Revenues	14,264,881.02	9,066,503.83
Operating Income	12,434,368.88	8,637,319.10
<u>CANADIAN NATIONAL RAILWAYS</u>		
Operating Revenues-Canadian Lines	\$ 79,981,077.21	\$ 79,637,619.74
United States Lines	15,203,413.79	15,960,016.91
Total	95,184,491.00	95,597,636.65
Operating Expenses-Canadian Lines	\$ 79,017,494.94	\$ 82,873,089.51
United States Lines	12,611,183.19	12,265,359.32
Total	91,628,678.13	95,138,448.83
Net Operating Revenue-Canadian Lines	\$ 963,582.27	Dr. \$ 3,235,469.77
United States Lines	2,592,230.60	3,694,657.59
Total	3,555,812.87	459,187.82
Operating Income-Canadian Lines	\$ 1,245,499.72	Dr. \$ 2,379,856.03
United States Lines	84,526.49	703,777.45
Total	1,330,026.21	Dr. 1,676,078.58
<u>CANADIAN PACIFIC RAILWAY</u>		
Operating Revenues	\$ 68,235,515.22	\$ 63,929,938.37
Operating Expenses	61,128,845.36	58,305,931.31
Net Operating Revenues	7,106,669.86	5,624,007.06
Operating Income	7,930,435.17	7,144,359.63