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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
JUNE
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.
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OPERATING REVENUES, EXPENSES & STATISTICS

STEAM RAILWAYS OF CANADA

WITH ANNUAL OPERATING REVENUES OF \$500,000.

FOR THE MONTH OF JUNE, 1925

The gross earnings of the Canadian railways showed a decrease of \$3,256,013, or 8.8 per cent from those of June, 1924. Operating expenses were also reduced 8.8 per cent or \$3,039,612 reducing the net operating revenues by \$216,401.

The large decrease in revenue freight compared with June, 1924 traffic was in agricultural products which decreased 800,000 tons and practically all of this decrease was in grain loaded in Alberta and Saskatchewan, and to a lesser extent in Manitoba. Flour and other mill products also showed material decreases; animal products showed a slight increase in tonnage and mine products a decrease of 66,000 tons. Bituminous coal fell off 260,000 tons in loadings at the mines, a drop of over 48 per cent, and imports increased slightly but iron ore, other ores and concentrates, clay, gravel and sand, and asphaltum showed good increases. Forest products showed increases, especially in British Columbia. Manufactures and miscellaneous freight showed a net increase of 340,000 tons or 19 per cent, the largest increases being in petroleum rails and fastenings, bar and sheet and structural iron, automobiles, wood pulp, and merchandise.

Although the decrease in tonnage was 8.2 per cent and in ton miles, 26.7 per cent, due to a higher average revenue per ton mile, viz. 1.218 cents as against .975 cent in 1924, the freight revenues declined only 8.4 per cent or \$2,050,335. This was accounted for almost entirely by the smaller proportion of low class freight, principally grain.

Passenger traffic was lighter by 5.5 per cent and passenger revenues fell off \$508,978, or 6.9 per cent.

The pay roll was reduced by \$1,003,570, or 4.9 per cent for a cut in the staff of 7.3 per cent, or 13,200 employees.

For the first half of the year net operating revenues were below those of 1924 by \$1,279,773, but the first six months of 1924 were much better than the last six on account of the heavy grain movement from the record harvest of 1923 and also on account of the much smaller harvest of 1924 which affected the first half of 1925. With the present prospects of a good harvest in the west, the operating results of the remainder of 1925 will undoubtedly overcome this deficit and show an improvement over 1924 for the present year.

CANADIAN NATIONAL RAILWAYS- Gross revenues were lighter than for June, 1924 by \$1,915,910, or 11.2 per cent due to a decrease in freight traffic of 33.9 per cent and in passenger traffic of 7.3 per cent. The main factor was the grain movement which was exceptionally heavy in June 1924 and lighter this year than for any June in the past four years.

The increase in the operating deficit amounted to \$17,632, operating expenses being reduced by \$1,398,273 or 10.5 per cent, and the operating ratio being increased from 105.70 per cent to 106.54 per cent.

There was an average of 10,153 less employees during the month reducing the pay roll by \$850,715, or 7.6 per cent.

The lines in the United States earned a net revenue of \$559,337 reducing the operating deficit for the entire system to \$432,376 as against a deficit of \$926,582 in June, 1924.

For the six months, January-June, Canadian lines earned a net revenue of \$352,205, an improvement over the first six months in 1924 of \$362,754 and the lines in the United States showed an increase of \$750,161, making the increase for the entire system \$1,112,915.

CANADIAN PACIFIC RAILWAY- Freight traffic during June continued light in comparison with 1924 and 1923 being 24.8 per cent under June 1924 and 17.6 per cent under June 1923 traffic. Passenger traffic was also lighter than in June 1924 by 3.2 per cent and in June 1923 by 9.4 per cent.

Revenues showed a decrease from last year of \$1,581,402 or 10.5 per cent and although operating expenses were cut by \$797,778 or 6.3 per cent, net revenues were less by \$783,623. The operating ratio was 87.58 per cent as against 83.69 per cent for June, 1924 and 92.75 per cent for May, 1925.

The decrease in grain and coal traffic was reflected in a decreased train loading from 632.1 net tons to 551.8 net tons and in car loading from 27.1 tons to 23.6 tons; also in the increased revenues per ton mile from 1.033 cents to 1.245 cents.

For the first six months of the year gross revenues were less than in 1924 by \$8,937,978 and net revenues were less by \$2,011,888.

CORRECTION - PAGE 6 - MAY, 1925 REPORT

Summary for Five Months ended May 31st.

	<u>1925</u>	<u>1924</u>
<u>Canadian National Ry.</u>		
Operating Income-Canadian Lines-		
Reads	\$3,755,407.95	\$2,859,314.96
Should Read	1,903,696.81	1,278,838.54
Total Operating Income		
Can. & U.S. Lines -		
Reads	4,164,206.55	2,910,502.63
Should Read	2,312,495.41	1,330,026.21

OPERATING REVENUES, EXPENSES & STATISTICS

STEAM RAILWAYS OF CANADA

With Annual Operating Revenues of \$500,000

For the Month of June, 1925

	1925	1924
<u>OPERATING REVENUES</u>		
Freight	\$22,256,187.09	\$24,306,522.52
Passenger	6,840,550.46	7,349,509.20
Mail	594,275.13	593,388.84
Express	1,657,459.32	1,223,830.93
Other Freight Train	1,135.46	1,652.95
Other Passenger Train	704,596.81	666,067.18
Water Line	271,913.47	299,304.90
All Other	1,352,954.82	1,894,819.32
Total Railway Operating Revenues	33,672,081.56	36,935,095.24
<u>OPERATING EXPENSES</u>		
Maint. of Way and structures	\$8,912,109.70	\$9,830,626.66
Maint. of Equipment	6,369,432.11	7,101,249.39
Traffic	1,311,922.33	1,335,296.47
Transportation	13,552,824.61	14,867,754.16
Misc. Operations	435,798.63	474,311.29
General	1,001,368.73	1,034,393.35
Trans. for Investment	Cr. 71,769.76	Cr. 62,932.94
Total Railway Operating Expenses	31,541,686.35	34,581,298.38
<u>OPERATING INCOME</u>		
Net Operating Revenue	\$2,137,395.21	\$2,353,796.86
Railway Tax Accruals	608,662.45	586,670.57
Uncollectable Revenues	1,935.18	3,653.69
Hire of Equipment	Cr. 79,628.24	Cr. 220,681.99
Joint Facilities Rents	Dr. 60,984.90	Dr. 57,179.69
Operating Income	1,545,392.94	1,926,974.90
<u>OPERATING STATISTICS</u>		
Average Miles or Road Operated	38,677.10	38,255.20
No. of Tons Carried (Rev. Fr.)	7,807,237	8,506,153
No. of Tons Carried One Mile " "	1,827,443,692	2,493,968,383
No. of Tons Carried (All Fr.)	9,360,964	10,210,035
No. of Tons Carried One Mile " "	2,213,306,486	2,901,604,388
No. of Rev. Passengers Carried	3,260,013	3,583,182
No. of Rev. Pass. Carried One Mile	252,073,398	266,620,657
# Freight Train Miles	4,099,339	4,684,070
# Passenger Train Miles	4,114,452	4,046,230
Total Train Miles (Rev. & Non Rev.)	8,643,702	9,352,444
Freight Car Miles-Loaded	97,099,247	111,809,754
Freight Car Miles-Empty	45,687,128	58,352,942
Passenger Train Car Miles	29,254,113	29,267,352
Total Amount of Pay Roll	\$19,588,176.56	\$20,591,746.84
Number of Employees	166,622	179,822
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>		
Operating Revenue	\$29.03	\$32.18
Operating Expenses	\$27.18	\$30.13
No. of Tons Moved One Mile (Rev. Fr.)	1,575	2,173
No. of Tons Moved One Mile (All Fr.)	1,908	2,528
No. of Rev. Pass. Carried One Mile	217	232
<u>AVERAGES PER FREIGHT TRAIN MILE</u>		
Freight Revenue	\$5.43	\$5.19
No. of Tons of Freight (Rev. Fr.)	445.8	532.4
No. of Tons of Freight (All Fr.)	539.9	619.5
Loaded Freight Cars	23.7	23.9
Empty Freight Cars	11.1	12.5
<u>AVERAGES PER PASSENGER TRAIN MILE</u>		
Passenger Train Revenues	\$2.38	\$2.58
Passengers Carried	61.3	65.9
Passenger Cars	7.3	7.2
Average Operating Expenses per train mile	\$3.65	\$3.70
Average Length of Haul (Rev. Fr.) Miles	234.1	293.2
Average Passenger Journey Miles	77.3	74.4
Average Tons per Loaded Fr. Car	22.8	26.0
Fr. Receipt per Rev. Ton Mile	1.218¢	.975¢
Passenger Receipt per Pass. per Mile	2.714¢	2.757¢
Ratio of Pay Roll to Operating Revenues	58.2%	53.6%
Ratio of Pay Roll to Operating Expenses	62.1%	59.5%
Ratio of Operating Expenses to Revenues	93.65%	93.63%

* Contains a proportion of mixed train miles.

OPERATING REVENUES, EXPENSES & STATISTICS

CANADIAN NATIONAL RAILWAYS

For the Month of June, 1925

	1925	1924
OPERATING REVENUES		
Freight	\$10,326,221.92	\$11,895,014.30
Passenger	2,756,819.90	2,940,337.02
Mail	250,603.56	261,767.88
Express	1,121,417.09	1,266,895.53
Other Freight Train	--	--
Other Passenger Train	247,772.96	228,914.65
Water Line	--	--
All Other	465,190.05	489,006.42
Total Railway Operating Revenues	15,166,025.48	17,081,935.80
OPERATING EXPENSES		
Maint. of Way and Structures	\$4,875,177.24	\$5,353,741.85
Maint. of Equipment	3,246,637.28	3,708,766.38
Traffic	506,793.58	560,054.26
Transportation	6,882,567.93	7,758,134.72
Misc. Operations	174,513.89	190,804.71
General	543,252.29	563,763.44
Trans. for Investment	Cr. 70,953.10	Cr. 59,198.18
Total Railway Operating Expenses	16,157,789.11	18,056,067.18
OPERATING INCOME		
Net Operating Revenue	Dr. \$991,763.63	Dr. \$974,131.38
Railway Tax Accruals	228,411.54	217,177.00
Uncollectable Revenues	1,902.52	3,424.70
Hire of Equipment	Cr. 276,420.72	Cr. 296,639.32
Joint Facilities Rents	Cr. 70,055.85	Cr. 38,177.37
Operating Income	Dr. 875,601.04	Dr. 859,916.39
OPERATING STATISTICS		
Average Miles of Road Operated	20,551.74	20,574.94
No. of Tons Carried (Rev. Fr.)	3,245,902	3,493,035
No. of Tons Carried One Mile " "	897,391,044	1,357,739,890
No. of Tons Carried (All Fr.)	3,975,354	4,338,235
No. of Tons Carried One Mile " "	1,063,723,720	1,562,162,154
No. of Rev. Passengers Carried	1,590,308	1,840,573
No. of Rev. Pass. Carried One Mile	105,840,026	114,168,214
# Freight Train Miles	1,961,084	2,454,005
# Passenger Train Miles	1,840,466	1,811,833
Total Train Miles (Rev. & Non Rev.)	4,022,170	4,681,577
Freight Car Miles-Loaded	46,213,580	59,402,029
Freight Car Miles-Empty	22,132,889	31,752,914
Passenger Train Car Miles	13,289,103	12,912,104
Total Amount of Pay Roll	\$ 10,408,064	\$ 11,258,779
Number of Employees	89,137	99,290
DAILY AVERAGES PER MILE OF ROAD OPERATED		
Operating Revenue	\$24.60	\$27.67
Operating Expenses	\$26.21	\$29.25
No. of Tons Moved One Mile (Rev. Fr.)	1,455	2,200
No. of Tons Moved One Mile (All Fr.)	1,725	2,531
No. of Rev. Pass. Carried One Mile	172	185
#AVERAGES PER FREIGHT TRAIN MILE		
Freight Revenue	\$5.27	\$4.85
No. of Tons of Freight (Rev. Fr.)	457.6	553.3
No. of Tons of Freight (All Fr.)	542.4	636.6
Loaded Freight Cars	23.6	24.2
Empty Freight Cars	11.3	12.9
#AVERAGES PER PASSENGER TRAIN MILE		
Passenger Train Revenues	\$2.38	\$2.59
Passengers Carried	57.5	63.0
Passenger Cars	7.2	7.1
Average Operating Expenses per train mile	\$4.02	\$3.86
Average Length of Haul (Rev. Fr.) Miles	276.5	388.7
Average Passenger Journey Miles	66.6	62.0
Average Tons per Loaded Fr. Car	23.0	26.3
Av. Fr. Receipt per Rev. Ton Mile	1.151¢	.876¢
Av. Passenger Receipt per Pass. per Mile	2.605¢	2.575¢
Ratio of Pay Roll to Operating Revenues	68.6%	65.9%
Ratio of Pay Roll to Operating Expenses	64.4%	62.4%
Ratio of Operating Expenses to Revenues	106.54%	105.70%

Contains a proportion of mixed train miles.

OPERATING REVENUES, EXPENSES & STATISTICS

CANADIAN PACIFIC RAILWAY

For the Month of June, 1925

	1925	1924
OPERATING REVENUES		
Freight	\$8,389,850.10	\$9,243,083.46
Passenger	3,015,968.95	3,254,949.32
Mail	289,235.57	278,335.12
Express	439,712.77	440,428.50
Other Freight Train	746.96	1,015.45
Other Passenger Train	433,145.65	414,002.22
Water Line	224,414.34	251,555.19
All Other	727,830.53	1,218,938.15
Total Railway Operating Revenues	13,520,905.37	15,102,307.41
OPERATING EXPENSES		
Maint. of Way and Structures	\$3,130,626.98	\$3,421,962.90
Maint. of Equipment	2,365,570.21	2,534,098.95
Traffic	721,990.95	627,548.15
Transportation	5,081,883.43	5,431,686.17
Misc. Operations	239,621.53	234,725.11
General	301,945.73	319,396.03
Trans. for Investment	Cr. --	--
Total Railway Operating Expenses	11,841,638.83	12,639,417.31
OPERATING INCOME		
Net Operating Revenue	\$1,679,266.54	\$2,462,890.10
Railway Tax Accruals	272,389.92	265,182.66
Uncollectable Revenues	--	--
Hire of Equipment	Cr. 159,985.69	Cr. 246,850.36
Joint Facilities Rents	Cr. 17,588.49	Cr. 15,091.69
Operating Income	1,584,450.80	2,459,649.49
OPERATING STATISTICS		
Average Miles of Road Operated	13,633.6	13,229.1
No. of Tons Carried (Rev.Fr.)	2,272,227	2,598,676
No. of Tons Carried One Mile " "	673,719,899	895,425,844
No. of Tons Carried (All Fr.)	2,987,547	3,360,591
No. of Tons Carried One Mile " "	886,703,171	1,092,595,253
No. of Revenue Pass. Carried	1,172,800	1,176,175
No. of Revenue Pass. Carried One Mile	113,441,229	117,153,837
* Freight Train Miles	1,606,833	1,728,459
* Passenger Train Miles	1,799,765	1,756,583
Total Train Miles (Rev.& Non Rev.)	3,565,339	3,644,079
Freight Car Miles-Loaded	37,532,139	40,327,304
Freight Car Miles-Empty	15,826,190	19,442,518
Passenger Train Car Miles	13,144,082	12,937,029
Total Amount of Pay Roll	\$7,469,081.04	\$7,607,464.22
Number of Employees	63,696	66,172
DAILY AVERAGES PER MILE OF ROAD OPERATED		
Operating Revenue	\$33.06	\$38.05
Operating Expenses	\$28.95	\$31.85
No. of Tons Moved One Mile (Rev.Fr.)	1,647	2,256
No. of Tons Moved One Mile (All Fr.)	2,168	2,753
No. of Rev.Pass. Carried One Mile	277	295
AVERAGES PER FREIGHT TRAIN MILE		
Freight Revenue	\$5.22	\$5.35
No. of Tons of Freight (Rev.Fr.)	419.3	518.0
No. of Tons of Freight (All Fr.)	551.8	632.1
Loaded Freight Cars	23.4	23.3
Empty Freight Cars	9.8	11.2
AVERAGES PER PASSENGER TRAIN MILE		
Passenger Train Revenues	\$2.32	\$2.50
Passengers Carried	63.0	66.7
Passenger Cars	7.3	7.4
Average Operating Expenses per Train Mile	\$3.32	\$3.47
Average Length of Haul (Rev.Fr.) Miles	296.5	344.6
Average Passenger Journey Miles	96.7	99.6
Average Tons per Loaded Fr. Car	23.6	27.1
Av. Fr. Receipt per Rev.Ton Mile	1.245¢	1.032¢
Av. Passenger Receipt per Pass. per Mile	2.659¢	2.778¢
Ratio of Pay Roll to Operating Revenues	55.2%	50.4%
Ratio of Pay Roll to Operating Expenses	63.1%	60.2%
Ratio of Operating Expenses to Revenues	87.58%	83.69%

* Contains a proportion of mixed train miles.

CANADIAN NATIONAL SYSTEM
(Steam Lines in Canada & United States)

For the Month of June, 1925 - 1924

OPERATING REVENUES

	<u>1925</u>	<u>1924</u>
Canadian Lines	\$15,166,025.48	\$17,081,935.80
Duluth, Winnipeg & Pacific	164,402.00	150,040.00
Grand Trunk Western Lines	2,685,103.00	2,286,533.00
New England lines	189,131.52	159,558.20
Total	18,204,662.00	19,678,067.00

OPERATING EXPENSES

Canadian Lines	\$16,157,789.11	\$18,056,067.18
Duluth, Winnipeg & Pacific	166,162.94	183,454.44
Grand Trunk Western Lines	2,065,698.29	2,122,964.49
New England Lines	247,387.78	241,965.82
Total	18,637,038.12	20,604,449.93

NET OPERATING REVENUES

Canadian Lines	Dr. \$991,763.63	Dr. \$974,131.38
Duluth, Winnipeg & Pacific	Dr. 1,760.94	Dr. 33,414.44
Grand Trunk Western Lines	619,404.71	163,568.51
New England Lines	Dr. 58,256.26	Dr. 82,405.62
Total	Dr. 432,376.12	Dr. 926,382.93

OPERATING INCOME

Canadian Lines	Dr. \$875,601.04	Dr. \$859,916.39
Duluth, Winnipeg & Pacific	Dr. 3,582.25	Dr. 32,849.68
Grand Trunk Western Lines	233,913.74	Dr. 259,241.60
New England Lines	Dr. 130,895.40	Dr. 147,060.87
Total	Dr. 776,164.95	Dr. 1,299,068.54

SUMMARY

Six Months ended June 30th

	<u>1925</u>	<u>1924</u>
<u>ALL RAILWAYS</u>		
Operating Revenues	\$191,387,023.35	\$210,485,546.57
Operating Expenses	176,048,119.16	193,866,868.69
Net Operating Revenues	15,338,904.19	16,618,677.88
Operating Income	12,645,826.61	14,394,815.10

CANADIAN NATIONAL RAILWAY

Operating Revenues - Canadian Lines	\$88,207,494.05	\$97,063,013.01
United States Lines	17,336,248.95	17,799,544.99
Total	105,543,743.00	114,862,558.00
Operating Expenses - Canadian Lines	\$87,855,288.27	\$97,073,562.12
United States Lines	13,946,108.90	15,159,565.94
Total	101,801,397.17	112,233,128.06
Net Operating Revenue - Canadian Lines	\$ 352,205.78	Dr. \$ 10,549.11
United States Lines	3,390,140.05	2,639,979.05
Total	3,742,345.83	2,629,429.94
Operating Income - Canadian Lines	\$1,028,095.77	418,922.15
United States Lines	508,234.69	Dr. 387,964.48
Total	1,536,330.46	30,957.67

CANADIAN PACIFIC RAILWAY

Operating Revenues	\$74,399,843.96	\$83,337,822.63
Operating Expenses	66,842,172.02	73,768,262.67
Net Operating Revenues	7,557,671.94	9,569,559.96
Operating Income	7,797,646.05	10,390,084.66

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