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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

DECEMBER

1926

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Published by authority of the Hon. James Malcolm, M. P.,  
Minister of Trade and Commerce

♦ ♦ ♦

OTTAWA

1927

Printed by the

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THE UNIVERSITY OF CHICAGO

CHICAGO, ILL.

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DEPARTMENT OF TRADE AND COMMERCE  
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 DECEMBER, 1926

The railways as a whole showed a decrease in gross revenues of \$1,182,847, or 2.7 per cent. Passenger traffic and revenues were heavier, but freight traffic was lighter by 13.3 per cent and freight revenues decreased by \$2,338,592, or 6.9 per cent. With an increase in operating expenses of \$1,955,993, net operating revenues were reduced by \$5,138,840. The early closing of navigation on the lakes and light movement of grain, compared with the exceedingly heavy movement in December 1925, were the main factors in the unfavourable comparison.

The average car loading was reduced by 2.6 tons and the average train loading was lighter by 128.5 gross tons, of which 93.6 was revenue tonnage. The lighter grain traffic affected the average haul which was reduced by 52.7 miles and the average receipts per ton per mile which increased from .811 cent to .935 cent.

THE CANADIAN NATIONAL RAILWAYS earned \$20,389,307 in December, which was only \$41,530 less than in December 1925, when the road had an exceptionally heavy freight movement, especially grain. Maintenance of way and structures expenses were 10 per cent heavier than in 1925 but maintenance of equipment was reduced by \$626,150, or 14.5 per cent. Total operating expenses were reduced by \$347,873 and the net operating revenues were increased by \$306,342.

Freight traffic showed a drop of 14.3 per cent. Evidently this was principally in grain and other low class freight as the average revenue per ton mile increased from .811 to .927 cent, or 14 per cent. The revenue per freight train mile also increased by 10 cents per mile. Passenger traffic was lighter and so were passenger revenues and the average earnings per passenger train mile.

The lines in the United States showed decreases in both gross and net revenues, which more than offset the increase made by the Canadian Lines, the net revenue for the entire system being \$5,031,564, or \$316,645 less than for December, 1925.

CANADIAN PACIFIC RAILWAY- The decrease in gross revenues of \$2,031,654, or 10.3 per cent, compared with gross revenues in December 1925, was affected by the exceptionally high revenues in 1925 which were higher than for any other month of 1925. The seasonal decline in 1926 from November's gross revenues was 27 per cent, as against declines of 22 per cent and 19 per cent respectively in 1924 and 1923.



Freight traffic fell off 28 per cent and freight revenues dropped \$2,444,825, or 16.5 per cent, the big increase being in the western grain traffic which in December, 1925, was heavier than in November or October and approximately twice as heavy as in December, 1926. Passenger revenues increased by \$299,522, or 10.2 per cent with an increase of 16.2 per cent in the number of passengers and 5.5 per cent in passenger miles.

Operating expenses were heavier than in 1925 by \$908,176, or 6.7 per cent and were heavier than for any other month in 1926, 1925 and 1924. The largest increases were in maintenance of way and structures and of equipment; transportation expenses showed an increase of \$151,521, or 2.3 per cent despite a decrease of 28 per cent in freight traffic and of 4.5 per cent in total train miles.

The freight train loading was light, being 1204.7 gross tons as against 1380.8 gross tons in December, 1925, and 1433.6 gross tons in November, 1926; and revenues per train mile also declined from \$5.11 to \$4.70. The effect of the small grain traffic was shown in the average load per car mile, which dropped from 33.5 tons to 29.4 tons. The heavy loading of grain cars and the exceedingly long haul (over 775 miles) both affect the average load per loaded car mile and the latter is the larger factor.

14/3/27/GA

## OPERATING REVENUES, EXPENSES &amp; STATISTICS

## STEAM RAILWAYS OF CANADA

WITH ANNUAL OPERATING REVENUES OF \$500,000

For the Month of December, 1926

|   | 1926            | 1925             |
|---|-----------------|------------------|
| <u>OPERATING REVENUES</u>                       |                 |                  |
| Freight   | \$31,467,110.93 | \$33,805,703.36  |
| Passenger                                       | 7,233,157.41    | 6,343,024.36     |
| Mail  | 759,792.46      | 726,505.85       |
| Express   | 2,113,697.86    | 2,234,218.16     |
| Other Freight train                             | 1,929.31        | 3,325.65         |
| Other passenger train                           | 540,540.62      | 520,507.74       |
| Water line                                      | 146,887.41      | 192,289.99       |
| All other                                       | 1,001,703.14    | 622,091.85       |
| Total Railway Operating Revenues                | 43,264,813.14   | 44,447,666.76    |
| <u>OPERATING EXPENSES</u>                       |                 |                  |
| Maint. of way and structures                    | \$5,860,557.53  | \$4,899,379.01   |
| Maint. of equipment                             | 9,121,216.75    | 9,790,118.69     |
| Traffic   | 1,611,017.31    | 1,331,060.70     |
| Transportation                                  | 17,217,672.14   | 15,727,803.96    |
| Miscellaneous operations                        | 430,625.21      | 388,840.48       |
| General   | 914,424.05      | 1,031,254.05     |
| Trans. for investment                           | Cr. 86,381.56   | Cr. 55,318.55    |
| Total Railway Operating Expenses                | 35,069,131.43   | 33,113,138.34    |
| <u>OPERATING INCOME</u>                         |                 |                  |
| Net operating revenue                           | \$8,195,687.71  | \$11,334,528.42  |
| Railway tax accruals                            | 2,224,815.21    | 1,901,023.12     |
| Uncollectable revenues                          | 710.50          | 996.45           |
| Hire of equipment                               | Dr. 349,319.85  | Cr. 1,507,453.49 |
| Joint facilities rents                          | Cr. 111,783.02  | Cr. 1,166,772.81 |
| Operating Income                                | 5,732,625.17    | 12,106,735.15    |
| <u>OPERATING STATISTICS</u>                     |                 |                  |
| Average miles of road operated                  | 39,352.38       | 39,101.81        |
| No. of tons carried (Rev. Fr.)                  | 10,282,622      | 10,967,980       |
| No. of tons carried one mile " "                | 3,365,137,409   | 4,188,172,640    |
| No. of tons carried one mile (All Fr.)          | 3,640,515,997   | 4,451,157,695    |
| Gross ton miles, excl. of Loco. & Tender        | 7,854,061,202   | 8,131,428,184    |
| No. of revenue pass. carried                    | 3,701,838       | 3,472,513        |
| No. of revenue pass. carried one mile           | 249,941,203     | 247,259,720      |
| # Freight train miles                           | 6,309,608       | 6,649,390        |
| # Passenger train miles                         | 4,047,070       | 3,860,487        |
| Total train miles (Rev. & Non Rev.)             | 10,542,097      | 10,613,146       |
| Freight car miles-loaded                        | 132,925,639     | 148,332,719      |
| Freight car miles-empty                         | 68,430,830      | 85,671,546       |
| Passenger train car miles                       | 29,456,491      | 27,916,512       |
| Total amount of pay-roll                        | \$20,263,243.97 | \$19,248,346.98  |
| Number of employees                             | 154,393         | 149,162          |
| <u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u> |                 |                  |
| Operating revenue                               | \$55.47         | \$36.67          |
| Operating expenses                              | \$28.75         | \$27.32          |
| No. of tons moved one mile (Rev. Fr.)           | 2,759           | 3,439            |
| No. of tons moved one mile (All Fr.)            | 2,985           | 3,672            |
| No. of rev. passengers carried one mile         | 205             | 204              |
| <u># AVERAGES PER FREIGHT TRAIN MILE</u>        |                 |                  |
| Freight revenue                                 | \$4.99          | \$5.08           |
| No. of tons of freight (Rev. Fr.)               | 533.3           | 626.9            |
| No. of tons of freight (All Fr.)                | 577.0           | 669.4            |
| Gross ton miles                                 | 1244.8          | 1373.3           |
| Loaded freight cars                             | 21.1            | 22.3             |
| Empty freight cars                              | 10.8            | 12.9             |
| <u># AVERAGES PER PASSENGER TRAIN MILE</u>      |                 |                  |
| Passenger train revenues                        | \$2.63          | \$2.54           |
| Passengers carried                              | 61.8            | 64.0             |
| Passenger cars                                  | 7.3             | 7.2              |
| Average operating expenses per train mile       | \$3.33          | \$3.12           |
| Average length of haul (Rev. Fr.) Miles         | 327.3           | 380.0            |
| Average passenger journey Miles                 | 67.5            | 71.2             |
| Average tons per loaded freight car mile        | 27.4            | 30.0             |
| Av. Freight receipt per rev. ton mile           | .935¢           | .811¢            |
| Av. passenger receipt per pass. per mile        | 2.894¢          | 2.565¢           |
| Ratio of pay roll to operating revenues         | 46.8%           | 43.3%            |
| Ratio of operating expenses to revenues         | 81.06%          | 74.50%           |

# Contains a proportion of mixed train miles.



## OPERATING REVENUES, EXPENSES &amp; STATISTICS

## CANADIAN NATIONAL RAILWAYS

For the Month of December, 1926

1926

1925

## OPERATING REVENUES

|                                  |                 |                 |
|----------------------------------|-----------------|-----------------|
| Freight                          | \$15,408,470.69 | \$15,725,964.24 |
| Passenger                        | 3,072,170.12    | 3,156,510.71    |
| Mail                             | 322,249.66      | 293,875.37      |
| Express                          | 1,339,530.32    | 1,219,508.02    |
| Other Freight Train              | -               | -               |
| Other Passenger Train            | 217,430.28      | 248,657.97      |
| Water Line                       | -               | -               |
| All Other                        | 29,456.76       | Dr. 213,677.65  |
| Total Railway Operating Revenues | 20,389,307.83   | 20,430,838.66   |

## OPERATING EXPENSES

|                                  |                |                |
|----------------------------------|----------------|----------------|
| Maint. of way and structures     | \$2,302,039.35 | \$2,092,526.93 |
| Maint. of equipment              | 3,697,840.00   | 4,323,990.59   |
| Traffic                          | 611,530.56     | 487,165.12     |
| Transportation                   | 8,780,597.61   | 8,727,671.21   |
| Miscellaneous operations         | 179,360.84     | 153,873.97     |
| General                          | 454,839.75     | 557,536.49     |
| Trans. for investment            | Cr. 84,629.41  | Cr. 53,312.72  |
| Total Railway Operating Expenses | 15,941,578.70  | 16,289,451.59  |

## OPERATING INCOME

|                        |                |                |
|------------------------|----------------|----------------|
| Net Operating revenue  | \$4,447,729.13 | \$4,141,387.07 |
| Railway tax accruals   | 330,523.62     | 322,895.54     |
| Uncollectable revenues | 546.34         | 2,301.20       |
| Hire of equipment      | Dr. 349,860.04 | Cr. 66,413.58  |
| Joint facilities rents | Cr. 59,527.38  | Cr. 49,761.81  |
| Operating income       | 3,826,326.51   | 3,932,365.72   |

## OPERATING STATISTICS

|  |               |               |
|--|---------------|---------------|
| Average miles of road operated           | 20,859.58     | 20,854.38     |
| No. of tons carried (Rev.Fr.)            | 4,134,644     | 4,367,864     |
| No. of tons carried one mile " "         | 1,661,964,587 | 1,938,686,603 |
| No. of tons carried one mile (All Fr.)   | 1,808,524,835 | 2,078,012,363 |
| Gross ton miles, excl. of loco. & Tender | 3,881,346,582 | 4,376,066,017 |
| No. of revenue pass. carried             | 1,933,290     | 1,887,638     |
| No. of rev. pass. carried one mile       | 112,419,944   | 114,614,124   |
| # Freight train miles                    | 3,020,941     | 3,142,735     |
| # Passenger train miles                  | 1,921,426     | 1,774,681     |
| Total train miles (Rev. & Non-Rev.)      | 5,060,060     | 4,983,821     |
| Freight car miles-loaded                 | 66,048,376    | 71,699,445    |
| Freight car miles-empty                  | 33,645,843    | 41,948,357    |
| Passenger train car miles                | 13,512,363    | 12,670,605    |
| Total amount of pay roll                 | \$10,975,531  | \$10,503,707  |
| Number of employees                      | 85,877        | 83,589        |

## DAILY AVERAGES PER MILE OF ROAD OPERATED

|                                      |         |         |
|--------------------------------------|---------|---------|
| Operating revenue                    | \$31.53 | \$31.60 |
| Operating expenses                   | \$24.65 | \$25.20 |
| No. of tons moved one mile (Rev.Fr.) | 2,571   | 2,999   |
| No. of tons moved one mile (All Fr.) | 2,797   | 3,214   |
| No. of rev. pass. carried one mile   | 174     | 177     |

## # AVERAGES PER FREIGHT TRAIN MILE

|                                  |        |        |
|----------------------------------|--------|--------|
| Freight revenue                  | \$5.10 | \$5.00 |
| No. of tons of freight (Rev.Fr.) | 550.1  | 616.9  |
| No. of tons of freight (All Fr.) | 598.7  | 661.2  |
| Gross ton miles                  | 1284.8 | 1392.4 |
| Loaded freight cars              | 21.9   | 22.8   |
| Empty freight cars               | 11.1   | 13.3   |

## # AVERAGES PER PASSENGER TRAIN MILE

|   |        |        |
|---|--------|--------|
| Passenger train revenues                  | \$2.58 | \$2.77 |
| Passengers carried                        | 58.5   | 64.6   |
| Passenger cars                            | 7.0    | 7.1    |
| Average operating expenses per train mile | \$3.15 | \$3.27 |
| Average length of haul (Rev.Fr.) Miles    | 402.0  | 443.9  |
| Average passenger journey Miles           | 58.1   | 60.7   |
| Average tons per loaded fr. car mile      | 27.4   | 29.0   |
| Av. freight receipt per rev. ton mile     | .927¢  | .811¢  |
| Av. passenger receipt per pass. per mile  | 2.733¢ | 2.754¢ |
| Ratio of pay roll to operating revenues   | 53.8%  | 51.4%  |
| Ratio of operating expenses to revenues   | 78.19% | 79.73% |

# Contains a proportion of mixed train miles.



## OPERATING REVENUES, EXPENSES &amp; STATISTICS

## CANADIAN PACIFIC RAILWAY

For the month of December, 1926

|   | 1926            | 1925            |
|---|-----------------|-----------------|
| <u>OPERATING REVENUES</u>                       |                 |                 |
| Freight   | \$12,398,927.13 | \$14,843,753.24 |
| Passenger                                       | 3,222,082.94    | 3,922,560.48    |
| Mail  | 376,753.78      | 367,605.26      |
| Express   | 447,613.24      | 441,741.65      |
| Other Freight Train                             | 666.12          | 3,261.99        |
| Other Passenger Train                           | 283,508.80      | 250,799.10      |
| Water line                                      | 113,270.65      | 166,086.08      |
| All other                                       | 800,039.04      | 678,708.98      |
| Total Railway Operating Revenues                | 17,642,861.70   | 19,674,515.76   |
| <u>OPERATING EXPENSES</u>                       |                 |                 |
| Maint. of way and structures                    | \$2,880,916.48  | \$2,492,274.36  |
| Maint. of equipment                             | 3,539,646.71    | 3,236,385.57    |
| Traffic   | 917,894.81      | 817,253.05      |
| Transportation                                  | 6,706,593.86    | 6,555,071.96    |
| Miscellaneous operations                        | 200,530.23      | 186,770.68      |
| General   | 278,321.74      | 267,971.66      |
| Trans. for investment                           | --              | --              |
| Total Railway Operating Expenses                | 14,523,903.83   | 13,615,727.28   |
| <u>OPERATING INCOME</u>                         |                 |                 |
| Net operating revenue                           | \$3,118,957.87  | \$6,058,788.48  |
| Railway tax accruals                            | 1,821,203.14    | 1,537,168.65    |
| Uncollectable revenues                          | --              | --              |
| Hire of equipment                               | Cr. 249,499.28  | Cr. 301,263.66  |
| Joint facilities rents                          | Cr. 68,934.81   | Cr. 3,308.54    |
| Operating Income                                | 1,616,182.82    | 4,826,792.03    |
| <u>OPERATING STATISTICS</u>                     |                 |                 |
| Average Miles of road operated                  | 14,004.0        | 13,761.0        |
| No. of tons carried (Rev.Fr.)                   | 3,012,369       | 3,904,825       |
| No. of tons carried one mile " "                | 1,412,706,028   | 1,962,678,868   |
| No. of tons carried one mile (All Fr.)          | 1,539,766,381   | 2,100,657,515   |
| Gross ton miles, excl. of Loco. & Tender        | 3,177,635,752   | 4,010,495,450   |
| No. of revenue pass. carried                    | 1,242,149       | 1,068,598       |
| No. of revenue pass. carried one mile           | 106,993,802     | 101,407,159     |
| # Freight Train miles                           | 2,637,642       | 2,904,375       |
| # Passenger train miles                         | 1,617,365       | 1,586,611       |
| Total train miles (Rev. & Non Rev.)             | 4,305,073       | 4,519,122       |
| Freight car miles-loaded                        | 52,329,058      | 62,644,896      |
| Freight car miles-empty                         | 25,748,578      | 37,359,734      |
| Passenger train car miles                       | 12,179,915      | 11,618,001      |
| Total amount of pay-roll                        | \$7,566,257.80  | \$7,051,373.64  |
| Number of employees                             | 55,921          | 53,493          |
| <u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u> |                 |                 |
| Operating revenue                               | \$40.64         | \$46.12         |
| Operating expenses                              | \$33.46         | \$31.92         |
| No. of tons moved one mile (Rev.Fr.)            | 3,254           | 4,601           |
| No. of tons moved one mile (All Fr.)            | 3,547           | 4,924           |
| No. of rev. pass. carried one mile              | 246             | 238             |
| <u># AVERAGES PER FREIGHT TRAIN MILE</u>        |                 |                 |
| Freight revenue                                 | \$4.70          | \$5.11          |
| No. of tons of freight (Rev.Fr.)                | 535.6           | 675.8           |
| No. of tons of freight (All Fr.)                | 583.8           | 723.3           |
| Gross ton miles                                 | 1204.7          | 1380.8          |
| Loaded freight cars                             | 19.8            | 21.6            |
| Empty freight cars                              | 9.8             | 12.9            |
| <u># AVERAGES PER PASSENGER TRAIN MILE</u>      |                 |                 |
| Passenger train revenues                        | \$2.68          | \$2.51          |
| Passengers carried                              | 66.2            | 63.9            |
| Passenger cars                                  | 7.5             | 7.3             |
| Average Operating expenses per train mile       | \$3.37          | \$3.01          |
| Average length of haul (Rev.Fr.) Miles          | 469.0           | 502.6           |
| Average passenger journey Miles                 | 86.1            | 94.9            |
| Average tons per loaded freight car mile        | 29.4            | 33.5            |
| Av. Freight receipt per rev. ton mile           | .878¢           | .756¢           |
| Av. passenger receipt per pass. per mile        | 3.011¢          | 2.882¢          |
| Ratio of pay roll to operating revenues         | 42.9%           | 35.8%           |
| Ratio of operating expenses to revenues         | 82.32%          | 69.20%          |

# Contains a proportion of mixed train miles.





CANADIAN NATIONAL SYSTEM

(Steam Lines in Canada & United States)

For the Month of December, 1926-1925

OPERATING REVENUES

|                              | <u>1926</u>       | <u>1925</u>       |
|------------------------------|-------------------|-------------------|
| Canadian Lines               | \$20,389,307.83   | \$20,430,838.66   |
| Duluth, Winnipeg and Pacific | 227,764.30        | 206,291.69        |
| Grand Trunk Western Lines    | 2,431,652.18      | 2,834,456.55      |
| New England Lines            | <u>284,115.23</u> | <u>380,083.71</u> |
| Total                        | 23,332,837.54     | 23,851,670.61     |

OPERATING EXPENSES

|                              |                   |                   |
|------------------------------|-------------------|-------------------|
| Canadian Lines               | \$15,941,578.70   | \$16,269,451.59   |
| Duluth, Winnipeg and Pacific | 33,837.05         | 169,112.21        |
| Grand Trunk Western Lines    | 1,805,213.77      | 1,816,394.00      |
| New England Lines            | <u>222,643.40</u> | <u>228,502.86</u> |
| Total                        | 18,301,272.92     | 18,503,460.66     |

NET OPERATING REVENUES

|                              |                  |                   |
|------------------------------|------------------|-------------------|
| Canadian Lines               | \$4,447,729.13   | \$4,141,387.07    |
| Duluth, Winnipeg and Pacific | Dr. 106,072.75   | 37,179.48         |
| Grand Trunk Western Lines    | 628,438.41       | 1,018,062.55      |
| New England Lines            | <u>61,469.83</u> | <u>151,580.85</u> |
| Total                        | 5,031,564.62     | 5,348,209.95      |

OPERATING INCOME

|                              |                     |                   |
|------------------------------|---------------------|-------------------|
| Canadian Lines               | \$3,828,326.51      | \$3,932,365.72    |
| Duluth, Winnipeg and Pacific | Dr. 100,650.15      | 21,866.27         |
| Grand Trunk Western Lines    | 388,094.98          | 648,602.44        |
| New England Lines            | <u>Dr. 9,374.89</u> | <u>108,671.91</u> |
| Total                        | 4,104,396.45        | 4,711,506.34      |

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