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**DOMINION BUREAU OF STATISTICS**  
**TRANSPORTATION AND PUBLIC UTILITIES BRANCH**  
**OTTAWA**

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Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

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**OPERATING REVENUES, EXPENSES & STATISTICS**  
**RAILWAYS IN CANADA**  
**WITH ANNUAL OPERATING REVENUES OF**  
**\$500,000 OR OVER**

FOR TWELVE MONTHS ENDED DECEMBER 31, 1937

Canadian railways earned \$351,342,536 in 1937 as against \$331,510,433 in 1936. This was an increase of \$19,832,103, or 6.0 per cent. Comparing the revenues of each month with those of the corresponding month in the previous year there have been increases recorded each month since July, 1935, with only two exceptions, viz., September and December, 1937.

Operating expenses have shown an unbroken line of increases since January, 1934, and the total for 1937 was \$298,266,337, as against \$281,618,561 for 1936. This increase of \$16,647,775 was less than the increase in revenues and the operating income increased from \$37,056,218 to \$39,006,400, or by \$1,950,181.

Freight traffic was only slightly heavier than in 1936, revenue ton miles increasing by 1.9 per cent, but the revenue per ton mile increased from 0.962 cent to 0.997 cent and produced an increase in freight revenues of \$14,297,547, or 5.6 per cent. Passenger miles increased by 11.7 per cent and passenger revenues by 8.4 per cent. The total pay roll increased from \$174,457,669 in 1936 to \$184,553,535, or by \$10,095,865 or 5.8 per cent, and the number of employees (monthly average) increased from 125,032 to 125,302, or by 270. This is exclusive of relief labour engaged for six and seven months in 1936 by the Canadian National, Canadian Pacific and Northern Alberta railways which, averaged over the year, amounted to 3,344 employees and a pay roll for these of \$2,496,077 which was not included in the railways' pay roll or operating expenses but was paid by the Dominion Government.

CANADIAN NATIONAL RAILWAYS: Canadian lines increased gross revenues from \$154,178,174 in 1936 to \$165,082,485, or by \$10,904,314 or 7.1 per cent. Operating expenses increased from \$145,081,184 to \$153,711,912, or by \$8,630,728, and the operating income increased from \$5,441,678 to \$7,571,404, or by \$2,129,726. Each of the United States lines showed increased gross revenues and all but the Grand Trunk Western showed improved operating income. The system gross revenues increased from \$186,610,489 to \$198,396,608, operating expenses increased from \$171,477,690 to \$180,788,858 and the operating income from \$7,206,142 to \$9,509,400, or by \$2,303,258.

CANADIAN PACIFIC RAILWAY COMPANY: Gross revenues for 1937 amounted to \$145,201,160 as against \$138,461,549 in 1936. Operating expenses increased from \$111,025,991 to \$117,069,540 and the operating income from \$23,311,110 to \$23,742,247, or by \$431,136.

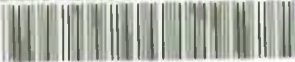
OPERATING REVENUES, EXPENSES AND STATISTICS OF CANADIAN RAILWAYS  
FOR TWELVE MONTHS ENDED DECEMBER 31, 1937

|   | ALL RAILWAYS     |                    | CANADIAN NATIONAL RAILWAYS |                  | CANADIAN PACIFIC RAILWAY CO. |                  |
|---|------------------|--------------------|----------------------------|------------------|------------------------------|------------------|
|   | 1937             | 1936               | 1937                       | 1936             | 1937                         | 1936             |
| <b>OPERATING REVENUES</b>                           |                  |                    |                            |                  |                              |                  |
| Freight   | \$267,871,611.63 | + \$253,574,063.77 | \$124,607,193.86           | \$116,786,625.78 | \$110,348,764.45             | \$105,439,231.67 |
| Passenger   | 38,419,476.67    | 35,436,501.00      | 17,271,197.15              | 15,579,734.95    | 16,463,962.76                | 15,539,338.07    |
| Mail  | 7,046,062.33     | 6,904,518.93       | 2,951,514.94               | 2,851,539.71     | 3,596,176.84                 | 3,580,835.81     |
| Express   | 13,134,219.92    | 12,608,747.40      | x 9,018,698.77             | x 8,600,769.31   | 3,141,411.97                 | 3,037,798.57     |
| Other freight train                                 | ...              | ...                | ...                        | ...              | ...                          | ...              |
| Other passenger train                               | 4,373,273.91     | 4,075,013.48       | 1,681,497.16               | 1,549,322.69     | 2,606,551.56                 | 2,396,904.23     |
| Water line  | 1,366,533.41     | 1,233,582.02       | ...                        | ...              | 891,654.80                   | 762,052.13       |
| All other   | 19,131,359.06    | 17,678,007.13      | 9,552,386.73               | 8,810,181.94     | 8,152,638.50                 | 7,705,389.11     |
| Total railway operating revenues                    | 351,342,536.93   | + 331,510,433.73   | x165,082,488.61            | x154,178,174.38  | 145,201,160.88               | 138,461,549.59   |
| <b>OPERATING EXPENSES</b>                           |                  |                    |                            |                  |                              |                  |
| Maintenance of way and structures                   | \$57,371,309.43  | \$59,612,347.88    | \$30,821,221.69            | \$33,201,768.07  | \$20,798,482.90              | \$21,469,247.54  |
| Maintenance of equipment                            | 73,727,020.29    | 64,320,571.15      | 38,217,767.57              | 32,461,109.72    | 28,885,921.44                | 25,612,193.59    |
| Traffic   | 12,251,741.95    | 12,023,422.25      | 4,233,008.81               | 4,071,833.94     | 7,204,863.80                 | 7,154,600.73     |
| Transportation                                      | 137,549,738.14   | 129,502,192.23     | 72,628,444.04              | 67,969,154.73    | 52,536,171.01                | 49,846,814.16    |
| Miscellaneous operations                            | 3,893,174.77     | 3,403,127.37       | 1,175,866.17               | 1,040,701.71     | 2,204,945.01                 | 1,928,172.72     |
| General   | 14,100,692.53    | 13,471,051.06      | 7,063,795.85               | 6,801,044.56     | 5,624,690.71                 | 5,247,143.51     |
| Trans. for investment                               | Cr. 627,339.48   | Cr. 714,150.27     | Cr. 428,191.32             | Cr. 464,428.48   | Cr. 185,533.88               | Cr. 232,180.49   |
| Total railway operating expenses                    | 298,266,337.63   | 281,618,561.67     | 153,711,912.81             | 145,081,184.25   | 117,069,540.99               | 111,025,991.76   |
| <b>OPERATING INCOME</b>                             |                  |                    |                            |                  |                              |                  |
| Net operating revenue                               | \$53,076,199.30  | + \$49,891,872.06  | \$11,370,575.80            | \$9,096,990.13   | \$28,131,619.89              | \$27,435,557.83  |
| Railway tax accruals                                | 9,704,025.16     | 9,492,989.18       | 4,057,303.92               | 4,093,473.88     | 4,273,769.60                 | 4,225,660.07     |
| Uncollectable revenues                              | ...              | ...                | ...                        | ...              | ...                          | ...              |
| Hire of equipment                                   | Dr. 3,155,731.12 | Dr. 2,118,418.93   | Cr. 223,212.32             | Cr. 449,933.91   | Cr. 450,224.33               | Cr. 697,391.42   |
| Joint facilities rents                              | Dr. 1,210,042.94 | Dr. 1,224,245.84   | Cr. 34,920.65              | Dr. 11,772.14    | Dr. 565,827.59               | Dr. 596,178.25   |
| Operating income                                    | 39,006,400.08    | + 37,056,218.11    | 7,571,404.85               | 5,441,678.02     | 23,742,247.03                | 23,311,110.93    |
| <b>OPERATING STATISTICS</b>                         |                  |                    |                            |                  |                              |                  |
| Average miles of road operated                      | 42,816.23        | 42,736.88          | 21,893.59                  | 21,791.82        | 17,222.7                     | 17,240.9         |
| No. of tons carried (Rev.Fr.)                       | 89,222,498       | + 81,853,618       | 36,121,525                 | 32,784,270       | 29,842,861                   | 27,985,478       |
| No. of tons carried one mile " "                    | 26,872,267.687   | 26,366,898.052     | 12,541,362.983             | 12,380,642.649   | 11,602,289.022               | 11,424,147.055   |
| No. of tons carried one mile (All Fr.)              | 30,045,996.467   | 29,510,179.759     | 14,327,365.502             | 14,101,245.498   | 12,921,095.453               | 12,784,001.125   |
| Gross ton miles, exclusive of locomotive and tender | 72,843,519,000   | + 70,069,562,000   | 34,663,122,610             | 33,293,055,963   | 29,748,119,767               | 28,661,722,320   |

|   |                  |                    |               |               |                 |                 |
|---|------------------|--------------------|---------------|---------------|-----------------|-----------------|
| No. of revenue passengers carried                 | 20,669,432       | 19,242,378         | 10,203,408    | 9,550,558     | 7,820,721       | 7,387,406       |
| No. of rev. passengers carried one mile           | 1,907,350,031    | 1,706,853,283      | 871,190,670   | 765,501,722   | 826,378,066     | 759,113,574     |
| Freight train miles                               | 51,933,137       | + 49,724,946       | 25,254,400    | 23,891,572    | 21,155,738      | 20,417,331      |
| Passenger train miles                             | 36,182,336       | + 34,819,617       | 16,672,837    | 15,837,889    | 16,538,292      | 16,189,566      |
| Total train miles (Rev. & Non Rev.)               | 89,638,527       | 87,276,296         | 42,903,099    | 41,462,819    | 38,135,906      | 37,457,224      |
| Freight car miles - loaded                        | 1,258,287,291    | 1,193,896,166      | 604,408,842   | 570,045,647   | 504,326,272     | 478,377,179     |
| Freight car miles - empty                         | 570,184,404      | 550,958,269        | 258,555,150   | 248,870,659   | 234,238,847     | 226,741,842     |
| Passenger train car miles                         | 288,631,961      | 272,348,766        | 136,454,546   | 126,992,391   | 123,799,117     | 118,811,405     |
| Total amount of pay roll                          | \$184,553,535.45 | + \$174,457,669.74 | \$ 99,964,873 | \$ 94,353,513 | \$71,944,021.06 | \$68,540,005.24 |
| Number of employees                               | 125,302          | + 125,032          | 69,291        | 68,951        | 48,177          | 48,633          |
| Payroll chargeable to railway operating expenses  | \$174,900,369.37 | + \$165,770,834.68 | \$ 92,168,212 | \$ 86,940,636 | \$70,741,755.87 | \$67,806,168.02 |
| <b>DAILY AVERAGES PER MILE OF ROAD OPERATED</b>   |                  |                    |               |               |                 |                 |
| Operating revenue                                 | \$22.48          | \$21.19            | \$20.66       | \$19.33       | \$23.10         | \$21.94         |
| Operating expenses                                | \$19.09          | \$18.00            | \$19.24       | \$18.19       | \$18.62         | \$17.59         |
| No. of tons moved one mile (Rev.Fr.)              | 1,720            | 1,686              | 1,569         | 1,552         | 1,846           | 1,810           |
| No. of tons moved one mile (All Fr.)              | 1,923            | 1,887              | 1,793         | 1,768         | 2,055           | 2,026           |
| No. of rev. passengers carried one mile           | 122              | 109                | 109           | 96            | 131             | 120             |
| <b>AVERAGES PER FREIGHT TRAIN MILE</b>            |                  |                    |               |               |                 |                 |
| Freight revenue                                   | \$5.16           | \$5.10             | \$4.93        | \$4.89        | \$5.22          | \$5.16          |
| No. of tons of freight (Rev.Fr.)                  | 517.4            | 530.3              | 496.6         | 518.2         | 548.4           | 559.5           |
| No. of tons of freight (All Fr.)                  | 578.6            | 593.5              | 567.3         | 590.2         | 610.8           | 626.1           |
| Gross ton miles                                   | 1402.6           | 1409.1             | 1372.6        | 1393.7        | 1406.1          | 1403.8          |
| Loaded freight cars                               | 24.2             | 24.0               | 23.9          | 23.9          | 23.8            | 23.4            |
| Empty freight cars                                | 11.0             | 11.1               | 10.2          | 10.4          | 11.1            | 11.1            |
| <b>AVERAGES PER PASSENGER TRAIN MILE</b>          |                  |                    |               |               |                 |                 |
| Passenger train revenues                          | \$1.74           | \$1.70             | x \$1.85      | x \$1.80      | \$1.56          | \$1.52          |
| Passengers carried                                | 52.7             | 49.0               | 52.3          | 48.3          | 50.0            | 46.9            |
| Passenger cars                                    | 8.0              | 7.8                | 8.2           | 8.0           | 7.5             | 7.3             |
| Average operating expenses per train mile         | \$3.33           | \$3.23             | \$3.58        | \$3.50        | \$3.07          | \$2.97          |
| Average length of haul (Rev.Fr.) Miles            | 301.2            | 322.1              | 347.2         | 377.6         | 388.8           | 408.2           |
| Average passenger journey Miles                   | 92.3             | 88.7               | 85.4          | 80.2          | 105.7           | 102.8           |
| Average tons per loaded freight car mile          | 23.9             | 24.7               | 23.7          | 24.7          | 25.6            | 26.7            |
| Average freight receipt per revenue ton mile      | .997¢            | .962¢              | .994¢         | .943¢         | .951¢           | .923¢           |
| Average passenger receipt per passenger per mile  | 2.014¢           | 2.076¢             | 1.982¢        | 2.035¢        | 1.992¢          | 2.047¢          |
| Ratio of operating pay roll to operating revenues | 49.8%            | 50.0%              | 55.8%         | 56.4%         | 48.7%           | 49.0%           |
| Ratio of operating expenses to revenues           | 84.89%           | 84.95%             | 93.11%        | 94.10%        | 80.63%          | 80.19%          |

+ - Revised.

x - Includes gross express revenue.



1010552970

CANADIAN NATIONAL SYSTEM

(Steam Lines in Canada and United States)

For Twelve Months ended December 31, 1937

| <u>OPERATING REVENUES</u>                    |     | <u>1937</u>      | <u>1936</u>      |
|--|-----|------------------|------------------|
| Canadian Lines                               |     | \$165,082,488.61 | \$154,178,174.38 |
| Duluth, Winnipeg and Pacific Railway Company |     | 1,421,621.23     | 1,370,288.28     |
| Grand Trunk Western Railroad Company         |     | 24,209,640.65    | 23,800,123.45    |
| New England Lines                            |     | 1,439,135.00     | 1,356,327.00     |
| Central Vermont Railway, Inc.                |     | 6,243,723.12     | 5,905,576.27     |
| Total  |     | 198,396,608.61   | 186,610,489.38   |
| <u>OPERATING EXPENSES</u>                    |     |                  |                  |
| Canadian Lines                               |     | \$153,711,912.81 | \$145,081,184.25 |
| Duluth, Winnipeg and Pacific Railway Company |     | 1,159,766.38     | 1,103,947.76     |
| Grand Trunk Western Railroad Company         |     | 18,986,790.08    | 18,201,435.56    |
| New England Lines                            |     | 1,492,762.53     | 1,536,173.97     |
| Central Vermont Railway, Inc.                |     | 5,437,626.29     | 5,554,948.53     |
| Total  |     | 180,788,858.09   | 171,477,690.07   |
| <u>NET OPERATING REVENUES</u>                |     |                  |                  |
| Canadian Lines                               |     | \$11,370,575.80  | \$ 9,096,990.13  |
| Duluth, Winnipeg and Pacific Railway Company |     | 261,854.85       | 266,340.52       |
| Grand Trunk Western Railroad Company         |     | 5,222,850.57     | 5,598,687.89     |
| New England Lines                            | Dr. | 53,627.53        | Dr. 179,846.97   |
| Central Vermont Railway, Inc.                |     | 806,096.83       | 350,627.74       |
| Total  |     | 17,607,750.52    | 15,132,799.31    |
| <u>OPERATING INCOME</u>                      |     |                  |                  |
| Canadian Lines                               |     | \$7,571,404.85   | \$5,441,678.02   |
| Duluth, Winnipeg and Pacific Railway Company |     | 3,226.45         | Dr. 1,811.23     |
| Grand Trunk Western Railroad Company         |     | 2,377,787.35     | 2,620,613.44     |
| New England Lines                            | Dr. | 562,689.82       | Dr. 660,070.03   |
| Central Vermont Railway, Inc.                |     | 119,672.02       | Dr. 194,268.14   |
| Total  |     | 9,509,400.85     | 7,206,142.06     |