# $52-206$ <br> cx 2 <br> DOMINION BUREAU OF STATISERİCS: <br> OTTAWA - CANADA 

Published by Awthority of the Ri. Hom. C. D. Howe, Mixister of Trade and Commerce

Vol. 35

## Memorandum

## YEAR, 1955 <br> RAILWAY OPERATING STATISTICS <br> Operating Revenues, Expenses and statistics of 17 Rallways mainly with <br> Annual Operating Revenues aver $\$ 500,009$ )

## ALL 17 RAILWAYS:

Operating Revenues of the 17 railways included in this report totalled $\$ 1,184,-$ 300,079 in 1955 an increase of 8.9 p.c. from $\$ 1,087,382,540$ in 1954. The rise was accounted for by a substantial increase of $\$ 88$ million in freight revenue to $\$ 953,609,086$. Operating expenses rose 2.4 p.c. to $\$ 1,038,050,249$ from $\$ 1,014,182,370$ with general expenses increasing $\$ 10.3 \mathrm{million}$, and transportation costs up $\$ 7.2 \mathrm{million}$. revenue rose to $\$ 146,249,830$ nearly double the $\$ 73,200,170$ recorded in 1954. Operating income amounted to $\$ 93,930,084$ up 175.8 p.c. from $\$ 34,051,789$. Revenue freight carried rose 15.4 p.c. to $179,775,794$ tons from $155,747,382$ and freight ton miles increased to $65,837,-$ 336,000 from 57,674,283,000. There were almost exactly 27 million passengers carried down 4.2 p.c. from $28,172,757$ but longer average journeys caused passenger miles to rise 1.0 p.c. to $2,885,968,000$ from $2,857,102,000$. The average passenger trip rose from 101 to 107 miles. The total number of employees was down to 182,960 from 184,757 while payroll earnings increased to $\$ 593,293,150$ from $\$ 583,812,044$.

## CANADIAN NATIONAL RAILWAYS:

Canadian Lines: Operating revenues climbed 6.4 p.c. to $\$ 601,922,937$ from $\$ 565,551,866$ and operating expenses rose $0.5 \mathrm{p} . \mathrm{c}$. to $\$ 565,680,703$ from $\$ 562,688,494$. The result was a substantial increase in net operating revenue to $\$ 36,242,234$ from $\$ 2,863,372$.

The System including United States Lines: Revenues at $\$ 683,088,794$ were up 6.6 p.c. from $\$ 640,637,280$ and expenses rose 0.4 p.c. to $\$ 629,013,125$ from $\$ 626,465,374$ leaving a net operating revenue of $\$ 54,075,669$ as against $\$ 14,171,906$ one year earlier. Operating income increased greatly to $\$ 36,710,636$ from $\$ 639,487$.

## CANADIAN PACIFIC RAILWAY COMPANY:

Operating revenues at $\$ 448,598,491$ were up 6.1 p.c. from $\$ 422,642,423$ and operating expenses rose 2.0 p.c. to $\$ 383,927,466$ from $\$ 376,219,898$. Net operating expenses amounted to $\$ 64,671,025$ as against $\$ 46,422,525$ and net operating income amounted to $\$ 37,326,-$ 718 versus $\$ 27,032,926$. Revenue freight carried increased by $4,283,267$ tons to $58,489,144$ and freight ton miles rose $2,054,289,000$ to $25,722,631,000$. Revenue passengers carried numbered $9,543,843$ up 0.2 p.c. from $9,528,589$ and revenue passenger miles rose $3.8 \mathrm{p} . \mathrm{c}$. to $1,330,957,000$ from 1,282,242,000.

Prepared in the Transportation and Public Utilities Section

> Public Finance and Transportation Division

For the twelve months ended December 31, 1955.

|  | ALL | RAILWAYS | CANADIAN NA | TIONAL RAIIWAYS | CANADIAN PAC | $F I C$ RAILWAY CO. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1955 | 19544 | 1955 | 1954 | 1955 | 1954 |
| OPERATING REVENUES |  |  |  |  |  |  |
| Froight | \$ 953,609,086 | \$ 866,027,077 | \$ 467,843,833 | \$ 436,652,190 | \$ 368,042,418 | \$ 345, 822,589 |
| Passenger | $82,830,427$ | 81, 883, 390 | 40,327,729 | 40,336,355 | 37,463,434 | 36,117,957 |
| Mail | $14,475,660$ | $14,916,780$ | $6,999,479$ | 7,013,200 | $6,767,714$ | $6,961,048$ |
| Express |  |  |  | $\begin{array}{r} X \quad 36,430,464 \\ \hline \end{array}$ | $9,381,865$ | $8,781,218$ |
| Other passenger train | 12,268, 844 | 11,861,255 | 5,160,262 | 5,183, 373 | 6,943,387 | 6,481,504 |
| Water line | 4,364, 122 | 4,059,592 | 4,3,16, | , 0 , 936, - | 1,868,681 | 1,808,390 |
| All other | $66,914,696$ | 60,970,400 | $43,616,911$ | 39,936,284 | 18,130,992 | $16,669,717$ |
| Total Rallway Operating Revenues | 1,184, 300, 079 | 1,087,382,540 | X 601,922,937 | X 565,551,866 | 448,598,491 | 422,642,423 |
| OPERATING EXPENSES |  |  |  |  |  |  |
| Maintenance of way and structures | \$ 208,862,496 | \$ 204, 862,490 | \$ 113,302,128 | \$ 116,954,582 | \$ $70,780,885$ | \$ 70,347,495 |
| Meintenance of equipment | 225,577,664 | 225,854,078 | $117,164,697$ | 122,335,050 | $92,484,142$ | $89,588,238$ |
| Treffic | 23,711,298 | 22,750,821 | $11,191,112$ |  | $10,780,753$ | $10,002,030$ |
| Transportstion | 480,949,568 | 473,703, 320 | 269, 344, 859 | 267,676,557 | 173,960,501 | 172,264,186 |
| Miscellaneous operations | $17,867,101$ | 16,259,485 | 6,359,332 | 6,041,024 | 9,092,824 | 8,228,166 |
| General | $81,082,122$ | 70,752,176 | $48,318,575$ | $38,585,247$ | $26,828,361$ | 25,789,783 |
| Total Railway Operating Expenses | 1,038,050,249 | $1,014,182,370$ | 565,680,703 | 562,688,494 | 383,927,466 | 376,219,898 |
| OPERATING INCOME |  |  |  |  |  |  |
| Net operating revenue |  |  |  |  |  |  |
| Roilway tax sccrusis | $45,429,034$ | $34,780,618$ | $9,033,495$ | $8,690,363$ | $29,790,072$ | $20,667,502$ |
| Hire of equipment | Dr. 4,735,287 | Dr. 2,048,827 | $\text { Cr. } 5,187,492$ | Cr. 7,469,959 | $\text { CI. } 3,811,314$ | Cr. 2,710,249 |
| Joint facilities rarts | Dr. 2,155,425 | Dr. 2,318,936 | Cr. 170,198 | Dr. $\quad 56,922$ | Dr. 1,365,549 | Dr. 1,432,346 |
| Operating income | 93,930,084 | $34,051,789$ | 32,566,429 | 1,586,046 | $37,326,718$ | 27,032,926 |
| OPIRATING STATISTICS |  |  |  |  |  |  |
| Average mies of road operated | 43,745.97 | 43,780.42 | 22,623.42 | 22,646.62 | 16,997.30 | 17,002.50 |
| $\bigcirc$ No. of tons carried (Rev.Fr.) | 179,775,794 | 155,747,382 | $74,829,275$ | 67,520,846 | 58,489,144 | 54,205,877 |
| No. of tons carried one mile " " Thous. | 65,837,336 | 57,674,283 | 31, 520,065 | 29,097,782 | 25,722,631 | 23,668,342 |
| No. of tons carried one mile (All Fr.) " | 69,279,972 | 61,521,659 | $33,366,893$ | $31,129,129$ | 27, 195, 236 | 25,361,394 |
| Gross ton miles, freight and passenger trains " | 177,420,887 | 135,777,803 | 87,152,494 | $68,349,916$ | 70,597,510 | 54,361,971 |
| No. of revenue passengers carried | 26,999,995 | 28,172,757 | 15,270,215 | 16,345,464 | 9,543,843 | 9,528,589 |
| No. of rovenue pessengers carried one mie " | 2,885,968 | 2,857,102 | 1,346,003 | 1,358,703 | 1,330,957 | 1,282,242 |


| Freight train miles <br> Passonger train milos <br> Total train miles (transp. \& work train service) | $\begin{array}{r} 78,140,598 \\ 44,408,856 \\ 125,492,817 \end{array}$ | $\begin{array}{r} 74,612,406 \\ 45,601,952 \\ 122,995,316 \end{array}$ | $\begin{aligned} & 38,396,430 \\ & 21,844,170 \\ & 62,178,709 \end{aligned}$ | $\begin{aligned} & 37,270,550 \\ & 22,543,076 \\ & 61,723,588 \end{aligned}$ | $\begin{aligned} & 32,317,163 \\ & 19,891,626 \\ & 52,904,548 \end{aligned}$ | $\begin{aligned} & 31,297,097 \\ & 20,277,178 \\ & 52,202,153 \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Freight car milles - loaded Freight car miles - empty Passenger train car miles | $\begin{array}{r} 2,216,594,100 \\ 1,108,486,453 \\ 416,320,681 \end{array}$ | $\begin{array}{r} 2,020,925,584 \\ 995,007,063 \\ 415,819,257 \end{array}$ | $\begin{array}{r} 1,123,387,486 \\ 531,309,593 \\ 208,481,769 \end{array}$ | $\begin{array}{r} 1,050,874,733 \\ 494,908,068 \\ 208,178,169 \end{array}$ | $\begin{aligned} & 857,891,107 \\ & 433,734,001 \\ & 179,289,952 \end{aligned}$ | $\begin{aligned} & 794,626,580 \\ & 405,322,868 \\ & 178,897,681 \end{aligned}$ |
| Total amount of pay-roll <br> Number of amployees <br> Pay-roll chargeable to Railway Operating Expenses | $\begin{array}{r} \text { \$ } 641,272,460 \\ \text { \& } \quad 182,960 \\ \$ 593,293,150 \end{array}$ | $\begin{array}{r} \$ 630,428,722 \\ 184,757 \\ \$ 583,812,044 \end{array}$ | $\begin{array}{r} \$ 364,187,472 \\ 106,236 \\ \$ 330,160,908 \end{array}$ | $\begin{array}{r} 363,573,103 \\ 108,313 \\ \$ 330,258,152 \end{array}$ | $\begin{array}{ll} \hline \$ & 234,549,584 \\ \$ / & 66,295 \\ 2 & 223,154,583 \end{array}$ | $\begin{aligned} & \$ 230,861,515 \\ & \$ 218,66,577 \\ & \$ 256,258 \end{aligned}$ |
| DAILY AVERAGES PER MILE OF ROAD OPERATED |  |  |  |  |  |  |
| Operating revenue <br> Operating expenses | $\begin{array}{ll} \$ & 74.17 \\ \$ & 65.01 \end{array}$ | $\begin{array}{ll} \$ & 68.05 \\ \$ & 63.47 \end{array}$ | $\begin{aligned} & 72.89 \\ & 68.50 \end{aligned}$ | $\begin{aligned} & 68.42 \\ & 68.07 \end{aligned}$ | $\begin{aligned} & 72.31 \\ & 61.88 \end{aligned}$ | $\$$ 68.10 <br> $\$$ 60.62 |
| No. of tons moved one mile (Rev.Fr.) | 4,123 | 3,609 | 3,817 | 3,520 | 4,146 | 3,814 |
| No. of tone moved one mile (All Fr.) | 4,339 | 3,850 | 4,041 | 3,766 | 4,383 | 4,087 |
| No. of revenue passengers carried one mile | 181 | 179 | 163 | 164 | 215 | 207 |
| AVERAGES PER FREIGHT TRAIN MILE |  |  |  |  |  |  |
| Froight revemue <br> No, of tons of freight (Rev. Fr .) <br> No. of tons of freight (All Fr.) | $\begin{array}{r} 12.20 \\ 843 \\ 887 \\ \hline \end{array}$ | $\begin{array}{r} 11.61 \\ 773 \\ 825 \end{array}$ | $\begin{array}{r} 12.18 \\ 821 \\ 869 \\ \hline \end{array}$ | $\begin{array}{r} 11.72 \\ 781 \\ 835 \\ \hline \end{array}$ | $\begin{array}{r} 11.39 \\ 796 \\ 842 \\ \hline \end{array}$ | $\begin{array}{r} 11.05 \\ 756 \\ 810 \\ \hline \end{array}$ |
| Loaded freight care Empty freight cars | $\begin{aligned} & 28.4 \\ & 14.2 \end{aligned}$ | $\begin{aligned} & 27.1 \\ & 13.3 \end{aligned}$ | $\begin{aligned} & 29.3 \\ & 13.8 \end{aligned}$ | $\begin{aligned} & 28.2 \\ & 13.3 \end{aligned}$ | $\begin{aligned} & 26.5 \\ & 13.4 \end{aligned}$ | $\begin{aligned} & 25.4 \\ & 13.0 \\ & \hline \end{aligned}$ |
| AVERAGES PER PASSENGER TRAIN MILE |  |  |  |  |  |  |
| Passenger train revenues Passengers carried Passonger cars | $\begin{array}{r} 3.59 \\ 65 \\ 9.4 \end{array}$ | $\begin{array}{r} 3.43 \\ 63 \\ 9.1 \end{array}$ | $\begin{array}{r} \$ \mathrm{x} \quad 4.14 \\ \\ \\ \\ \\ \hline 2.5 \end{array}$ | $\begin{array}{r} \text { \$ } \mathrm{x} \quad 3.95 \\ \\ \\ \\ 60 \\ \\ 9.2 \end{array}$ | $\begin{array}{r} 3.04 \\ 67 \\ 9.0 \end{array}$ | $\begin{array}{r} 2.88 \\ 63 \\ 8.8 \end{array}$ |
| Average operating expenses per train mile <br> Average length of haul (Rev.Fr.) Miles <br> Average passenger journey Miles <br> Average tons per loaded freight car mile | $\begin{array}{r} 8.27 \\ 366 \\ 107 \\ 31.3 \end{array}$ | $\begin{array}{r} 8.25 \\ 370 \\ 101 \\ 30.4 \end{array}$ | $\begin{array}{r} 9.10 \\ 421 \\ 88 \\ 29.7 \end{array}$ | $\begin{array}{r} 9.12 \\ 431 \\ 83 \\ 29.6 \end{array}$ | $\begin{array}{r} 7.26 \\ 440 \\ 139 \\ 31.7 \end{array}$ | $\begin{array}{r} 7.21 \\ 437 \\ 135 \\ 31.9 \end{array}$ |
| Average freight receipt per revenue ton mile Average passenger receipt per passenger per mile Ratio of operating pay roll to operating revenues Ratio of operating expenses to revenues | 1.448 d <br> 2.870 <br> $50.10 \%$ <br> 87.65\% | 1.502 d <br> 2.866 <br> 53.69\% <br> 93.27\% | 1.484 <br> 2.996d <br> 54.85\% <br> 93.98\% | $\begin{aligned} & 1.501 \% \\ & 2.969 \% \\ & 58.40 \% \\ & 99.49 \% \end{aligned}$ | $\begin{aligned} & 1.431 \\ & 2.815 \\ & 49.74 \% \\ & 85.58 \% \end{aligned}$ | $\begin{aligned} & 1.461 \% \\ & 2.817 \% \\ & 51.81 \% \\ & 89.02 \% \end{aligned}$ |

$\frac{1}{2}$ / Includes $\$ 156,714$ retroactive pay not shown in 1955 monthly reports ( $\$ 47,879$ earned in 1954).
$\frac{2}{2}$ / Includes $\$ 156,190$ retrosctive pay not show in 1955 monthly reports ( $\$ 47,356$ earned in 1954).
7 Revised.
9 Includes duplications.
$X$ Includes gross express revenue.

CANADIAN NATIONALRAILWAYS (Lines in Canada and United States)

For the Twelve Months ended December 31, 1955.


