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C A NADA
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
MARCH
1928

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

OTTAWA

1928

## GFERATMG REMENES, EXPRMGFS \& BTATISTICS

## STRAM RAILTAYS OF CANADA

## WITH ANNUAL OPERATING REVENUES OF $\$ 500,000$

FOR THE MONTH OF MARCH, 1928

The Canadian railways carried more freight during kirch, 1923, than in any previous March. Gross revenues also were the largest earned in March, exceeding those of March last year by $\$ 2,135,479$, or 5.3 ner cent. Although operating expenses were heavier than in 1927 by $\$ 1,252,220$, or 3.9 per cent, net revenues were larger by $\$ 883,259$. The large carryover of grain has been an important factor in the heavy traffic and earnings of the railways during the first quarter of 1928 , the movement of grain to the Pacific ports being particularly heavy. The March pay roll was heavier than in 1927 by $\$ 1,037,133$ and the average number of employees increased by 3,022.

For the quarter, gross revenues showed an increase of $\$ 18,429,134$ and net revenues an increase of $\$ 13,445,146$.

CANADIAN YATIONAL RAILTAYS: The increase in grass revenues, compared with March, 1927, amounted to $\$ 756,717$, or 4.5 per cent for an increase in freight traffic of 4 per cent and a decrease in passenger traffic of 6.3 per cent. The average receipts ner ton mile increased from 1.044 cents tc 1.067 cents, or by 2 per cent. Operating expenses were heavier by $\$ 320,801$, or 2.4 por cent, all general accounts showing increases. Net revenues increased by $\$ 435,916$ and the onereting income by $\$ 458,453$.

The New England lines showed an operating deficit of $\$ 42,994$, as against net revenues of $\$ 23,204$ in 1927, but the other lines in the United States more than offset this decrease and the system netrovonue showed an increase of \$448,866.

For the three months, the Canadian lines (exclusive of the Eastern lines) showed an increase in net revenues of $\$ 2,347,173$ and the lines in the United States a decrease of $\$ 98,897$.

CANADIAN NATIOYAL RAILTMYS, EASTGRN LINES: Despite an increase in freight traffic of 14.3 ner cent, freight revenues were less by $\$ 24,420$, or 1.4 per cent, and, with a decline also in passenger traffic, gross revenues were decreascd by $\$ 52,094$, or 2.1 oer cent. The average receipt jer ton mile was .796 cent, or a decrease of 13.7 per cent. Operating expenses were heavier by $\$ 130,273$, or 5.3 per cent which reduced the net operating revenues by $\$ 182,368$.

For the quarter, gross revenues were smaller than in 1927 by $\$ 229,924$ and the operating deficit was greater by $\$ 529,480$.

CANADINT PACIFIC RAILWAY: Gross revenues for March woto heavinr than in 1927 by $\$ 1,354,248$, or 8.8 per cent. Passenger and express revenues showed decreases, but all other accounts were larger, freight revenues increasing by $\$ 1,382,212$, or 12.5 ner cent. The increase in operating exoenses amounted to

- $\$ 728,346$, or 5.9 oer cent, making the net opernting revenue larger by $\$ 625,901$. Freight revenue oer train mile increased by 25 cents from a higher average revenue ner ton mile, the revenue tons ofer train being practically the same as in 1927. Passcnger traffic was lighter and, although the average receints per passenger mile increased from 2.733 cents to 2.770 cents, the earnings nor train mile werc lighter by 9 cents.

The freight traffic for the first quarter of 1928 has been heavier than for any previous year and gross revenues were greator than in 1927, the previous record year, by $\$ 4,021,865$. Al though operating exnenses were also highet than for the first three months of any orevious year, not odorating revenues were larger than for 1927 by $\$ 1,788,437$ and the operating income was greater by个1,551,673.
$26 / 5 / 28 / \mathrm{GA}$

OPERATING REVENUES, EXPENSES \& STATISTICS
STEAM RAILWAYS OF CATADA
WI TH ANNUAL OPERATING REVENUES OF $\$ 500,000$
For the Month of March, 1928
OPERATING REVENUES

Freight
Passenger
Mail
Express
Other freight train
Other passenger train
Water line
All other
Total railway operating revenues
OPERATING EXPENSES
Maintenance of way and structures
Maintenance of equipment
Traffic
Transportation
Miscellaneous operations
General
Trans. for investment
Total railway operating expenses
OPERATING INCOME
Net operating revenue
Railway tax accruals
Uncollectable revenues
Hire of equipment
Joint facilities rents Operating income
OPERATING STATISTICS
Average miles of road operated
No: of tons carried
No. of tons carried one mile
(Rev. Ir.)
No. of tons carried one mile
(All Fr.)
Gross ton miles, excl. of locomotive \& tender
No. of revenue passengers carried
No. of revenue pass. carried one mile
\# Freight train miles
\# Passenger train miles
Total train miles ( $\mathrm{Rev}_{\mathrm{ev}}$. \& Non Rev.)
Freight car miles-loaded
Freight car miles-empty
Passenger train car miles
Total amount of pay roll
Number of employsees
DAILY AVERAGES PER MILE OF ROAD OPRRATED
Operating revenue
Operating expenses
No. of tons moved one mile (Rev. Fr.)
No. of tons moved one mile (All Fr.)
No. of rev. pass. carried one mile
*AVERAGES PER FREIGHT TRAIN MILE
Freight revenue
No. of tons of freight (Rev.Fr.)
No. of tons of freight (All Fr.)
Gross ton miles
Loaded freight cars
Empty freight cars
\#AVERAGES PER PASSENGER TRAIN MILE
Passenger train revenues
Passengers carried
Passenger cars
Average operating expenses per train mile
Average length of houl (Rev. Fr.) Miles oer railway
Miles per railway
Average tons per loaded freight car mile
Av. freight receipt per rev. ton mile
Av. passenger reccipt per pass. per mile
Ratio of pay roll to operating revenues
Ratio of onerating expenses to revenues
$\$ 31,811,893.32$
$6,115,870.30$
$622,473.32$
$1,587,632.37$
$4,640.30$
$594,183.28$
$61,367.52$
1,696,652.75
$42,494,713.16$
$\$ 5,660,817.51$
8,248,784.31
$1,398,455.12$
16,643,102.85
$414,418.20$
$1,059,475.48$
Cr.
$151,762.57$
$33.273,290.90$
$\$ 9,221,422.26$
703,663.57
$1,685.09$
Dr. $\quad 33,701.58$
Dr. 11,426.10
$8,470,945.92$
$39,637.92$
$10,835,655$
2,923,456,738
3,328,338,021
7,541,688,794
$3,420,069$ 222,491,429
$5,751,179$
4,003,966 $10,039,40$ 3 $139,407,124$ 56,394,001 28,569,598
$\$ 21,363,392.86$
157,304
$\$ 34.58$
\$27.08
2,379
2,709
181
$\$ 29,631,890,40$ 6,252,243.05 618,560.58
1,657,201,66
2,607.49
$547,976.33$
48,300.83
$1,600,453.00$
$40,359,233.34$
\$5,229,208.46
8,048,826.14
$1,372,681,13$
$15,964,881.76$
389,511.83
$1.063,253.31$
$47,292.48$
32,021,070.15
$\$ 8,338,163.19$
707.698 .69

1,299.87
Dr. 6,877.27
Dr. 27.289.51
7.594,997.85

39,355.33
10,689,799
$2,774,767,011$
3,139,852,306
7,140,417,042
3,605,688
232,791,723
5,584,635
3,955,393
9,713,073
131,455,810
58,292,488
28,209,820 $\$ 20,326,259.77$

154, 282
$\$ 33.08$
\$26. 25

$$
2,274
$$

2,574
191
$\$ 5.31$
496.8
566.2
1278.6
23.5
10.4
$\$ 2.29$
58.9
7.1
$\$ 3.30$
259.6
64.5
23.9
$1.068 \phi$
2.6854
50.48
$79.34 \%$

## EASTHRN LINES

CANADIAN NATIONAL RAILTAYS
For the month of March, 1928
1928
1927
CPERAIING REVENUES

Freight
Passenger
Mail
Express
Other freight train
Other passenger train
Water Line
All other
Total railway operating revenues

## OPFRATING EXPENSES

Maintenance of way and structures
Maintenance of equipment
Traffic
Transportation
M1scellaneous operations
General
Trans, for investment
Total railway operating expenses
OPERATING INCOME
Net operating revenue
Railmay tax accruals
Uncollectable revenues
Hire of equimment
Joint facilities rents
Operating income
OPERATING STATISTICS
Average miles of road operated
No. of tons carried
(Rev.Fr.)
No. of tons carried one mile
No: of tons carried cne mile (All Fr.)
Gross ton miles, excl.of locomotive \& tender
No. of revenue passengers carried
No. of revenue pass. carried one mile
\# Freight train miles

* Passenger train miles

Total train miles (Rev. \& Non Rev.)
Freight car miles - Loaded
Freight car miles - Enpty
Passenger train car miles
Total amount of pay roll
Number of employees
DAITY AVFRAGES PFR MTT On " "
OF ROAD OPERATED
Operating revenue
No. of tons moved one mile (Rev. Fr.)
No. of tons moved one mile (All Fr.)
No. of rev. passengers carried one mile
\#AVERAGES PER FREIGHT TRAIN MILE
Freight revenue
No. of tons of freight (Rev.Fr.)
No. of tons of freight (All Fr.)
Gross ton miles
Loaded freight cars
mmpty freight cars
\#AVERAGES PER PASSENGER TRAIN MILE
Passenger t rain revenues

| $\$ 25.49$ | $\$ 26.03$ |
| ---: | ---: |
| $\$ 27.04$ | $\$ 25.68$ |
| 2.236 | 1.956 |
| 2.445 | 2.312 |
| 193 | 205 |
|  |  |
| $\$ 3.73$ | $\$ 3.84$ |
| 469.0 | 416.0 |
| 512.9 | 491.7 |
| 1097.2 | 1100.4 |
| 20.6 | 19.9 |
| 6.2 | 8.6 |

Passengers carried
Passenger cars
$\$ 2.00$
56.5
6.9

Avergge operating expenses per train mile
Average length of haul (Rev. Fr.) Miles
Average passenger journey
Miles
Average tons per loaded freight car mile
Av. freight receipt per rev. ton mile
Av. passenger receipt per oass. per mile
Ratio of pay roll to operating revenues
Ratio of operating expenses to revenues
\# Contains a pronortion of mixed train miles.
$\$ 1,738,602.00$ $438,348.00$
$66,848.17$
$151,294.02$
$37,186.82$
$75,908.93$
2.508,187.94
\$ $394,888.52$ $516,872.36$ $65,568.57$
1.372 .865 .27 30,209.15 101.044.84

Cr. 6,821.19
$2,474,627.52$
$\$ 33.560 .42$ 21,927.25
88.09

Dr. 17.455 .51
Dr. 1,831.58
Dr. 7,742.01
3.107.99
634.967
$188,443,557$
222, 749.321
$498,466,385$
377,608
$19,730,500$
452,975
324,895
792,201
9,028,545
3,900,347
2,280,421

215,449,736
$235,575.315$
503,970,112
336,126
$18,585,484$
459,312
328,687
810,349
$9,445,084$
2,865,805
2,265,966
$\$ 26.03$
$\$ 25.68$
1,956
2,312
205
$\$ 3.84$
416.0
491.7
1100.4
19.9
\$ 2.14
60.7
7.0
\$ 3.12
296.7
52.2
24.7
.9236
2.221 $\phi$

## OPERATING REVENUES

Freight
Passenger
Mail
Exnress
Other freight train
Other passenger train
Water line
All other
Total railway operating revenues
OPFRATING EXPENSES
Maintenance of way and structures
Maintenance of equisment
Traffic
Iransportation
Miscellaneous operations

## General

Trans. for investment
Total railway operating expenses
OPRRAIING INCOME
Net onerating revenue
Railway tax accruals
Uncollectable revenues
Hire of equimment
Jcint facilities rents
Operating income
OFERATING STATISIICS
Average miles of road cperated
No. of tons carried
(Rev.Fr.)
No. of tons carried one mile
No. of tons carried one mile (All Fr.)
Gress ton miles, excl.of Incomotive \& tencier
No. of revenue nassengers carried
No. of rev. passengers carried one mile
\# Freight train miles
\# Passenger train miles
Total train miles (Rev. \& Non Rev.)
Freight car miles-lcaded
Freight car miles-empty
Fassenger train car miles
Total amount of pay roll (Including Eastern Lines)
Number of emoloyees
DAILY AVERAGES PER MILE OF ROAD OPERATED
operating revenue
$\$ 13,150,434.17$
2,278,935.56 $193,157.47$ 805,390.15 211,109. 70 771,260.69
17.410,287.75
$\$ 2,317,884.45$
3,211,436.82 $481,254.54$
7.307,000. 37 137,097.10 452,002.05
Cr. $150,316.10$
13,756,369.23
$\$ 3.653,918.52$ 254,135.84
$1,534.22$
Cr. $133,567.18$
Cr. 37,454.08
3.569,269.72

17,801. 74
$4.037,542$
1,232,677,924
1,419,024,248
3,120,349,985
1,375,027
83,323,283
2,220,426
1,614,218
3,979,527 57,405,140
23,107,222
11,154,026
\$11,489,396
85,657

Onerating expenses
No. of tons moved one mile (All Fr.)
No. of rev. passengers carried one mile
FAVERAGES PER FREIGHT TRAIN MILE
Freight revenue
$\$ 5.92$
No. of tons of freight (Rev. Fr.)
No. of tons of freight (All Fr.)
Gross ton miles
Iwaded freight cars
Fmoty freight cars
\#AVERAGES PER PASSENGER TRAIN MILE
Fassenger train revenues
Fassengers carried
Passenger cars
Average operating expenses per train mile
Average length of haul (Rev. Fr.) Miles Average passenger journey Miles Average tons per loaded freight car mile Av. freight receiot oer rev. ton mile
Av. Dassenger receint oer pass. per mile
: Ratio of pay roll to operating revenues
Ratio of Cnerating Expenses to Revenues

| $\$ 31.55$ | $\$ 30.27$ |
| ---: | ---: |
| $\$ 24.93$ | $\$ 24.42$ |
| 2,234 | 2,154 |
| 2,571 | 2,526 |
| 151 | 162 |

\$12,364,775.77
2,331,370.86
197.518. 25

839,021. 36
197.532.53

730,351.35
$16,653,570.12$
\$2,237,122.93
3,174,971.27
$466,915.32$
7.037,999.91 127.028.67 431,707.71
Cr. $40,177.60$
13,435,568.21
\$3,218,001.91 271,630.41

1,078.87
Cr. 138,489.13
Cr. 27.034 .57
3,110,816.33
17,746.32
3,854,542
1,184,920,321
$1,389,379,635$
3,054,958,955
1,526,789
88,888,011
2,235,894
1,584,811
3.910,426

56,020,374
23,890,207
10,912,795
\$11,072,952
85,529
$\$ 30.27$
2,154
2,526
$\$ 5.53$
530.0
621.4
1366.3
25.1
10.5
\$2. 25
56.1
6.9 $\$ 3.44$ 307.4
58.2
24.8 $1.044 \phi$ 2.6234
$57.8 \%$
80.68\%

OINADI ATN PHGTMC RAILWAY
Io，the Mont．2 ef March Ia28

## OPERAIIN FY WNUES

Mreigis
まassenger
Mロ1」
yiouras：
Othe＝fresshat tsain
Ciner passenger train
Taおer line
Sill cihe：
Soial．ra＊1．ivar oreratisg revences

Taintanarcc oi vay and stiuctures
Maintonance of equipnent
Trafic
Transecrtation
Miscellanecus cberations

## General

Traut for investment
Lictal railmay operating expenses
CPHRAIING INCOME
Net oporating revenue
Railway tax accruals
Uncollactable revences
Hire of equinment
Jcant facilities rents
coratine income

## OPERATING STATISTICS

Average miles of roaci onerated
No．of icas carriea
No，of ticns carried one mile＂1＂
No．of cons carried one mile（All Fr．）
Grcss ton miles，excl．of loccmotive \＆tender
Nc．$c \hat{I}$ revenue Dassengers carried
No．cf rev．गa＇s，carried one mile
\＃Freight train miles
＊Passencer train miles
Mctal train miles（Rev．\＆Non Rev．）
Freight car miles－louded
Freight car miles－emoty
Passenger train ca？miles
Tctel amount of pey roll
lumber cf emplcyees
DAIIY AVERAGGS PFR IIIE OF ROAD OPERATED
Operajizg ievenue
Oerabirg exnenses
ivic．of tons moved one mile（Rev．Tr．）
Nc．of tons moved one mile（All Fr．）
No．of rev．गasc．sarried one mile
\＃AVITAGES PER FRIIGHI TRAIN MTEE
Freight reverne
No．of tons of freight（rev．Fr．）
No CI tons f ireight（Ali Fr）
Gro3s ton males
toadeu freight cirs
Enni，y frejgnt cars
\＃AVERAGES PER OASSENGER TRAIN MILE
Passenger train revenues
Passorgers cariod
Fossenger cors
Avorage oofrating exnemses ner train mile
Arerase length or haul（Rev．M．．）Niles
Average passenger jouzney viles
Ayerage tons rer loaced freight car mile
Ar．fl．ighi receint ner rev．ton mile
Av．Dassenદevereccint her vass．Der mile
Ratic of ney roll to cperaiing reverues
Ration of onoratilu＂expenses to zevenues
$\$ 12,397,0.20$
2，617，508．78
310.690 .09
$444,287.00$
$4,404.95$
304，1こ？．25
61，367．52
679 i13 汭
$16,819,134.23$
2，177，728．52
3，563，598．21
$761,507.57$
$6,036,522.69$
$192,876.94$
315．771．77
$13,048,005 \cdot 70$

$$
3,771,128.53
$$

293，778．59
Cr．130，140．46
Cr．25，716．20
$3,633,206.60$
14，241．8
2，887，133
$1,140,67,290$
$1,330,194,924$
2，905，401，985 $1,247,624$
$04,482,013$
2，307，178
$1,578,644$
3：975，714
$5: 50.764$
18，515，191
$11,546,181$
$\$ 8,065,121.10$
＋11，015，438．26 2，721，605．76 309，743．36 $445 \cdot 755.30$
949.78 282，720．78 48，300．83 $6110,368 \ldots ?$
$25,464,885.80$
1．919．509．46
$3.407,468.65$ 753，288．21
$5,716,685.51$ $187,840.41$ $334,866.60$
$12,319,658.84$
$3,145,226.96$ $290,372.40$

Cr．127，696．37
Cr．1，643．93
$2,984,194.86$
14，004．0
2，626，099
2，070，992，993

$$
1,189,406,705
$$

2，601，728，278 1，226，160 99，575，533 2，146，163 $1,554,434$ 3，756，632 $47,572,367$ $19,114,664$ $11,471,053$ $\$ 7,503,594,33$

56,153

$$
\$ 35.62
$$

| $\$ 38.10$ | $\$ 35.62$ |
| ---: | ---: |
| $\$ 29.55$ | $\$ 28.33$ |
| 2,584 | 2,467 |
| 3,013 | 2,740 |
| 274 | 229 |


| $\$ 5.38$ | $\$ 5.13$ |
| ---: | ---: |
| 494.4 | 1.99 .0 |
| 576.5 | 554.2 |
| 1259.3 | 1212.3 |
| 23.3 | 22.2 |
| 8.0 | 8.9 |


| $\$ 2.33$ | $\$ 2.42$ |
| ---: | ---: |
| 59.9 | 64.1 |
| 7.3 | 7.4 |
| $\$ 3.28$ | $\$ 3.23$ |
| 395.1 | 407.7 |
| 75.7 | 81.2 |
| 24.7 | 25.0 |
| $1.087 \%$ | 1.029. |
| $\therefore .770 \phi$ | $2.733 \%$ |
| $48.0 \%$ | $48.5 \%$ |
| $77.58 \%$ | $79.66 \%$ |

# 7 <br> CANADIAN NATIO:AL SYSTEM <br> (Steam Lines in Canada and United States) <br> For the Month of March, 1928 <br> OPERATING RTIVENUES 

1928
Canadian $I_{i}$ nes
Duluth, Winnipeg \& Pacific
$\$ 17,410,287.75$ 239,288.00
Grand Trunk Western Lines
New England Lines


1927
$\$ 16,653,570.12$ 234,783.00 3,100,170.00 276,578.30 20,267,106.42

OPERATING EXPENSES

Canadian Lines
Duluth, Winnipeg \& Pacific
Grand Trunk Western Lines
New England Lines

$$
\$ 13,756,369.23
$$

172,232.89
2,189,668.63
Total
$16,422,877.66$
$\$ 13,435,568.21$ 177,496.01
2,112,762.50 $255,373.66$
$15.981,200.38$

## NET OPERATING REVENUE

Canadian Lines<br>Duluth, Winnipeg \& Pacific<br>Grand Trunk Western Lines<br>New England Lines

(
$\$ 3,653,918.52$
67,055.11
Dr.
$1,056,793.37$
Total $\quad 4,734.772 .34$
\$3,218,001.91
57,291.99
$987,407.50$
$\begin{array}{r}23,204.64 \\ \hline 4,285,906.04 \\ \hline\end{array}$

3,110,816.33
42,354.62
579.660 .00

Dr. 61,425.13

Total 4,166,429.30
SUMMARY
For Three Months Ended March 31st
1928
1927
ALI RAILWAYS

Operating Revenues
Operating Exvenses
Net Coerating Revenues
Operating Income
\$118,709,177.28
98,692,208.57
20,016,968.71
$17,474,003.46$
\$110,280,043.45
93,708,220.69
$16,571,822.76$
14,387,669.97

## CANADIAN NATIONAL RAILTAYS

Onerating Revenues- Canadian Lines United States Lines

Total
Operating Expenses- Canadian Lines United States Lines

Total
$\$ 49,435,850.26$
$\frac{10,182,172.74}{50,618}$
59,618,023.00
$41,607,682.58$
$7.486,346.29$
$49.094,028.87$
Net Operating Revenues-Canadian Lines
United States Lines
Total
Operating Income - Canadian $I_{2}$ nes United States Lines

Total
7.828,167.68
$\frac{2,695,826.45}{10,523,994: 13}$
7,317,669.07
1,272,695.61
8,590,364.68
$\$ 45,101,150.28$
$\frac{9,893,479.61}{54,994,629.89}$
39,620,155.30
7,098.755.75
$5,480,994.98$
$\frac{2,794,723.86}{8,275,718,84}$
$4,997,176.74$
$\frac{1}{2}, 358,950.79$
6,356,127.53

RASTERN IINES
CANADI AN NATIONAL RAILTMYS

Operating Revenues
Operating Expenses
Net Operating Revenue
Operating Income

Operating Revenues
Coperating Exnenses
Net Operating Revenue
Operating Income
$\$ 6,242,826.00$
$7,422,842.26$
Dr. 1,180,016.26
$1,300,870.99$
$\$ 6,472,750.31$
7,123,287.26
Dr. 650,536.95
740,859.38
CANADIAN PACIFIC RAILNAY
$\$ 47,224,974.55$
38,588,131,29
$8,636,843.26$
8,114,301.10
$\$ 43,203,109.39$
$36,354,702.89$
$6,848,406.50$
6,462,628.24

