

# OPTRRATING RTVENUES, EXPENSES \& STATISTICS 

STHAM RAITTAYS OF CATADA
TI IE ANNUA OPERATING RTVENURS OF $\$ 500.000$

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\text { FOR THE HONN: OF AUGUST, } 1931
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Oross revenues of steam railways for dugust amounted to $\$ 28,264,737$. This was $\$ 10,494,716$, or 27.1 per cent, less than the revenues earned in August 1930 and was less than any previous dugust in the past ten years. Operating expenses amounting to $\$ 26,393,481$ were not only the lowest for August, but also the lowest for any month in the past ten years. Net operating revenues amounted to $\$ 1,871,255$ as against $\$ 5,612,860$ in August 1930 and the operating income was $\$ 921,239$, or $\$ 3,706,919$ less than in 1930. The pay roll including capital expenditures amounted to $\$ 18,448,851$ which was a reduction from 1930 of $\$ 4,131,226$, or 18.3 per cent, for a reduction in the number of employees of 23.884 , or 13.7 per cent.

Treight traffic measured by ton miles was also a new low for the past decade, amounting to $1,635,586,912$ revenue ton miles as against $1,743,831,341$ ton miles for Juae 1922, the previous low month, and $2,435,488,688$ ton miles for August 1928, the hiehest August. Passenger miles, also a new low record for August, amounted to $155,381,759$ as against $266,215,835$ for August 1930 and $419,806,884$ for August 1928 , winich was the highest month in the past ten years.

For the eight months, January - dugust, gross revenues amounted to $\$ 235,485,797$ as against $\$ 294,684,902$ in 1930 , and the operating incame was $\$ 7,907,063$ as against $\$ 28,452,898$ last year.

RASIERN IINDS - CANADIAN NAMIONAL RAILWAYS: The operating deficit decreased from $\$ 792,649$ in 1930 to $\$ 783,294$ due to a reduction in operating expenses of $\$ 682,465$ and a reduction in gross revenues of $\$ 656,861$. Freight traffic was lighter than in 1930 by 26.7 per cent and passenger traffic decreased by 44.6 per cent. This was heavier than July passenger traffic, but was lighter than for any other month this year curat the short month, February. The average number of passengers per train was only 36.2 as against 56.5 in August 1930.

For Jenuary - August gross revenues amounted to $\$ 16,073,142$ in 1931 and $\$ 29,709,488$ in 1930 and the operating deficit was $\$ 5,956,898$ in 1931 and $\$ 3,746,196$ 1n. 1930. These include, as revemues, credits from the Dominion Goverment of $\$ 2,294,000$ for 1931 and $\$ 1,595,599$ for 1930 on account of reductions ordered in certad $n$ freight rates by the Maritime Freight Rates Act.

CANADIAN TATIONAL RAILTAYS-(Canadian Lines exclusive of Bestern Lines): With gross revenues reduced from $\$ 16,130,462$ in 1930 to $\$ 11,894,657$, or by 26.3 per cent, ana operating expenses reduced from $\$ 14,187.935$ to $\$ 11,591,305$, or by 18.3 per cent, tile operating income was reduced from $\$ 1,757,269$ in Ausust 1930 to $\$ 155,982$. Freight tiaffic was lighter than in 1930 by 31.0 per cent and passenger traffic by 25.7 per cent. Tha fay roll was cut from $\$ 12,200,020$ to $\$ 10,151,258$, or by $\$ 2,048,762$, for a reduction in the number of employees of 12,767 , or 13.4 per cent.

The Now Ingland lines showed an increase in both gross and net revenues and the Central Fermont also showed an increase in net revenues, but the other lines in the Juttei States showed large decreases so that, for the system, the gross revenues were iow. \$4, 758,169 and the operating income was reduced from $\$ 1,662,389$ to $\$ 19,106$.

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For Jamuary - August Canadian Iines'operating income showed a debit of $\$ 565,688$ as against a credit of $\$ 10,188,947$ in 1930 and the United States lines' a debit of $\$ 1,237,101$ as against a credit of $\$ 835,007$ in 1930 . For the system, exclusive of Eastern Lines, the operating income debit was $\$ 1,802,789$ as against a credit in 1930 of $\$ 11,023,955$, a difference of $\$ 12,826,744$.

CANADIAN PACIFIC RAILTAY: Gross revenues amounting to $\$ 21,331,729$ were less than earned in August 1930 by $\$ 4,563,160$, or 28.7 per cent. Freight revenues declined by $\$ 3,130,429$, or 30.0 per cent, and passenger revenues by 30,5 per cent. Operating expenses were reduced from $\$ 12,273,758$ in 1930 to $\$ 9,635,310$ and the operating income from $\$ 3,322,339$ to $\$ 1,339,260$. The total pay roll was reduced by $\$ 1,797,672$, or 20.8 per cent, and the number of employees by 9.195 , or 13.9 per cent.

For the eight months gross revenues amounted to $\$ 93,600,471$ and the operating income to $\$ 11,396,549$ as against $\$ 115,812,445$ and $\$ 16,133,326$, respectively, in 1930.

OFRRMITG REVEIUES
Freight
Passenger
Ma: 1
Honress
other froight train
Other pessenger train
Rater line

- 0 0\%8:

Total rasiway operating revenues
OFXPATITG MNPNSES
Maintenance of way and structures
Mairserance of equipment
Truffic
Transportation
Miscellaneous operations
General
T:ans. for investment
Toizl railway operating expenses
OPFRATING INCOME
Net operating revenue
Railway tax accruals
Tncollectajle revenues
Hire of equipmont
Joint facilities rents
Operating income
OPMAAING STATJSTICS
Average miles of road operated
io. of tons carried (Rev. Tr.)
Mo. of tons carried one mile $\|\quad\|$
Nio. of tons carried one mile (All Fr.)
Gross ton miles, excl. of locomotive \& tender
No. of revenue passengers carried
No. Of revenue passengers carried one mile

* Treight train miles
* pesconger trair miles

Wival むrain Miles (Rev, \& Non Rev.)
Irejght car milesmloaded
Freight car miles-empty
Piassenger train car miles
Total araount of pay roll
lümber of enployees
ZAIIY ATERACES PER MILE OF ROAD OPRRATMD
Onerating revenue
Operating expenses
Nio. of tons moved one mile (Rev. Fr.)
No, of tons moved one mile (All Fr.)
No. of rev. passengers cerried one mile
\#AVERAGES PER HPEIGHT ITAIN MILE
Freignt evenue
No. of tons of freight (Rev. Tr.)
No. of tons of freight (All Fr.)
Grose ton miles
Loaded freight cars
Yanty froight cars
\#AVERAGES YBP. PASSENGHR TRAIN MIIE
Wassenger train revenues
Passengers carried
Passenger cans
Average onerating expenses per train mile
Average length of haul (Rev. Ir.) Miles
Average pessenger journey
Miles
Nerage úchs per loaded freight car mile
Average freight receipt per revenue ton mile
Averace pascenger receipt per passenger per mile Ratio of pay roll to operating revenues Ratio of uperating expenses to revenues
$\$ 18,721.752 .63$ 4,920,227.76 588.572 .24
$1,465,965.06$
$1,848.22$ $742,650.64$ $168,639.13$
$1,655,081.53$
28,264,737.21
\$6,408,517.69
$4.893,269.58$
1,364,733.41
$12,356,006.24$ $426,679.51$
1.063 .147 .53 118.872 .28

Cr.
26.393 .481 .68
$\$ 1,871,255.53$ $784,290.51$
$3,690.50$
Dr.
Dr.
33,237.61 128.797.27 921,239.64

41,943.19 6,328,004
1,635,586,912
$1,869,195,032$
4,870,780,793 2,271,833
190,381,759 3.740,247
3.971,798
$7.854,617$

- $-1,514$

44. 481,105

30,251,783
$\$ 18,448,851.01$
150,198
\# - Contains a proportion of mixed train miles.

| $\$ 21.74$ | $\$ 30.12$ |
| ---: | ---: |
| $\$ 20.30$ | $\$ 25.76$ |
| 1.258 | 1,764 |
| 1.438 | 2,020 |
| 146 | 207 |


| $\$ 5.01$ | $\$ 5.48$ |
| ---: | ---: |
| 437.3 | 485.4 |
| 499.8 | 555.8 |
| 1302.3 | 1363.8 |
| 22.1 | 23.7 |
| 11.9 | 12.4 |
| $\$ 1.75$ | $\$ 2.22$ |
| 43.1 | 56.0 |
| 6.9 | 7.6 |
| $\$ 3.36$ | $\$ 3.40$ |
| 258.5 | 242.4 |
| 83.8 | 84.7 |
| 22.7 | 23.4 |
| $1.145 \phi$ | $1.129 \phi$ |
| $2.584 \phi$ | $2.649 \phi$ |
| $65.3 \%$ | $58.3 \%$ |
| $93.38 \%$ | $85.52 \%$ |

$\$ 25,635.598 .79$
7.051.232.13 631,524.48
1,872,975.82
1,897.70 988,823.48 287,306.82
2,290,094.12
$38,759,453.34$
\$8,439,910.82 6.563 .354 .77 $1.565,469.19$
$15,096,117.92$ 584,768.50
1,109.399.69
Cr. $212,427.99$
33,146,592.90
$\$ 5,612,860.44$ 774.919 .90
618.45

Dr. $93,686,76$
Dr. 115.476 .62
$4,628,158.71$
$41,507.18$ 9,366,647
2,270,331,355
2,599,583,262
6,379,524,293 3,144,780
266,215,833 4,677,609 4,756,073 9.737.997 111,047,627 58,042,595 36,304,132
$\$ 22,580,077.27$
174,082
$\$ 30.12$
$\$ 25.76$
1.764
2.020
207
$\$ 5.48$
485.4
355.8
23.7
\$2.22
56.0
$\$ 3.40$
242.4
23.4
$1.129 \phi$
58.3\%
85.52\%


Ircigh：xz
Pessorger
Ma亡
Zuress
Other freigit ごいました。
Ctwer passoneer tran
Tater line
Lli other
Dival rafligoy onerating revenues
OPFP：ITIG HYPTISE．
ihaintenares je nay anc structures
Maintena ce of equinmen＇：
Traffic
Transportation
Miscellaccous cperations
Genera？
mrans，for investment
Total railway opowating expenses
OPERAMITG ITCCME
Net opercting ravenue
Railrair tax accmais
Uncollactable revenues
Hine of equipment
Tolist facilities rente
Operating incorne

1921
$\$ 2.040 .324 .00$ 296，521．00 6．，362．00 121．6；0．00

$$
54.787 .20
$$

108：582．80
$\therefore, 687.197 .00$
$\$ 74.710,7$
$387.62+.59$
59.474 .58
$1,043,823,2^{7}$ 29，+52.52 135，583．52
Cr．12． 5653.58 2，391，205．90

Dr．\＄704，008．90
24，958． 59
324.92

Dr．$\quad 53.4 .5 .13$
Dr．$\quad 557.34$
Dr．783．294．88
$\$ 1,393,221.00$ $505,224,00$ $65,000,00$
173，000．00
66．707．2파
$139,8 \% \overline{56}$
$2,34 i 1.058 .00$
$\$ 1.137,001.4$.
$450,077.5^{\circ}$ （0），3． $4.7^{4}$
$1,241,6.6 .85$ 43，725．07 $130,443.69$
Cr．$\quad 4,983.28$
3．073，673．0＇t
Dr．\＄729．613．04 $25,109.86$

237． 87
Dr．36，327．56
Dr．1，364．6z
Dr． $792,549.01$

OPHRATJTG ST IISTIOS
Avorae e miles of roal operatud
No，of tons carriec．（Kev．Fr．）
No．of tons carried one mile＂＂
No．of ton curriti onemile（All Mr．）
Groes ton miles，axci．of locomotive \＆tender
No．of revenue pascengers carriad
3.342 .39
3.332 .54
$385,747 \quad 518.178$
$84,437,901 \quad 115,219,678$
$96.986 .054 \quad 232,454,399$
$241,555,681 \quad 316,622,902$
$153.087 \quad 2.29,466$
No．of reveiug passengers cartice one mile
$11.706,453$
＊Freight Trair mises
4 Pusarnger 大ain miles
Total Train Miles（fev，\＆Nan Rev．）
Freight ca：railes－－oeiza
Freight car milesmentry
Passenger tiviz cer rilies
Total amourt of $2 \times 01$
253,456
27．138，897
$32: .447 \quad 322,787$
593.823 117．661

4， $248,275 \quad 6,215,353$
$1.718 .169 \quad 2,178,178$
$2,270,778 \quad 2,636,872$
（Included in Canadian Lines）
Number of employees
＂＂
DAIIY AVARACES FFF NTE OE ROLE OPERATED Operating rerans
Operating expenses

| $\$ 16.28$ | $\$ 22.69$ |
| ---: | ---: |
| $\$ 23.08$ | $\$ 29.75$ |
| 815 | 1,115 |
| 936 | 1,282 |
| 213 | 205 |
| $\$ 10$ | $\$ 4.32$ |
| 333.1 | 355.9 |
| 382.7 | 410.3 |
| 353.6 | 980.9 |
| 18.7 | 19.7 |
| 6.8 | 6.7 |

No．of tons mivec one mile（Rev．Wr．）
No．of tors motric che mile（ 21 ll Hr ．）
\＃ATMRASES FMR NRTINTMRANMIE
Freight revame
No．of tons of ireight（Ierv．Tr．）
No．Of tons etreimis（Nil Tr．）
Gross ton milites
$\$ 1.65 \quad \$ 2.17$

Empty freight seas
$\$ 1.65$
\＄2．17
Passange train reventrs
25．2 56.5

Fassengers cenried
Tassezge：cars
Average operating exponses por tratn mile
7.

5． 5

Avorage length of heul（itvoze．）MiIos
$\$ 4.03$
7.0
218.9

Average tons ye：loaced seotght car uile
1.8

54． 28
20.4

2． 2324
22．4

Arprage ireigit roceip jo revenue ton mile
2． 533 ．
92.1
21.3

Arurace pascergar receint per possenger per mile
Included in Cenedian Lines
141． $73 \%$
1．209 $\phi$
Ratio of noj roll to cpe atang reverues
131．13\％
xx－Incluine iccount harithe Ereight Rates Act
429.000 .00
\＄285．000．00
＊－Oontains a propuzior of rixed train miles．

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\begin{aligned}
& \therefore 8 \\
& 4-\therefore \\
& \text { S } x, \text {, } \\
& \text { - }
\end{aligned}
$$

－0． 1 UTEUES

## Trath <br> ＝arserãor <br> Mn？

Inpress
Sther reeight train
othe passenger trein
Vaver Zine
［1］．other
「．ta，seilway operating revenues

## OPERTITIT FYOENSES

iacut en wice of एay and structures
Maintenance of equipment
Mraffic
Irancportation
Miccelleneous operations General
Trans．for investment
Total railway operating expenses
OPRR ATING INCOME
Net coerating revenue
Railvas tax accruals
Uncallectable revenues
Hire 0 equipment
JJint facilities rents Operating income
1）FERATIG STMISTICS
Aiv．gre miles af road operated
IV．O－tons cairied
To．of tons carried one mile
iic．of tons car：ied one mile
（Rev．Fr．）
（A11 Fr．）
GYcss ton miles，excl．of locomotive \＆tender
No．of levenue passengers carried
No．of rev，passengers carried one mile
\＃Freight train miles
＊Passenger train miles
Jota？Mrain Miles（Rev．\＆Non Rev．）
Meight car miles－loaded
Freignt car milesmempty
Pass ngen train car miles
Motal a＂ount of pay roll（Including Hastern Ifnes）
Numier of employees
I1－FI AVSFAGES PIR MILE OF ROAD OPERATED
Operati gevenue
Operating expenses
No． $0 i$ tons moved one mile（Rev．Fr．）
No．of tons moved one mile（All Fr．）
No．of rev．passengers carried one mile
\＃AVARAGES PFR IREIGHT TRAIN MILE
Treicht revenue
No of tons of freight（Rev．Mr．）
No．of tons of freight（All Fr．）
Gross ton miles
urared iletght cars
In ty or－3fgt cars
HATE IS OR PASSENGER TPRIN MILE
Fus e tran zevenues
Nasseroctefs vurried
Passeren cars
มiveraef cperaiing expense per train mile
Areras，Iength of haul（Rev．Fr．）Miles
A：EF2rje passenger journey Miles
Nenag3 tons per looded freight car mile
irerexe freight receipt per revenue ton mile
direrage passcnger receipt per passenger per mile xPatic of pay roll tc operating revenues
P立生 0 of oxating expenses to revenues
$x$－Roverue of Eastern Iines included to determine ratio．
\％＂－J．ations a proportion of mixed trein miles．
$\$ 7.987 .319 .40$
$1,399,298.80$
188．735．24
775.800 .74 205． 74
277，833．21
765.563 .87
$11,894,657.00$
$\$ 2,846,188.10$
2，325．948．17
$415,425.21$
$5,446,501.00$ $144,528.41$ $455,942.22$
C．$\quad 43.327 .58$
11，591．305．53
$\$ 303.351 .47$
306，714．75
3，200．76
Or． $195,587.84$
Dr．$\quad 33.041 .24$
$155,982.56$
18，562．83
2，150，632
686，051，326
764，881，966
$1,870,398,254$
940,012
$76,874,053$
$1,434,676$
$2.580,886$
3.093 .194

33，740，255
16，070，657
$11,505,346$
$\$ 10,151,258$
82，256
$\$ 20.67$
\＄20．14

## 1,192

1,329
\＄10．791，586． 29
$2,638,340.38$ 212，147，63

$$
212,14
$$

$1,003.811 .55$
208.00

$$
\begin{array}{r}
208.00 \\
367.179 .01
\end{array}
$$

1，117，189．70
$16,130,462.56$
\＄3，625，887． 65
2，843．513．20 517，197．8＇
$6.651,448.73$ 207，782．97 $488,753.32$
Cr．$\quad 146,678,53$
$14,187.935 .18$
\＄1，942，527．38 277.375 .09

$$
370.48
$$

Cr．112，637．13
Dr．20，149．26
$1,757.269 .68$
18，497，15
3．314，200
993，752，593
1，136，024，010
2，652，346，482 1，379，772
103．481，957 1，828，080 1，887，648 3，869，452 46，757，518 24，224，582 14，252，756
\＄12，200，020
95.023
$\$ 28.13$
$\$ 24.74$
1，733
1，981
180
$\$ 5.90$
543.6
621.4
1450.9
25.5
13.3
\＄2． 24
54.8
7.6 $\$ 3.67$ 299.8
75.0
24.3
$.086 \phi$ $2.550 \phi$ $66.0 \%$
87．96\％

$$
2,638,1,-20
$$



| 478.2 | 543.6 |
| ---: | ---: |
| 533.1 | 621.4 |
| 1303.7 | 1450.9 |
| 23.5 | 25.5 |
| 11.2 | 13.3 |


| $\$ 1.99$ | $\$ 2.24$ |
| ---: | ---: |
| 48.6 | 54.8 |
| 7.3 | 7.6 |
| $\$ 3.75$ | $\$ 3.67$ |
| 319.0 | 299.8 |
| 81.8 | 75.0 |
| 22.7 | 24.3 |
| $1.164 \phi$ | $1.086 \phi$ |
| $2.471 \%$ | $2.650 \phi$ |
| $74.7 \%$ | $66.0 \%$ |
| $97.45 \%$ | $87.96 \%$ |

＝
$\square$
$-1$


## $\$ 5.57$

\$7.316,079.64
2,081,110.81
275.486 .16
$4!4,857.05$
1,353.92
390,120. 35
168,639.13
654,082.55
11,331,729.65
\$2, 127,683. 45
1,592,110. 81
795.589 .74
$4,545,600.53$ 207.709. 61
303.949 .48

Cr.
37.332.85

9,635,310.77
$\$ 1,636,418,88$
248,171.66
Cr. 22,178.39
Dr. $31,164.77$
$1,339,250,8^{\prime}-6$
15,721.3
2,037,79?
677,245,778
812,350,440
2,136,222,649
793.369

78,828,640
1,569.319
1.,641,736

3,246,832
$32.844,176$
19,486,035
13,012,722
\$6,842,862.06
56,942

| $\$ 23.25$ | $\$ 33.25$ |
| ---: | ---: |
| $\$ 19.77$ | $\$ 25.68$ |
| 1.390 | 1.965 |
| 1.667 | 2.302 |
| 1.2 | 231 |
| $\$ 4.60$ | $\$ 5.23$ |
| 431.6 | 469.7 |
| 517.6 | 550.5 |
| 1361.2 | 1339.5 |
| 20.9 | 22.5 |
| 12.4 | 11.8 |
| $\$ 1.94$ | $\$ 2.17$ |
| 48.0 | 55.4 |
| 7.9 | 7.7 |
| $\$ 2.97$ | $\$ 3.00$ |
| 332.2 | 294.7 |
| 99.4 | 106.3 |
| 24.7 | 24.5 |
| $1.080 \phi$ | 1.13 .36 |
| 2.6404 | 2.7084 |
| $60.4 \%$ | $54.4 \%$ |
| $85.03 \%$ | $77.22 \%$ |

$\$ 10,446,509.30$
2.996.243.85

294, cos.62
518,301. 33
i, 1.37 .31
530. 855.57
$25 . .531 .42$
855,011.61
$15,894,890.31$
$\$ 2,562,: 60.99$
2,543, 389.70 88‥219.04
$5,750,364.77$ 275,607.10 $314,367.50$
Cr. $\quad 53,950.63$
$12,273,758,47$
$\$ 3,621,131.94$ 355.412 .89

Cr. $\quad 72.997 .95$
Dr. $\quad 16.377 .55$
3.322,339.36
$25,420.5$ 3.194, 658
938.57 กี. 772
$1,100,539,233$
2,677,800,959
$1,04 n, 485$
110,638,421
$1,999,105$
$1,99: 507$
14,085,861
44,997.904
23.586.409

15,407,509
$\$ 8,640,534.27$
66.137
$\$ 33.25$
, 9 E 5
2,302
$\$ 5.23$
550 .
339.5
22.5
11.8
2.17
5.4
$\$ 3.00$
94. ?
24.5
54. 4.
$7.22 \%$

OPMRATENG REVENUSS


SUMMARI
For Wight Months ended August 31 st
ALI RAILTAYS

Operating revemes
Operating expenses
Net operating revenue
operating income
$\$ 235,485,797,10$ 220,205,267.20 $15,280,529.90$ 7,907,063.93
$\$ 294,684,902.45$
258,189,992. 89 36,494,909.56
28,452,398.10

CANADIAN NATIOTAL RATLTAIS


$$
\begin{array}{r}
\$ 121,526,058.33 \\
\frac{26,603,161.92}{14,, 129,220.25} \\
\hline 109,584,798.03 \\
22,600,314.05 \\
\hline \frac{132,185,112.08}{11,941,250.30} \\
\frac{4,002,847.87}{15,944,108.17} \\
\hline 10,188,947.31 \\
835,007.83 \\
\hline 11,023,955.14 \\
\hline
\end{array}
$$

Gperating revemes operating expenses
ITe: cperating revenue
operating income

Operating revenues
Cperating expenses
Net operating revenue
Cperajing income
$\$ 16.073 .142 .00$ $21,341,551.89$
Dr. $\quad 5,268,409.89$
Dr. $5,956,898.83$
$\$ 19.709,488.00$
22,909,398.63
Dr.3.199.910.63
Dr. $3.746,196.54$

CANADIAN PACIFIC RAILTAY

* Including Central Vemont Railway,


