## OPERATING REVENUES EXPENSES \& STATISTICS

 of
## RAILWAYS

With Aanmel Operating Revanues of $\$ 500,000$

For
MAY
1931

Published by Authority of the Hon. H.H. Stevens. M.P., Minister of Trade and Commerce
OTTAWA

#  

SUTIE RATLTAYS OT ONTEA

WOE ME MO－TME M4． 293

Gross revenues of Canadian railvars for May，amourting to $\$ 30,934,375$ ，were $\$ 6,837,469$ less than in 2930 and vore the ariailest camed in any Mav recorded in these reports，（1920），and passenger receipis were the smallest earned in any previous month since 1920．Operating exponses amounted to $\$ 28,768,450$ ，or $\$ 4,896,601$ less than in 1930 ，ana neb operáne zovenes ariouted to $\$ 2,165,925$ ，as against $\$ 4,106,793$ last year．Al though the dverage train loading was 523.9 revenue $t$ ms as against 473.5 tons in 1030 ，the average veceints per train mile decreased from $\$ 5.78$ to $\$ 5.50$ and，cue to ligh．passewer traisic，the average passenger train revenues were lizinter ber 33 cents for train mine，or 16.6 per cent．

For January－May，Eros＝evenues mere $\$ \mathbf{2} 47,388,685$ sis against $\$ 179,024,342$ in 1930 and the operating incom was $\$$ ， 46,497 as acainst $\$ 1,569,557$ last year．
 lighter than in 1930 iv 11.3 per cen and passenger traffic decreased by 29.9 per cent，reducing operating rovenues iran $\$ 2,560,727$ in 1930 to $\$ 2,236,374$ ，or by 12.7 per cent．Oceratine expenses incmeases by ly yer cent，or from $\$ 2,890,469$ to $\$ 3,005,2 ; 8$ ，and the operating lose amourted to $\% \% 3,90 \%$ ar against $\$ 329,742$ the previous year．

For the five months，Jomary－Mai．gross pevenues cmounted to $\$ 10,792,359$ as against $\$ 12,801,035$ in 1930 and the cpe aitins incone dekit was $\$ 2,963,922$ as against a debit oif $\$ 1.389,043$ la⿰幺 」こer．

CANADIAT NATIOFAT RAITHIYS－（Ganarian Iines exciusive of Eastern Lines）：Gross revenues amounting to $\$ 12,844,056$ men less than for lay 2930 by $\$ 2,510,839$ ，or 16.4 per cent，end were the Iovest earmed by the rain may for May since 1922．Operating expenses were zeduced fron $\$ 13,62\}, 153$ ic 1930 to $\$ 12,439,726$ and the net operating reverue amounted to $\$ 404,329$ as asainsi $41,760,741$ last $y$ yar． 171 of the United States lines also showed iarge decreaces in gross and neo revemues．The total for the system（exclusive of Iastern Lines）was：gross revenues $\$ 25,504,627$ and net reverues，$\$ 440,689$ ，as afainst $\$ 29,01 y, 606$ and $\$ 2,309,1 \geqslant 1$ ，respectively，in 1930 ．

For January－liey，the oparabine income for Cznaition Ifnes showed a debit of $\$ 575,670$ ，the United Stajes ？inces，deoj of $\$ 007, i 42$ ，ana the system，a deb $t$ of $\$ 1,182,813$ ，as againsi oreciis in 1930 of $\$ 4,547,9{ }^{\prime} 4$ ，$\$ 1,362,457$ end $\$ 6,016,72$ ， respectively．Inis mas a Locrease for the syctern of $\$ 7,299,185$ and，includig the Eastern Ines，a lecrieaso on en in，05t
 were less than in Kay loj by $\$ 2,0,2,0,19.4$ per cent，large reductions rere
 per cent），maintenanco of equipment（2ひ．＇t per cenis），enci miscellaneous operations（31．0 per sent），an̄ nev foremes mere increassa from $\$ 1,497$ ， 747 in 1930 to $\$ 1,771,182$ ．The opeatine incomo was eiso inereaseu，ducounting to $\$ 1,445,945$ as against $\$ 2,206,621$ ast year．inthust ine tons of frofgh decreased，the ton miles increased by 6,8 per cont une to $\varepsilon$ increass in whe aroraze haul from 326.7 miles to 435.5 miles ，The average receipt par jo：vile，humever，decreased


For January－Nay，grosc＝ntentes mere $457,306,294$ and the operating income


## 2EMATMGETMUS

Froight
Fassenger
heill
mispress
Cther freight train
Othe: passeager train
Water line
All other
Total reilway operating revenues

## OPE AITITG EXPENES

Maintenance oi vay and structures
:Iaintenance of equipment
Traffic
Transportation
Miscelleneous operations
Genera?
Trans, for investment
Total railway operating expenses
OPERARING INCOOS
Net operating revemue
Failway tax accruals
Uncollectable revenues
Hire of equipment
Joint facilities rents
Operating fincome
OPRRATIN STATISTICS
Averaze miles of road operated
No. of tons carried
No. of tons carried one mile
No. of tons carried one mile
Gross ton miles, excl. of locomotive \& tender
No. of: Zevenue passengers carried
No. of revenue passengers carried one mile
\# Freight train miles
\# Passenger train miles
Potal train miles (Rev. \& Non Rev.)
Treight car miles-loaded
Freisht car miles-errpty
Passenger train car miles
Total amount of pey roll
Number of employees
DAILY ATERAUES FER MILE OF ROAD OPERATED
Operating revenue
Operating axpenses
Wo. of tons moved one mile (Rev.Fr.)
No. of tons moved one mile (All Ir.)
No. of rev. passengers carried one mile
\#AVEFAGES PR IVRTCET TRAIN MILE
Freight ravenue
No. of toins of freight (Rev. Fr.)
No. of tons of freight (All Fr.)
Gross ton miles
Loaded freight cars
Enptry fright cars
\#AYE AGES PIP PASSEIGER TRAIN MILE
Passonge: train zevenues
Passergers carried
Pesscnger cars
LVerage oporating expenses per train mile
Average length of haul (Rev.Fr.) Miles Average passenger journey Miles
Average tons per loaded freight car mile
Average freight receipt per revenue ton mile
Average passenger receipt per passenger per mile Retio of pay roll to operating revemes Ratio of operating expenses to revenues
\$22,864,606.27
3,497,553.60
597,684. 51
1,638,694.67
1,976.56
508,297.49
177.806.32

1,647,756.44
30,934,375.86
$\$ 6,837,642.81$
6,045,129.70
1,520,896.12
13,042,847.30
$334,606.55$
1,080,045.12 92,717.50
$28,768,450.10$
\$2,165,925.76 $748,510.57$ 2,190.12
Dr. 115,255.93
Dr.
$114,593.35$
1,185,375.79
41,867.74
7,642,174
2,178,264,070
2,483,445,915
5,887,384,511
1,955,973
133,813.899
4,157,985
3,761,950
8,082,416
103,359,339
52,104,624
25,588,972
\$19,008,319.11
151,524

| $\$ 23.83$ | $\$ 29.42$ |
| ---: | ---: |
| $\$ 22.17$ | $\$ 26.22$ |
| 1.678 | 1.724 |
| 1.913 | 1.993 |
| 103 | 153 |
| $\$ 5.50$ | $\$ 5.78$ |
| 523.9 | 43.5 |
| 597.3 | 547.7 |
| 1415.9 | 1336.4 |
| 24.9 | 24.7 |
| 12.5 | 10.8 |
| $\$ 1.66$ | $\$ 1.99$ |
| 35.6 | 46.4 |
| 6.8 | 7.2 |
| $\$ 3.56$ | $\$ 3.67$ |
| 285.0 | 234.3 |
| 68.4 | 79.0 |
| 24.0 | 22.2 |
| $1.050 \phi$ | $1.220 \phi$ |
| $2.614 \phi$ | $2.691 \phi$ |
| $61.4 \%$ | $59.4 \%$ |
| $93.00 \%$ | $89.13 \%$ |

\$26,990,025.27
5,296,351.70
631,112.51
1,892,842.99
4,031.81
628,196.78
215,132.64
2,114,151.62
37,771,845.32
\$7,924,666.70
7,698,828.40
1,770,315.42
$14,880,604.40$
464,921. 18
1,128,058.15
202,342.80
$33,665,051.45$
\$4,106,793.87 $765,807.69$

2,021.10
Dr. 134,709.06
Dr. $96,863.63$
3,107,392. 39
41,419.48
9,444,118
2,213,015,000
2,559,611,711
6,245,829,365 2,489,832
196,803,756 4,673,490
4,238,717
9,176,576
115,382,033 50,518,120 30,341, 229
\$22,431,365.02
171,228
$\$ 29.42$
1,724
, 993
153
$\$ 5.7$
$4,3.5$
336.4
24.7
10.8
1.99
7.2 $\$ 3.67$
234.3
22.2
$2.691 \phi$
$59.4 \%$
89.13\%

[^0]OPFPAFIT DIUSIS
反力の
passonger
Ma： 7
E2t coss
Other fred ght tacar
かuan CEusenger tra゙n
Yaser 1ine
ili otre：
Totع railnt nursbing revenues OPERUITG TYC LIGG
bainienance of $N a y$ and structures
Maintenance of equipnent
Trafざき
Transy rtatzon
idiccellaneovs overations
Generel？
Trans．for invenmen＊
Fotal railmey oorating expenses
OPFPA IING INCNMF
let operetios rsvenre
Rai War tax accruals
IThocliectable revenues
aire of equipmen＊
wint faciliuies rorts
cpera：ine－unom：
$\$ 1,553,34.00$ $321,2=0,00$ $65,100,00$
153，046．83
$40,68+.43$
102，988．72
$2,236,374.00$
\＄1，083，319．1．2 511，809．27 77，138．81
$1,171,265 . c 1$ 23，497．93
$1+2,748.22$
Cr ．
3，005，273．61
Dr．$\$ 768,904.61$ $30,085.39$
$11 c^{c}, 75$
Dr．$\quad 6 e, 879.12$
Dr．
Dr．

OFFRATITG NTAITSTIOS
Averuce iniles of coail operated
No．of tons carriod
（Rev．Fr．）
110．of ions carsied one mile
ITh。 of tons carried one mile（All Tr．）
Gioss fon miles，cxic．of locomotive \＆tender
DTO．if Leroue passcrgers carried
iTo，of retcine oassengers carried one mile
\＃Treisint traio mi：ar
＊Pessentser traiz riles
To cui train miles（Ruv．\＆Non Rev．）
7reigh car riles－l uated
Frutint cou minos－anpty
Pascemger train cir mile
Lotal aisuta\％of pul rol？
IVumber of゙ empoloyc・ー
DAIT ATMOAEE REREO OOAD OF FRATED

## opereting revenue

One ating experses
No．J．＂Ons movet ono mile（Rev．Tr．）
Mo．OF twa move one nile（All Tr．）
Tio．of rev，paszenger，carried one mile


1T\％．Of tore or sreight（Rev．Mr．）


Icaded Ireikht garo
Tadus Ero eht cars


Deaberyuct ©r＂jod
Fesserfou vir：
Averuge（newating srenses per twain mile


Uifles
Avercey unn： Avorsge troimu mecoty per revende ton mile

Fex：of of oporset：expen！ess to revenues


$\$ 2.745,77^{-1}+00$
1.30 .331 .00
$57,420.00$
$265,002.00$
$42,022 \cdot 34$
$122,200.66$
$2.500,7.00$
$3710,333.19$
$697: 0-4.24$
$08,667.6 ?$
1．238，5：3．35
29，－53．58
126． 129.08
Cr．26．2
$2,890, \therefore 69.30$
Dr．\＄329：T2． 20
24.219 .55
25.42

Dr． 40,065 i $\frac{2}{5}$
Dr．802．90
Ir． $395 .: 35.7$
$862,+41.03$
3.342 .39

453，25？
117， $295,: 24$
142，こ18．，9c8
354，589，76？
245，105
$13,804,+81$
324，544
309，487
652.963
$6,5 \div 7,460$
2，161，335
1，971，954 2，203，254
1，971，834
（Incluced in Canadian Lines $)$
$3,532.54$
505，20＋
132，251：10？
－47，301，002
$351,415,022$
200，67\％
19，705：27．
35.822
332.914
$70 \div: 079$
7，211： 346
2，205，01． 6

| $\$ 21.58$ | $\$ 29.79$ |
| ---: | ---: |
| $\$ 20.00$ | $\$ 7.98$ |
| 2.732 | 1,230 |
| 1.313 | 1.26 |
| 133 | 191 |


| $\$ 4.79$ | 34.27 |
| ---: | ---: |
| 307.4 | 369.6 |
| 438.3 | 421.6 |
| 1.020 .8 | 582.2 |
| 20.3 | 0.2 |
| 6.7 | 5.2 |


| \＄1．č＇ | ¢0， 72 |
| :---: | :---: |
| ＋4．6 | 50.2 |
| 6.4 | 5，5 |
| \＄＋．60 | \＆：7\％ |
| 255.9 | ごって |
|  | 58 |
| 21.6 | 20 11 |
| 2．3．3 6 | 7．7．6 |
| 2.3276 | $23^{3}+6$ |
| 34．30\％ | 112， 6 \％ |


$\$ 214,53,00$
OPERATITG REVENUES

Freight
\$9,711,092.84
1,134,936.92 198,574.73 876,717.43
39.86

188,827.14
$733,867.08$
$12,844,056.00$
\$2,950,293.83
2,632,809.84
532,142.92
5,770,192.26
103.548. 25

485,941.14
Cr. $\quad 35,202.00$
$12,439,726.24$
$\$ 404,329.76$
286,618.23 2,051.63
Cr. $128,877.50$
Dr. $\quad 3,114.24$
241,423.16

18,577.65
2,844,729
925,839,961
1,032,096,912
$2,438,854,394$
762,048
No. of revenue passengers carried
No. of revenue passengers carried one mile
45,817,223
\# Freight train miles
\# Passenger train miles
1,605,996
Total train miles (Rev. \& Non Rev.)
Freight car miles- loaded
Freight car miles- empty 1,516,605
3,177,693

Passenger train car miles
42,891,508

Number of employees " " " 1 " 227
DAILY AVEPAGES PER MILE OF ROAD OPERATED
Operating revenue
$\$ 22.30$
$\$ 21.60$
Operating expenses
$\$ 21.60$
1,608
No. of tons moved one mile (Rev. Fr.) 1,792
No. of rev. passengers carried one mile
80

## "AVERAGES PER FREIGET TRAIN MILE

## Freight revenue

$\$ 6.05$
No. of tons of freight (Rev. Fr.)
576.5

No. of tons of freight (All Fr.)
Gross ton miles
642.7

Loaded freight cars
1518.6

Bapty freight cars
26.7
14.0
\#AVERAGES PER PASSETGER TRAIN MILE
Passenger train revenues
\$1.58
Passengers cerried
30.2

Passenger cars
Average operating expenses per train mile
Average length of haul (Rev. Tr.) Miles
6.4

Average passenger journey Miles
Average tons per loaded freight car mile
3.91
325.5
60.1
24.1

Average passenger receipt per passenger per mile
$x$ Ratio of pay roll to operating revenues
Ratio of operating expenses to revenues
1.0496
2.4774
69.5\%
96.85\%
$\$ 11,089,966.33$
$1,881,043.64$
209,107.37
$1,065,191.38$
296.12

208,312.84
900,977.35
$15,354,895.03$
\$2,900,909. 66
3,049,391.62
642,227.15
6,501,846.94
$160,834.66$
$485,459.10$
Cr. $\quad 112,515.88$
$13,628,153.25$
\$1,726,741.78 283.515.20

Cr. $\quad 78,715.05$
Cr. 1,967.56
1,522,030.03
18,499.60
3,422,750
961,408,576
1,105,941,047
2,590,189,942
989,069 73,489,206 1,785,333 1,688,810
3,585,274
47,976,306
20,415,961
11,627,331
\$11,626,046
86,939
$\$ 26.77$
$\$ 23.76$
1,676
1,928
128
$\$ 6.21$
538.5
619.5
1450.8
26.9
11.4
\$1. 99
43.5
\$3.80
280.9
74.3
1.1546
$2.560 \phi$
64.9\%
88.75\%
$x$ - Revenue of Eastern Lines included to determine ratio.

*     - Contains a proportion of mixed train miles.

OPERATING REVENUES

## Freight

Passenger
Mail

## Express

Other freight train
Other passenger train
Fater line
All other
Total railway operating revenues
OPERRATING FXPENSES
Maintenance of way and structures
Maintenance of equipment
Traffic
Transportation
Miscellaneous operations

## General

Trans. for investment
Total reilway operating expenses

## OPYRATING INCOME

Not oparating revenue
Railway tax accruals
Uncollectable revenues
Hire of equipraent
Dr.
Joint facilities rents
Operating incom
OPHRATING STATI STICS
Average miles of road operated
Wo. of tons cerried
(Rev. 7x.)
No. of tons carrice one mile
No. of tons carried one mile (111
Gross ton miles, exel. of locomotive $\dot{\text { a }}$ tender
No. of revenue passengers carriod
No. of revenue passengers carried one mile

* Freight train miles
\# Passenger train milos
Total train miles (Rev. \& Non Rev.)
Freight car miles-loaded.
Freight car miles-empty
Passenger train car miles
Total amount of pay roll
Number of employees
DAIL I AVERAGES PER MILE OS ROAD OPERATED
Operating revenue
Operating expenses
No. of tons moved one mile (Rev. Fr.)
No. of tons moved one mile (All Fr.)
No. of rev. passengers carried one mile
\#AVHRRAGES PER FREIGET TRAIN MILT
Freight revenue
No. of tons of freight (Rev. Fr.)
No. of tons of freight (All Fr.)
Gross ton miles
Loaded freight cars
Impty freight cars
*AFERAGES PHR PASSENGER TRAIN IIILE
Passenger train revenues
Passengers 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
Average freight receipt per revenue ton mile
Average passenger receipt per passenger per mile
Ratio of pay roll to operating revenues
Ratio of operating expenses to revenues
Errata for April, 1931-
\$8,738,075.54
$1,528.975 .22$
279.412.82

444,296.88
$1,840.00$
261,640.97
$135,318.72$
677,044.22
$12,066,604.37$
$\$ 2,155,570.64$
2,219,272.10
813.529 .52
4.707.323.93
153.936 .55 287,982. 79 Cr. 42,193.21

10,295.422.32
\$2,711,182.05
343.275 .02

Cr. $\quad 49.690 .50$
$\$ 10,498,887.82$
2,253,395.15 299,092.45 $448,560.57$

$$
3,613.45
$$

353.126 .72
175.684 .52
935.517 .52
$14,967,878.20$
$\$ 3,362,059.70$
3,101,027.40 932,848.25
$5.593,261.35$ 223.184 .30 334.833 .47

Cr. 77.084 .19
$13.470,130.28$

$$
\begin{array}{r}
\$ 1.497,747.92 \\
340,251.24
\end{array}
$$

$$
\text { Gr. } 68,015,42
$$

$$
\operatorname{Dr}_{6} \quad 18,890,84
$$

$$
1,445.945 .91 \quad 1,206,621,26
$$

15.544 .9
2.113.310
$920,334,419$
1,087.021. 152
2.394.292,728

646,938
55.860,055
1.695,251
1.511.270

3,266,409
$40,918,954$
18.862,506

10,664, 127
\$7.011,206.59
58,911

| $\$ 25.04$ | $\$ 31.68$ |
| ---: | ---: |
| $\$ 21.36$ | $\$ 28.51$ |
| 1.910 | 1,825 |
| 2.256 | 2,206 |
| 116 | 169 |

$\$ 5.16$
542.9 641.2
1412.4
24.1
11.1

| $\$ 1.66$ | $\$ 1.92$ |
| ---: | ---: |
| 37.0 | 45.7 |
| 7.1 | 7.3 |
| $\$ 3.15$ | $\$ 3.60$ |
| 435.5 | 326.7 |
| 86.3 | 94.9 |
| 26.6 | 23.1 |
| $.949 \phi$ | $1.218 \phi$ |
| $2.737 \phi$ | $2.829 \phi$ |
| $58.1 \%$ | $60.1 \%$ |
| $85.32 \%$ | $89.99 \%$ |

$15,241.7$
$2.58,803$
\$62,127,091
1,042,184,903
$2,478.751 .157$
839.136
79.657,897

7,885,797
1.744,238
3.741,962

45,234.939
17,528,457
12,736,308
\$8.991,741.66
70.902
$\$ 31.68$
1,825
2,206
$\$ 5.57$
457.2
552.6
1314.4
23.9
9.3
1.92
7.3
$\$ 3.60$
94.9
$1.218 \phi$
60.1\%
89.99\%

Average length of haul (Rev. Fr.) Miles reads 310.1. Should read 427.5
\# - Ontains a pronortion of mixed train miles.
-6m
CANADIAN NATIONAT SYSTEM
(Steam Iines in Canada and United Stetes)
FOR THE MONTH OF MAY, 1931

## 1

OPERATING REVENUES


SUMMARI
For FHve Months ended Mas 31st
AUI RAILWAYS

Operating Revenues Operating Expenses
Net operating revenues
Operating Income
\$147,388,685.08 137.925,806.29 9,452,788.79 $4,746,497,46$
\$179,024, 342.69
$159,294,430,84$ 19,729,911.85 14,569,557.09

## CANADIAN NATIONAL RAILWAYS

| ```Operating revenues - Canadian Iines # United States Iines``` Total | $\begin{aligned} & \$ 59,615,120,55 \\ & 13,42,4, \frac{275 \cdot \frac{45}{}}{73,039,395 \cdot 00} \end{aligned}$ | $\begin{aligned} & \$ 72.963,871.86 \\ & 17,541,+91.39 \\ & \hline 90.505,363.25 \end{aligned}$ |
| :---: | :---: | :---: |
| $\begin{array}{r} \text { Operating expenses - Canadian Iines } \\ \text { \# United States Lines } \end{array}$ | $\begin{aligned} & 59,396,079.27 \\ & 12,209,276.17 \\ & \hline 11,602,355.44 \end{aligned}$ | $\begin{aligned} & 67,077,031.24 \\ & 14,279,289.59 \\ & \hline 81,356,320.83 \end{aligned}$ |
| Net operating revenues - Canadian Lines <br> * United States Lines <br> Total | $\begin{array}{r} 219,041.28 \\ 1,224,999.28 \\ \hline 1.434,040.50 \\ \hline \end{array}$ | $\begin{aligned} & 5,885,840,62 \\ & 3,262,01,80 \\ & 9,142,42,42 \end{aligned}$ |
| $\begin{aligned} \text { Operating income } & - \text { Canadian Iires } \\ & \text { United States Iines } \end{aligned}$ <br> Total | $\begin{array}{r}575,670.90 \\ 607,142.16 \\ \hline 182,87-36\end{array}$ |  |

GNADIAN NATIONAL RATLWAYS - TASTHRN IINEC

Operating revenues
Operating expenses
Net operating revenues
Operating income

Oper ating revenues
Operating expenses
Net operating revenue
Operating income
\# - Tncindina Central vemmont Railway.
$\$ 10,792,359.00 \quad \$ 12.801,035.00$
$13,320,584.19$
Dr. 2,528,225.19
Dr 2,067,22,19 J. $-040,997.50$
Dr. 2.963,922.79 Dr. 1,389,043.32
CANADIAN PACIFIC RAILTHY

$$
\begin{array}{r}
\$ 57,996,294.04 \\
50,452,125 \cdot 34 \\
7,544,168,70 \\
5,95 \div, 60 \%
\end{array}
$$

[^1]
[^0]:    \# Contains a proportion of mixed train miles.

[^1]:    $\$ 68,847,819.08$
    60,785,598. 56 8,062,220.12 $6,179,605.95$

