## His orical Filo Copy



> CANADA

DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS transportation brance
operating revenues expenses \& Statistics of

RAILWAYS

## With Annual Operating Revenues of $\$ 500,000$

For

SEPTEMBER
1929

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

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$$

[^0]OPERATING REVENUES, EXPFNSES \& STAIISTICS
STEAM RAILTAYS OF CANADA
WITH ANIUAL OPERATLITG REVEMUNS OF $\$ 500,000$
FOR THE MONTH OF SAPTEMBER, 1929

Canadian railways showed a decrease in gross revenues for September as compared with revenues for September last year of $\$ 2,951,437$, or 5.8 per cent. Freight traffic was lighter by 13.2 per cent, due almost entirely to a light grain traffic and passenger traffic also decreased by 10.2 per cont. Through reductions in maintenance of way and structures and transportation expenses, total operating expenses were reduced by $\$ 1,004,921$, makirg the reduction in the net operating revenue $\$ 1,946,516$.

For the nine months, January - September, gross revenues were $\$ 397,887,084$ as against $\$ 390,871,837$ last year and net operating revenues were $\$ 68,858,443$ as against $\$ 70,864,955$.

BASTERN IINES - CANADIAN NATIONAL RAILWAYS: The Fastern Iines earned $\$ 438,131$ more than in September 1928, freight traffic being heavier by 2 per cent, freight revenues increasing by $\$ 320,522$, and passenger traffic being heavier by 2.1 per cent with passenger revenues increasing by $\$ 35,516$. Operating expenses were heavier by $\$ 57,582$, thus reducing the operating loss by $\$ 380,548$, the operating ratio being only 101.48 per cent as against 119.28 per cent for September 1928.

For the nine months, the gross revenues were $\$ 22,845,714$ as against $\$ 20,255,832$ in 1928 and the operating income debit was $\$ 3,433,201$ compared with $\$ 4,384,717$, or a betterment of $\$ 951,516$.

CANADIAN NATIONAL RAILWAYS: Gross revenues were less then for September 1928 by $\$ 1,572,343$ and, with a reduction ir operating expenses of only $\$ 534,399$, the net operating revenue was reducer by $\$ 1,03$ ?, 944 . Freight traffic was lighter by 14.8 per cent and passenger traffic decroased by 11.8 per cent. The average freight revenues per freight train mile, however, were larger by 14 cents due to a larger percentage of high class freignt.

The lines in the United States elso snowed reduced net operating revenues, the system net revenue (exclusive of تastern Lines) being less by $\$ 1,320,322$.

For the nine months, the net rovenue of the Canadian lines amounted to $\$ 24,490,178$ as against $\$ 26,768,853$ in 1928, but the Ynited States lines showed an increase of $\$ 519,066$, making the Cecrease for tho systom $\$ 1,759,608$.

CANADIAN PACIFIC RAILWAY: A decrease in freight traffic of 16.1 per cent, which was largely western grain, reduced the freight revenues by $\$ 1,523,953$ and a decrease in passenger traffic of 9.8 per cent reduced the passenger revenues by $\$ 192,169$, the total revenues being less than for September 1928 by $\$ 1,732,588$, or 8.0 per cent. Operating expenses were lighter by $\$ 535,052$ and net operating revenues decreased by $\$ 1,197,535$. The pay roll was less by $\$ 427,740$ for a reduction in the number of employees of 4,49 ? , or 6.5 per cent.

For the nine months, gross revenues were heavier than in 1928 by $\$ 1,941,250$, but the operating income was lighter by $\$ 3,093,500$.

29/11/29/GA 1026

## 

Freigit reronue

Gross ton miles
Loaded. Ireight cars
Rontur fiekit cars
\#AVHRACES PER PNSSTNGER MRAIN MIIE
Passenfers camjed
Pessenger ceins
$\$ 34,562,2-1,65$ $7.011,681.57$ 652.322. 53 2,175,065,27 3.044,2? $945,389,00$ $287,8 \% 7,95$
2,503,593,78
$48,142,465,98$
\$5,304,398,46 8,208,770,79 $1,500,503.56$
$17.067,743.56$
$619,443.45$
1,055,427.40
Cr .
242,950. 69
$36,643,336.53$
$\$ 11,499,129.45$
$754,143.71$ 1. 763.11

Dr. 211,7⒈79
Dr. 85,057.94
$10,443: 44.90$
40, 87 3, 71
13,240,800
3,3?2,059,004
3,688,374,043
8,590, 36,85 ,
2,820.195
254,380,185
5, 564,586
4,593,632
10,361,070
149.561 .938
70.255 .971

34,073,216
$\$ 23,474,097.78$
181,203

| $\$ 39.26$ | $\$ 2.2 .57$ |
| ---: | ---: |
| $429.2 \%$ | $\$ 31.22$ |
| 2,101 | 3,135 |
| 3,008 | 3.225 |
| 207 | 2.35 |

No. of tons ai feeight (Rev. Fr.)
No. of tons 0 : freight (All Fr.)

Passenger train levenues

Average operating expenses per train mile
Average leneth of haul (Rev.Fr.) Miles
Arerajo paraciger journey Miles
Average tons pe: loaded frojght car mile
Average feight receipt per rev ton mile
Average passencer receipt per passenger per mile
Ratio of pey roll to operating revemues
Ratio of operating sinenses to revenues
\$37,92,393.16
$7,412,456,51$ 547.323 .414

2,167,092.21

1. 745.90 $384,595,32$ 3C1,62l:0?
$2,485,761.7$
$51,093.903 .34$
$\$ 8,813,327.12$ 8,253:46? 35 1,518.791,7
$17,805,16,14$ $556,807.40$
1,056,600, 88
Cr. $242,24+9$ ?
37,648,258,02
$\$ 23,445,645,82$ $116,679,87$
4, 327:9
Dr. 205.704.?
Dr. $30,51+, 02$
$12,488,4 \geq 9,87$
$40,199.67$
2. 741.095
$3,840,520,92$,
$4,251,386,363$
9,719,095,957 3.027.505 283.277, 494
$6,54,500$
4,573,650
3. $+10,28$ R

168,588. 302 ?
$81: 839.8=5$
34,278,002
$\$ 23.6 .90,170.07$
185,899
$\$ 2,2,57$
$\$ 31,22$
3,135
3.525
2.35
\$5. 60

| $\$ 5.89$ | $\$ 5.60$ |
| ---: | ---: |
| 554.3 | 518.3 |
| 628.3 | 040.1 |
| 1464.9 | 1.63. |
| 25.5 | 2.5. |
| 12.3 | 12.3 |

\$2.5

| \$2.45 | \$2.5 |
| :---: | :---: |
| 57.8 | 64.8 |
| 7.7 | $7{ }^{-5}$ |
| \$3.77 | \$3. 30 |
| 250.1 | 301.4 |
| 90.2 | 97.5 |
| 24.7 | 25.2 |
| 1.014\% | 955\% |
| $2.756 \%$ | 2.6 .74 |
| !8.8\% | 4.6 .18 |
| $76.11 \%$ | $75.6 \%$ |

*- Conteins a proportion of mixed train miles.

| OPPRATIITG REVENUES |  |  |
| :---: | :---: | :---: |
|  |  |  |
| Freight xx | \$1,737,579.00 | \$1,417, c56.70 |
| Passenger | 426,688.00 | 391,172.00 |
| Mail | 68,100.00 | 64,375.00 |
| Express | 173,271.34 | 164,119.16 |
| Other freight train |  |  |
| Other passenger train | 71,187.87 | 59,828.92 |
| Tater line |  |  |
| All other | 136,861.79 | 79,004.92 |
| Total railvay operating revemues | 2,613,688.00 | 2,175,556.70 |
| OPTRATINC EXPENSES |  |  |
| Maintenance of way and structures | \$618,393.98 | \$765,399.58 |
| Maintenance of equipment | 521,944.01 |  |
| Traffic | 99,455.94 |  |
| Transportation | 1,264,192.13 | 1,163,863.34 |
| Kiscellaneous operations | 38,967.37 | 36,834.96 |
| General | 112,087.57 | 109,003.33 |
| Trans. for investment | Or. $2,541.86$ | Cr. $3,430.08$ |
| OPHRAIING INCO:IE |  |  |
| Net operating revenue | Dr. \$38,811.14 |  |
| Railway tax accruals | 23,380.98 |  |
| Uncollectable revenues | 21.22 | 3,150.23 |
| Hire of equioment | Br. $23,565.77$ | Dr. 21,241.66 |
| Joint facilities rents | 169.37 | E94. 02 |
| Oenating income | Dr. $\quad 85,948.48$ | . $464,807.47$ |
| OPGRATIME STATISTICS |  |  |
| Aversge miles of road operated | 3,130.96 | 3,108.04 |
| No. of tons carried (Rev.ir.) | 597,552 |  |
| No. of tons carried one mile | 139,232,226 | 136,544,52 |
| No. of tons carried one mile (A11 Pr.) | 157,087,630 | 149,698,021 |
| Gross ton miles, excl. of locomotive \& tender | 357,502,779 | 340,662,872 |
| No. of revenue passengers carried | 263,567 | 266,527 |
| No. of revenue passengers carried one mile | 17,829,013 | 17,461,385 |
| Freighi train miles | 346,600 | 331,519 |
| * Passenger train miles | 327,150 | 314,786 |
| Total train miles (Rev. \& Non Rev.) | 696,814 | 681,769 |
| Freight car miles-loaded | 7,094,899 | 6,759,872 |
| Treight car miles-empty | 2,163,437 | 2,157,090 |
| Passenger train car miles | 2,395,037 | 2,254,302 |
| Motal amount of pay roll | (Included in | Canadion Lines) |
| Number cf employees | " " | " " |
| DA Y AVERAGES PER MILE OI ROAD OPRRATED |  |  |
| Oprasing revenue | \$27.83 | \$23.33 |
| Operating expenses | \$28.24 | \$27.83 |
| No. of tons moved one mile (Rev. Fr.) | 1,482 | 1,464 |
| No. of tons moved one mile (All Fr.) | 1,672 | 1,605 |
| \#AVIRAGES PER RESIGHT TRAIN MILE |  |  |
|  |  |  |
| Treight =evenue | \$5.01 | \$4. 27 |
| No. of tons of freight (Rev. Fr .) | 401.7 | 411.9 |
| No. of tons of freight (All Fr.) | 453.2 | 451.6 |
| Gross ton miles | 1031.5 | 1027.6 |
| Loaded freight cars | 20.5 | 20.4 |
| Frapty freight cars | 6.2 | 6.5 |
| *AVERIGIS PER PASSTICRR TRAIN MILE |  |  |
| Passenger traja revenues | \$2.26 | \$2.16 |
| Passengers cerried | 54.5 | 55.5 |
| Pessenger cars | 7.3 |  |
| Average operating expenses per train mile | \$3.81 | \$3.8. |
| Average length of havil (Rev.Fr.) Miles | 233.0 | 256.9 |
| diveraje passenger journey Miles | 67.6 | 65.5 |
| Avarage tons ne: loaded freight car mile | 22.1 | 22.1 |
| Average freight receipt per revenue ton mile | 1.248¢ | 1.038 ¢ |
| Average passenger receipt per passenger per mile | 2.3938 | 2. 2404 |
| Ratio of operatitig expenses to revenues | 101.48\% | 119:28\% |
| :x - Including Acct. Maritime Freight Rates Act | 209,041,00 | 181,328.70 |

* Contains a proportion of mixed train miles.
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MO. - $+\cdots$
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$\square$

OPWRTITNC RMYMUSS

Prevint
F'assenger
Mnit
Expess
O*her freidet train
Cthe" passerger train
Tatei jine
sil other
Notal zailway sperating revenues
OPSRA CNG FXPMSES
Mainterance of way and structures
Mainterince of equipment
Tiaffic
Prasportation
Miscellanechs operations
Gereral
Trans. for investment
Total railmay operating expenses
OPEPATING ITCOH
Neit operating revenue
Roilway tox accruals
Uncollecteble revenues
Hire o: equipment
Joint facilities rents
Operating income
OPHZAIITG STATESTCSS
Averece milos of road operated
No. of tons carried
(Rev.Fr.)
No. Of tons carried one mile " "
No, of tons carried one mile (All $\operatorname{Tr}$.)
Gruss ton milus, excl. of locomotive \& tender
Trn. if revemue passengers carried
No. of revimin passengets carried one mile
\# Frelent urair mínes

* Veasenger train miles

Totai 'rain mi_es (Sev. \& Non Rev.)
Freiknt anr miloo-loaded
Frejeght car miles mpty
Pas:yengor tritn car miles
Totel amount of pay roll (Including Eastern Lines)
Nunier of mployees
DATI I :VERATS SKR ITLE OF ROAD OPFRATED
operating revenie
Oncreting expeases
No. of tons moved one mile (Rev. Ar.)
MO. of tons moved one mile (All FT.)
To. of zur parcengers carried one mile
\#AVFIGGDE ITP TRMGET TRAIN MHE
Ireight revenue
Wh. of tons of freight (Rev. Pr.)
TTo of tons of faeight (Ail Fr.)
Gross tor mites
Loaded freight cars
Inpty frsight cers
*AVERAGES DTM: FABSTVGER TRAIN MILE
Dasscretr hat revemues
\$14,306,031, 87 2,599,655.72 216,917.99
1,183.126. 85
35?.78 333,790.22

1,204,929. 05
$19,844,80+48$
\$3.564, 261.05
$3,423,230.53$ $531,447,23$
7,645,886,91 213,920.00 478,818.56 235,769.98 $25,620,794.30$
$\$ 4,224,010.18$

$$
270,7+3.02
$$

Cr.
Dr.
\$15,729,316.04 $2,127,1.87 .66$ 217.325 .77

1,220,587.97
304.621 .27

1,218,109.27
21, $41 \% 147.08$
\$3,919,70こ. 29
$3: 342,257-25$
$5.5,207.37$
7,985,627.07 $190,347.21$
$4=5,592.92$
233, 139.42
$16,255, i 93.59$
\$5,261,954. 39
$253,800, i 5$
979.48
2:,2+0.40
Cr. 17,556.50
5,000, +90. 25
$17,821,47$
$4,539,049$
1,747,074, 201
$1,937,216,6,0$
4,202,836,1.22
1.197.798
$112,646,1.54$
2,687.017
1,751, 005
4,679, 3 조
72,320. 83.2
35,663,585
13,387,264
\$12,831,428
101.951
$\$ 40.06$
$\$ 30.22$
3,268
3,627
211
$\$ 5.85$
650,?
721.0
1564. 1
27.1
23.3
\$2. 55
$\$ 2.46$
Passengers carrjed
56,4
Fasserger cers
Average onemtivg expenses per train mile
Averge lencich of haul (Kev. Fr.) Miles
\$3. 62
327.9
87.2
dverage tors ne: loaded freight car mile
26.3
.9616
2. 616

Aver ge dassenter receipt per passenger per mile
$x$ Ratio of agy noli to operating revenues
Ratio of aperating axpenses to revenues

## CATADIAT PLCFEIC RAILTAY



Kainionance of way and structures
Kaintenance of equipment
Iraffic
Transportation
Miscellaneous operations
General
Trans. for investment
Total railway operating expenses
OPFRATING IITCOMS
Net operating revenue
Railmay tax accruals
Uncollectable revenues
Hise of equipment
Joint faciltties rents
Operatine Income

## OPMRAMING STAMISIICS

Averace riiles of $r$ oar operated
No. of tons carried
(Rev. $\mathrm{Fr}_{\mathrm{n}}$.)
No. of tons carried one mile
" ${ }^{\prime \prime}$
No. of tons carricd one mile (All Fr.)
Gross ton miles, excl. of locomotive \& tender
ITO. of rercmue passengers carried
No. of rev. passengers carried one mile
\# Freight train miles
\# Passeneer train miles
Totai traia miles (Rev. \& Non Rev.)
Freicht car milles-lcaded
Freight car miles-empty
Passenger irain car miles
Total amount of pay roll
Wumber of employees
IAILY ATMAGES IER MIE OF ROAD OPERATED
operatins revenue
Operatine erpenses
No. Of tons moved one mile (Rev. Fr.)
No. of tons mover one mile (All Fr.)
No. of rev. passengers carried one mile
\$14,230,701.58 3,008,019.84 302,127.47 550,603.62 1,931. 28 500,360.92 249,058.71 950,046.91
19,792,850.33
\$3,188,803.81
3,351,689. 47 879,129.94
6,470, 997.25 29'4,886.79 312,852.38
Cr.
$14,498,359.64$
\$5,294,490.69
318,916.78
Cr. $\quad 65,762.34$
Dr. $\quad 30,716.30$
5,010,619.95
14,782.4
4,780,820
1,381,591,008
$1,532,775,968$
3,715,569,741

$$
956,925
$$

105,980,870
2,488,439
1,808,150
4,380,636
61,833,725
30,475,727
14,010,231
\$8,507,084.79
64,588

| $\$ 44.63$ | $\$ 49.91$ |
| ---: | ---: |
| $\$ 32.69$ | $\$ 34.86$ |
| 3.115 | 3.819 |
| 3.456 | 4,283 |
| 239 | 273 |


| $\$ 5.72$ | $\$ 5.34$ |
| ---: | ---: |
| 555.2 | 558.4 |
| 616.0 | 626.1 |
| 1493.1 | 1447.1 |
| 24.8 | 24.2 |
| 12.2 | 11.8 |

\$15,754,655.23
3,200,189. 45
304,132.71 538,930.81 911.08 478,185.82 262,031. 50 $986,402,33$
$21,525,438.93$
\$3,232,886.49
3,447,589.63 841,308. 75
6,911,999.37 270,211.92 329,416.35
$15,033,412.51$
\$6,492,026.42 303,805.38

Cr. $94,185.16$
Cr. 15,797.78
6,298,203.98
$14,376.7$ $4,367,51+5$
1,647,077,730
1,847,076,399
4,268,930,505 1,046,724
117,543,840 2,949,897 1,812,370 4, 845,484 71,529,607 34,845,918 14,367,231
$\$ 8,934,825.78$
69,080
$\$ 49.91$
3,819
, 283
273

## アassonge treja rovemues

\$2. 41
Passengeis carwioá
Passerge" nem\%
Average operat: $z_{i}$, senses per train mile
Average lengtn of in (Fev.Ic.) Miles
Average nacrenger fourrey Miles
Average ticas pe- lowind freight car mile
Average freight receipt per revenue ton mile
Average parsarger receip
Ratio of pay roll to jperating revenues
Ratio of operaving erpenses 10 revenues
Freight revenue
No. Of toms of freight (Rev. Pr.)
No. of tons of freight (All Fr.)
Gross ton milos
Loaded freight cars
Mmpty forciaht cars
\#AVERAGTS THP PASEFIGI. TRAIN IIIE
$\begin{array}{rr}\$ 2.41 & \$ 2.49 \\ 58.6 & 64.9\end{array}$
$7.7 \quad 7.9$
\$3.31 \$3.10
$289.0 \quad 377.1$
$\begin{array}{rr}110.8 & 112.3 \\ 24.8 & 25.8\end{array}$
$\begin{array}{lr}1.030 \phi & .957 \phi \\ 2.838 \phi & 2.723 \phi \\ 43.0 \% & 41.5 \% \\ 73.25 \% & 69.84 \%\end{array}$

* Contains a proportion of mixed train miles.

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                                \(4 \times\)
                                6
\[
x a y=0
\]


OPERATING REVENUES


SUMMARI
For Nine Months ended September 30th
ALL RAILWAYS

1929
\(\$ 397,887,084.85\) 329,028,641.00 \(68,858,443.85\) 58,960,633.59

\section*{CANADIAN NATIONAL RAILWAYS}

Operating Revenues - Canadian Lines
United Statos Iines
Total
\(\$ 162,834,303.58\)
\(\frac{33,874,000.42}{196,708,304.00}\)
138,344,124.81
\(\frac{24,036,989.60}{162,382,11+.41}\)
Net Operating Revenue - Canadian Lines
United States Lines
Total
24,490,178.77
\(9,837,010,82\)
\(34,327,189,59\)
\(21,756,350.48\)
\(\begin{array}{r}5,244,022.87 \\ \hline 27,000,373.35 \\ \hline\end{array}\)

\section*{CANADIAN NATIONAL RAILWAYS-EASTERN LINES}

Operating Revenues
Operating Bxpenses
Net Operating Revenue
Operating Income
\[
\begin{array}{r}
\$ 22,845,714.00 \\
25,769,552.22 \\
\text { Dr. } 2,923,838.22
\end{array}
\]
\[
\text { Dr. } \quad 3,433,201.46
\]

1928
\$390,871, 837.58 320,006,882.06 \(70,864,955.52\) 62,532,962.30
\$163,072,066.19 \(\frac{33,245,755.81}{196,317,822.00}\) \(136,303,213.05\) \(23,927,811.81\) \(160,231.024 .86\) 26,768,853.14 \(\begin{array}{r}9,317,944.00 \\ \hline 36,086,797.14\end{array}\) \(24,796,348.34\) \(\begin{array}{r}4,547,332.55 \\ \hline 29,443,680,89 \\ \hline\end{array}\) \(\$ 20,255,832.14\) \(24,196,516.17\) Dr. 3,940,684.03 Dr. 4,384,717.95

\section*{CANADIAN PACIFIC RAILWAY}

\footnotetext{
Operating Revenues
Operating Expenses
Net Operating Revenue
Operating Income
}
\[
\begin{array}{r}
\$ 159,713,472.24 \\
129,166,332.02 \\
30,547,140.22 \\
28,131,789.23
\end{array}
\]

\footnotetext{
\$157,772,221.67
124,583,901.46 33,188,320.21 31,225,289.66
}

1 !
 : if \(\because\) т.






arit it Linctis?
- -


\(\square 0-20-20\)
\(-1\)

\author{

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- \(\because\),
\(\because \therefore \quad \therefore \quad \therefore 10\)

\(00 \%\) -

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