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CANADA
DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS TRANSPORTATION BRANCB

OPERATING REVENUES EXPENSES \& STATISTICS
of
RAILWAYS

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

For
MAY
1930

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

OTTAWA
1930

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Dominion Statistician, R.F. Coats, B.A., T.S.S., (Hon.), F.R.S.C.
Chief, Iransportation \& Public Utilities Branch, G.S. Wrong, B.Sc.

OP ERATITG REVEIUES, EXPINSES \& STATISTICS
STEAM RAIITAYS OF CANADA
WITE ANNUAL OPERATING REVENUES OF $\$ 500,000$
FOR THE MONTH OF MAY, 1930

Gross operating revenues for Canadian rallways for May amounted to $\$ 37.844,720$, as against $\$ 45,347,371$ in 1929 and $\$ 43,654,787$ in 1928. Operating expenses amounted to $\$ 33,737,926$, or $\$ 5,349,748$ less than in 1929, maintenance of way and structures decreasing by $\$ 2,550,541$, or 24.3 per cent, end maintenance of equipment by $\$ 1,146,884$, or 13.0 per cent. Net operating revenues were reduced by $\$ 2,152,902$ and the pay roll was less than in May, last year, by $\$ 3,115,243$. or 12.2 per cent, for a reduction of 27,218 in the number of employees. Freight traffic continued light, being 23 per cent less than in 1929 and passenger traffic also decreased by 12 per cent.

For January - May, gross revenues amounted to \$179,172,253 and net operating revenues to $\$ 19,729,911$, as against $\$ 212,072,799$ and $\$ 36,045,639$, respectively, in 1929.

EASTERN IINES - CANADIAN TATIOTAL RAILTMYS: Operating revenues were lighter than for May, 1929 , by $\$ 25,785$ and operating expenses were reduced by $\$ 188,387$, thus reducing the net operating revenue debit by $\$ 162,602$. Freight traffic amounted to $132,257,492$ revenue ton miles, as against $171,591,571$ ton miles in April and $155,367,743$ ton miles in May, 1929.

For January - May, gross revenues amounted to $\$ 12,801,035$ and the operating income deficit to $\$ 1,389,043$, as against $\$ 12,332,440$ and a deficit of $\$ 1,453,682$ in 1929.

CANADIAN NATIONAL RAILTXAYS: GROSs revenues for May, amounting to $\$ 15,354,895$, were less than in 1929 by $\$ 3,237,500$, or 17.4 per cent. Operating expenses were reduced by $\$ 2,811,037$, or 17.1 per cent, and the net operating revenue, amounting to $\$ 1,726,741$, was less by $\$ 426,462$. Freight traffic decreased by 20 per cent and passenger traffic by 8.2 per cent. The decrease in the total pay roll amounted to $\$ 1,852,044$, or 13.7 per cent, for a decrease in employees of 17.154 , or 16.5 per cent.

The lines in the United States all showed smaller gross revenues than in 1929 and, with the exception of the New England Lines, also showed decreases in net onerating revenues, the system (exclusive of Eastarn Lines) showing a decrease in igross revenues of $\$ 4,298,256$ and in net operating revenues of $\$ 956,803$.

For January - May, Canadian lines showed a decrease in net operating revenues of $\$ 7,082,579$ and United States lines a decrease of $\$ 2,952,216$, making a decrease for the system of $\$ 10,034,795$.




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CANADIAN PACIFIC RAILTAY: With a decrease in freight traffic of 29.1 per cent and in passenger traffic of 18.5 per cent, gross revenues were less than for May, 1929 , by $\$ 3,285,569$, or 18.1 per cent. The reduction in operating expenses was $\$ 1,965,545$, or 12.8 per cent, which reduced the net operating revenues by $\$ 1,320,024$. The total pay roll was reduced by $\$ 1,107,909$ or 11.1 per cent, and the number of employees was reduced by 8,962 , or 11.3 per cent.

For January - May, gross revenues amounted to $\$ 68,160,313$ and the operating income to $\$ 6,585,971$, as against $\$ 84,100,285$ and $\$ 13,363,905$, respectively, in 1929.

30/7/30/GA



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|  | 1930 | 1929 |
| :---: | :---: | :---: |
| OPERATIITG REVENUES |  |  |
| Freight | \$27,067.108.14 | \$33,505.354.47 |
| Passenger | 5,294,918.20 | $6,135,416.38$ |
| Mail | 631,112.51 | $654,124.65$ |
| Express | 1,892,842.99 | 1,879,480.88 |
| Other freight train | 4.031 .81 | 21,105.41 |
| Other passenger train | 628,196.78 | 691,028.40 |
| Water line | 215,132.64 | 334, 671.77 |
| All other | 2,111,377.68 | 2,126,989.46 |
| Iotal railway operating revenues | $37,844,720.75$ | $45,347,371.42$ |
| OPERATING EXPENSES |  |  |
| Maintenance of way and structures | \$7,924,882,62 | \$10,475,423.64 |
| Maintenance of equipment | 7,698,970.05 | 8,845,854.36 |
| Traffic | 1,770,315.42 | 1,667,171,66 |
| Transportation | $14,880,653.88$ | $16,644,445.67$ |
| Miscellaneous operations | 460, 713.74 | 514,298.24 |
| General | 1,127,651.10 | 1,068,310.00 |
| Trans. for investment Cr. | 125,259.93 | Cr. 127,828,60 |
| Total railway operating expenses | 33.737 .926 .88 | $39.087,674.97$ |
| OPFRATING INCOME |  |  |
| Net operating revenue | \$4,106,793.87 | \$6,259,696.45 |
| Railway tax accruals | 765,807.69 | 781,167:37 |
| Uncollectable revenues | 2,021.10 | 3.79 |
| Hire of equipment Dr. | 134,709,06 | Dr. 329,568,27 |
| Joint facilities rents Dr. | 96,863.63 | Dr. 47,604.95 |
| Operatins income | 3,107,392.39 | $5,100,612.17$ |
| OPHRATIITG STATISTICS |  |  |
| Average miles of road operated. | 41,419.48 | 40,473.18 |
| No, of tons carried (Rev. Fr.$)$ | 9,480,266 | 11,031,912 |
| No. of tons carried onemile " | 2,213,015,000 | 2,873,688,959 |
| No. of tons carried one mile (All Fr.) | $2,550,234,457$ | 3,404,976,129 |
| Gross ton miles, excl. of locomotive \& tender | 6,246,211,365 | 7,700,686,528 |
| NV. of revenue passengers carried | 2,491,681 | 2,730,716 |
| No. of revenue passengers carried one mile | 196.746.574 | 223,599,271 |
| * Freight train miles | 4,671,911 | 5,561,435 |
| * Passenger train miles | 4,238,406 | 4,287,942 |
| Total train miles (Rev. \& Non Rev.) | 9,174,686 | 10,625,378 |
| Freight car miles-loaded | 115,377,608 | 141,272,149 |
| Freigit car miles-empty | 50,515,512 | 63,988,414 |
| Passenger train car miles | 30,335,287 | 31,567,675 |
| Total amount of pay roll | \$22.431,365.02 | \$25,546,608.34 |
| Number of employees | 171,226 | 198,444 |
| DAILY AVFRAGES PER MILE OF ROAD OPERATED |  |  |
| Operating revenue | \$29.47 | \$36.14 |
| Operating expenses | \$26.28 | \$31.15 |
| No. of tons moved one mile (Rev. Fr.) | 1,724 | 2,290 |
| No. of tons moved one mile (All Fr.) | 1,986 | 2,714 |
| No. of rev. passengers carried one mile | 153 | 178 |
| \# AVERAGES PHR FREIGHT TRAIN MILE |  |  |
| Ireight revenue | \$5.79 | \$6.03 |
| No. of tons of freight (Rev.Fr.) | 473.7 | 516.7 |
| No. of tons of freight (All Fr.) | 545.9 | 612.2 |
| Gross ton miles | 1337.0 | 1384.7 |
| Loaded freight cars | 24.7 | 2.5 .4 |
| Impty freight cars | 10,8 | -1. 5 |
| AVERAGES PER PASSENGMR TRAIN MILE |  |  |
| Passenger train revenues | \$1.99 | \$2.18 |
| Passengers carried | 46.4 | 52.1 |
| Passenger cars | 7.2 | 7.4 |
| Average operating expenses per train mile | \$3.68 | \$3.68 |
| Average length of haul (Rev.Fr.) Miles | 233.4 | 260.5 |
| Averace passenger joumey Miles | 79.0 | 81.9 |
| Average tons per loaded freight car mile | 22.1 | 24.1 |
| Av. freight receipt per revenue ton mile | 1.2234 | $1.166 \phi$ |
| Av. passenger receipt per passenger per mile | $2.691 \phi$ | 2.7444 |
| Ratio of pay roll to operating revenues | $59.3 \%$ | 56. $3 \%$ |
| Ratio of operating expenses to revenues | 89.15\% | 86,20\% |

##  <br> $\because \quad-\quad+\frac{1}{2}$

## TASTYRN IINES

CANADIAN NATIONAI RAILTAYS
For the Month of May, 1930

## OPERATITG REVEIUES

Freight xx
Passenger
Rail
Express
Other freight train
Other passenger train
Water line
All other
Total railway operating revenues
OPRRATING EXPENSES
Maintenance of way and structures
Maintenance of equipment
Traffic
Transportation
Misceilaneous operations
General
Trans, for investment
Total railway operating expenses
OPRRATING INCONT
Net operating revenue
Railway tax accruals
Uncollectable revemues
Hire of equipment
Joint facilities rents
Operating income
OPRRATING STATISTICS
Average miles of road operated
No. of tons carried
(Rev, Fr.)
No. of tons carried one mile
(Rev. Fr.
No. of tons carried one mile (All Mr.)
Gross ton miles, excl. of locomotive \& tender
No. of revenue passengers carried
No. of revenue passengers carried one mile

* Freight train miles
* Passenger train miles

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 Impioyees
DAILY AVERAGES PER MILE OF ROAD OPERATED
operating revemue
Operating expenses
No. of tons moved one rile (Rev. Fr.)
No. of tons moved one mile (All Fr.)
No. of rev. passengers carried one mile
\#AVERAGES PRR FREIGFT TRAIN MIIS
Freight revenue
No. of tons of freight (Rev. Mr.)
No. of tons of freight (All Mr .)
Gross ton miles
Loaded freight cars
mopty freight cars
*AVERAGES PER PASSENGER TRAIN MIIT
Passenger train revemes
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
AT. freight receipt per revenue ton mile
Av. passenger receint per passenger per mile
Ratio of operating expenses to revenues
xx - Including Acct. Maritime Freight Rates Act

*     - Contains a proportion of mixed train miles.

1930
$\$ 1,743,774,00$ $430,331.00$ $67,400.00$ 165,000.00 42,021.34 112,200.65 $2,560,727.00$
$\$ 710,593.19$
$697,054,24$
88.667 .62
$1,238,558.85$
$29,153.58$
$126,729.08$
Cr.
287.26 $2,890,469.30$

Dr. \$329,742.30 24.979 .65 25.45

Dr. $40,065.45$
Dr. $\quad 892.90$
Dr. 395.705.75
$3,332,54$
503,204
$132,257,492$
$147,30,002$
$351,446,932$
290,678
$19,703,014$
357,822
332,914
704,079
$7,211,346$
$2,205,016$
$2,203,194$

Dr. $\$ 492,345.12$ 28,623.41
43.14

Dr. $33,060.80$
Cr. $\quad 1,244.92$
Dr. $552,827.55$
3.104 .36
623.796
$155,367,743$
177,870,396
398,962,075
326,283
18,977,863
398,823
334.588

758,743
7.951,373

2,272,430
2,284,155
(Included in Canadian Iines)
" "
$\$ 26.88$
$\$ 24.79$
$\$ 27.98$
1,280
\$31. 99
$\begin{array}{ll}1,426 & 1,614 \\ 1,848\end{array}$
191197
$\begin{array}{rr}\$ 4.87 & \$ 4.63 \\ 369.6 & 389.6 \\ 411.7 & 446.0 \\ 982.2 & 1000.3 \\ 20.2 & 19.9 \\ 6.2 & 5.7\end{array}$
$\$ 2.12$
59.2
59.2
6.6
$\$ 4.11$
262.8
67.8
20.4

1. $318 \phi$
$2.184 \%$
112.88\%
$\$ 224.058 .00$
$\$ 1.98$
56.7 6.8 $\$ 4.06$ 249.1

$$
58.2
$$

$$
22.4
$$

$$
1.188 \phi
$$

2.1334
$119.04 \%$

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$\because \quad \because$
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P(tyksem:
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 $041-4$
$\therefore-1+1$
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$\because$ ..... 38हो( ) -
Fourtonge


$\square-2 \cdot \sin$
$-8$
$\because:$

88
$!+14=0-20$
$\therefore 11^{3}-4, \ldots+\cdots$

OPERATENG REVENUSS

Freight
Passenge:
Meil
Express
Coher freight train
Other passenger train
Water line
All other
Total railway operating revenues
OPERATING ETPENSES
Maintenance of way and structures
Maintenance of equipment
Traffic
Transportation
Miscellaneuus operations
General
Irans. for investment
Total raiiway operating expenses
OPERATING INCOME
Net operating revenue
Railmay tax accruals
Uncoilectable revenues
Hire of equipment
Joint facilities rents
Operating income
$\$ 11,089.966 .33$
$1,881,043.64$
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. $112,515.88$ $13.628,153.25$
\$1,726,741.78 283,515.20 1,879.16
Cr
Cr
Cr. $\quad 18,715.05$
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
Freight car miles-empty
Passencer train car miles
Total amount of pay roll (Including Eastern Linesill, 626,046
Number of employees
86,939

DAILY AVERAGES PGR MILE OF ROAD OPMRATED
Overating revenue
Operating expenses
$\$ 26.77$
$\$ 23.76$
No: of tons moved one mile (Rev. Fr .)
No. of tons moved one mile (All Mr.)
1,676
No. of row. passengers carried one mile
\#AVERACES PER FREIGHT IRAIN MILE
Freight revenue \$6.27
No, of tons of freight (Rev. Fr.)
No. of tons of freight (All Tr.)
Gross ton miles
Loaded freight cars
Empty freight cars
\#AVER AGES ITR PASSENGFR TRALN MILT
Passeleer train revenues
$\$ 1.99$
Passencers carried
Passenger cars
Average oronating expenses per train mile
Average lempth of houl (Rev.Fr.) Miles
Arerage passenger journey Miles
Average tons por louded freight car mile
Average freight :eceipt per revenue ton mile
Ar. passerger recoipt per passenger per mile
$x$ Ratio of pay roll to operating revenues
Ratio of jperating expenses to revenues
x - Reverue of Eastern Lines included to determine ratio
\# - Contains a proportion of mixed train miles.
$\$ 13.894 .558 .85$
2,196,895.63
216,280.22
1,039,347.87
20,206.12
$212,464.33$
1,012,642.14
$18,592,395.16$
$\$ 4,382,964.65$
3.537.963.07
$582,174.38$
7,422,049.56 172,090.20 465,004. 15
Or. $123,054.88$
$16,439,191.13$
\$2,153,204. 03 283.974.27
690.07

Dr. $\quad 46,845.92$
Or. 17,614.06
$1,839,307.83$
18,021.87
3,894,978
$1,202,406,438$
1,421,547,812
3,272,823,178
1,077,301
80,084,511
2,215,612
1,707,420
4,344,334
59,637,686
27,243,820
12,191, 848
\$23,478,090
104,093
$\$ 33.28$
$\$ 29.43$
2,152
2,544
143
$\$ 6.28$
542.7
641.6
1477.2
26.9
12.3
\$2. 15
46.9
7.1
$\$ 3.78$
308.7
74.3
23.8
$1.156 \phi$
2. $743 \phi$
63.6\%
88.42\%

OPERATING REVMINES

Freight
zassenger
Mail
Erpiess
Other freight train
other passenger train
Tater line
All other
Total railway operating revenues

## OPFRATING TXPMVSES

Maintenance of way and structures
Maintenance of equipment
Traffic
Transportation
Miscellaneous operations
General
Irans. for investment
Total railway operating expenses

## OPERAFING INCO:NE

Net operating revenue
Ratlw ay tax accruals
Uncollectable revenues
Eire of equipment
Joiat facilities rents
Operating income
OPERAIING STATISIICS
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, exdl. 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.)
Treight car milesmloaded
Freicht car miles-empty
Passenger train car miles
Tota? amount of pay roll
Namber of employees
DAILY AVERAGES PER MIIE OF ROAD OPYRATMD
operating revenue
Operating expenses
No: of tons moved one mile (Rev.Tr.)
No. of tons moved one mile (111 Fr.)
No. of rev. passengers carried one mik
AVERAGES PER FRIIGHT TRAIN MIIS
Irefght revenue
Cr. $\quad 74.082 .93$
Dr. 28,919.48
1,226,267.10
14,837.00
2,560,039
852,749,837
1,022,299,077
2,458,617,756 836,419
79,099.576
1,861,915
1,725,340 $3,694,522$
$44,817,484$ 17.460,093 12,648,982 \$8,908,327.07 70,173

| $\$ 32.31$ | $\$ 40.61$ |
| ---: | ---: |
| $\$ 29.02$ | $\$ 34.26$ |
| 1.854 | 2,690 |
| 2,223 | 3.317 |
| 172 | 217 |


| $\$ 5.60$ | $\$ 5.94$ |
| ---: | ---: |
| 458.0 | 541.1 |
| 549.1 | 667.1 |
| 1320.5 | 1381.7 |
| 24.1 | 25.0 |
| 9.4 | 10.5 |


| $\$ 1.93$ | $\$ 2.19$ |
| ---: | ---: |
| 45.8 | 55.3 |
| 7.3 | 7.5 |
| $\$ 3.61$ | $\$ 3.59$ |
| 333.1 | 393.5 |
| 94.6 | 106.7 |
| 22.8 | 26.6 |
| $1.223 \phi$ | $1.097 \phi$ |
| 2.8234 | $2.765 \phi$ |
| $59.9 \%$ | $55.2 \%$ |
| $89.81 \%$ | $84.38 \%$ |

$\$ 13,193,614.62$
2,682,981. 21 $300,344.82$ $455,808.57$ 571.00 396,889.99 284,651.41 833.076 .94 18,247,938.56
\$3,922,543.43
3,716,361.32 908,618.85
6,216,755.83 248,827.39 $299,842.54$
$15,312,949.36$
\$2,834,989.20 329,371,40

Cr. $20,791.89$
Cr. $\quad 3,349.18$
$2,529,758.87$
14,417.1
3,055,524
1,202,410,346
1,482,402,304
3,070,234,716
909, 747
97,036,221
2,222,149
1,753,680
4,260,995
55,637,112
23,383,357
13,177,188
\$10,016,236.62
79.135
$\$ 40.61$
$\$ 34.26$
3,317
217
$\$ 5.94$
No. of tons of freight (Rev. Fr.)
No. of tons of freight (All Fr.)
Gross ton miles
Loaded freight cars
mompty freight cars
AVERAGES PRB PASSENGEP TRAIN MILE
Passenger train revemues
Passengers carried
Passencar cars
dverage operating expenses per train mile
Average length of heul (Rev. Fr.) Miles
Averace passenger journey Miles
suerace tons per loaded freight car mile
Av. freight receipt per revenue ton mile
AT nassenger receipt per passenger per mile
Ratio of pay roll to operating revenues
Ra'sio of operating expenses to revenues
541.1
1381.7
25.0
10.5
$\$ 2.19$
7.5
393.5
106.7
26.6
$2.765 \not$
84.38\%
$\cdots$


[^0]14. 4.3

2930
$\$ 15,354,895.03$
146,353.00
2,635,591.00 168.534.97 $708,232.00$
12,013,606.00

$$
\$ 13,628,153.25
$$

$$
138,31.48
$$

2,154,975.76 168,0 3. 11
$614,536.25$
$16,704,474.85$

1929
$\$ 13,592,355.16$ 217. +83.00 3.520, 799.00 196, 541.8+ $\rightarrow$ (s), 043.00 23, 311, 862.00
$\$ 16,439,191.13$
211,351.60
$2,476,967.59$
$245,639.53$
$672,777.27$ $20,045,927.12$
NET OPERATING REVEMUE
Canadian Iines
Diluth, Winnimeg \& Pacific
Grand Mrunk Western
New England Lines
Central Vermont Railway

Canadian Lines
Driuth, Winnipeg \& Pacific
Grand Trunk Westem
New England Lines
Central Vermont Railway
$\begin{array}{r}\$ 2,726,741.78 \\ 7.621 .52 \\ 480,615.24 \\ 456.86 \\ 93,695.75 \\ \hline 2,309,131.15\end{array}$
\$1,522,030.03
2,467.63
129,199.79
Dr. 6i,002.21 93,916. 34
$\$ 2,153,204.03$
6,131.40
1,043,831.41
Dr. 49,097.69 $\frac{111,865.73}{3,265,934.88}$ $\$ 1,839,307.83$ Dr. 1,775.76 590,029.91
Dr. 113,680.38
$93,407.76$

SUMMARY
For Iive Months ended May 31st, 1930
AII RAIITAIS

## 1930

\$179,27?,253.97 $159,442,342.12$ 19,729,911.85 $14,569,856.35$

## 1929

\$212,072, 799.46 $176,027,160.03$ 36,045,639.43 30.397.911.57

## CANADIAN NATIONAL RAILTAYS

Operating revenues - Canadian Iines
Total
Operating expenses - Canadian Lines
\# United States Lines
Total
Net operating revenue - Canadian Lines
\# United States Lines
Total
Operating income

- Canadian Lines

United States Lines
Total
$\$ 72,963,871.86$ $16,9+2,388.14$ $89,906,260.00$ 67,077,031.24 $13,764,383.49$ $80,842.914 .73$ 5,886,840,62 $\frac{3.177 .504 .65}{9.064, .45 .27}$ 4.647 .914 .63

1,275,319.65
5, $223,234.28$
$\$ 86,449,042.69$ $\frac{21,378}{107,827,395.32}$ $75,479,622.76$ $15,248,574.70$ $88,723,2.57 .46$ $12.969,119.93$ $\frac{6,129,720.61}{19,099,140.54}$ $11,3,9,185,45$ $\frac{3,556,773.75}{1+285,552.21}$

## CANADIAN NATIONAL RAILTAYS - TASTERN LINES

Operating revenues Overating expenses
Net opersting revenue
Operating income
\$12,901,035.00 $13,842,032.56$
Dr. 1,040,997.56
Dr. 1,389,043,32
\$12,332,440,00 $13,490.171 .97$
Ir. 1,257,731.97
Dr. $1,453,632,65$

CANADIAN PACTTTC RAILTAY

| Onerating revenues | $\$ 68,160,313.42$ |
| :--- | ---: |
| Operating expenses | $60,312,990.21$ |
| Wot operating revenue | $7,847,323.21$ |
| Operating income | $5,585,971.84$ |
| \#- Including Central vermont Railway. |  |

\# - Includinc Central Vermont Railway.
$\$ 84,100,285,08$
69,425,004.35
$14,685,280.73$
$13,353,905.78$

#  




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