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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
JANUARY
1930

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

+ + +

OTTAWA
1930

1914



DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
TRANSPORTATION BRANCH
OTTAWA

Dominion Statistician, R.H. Coats, B.A., F.S.S., (Hon.), F.R.S.C.
Chief, Transportation Branch, G.S. Wrong, B.Sc.

OPERATING REVENUES, EXPENSES & STATISTICS

STEAM RAILWAYS OF CANADA

WITH ANNUAL OPERATING REVENUES OF \$500,000

FOR THE MONTH OF JANUARY, 1930

Gross revenues of Canadian railways for January amounted to \$33,864,007 which was a decrease from 1929 of \$4,556,727, or 11.9 per cent. Operating expenses were reduced by \$1,906,020 and the net operating revenue amounted to \$1,987,156, as against \$4,637,863 for January, 1929. Freight traffic was lighter than in 1929 by 28.9 per cent and passenger miles showed a decrease of 1.3 per cent.

EASTERN LINES- CANADIAN NATIONAL RAILWAYS: Although freight traffic was lighter than in 1929 by 22.5 per cent, a higher average receipt per ton mile produced a decrease of only \$56,325, or 3.6 per cent, in freight revenue. Passenger traffic was heavier and the revenues increased by \$11,526, or 3.4 per cent. Total revenues were only slightly less than for January, 1929, (- \$11,754) but an increase in operating expenses of \$235,930, or 9.3 per cent, increased the operating deficit by \$247,734. The average loading per freight train was lighter by 89.3 revenue tons but the earnings increased by 9 cents per train mile.

CANADIAN NATIONAL RAILWAYS: A reduction of 18.4 per cent in the revenue ton miles produced a reduction in freight revenues of \$931,865, or 8.7 per cent, the decrease in traffic being largely in grain. Passenger revenues also decreased and total gross revenues were less by \$908,813, or 6.1 per cent. With a slight increase in operating expenses, net operating revenues were reduced by \$1,000,183. The pay roll was slightly higher than in 1929 but the number of employees decreased by 1,559, or 1.8 per cent.

The New England lines showed larger gross and net revenues, but the Duluth, Winnipeg and Pacific and the Grand Trunk Western both earned smaller gross revenues, and their net operating revenues were approximately only half of the 1929 net revenues.

For the system (excluding Eastern Lines) net operating revenues amounted to \$733,912 as against \$2,084,740 for January, 1929.

CANADIAN PACIFIC RAILWAY: Freight traffic was lighter than for January, 1929, by 43.2 per cent and freight revenue decreased by \$3,161,035, or 26.6 per cent. Total gross revenues amounted to \$12,748,062, or \$3,239,571 less than in 1929. Operating expenses were reduced by \$2,038,542, or 14.7 per cent, and the net operating revenue was reduced from \$2,159,945 for January, 1929, to \$958,916. The pay roll was reduced by \$643,246 and the number of employees by 5,342. The light grain traffic was largely responsible for these decreases and the average haul was also affected, decreasing from 499.7 miles in 1929 to 339.5 miles in January, 1930.

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The University of Chicago Library is pleased to announce the acquisition of a new volume, *The History of the United States*, by *John F. Kennedy*. This volume is a comprehensive history of the United States, covering the period from the early colonial years to the present. It is a valuable addition to the library's collection of American history books.

The volume is written in a clear and concise style, making it accessible to a wide range of readers. It includes a detailed bibliography and a list of references. The book is available in both hardcover and paperback formats. The hardcover edition is priced at \$19.95, and the paperback edition is priced at \$9.95. The book is available for purchase at the University of Chicago Library or through a bookseller.

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OPERATING REVENUES, EXPENSES & STATISTICS
STEAM RAILWAYS OF CANADA
WITH ANNUAL OPERATING REVENUES OF \$500,000
For the Month of January, 1930

	1930	1929
<u>OPERATING REVENUES</u>		
Freight	\$23,589,492.39	\$28,035,776.24
Passenger	5,653,021.49	5,826,642.40
Mail	646,954.33	632,179.05
Express	1,511,231.35	1,545,211.66
Other freight train	4,742.96	2,082.24
Other passenger train	591,377.89	589,788.34
Water line	45,222.50	47,686.32
All other	1,821,965.04	1,741,368.82
Total railway operating revenues	33,864,007.95	38,420,735.07
<u>OPERATING EXPENSES</u>		
Maintenance of way and structures	\$4,779,037.51	\$5,025,230.66
Maintenance of equipment	7,837,510.55	8,598,077.50
Traffic	1,623,078.59	1,535,677.49
Transportation	16,189,126.30	17,181,587.97
Miscellaneous operations	433,562.51	464,608.36
General	1,062,911.31	1,046,656.95
Trans. for investment	Cr. 48,375.14	Cr. 68,967.20
Total railway operating expenses	31,876,851.63	33,782,871.73
<u>OPERATING INCOME</u>		
Net operating revenue	\$1,987,156.32	\$4,637,863.34
Railway tax accruals	753,023.15	730,955.42
Uncollectable revenues	11,945.38	1,937.90
Hire of equipment	Dr. 221,389.90	Dr. 331,550.42
Joint facilities rents	Dr. 72,442.71	Dr. 70,812.01
Operating income	928,355.18	3,502,607.59
<u>OPERATING STATISTICS</u>		
Average miles of road operated	41,185.65	40,453.91
No. of tons carried (Rev.Fr.)	9,369,581	10,099,417
No. of tons carried one mile " "	2,210,241,635	3,110,722,498
No. of tons carried one mile (All Fr.)	2,446,955,187	3,435,762,626
Gross ton miles, excl. of locomotive & tender	5,733,569,562	7,040,037,519
No. of revenue passengers carried	3,387,847	3,142,352
No. of rev. passengers carried one mile	196,621,353	199,175,621
# Freight train miles	4,891,135	5,749,336
# Passenger train miles	4,104,019	4,103,092
Total train miles (Rev. & Non Rev.)	9,240,067	10,069,001
Freight car miles-loaded	103,609,991	125,025,597
Freight car miles-empty	45,104,916	53,825,255
Passenger train car miles	28,587,788	28,506,225
Total amount of pay roll	\$20,929,133.73	\$21,558,547.93
Number of employees	153,677	161,149
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>		
Operating revenue	\$26.52	\$30.64
Operating expenses	\$24.97	\$26.94
No. of tons moved one mile (Rev.Fr.)	1,731	2,480
No. of tons moved one mile (All Fr.)	1,917	2,740
No. of rev. passengers carried one mile	154	159
<u>#AVERAGES PER FREIGHT TRAIN MILE</u>		
Freight revenue	\$4.82	\$4.88
No. of tons of freight (Rev.Fr.)	451.9	541.1
No. of tons of freight (All Fr.)	500.3	597.6
Gross ton miles	1172.2	1224.5
Loaded freight cars	21.2	21.8
Empty freight cars	9.2	9.4
<u>#AVERAGES PER PASSENGER TRAIN MILE</u>		
Passenger train revenues	\$2.05	\$2.09
Passengers carried	47.9	48.5
Passenger cars	7.0	6.9
Average operating expenses per train mile	\$3.45	\$3.36
Average length of haul (Rev.Fr.) Miles	235.9	308.0
Average passenger journey Miles	58.0	63.4
Average tons per loaded freight car mile	23.6	27.5
Average freight receipt per revenue ton mile	1.067¢	.901¢
Average passenger receipt per passenger per mile	2.875¢	2.925¢
Ratio of pay roll to operating revenues	61.8%	56.1%
Ratio of operating expenses to revenues	94.13%	87.93%
# - Contains a proportion of mixed train miles.		

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OPERATING REVENUES, EXPENSES & STATISTICS

EASTERN LINES

CANADIAN NATIONAL RAILWAYS

For the Month of January, 1930

	1930	1929
<u>OPERATING REVENUES</u>		
Freight xx	\$1,500,332.00	\$1,556,657.00
Passenger	354,254.00	342,728.00
Mail	66,500.00	65,500.00
Express	115,700.00	113,850.00
Other freight train	-	-
Other passenger train	42,937.67	40,848.72
Water line	-	-
All other	104,384.33	76,278.28
Total railway operating revenues	2,184,108.00	2,195,862.00
<u>OPERATING EXPENSES</u>		
Maintenance of way and structures	\$410,479.02	\$369,955.69
Maintenance of equipment	626,718.34	465,384.97
Traffic	73,001.91	66,087.55
Transportation	1,502,494.94	1,480,319.68
Miscellaneous operations	33,124.53	32,848.71
General	116,245.93	111,352.07
Trans. for investment	Cr. 743.31	Cr. 608.12
Total railway operating expenses	2,761,321.36	2,525,340.55
<u>OPERATING INCOME</u>		
Net operating revenue	Dr. \$577,213.36	Dr. \$329,478.55
Railway tax accruals	25,352.83	21,542.32
Uncollectable revenues	25.03	15.16
Hire of equipment	Dr. 49,373.98	Dr. 41,139.71
Joint facilities rents	Cr. 1,233.60	Cr. 2,578.18
Operating income	Dr. 650,731.60	Dr. 389,597.56
<u>OPERATING STATISTICS</u>		
Average miles of road operated	3,332.54	3,104.36
No. of tons carried (Rev.Fr.)	584,561	611,460
No. of tons carried one mile " "	185,073,446	238,697,052
No. of tons carried one mile (All Fr.)	197,455,908	249,874,469
Gross ton miles, excl. of locomotive & tender	443,477,201	518,005,416
No. of revenue passengers carried	360,581	313,532
No. of rev. passengers carried one mile	14,579,288	14,196,321
# Freight train miles	440,542	468,567
# Passenger train miles	333,645	321,253
Total train miles (Rev. & Non Rev.)	799,396	809,732
Freight car miles-loaded	8,238,285	9,261,460
Freight car miles-empty	2,724,242	3,119,465
Passenger train car miles	2,235,738	2,128,010
Total amount of pay roll	(Included in Canadian Lines)	
Number of employees	" " "	" "
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>		
Operating revenue	\$21.14	\$22.82
Operating expenses	\$26.73	\$26.24
No. of tons moved one mile (Rev.Fr.)	1,791	2,480
No. of tons moved one mile (All Fr.)	1,911	2,596
No. of rev. passengers carried one mile	141	148
<u>#AVERAGES PER FREIGHT TRAIN MILE</u>		
Freight revenue	\$3.41	\$3.32
No. of tons of freight (Rev.Fr.)	420.1	509.4
No. of tons of freight (All Fr.)	448.2	533.3
Gross ton miles	1006.7	1105.5
Loaded freight cars	18.7	19.8
Empty freight cars	6.2	6.7
<u>#AVERAGES PER PASSENGER TRAIN MILE</u>		
Passenger train revenues	\$1.74	\$1.75
Passengers carried	43.7	44.2
Passenger cars	6.7	6.6
Average operating expenses per train mile	\$3.45	\$3.12
Average length of haul (Rev.Fr.) Miles	316.6	390.4
Average passenger journey Miles	40.4	45.3
Average tons per loaded freight car mile	24.0	27.0
Av. freight receipt per revenue ton mile	.811¢	.652¢
Av. passenger receipt per passenger per mile	2.430¢	2.414¢
Ratio of operating expenses to revenues	126.43%	115.00%
xx - Including Acct. Maritime Freight Rates Act	\$138,950.00	\$146,826.00
# - Contains a proportion of mixed train miles.		

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OPERATING REVENUES, EXPENSES & STATISTICS
CANADIAN NATIONAL RAILWAYS
 For the Month of January, 1930

	1930	1929
<u>OPERATING REVENUES</u>		
Freight	\$9,751,997.57	\$10,683,862.89
Passenger	2,191,871.73	2,245,916.58
Mail	209,537.65	204,223.14
Express	793,838.18	805,010.77
Other freight train	-	-
Other passenger train	203,535.32	208,713.57
Water line	-	-
All other	888,024.29	799,891.55
Total railway operating revenues	14,038,804.74	14,947,618.50
<u>OPERATING EXPENSES</u>		
Maintenance of way and structures	\$2,094,966.80	\$2,199,518.43
Maintenance of equipment	3,414,089.02	3,116,254.46
Traffic	540,446.71	509,156.20
Transportation	7,221,048.23	7,373,575.65
Miscellaneous operations	142,374.89	144,149.43
General	436,277.29	434,414.97
Trans. for investment	Cr. 47,501.22	Cr. 66,736.77
Total railway operating expenses	13,801,701.72	13,710,332.37
<u>OPERATING INCOME</u>		
Net operating revenue	\$237,103.02	\$1,237,286.13
Railway tax accruals	282,685.42	251,673.01
Uncollectable revenues	11,913.35	1,902.17
Hire of equipment	Cr. 6,971.02	Dr. 108,435.85
Joint facilities rents	Dr. 2,548.12	Cr. 11,155.73
Operating income	Dr. 53,072.85	886,430.83
<u>OPERATING STATISTICS</u>		
Average miles of road operated	18,363.41	18,021.62
No. of tons carried (Rev.Fr.)	3,354,727	3,483,106
No. of tons carried one mile " "	915,284.425	1,121,959.141
No. of tons carried one mile (All Fr.)	1,036,982.810	1,282,411.711
Gross ton miles, excl. of locomotive & tender	2,337,546.773	2,766,685.697
No. of revenue passengers carried	1,388,956	1,282,450
No. of revenue passengers carried one mile	78,524.700	77,546.523
# Freight train miles	1,910,181	2,159,927
# Passenger train miles	1,646,523	1,655,738
Total train miles (Rev. & Non Rev.)	3,688,629	3,938,529
Freight car miles-loaded	42,832,356	50,030,021
Freight car miles-empty	18,007,362	20,200,836
Passenger train car miles	10,982,232	10,931,338
Total amount of pay roll (Including Eastern Lines)	\$11,692,982	\$11,630,909
Number of employees " " "	86,333	87,892
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>		
Operating revenue	\$24.66	\$26.76
Operating expenses	\$24.24	\$24.54
No. of tons moved one mile (Rev.Fr.)	1,608	2,008
No. of tons moved one mile (All Fr.)	1,822	2,295
No. of rev. passengers carried one mile	138	139
<u>#AVERAGES PER FREIGHT TRAIN MILE</u>		
Freight revenue	\$5.11	\$4.95
No. of tons of freight (Rev.Fr.)	479.2	519.4
No. of tons of freight (All Fr.)	542.9	593.7
Gross ton miles	1223.7	1280.9
Loaded freight cars	22.4	23.2
Empty freight cars	9.4	9.4
<u>#AVERAGES PER PASSENGER TRAIN MILE</u>		
Passenger train revenues	\$2.06	\$2.09
Passengers carried	47.7	46.8
Passenger cars	6.7	6.6
Average operating expenses per train mile	\$3.74	\$3.48
Average length of haul (Rev.Fr.) Miles	272.8	322.1
Average passenger journey Miles	56.5	60.5
Average tons per loaded freight car mile	24.2	25.6
Average freight receipt per revenue ton mile	1.065¢	.952¢
Average passenger receipt per passenger per mile	2.791¢	2.896¢
x Ratio of pay roll to operating revenues	72.1%	67.8%
Ratio of operating expenses to revenues	98.31%	91.72%

x - Revenue of Eastern Lines included to determine ratio.

- Contains a proportion of mixed train miles.

OPERATING REVENUES, EXPENSES & STATISTICSCANADIAN PACIFIC RAILWAY

For the Month of January, 1930

	1930	1929
<u>OPERATING REVENUES</u>		
Freight	\$8,717,963.99	\$11,878,999.86
Passenger	2,254,462.06	2,309,176.92
Mail	313,461.26	307,439.34
Express	449,442.81	442,914.29
Other freight train	4,422.50	1,989.00
Other passenger train	317,079.92	303,997.50
Water line	45,222.50	47,686.32
All other	646,007.73	695,431.07
Total railway operating revenues	12,748,062.77	15,987,634.30
<u>OPERATING EXPENSES</u>		
Maintenance of way and structures	\$1,705,304.71	\$1,795,654.12
Maintenance of equipment	2,961,503.66	4,070,676.90
Traffic	906,409.28	871,856.20
Transportation	5,697,661.51	6,531,503.10
Miscellaneous operations	195,718.98	229,224.44
General	322,547.87	328,773.91
Trans. for investment	Cr. -	-
Total railway operating expenses	11,789,146.01	13,827,688.67
<u>OPERATING INCOME</u>		
Net operating revenue	\$958,916.76	\$2,159,945.63
Railway tax accruals	328,303.12	328,406.48
Uncollectable revenues	-	-
Hire of equipment	Cr. 111,882.65	Cr. 73,019.83
Joint facilities rents	Dr. 6,713.50	Dr. 8,626.65
Operating income	735,782.79	1,895,932.33
<u>OPERATING STATISTICS</u>		
Average miles of road operated	14,812.0	14,417.1
No. of tons carried (Rev.Fr.)	2,418,125	2,890,363
No. of tons carried one mile " "	821,063,172	1,444,289,640
No. of tons carried one mile (All Fr.)	916,206,640	1,591,035,584
Gross ton miles, excl. of locomotive & tender	2,114,399,065	2,889,887,412
No. of revenue passengers carried	1,175,512	1,075,632
No. of revenue pass. carried one mile	76,659,236	77,882,879
# Freight train miles	1,871,566	2,416,331
# Passenger train miles	1,610,379	1,602,062
Total train miles (Rev. & Non Rev.)	3,554,375	4,076,199
Freight car miles-loaded	37,590,687	49,724,857
Freight car miles-empty	15,540,699	21,091,118
Passenger train car miles	11,524,402	11,508,003
Total amount of pay roll	\$7,487,743.80	\$8,130,990.54
Number of employees	55,147	60,489
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>		
Operating revenue	\$27.76	\$35.77
Operating expenses	\$25.67	\$30.94
No. of tons moved one mile (Rev.Fr.)	1,788	3,232
No. of tons moved one mile (All Fr.)	1,995	3,560
No. of rev. passengers carried one mile	167	174
<u>#AVERAGES PER FREIGHT TRAIN MILE</u>		
Freight revenue	\$4.66	\$4.92
No. of tons of freight (Rev.Fr.)	438.7	597.7
No. of tons of freight (All Fr.)	489.5	658.5
Gross ton miles	1129.7	1196.0
Loaded freight cars	20.1	20.6
Empty freight cars	8.3	8.7
<u>#AVERAGES PER PASSENGER TRAIN MILE</u>		
Passenger train revenues	\$2.07	\$2.10
Passengers carried	47.6	48.6
Passenger cars	7.2	7.2
Average operating expenses per train mile	\$3.32	\$3.39
Average length of haul (Rev.Fr.) Miles	339.5	499.7
Average passenger journey Miles	65.2	72.4
Average tons per loaded freight car mile	24.4	32.0
Av. freight receipt per rev. ton mile	1.062¢	.822¢
Av. passenger receipt per passenger per mile	2.941¢	2.965¢
Ratio of pay roll to operating revenues	58.7%	50.9%
Ratio of operating expenses to revenues	92.48%	86.49%

- Contains a proportion of mixed train miles.

UNITED STATES DEPARTMENT OF THE ARMY
OFFICE OF THE CHIEF OF STAFF
WASHINGTON, D. C.

MEMORANDUM FOR THE CHIEF OF STAFF
SUBJECT: [Illegible]
[The remainder of the document contains several paragraphs of text that are extremely faint and largely illegible due to the quality of the scan. The text appears to be a formal memorandum or report.]

CANADIAN NATIONAL SYSTEM
(Steam Lines in Canada & United States)

For the Month of January, 1930

OPERATING REVENUES

	<u>1930</u>	<u>1929</u>
Canadian Lines	\$14,038,804.74	\$14,947,618.50
Duluth, Winnipeg & Pacific	195,935.00	208,088.00
Grand Trunk Western Lines	2,395,293.00	2,845,696.00
New England Lines	192,036.26	176,282.50
Total	<u>16,822,069.00</u>	<u>18,177,685.00</u>

OPERATING EXPENSES

Canadian Lines	\$13,801,701.72	\$13,710,332.37
Duluth, Winnipeg & Pacific	170,928.76	157,896.41
Grand Trunk Western Lines	1,910,795.39	2,017,365.84
New England Lines	204,730.91	207,349.73
Total	<u>16,088,156.78</u>	<u>16,092,944.35</u>

NET OPERATING REVENUE

Canadian Lines	\$ 237,103.02	\$1,237,286.13
Duluth, Winnipeg & Pacific	25,006.24	50,191.59
Grand Trunk Western Lines	484,497.61	828,330.16
New England Lines	Dr. 12,694.65	Dr. 31,067.23
Total	<u>733,912.22</u>	<u>2,084,740.65</u>

OPERATING INCOME

Canadian Lines	Dr. \$ 53,072.85	\$ 886,430.83
Duluth, Winnipeg & Pacific	17,167.55	45,226.22
Grand Trunk Western Lines	167,829.92	513,192.95
New England Lines	Dr. 81,553.25	Dr. 104,365.53
Total	<u>50,371.37</u>	<u>1,340,484.47</u>

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