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C A N A D A
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
FEBRUARY
1927

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

OTTAWA

1927



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

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OPERATING REVENUES, EXPENSES & STATISTICS

STEAM RAILWAYS OF CANADA

WITH ANNUAL OPERATING REVENUES OF \$500,000

FOR THE MONTH OF FEBRUARY, 1927.

Gross revenues of the railways as a whole were greater than for any previous February and showed an increase over 1926 of \$1,656,467, or 5.2 per cent. Freight revenue increased by \$1,295,126, or 5.4 per cent and passenger revenue by \$156,760, or 3.3 per cent.

Operating expenses exceeded those of 1926 by \$1,568,995, or 5.6 per cent and of 1925 by \$1,941,122, or 7.0 per cent, but were less than for 1924 by \$1,371,204, or 4.4 per cent. Traffic expenses showed the largest rate of increase, being \$165,524, or 14.5 per cent over last year's. Net operating revenues were \$4,001,783, an increase of \$87,472.

Freight traffic was heavier by 2.4 per cent and passenger traffic by 4.8 per cent. The total pay roll was \$1,181,535, or 6.7 per cent more than for February, 1926, and the number of employees was greater by 1,230, an increase of .8 per cent. The operating ratio increased from 87.78 per cent to 88.13 per cent.

CANADIAN NATIONAL RAILWAYS. An increase over February 1926 of \$683,223, or 4.6 per cent in gross revenues and \$802,327, or 5.6 per cent in operating expenses produced a decrease of \$119,104 in net operating revenues. Gross revenues were greater than for any preceding February. Although there was an increase of \$450,741, or 4.1 per cent in freight revenue, freight traffic decreased 5.5 per cent. Passenger revenue increased \$134,741, or 6.5 per cent and passenger traffic was heavier by 8.7 per cent.

The largest increases in operating expenses were \$596,282 in transportation and \$128,217 in maintenance of equipment. Traffic expenses also increased by \$56,112, or 13.2 per cent. The taxes were heavier by \$44,565, and hire of equipment credit balance increased \$62,731, the operating income being reduced by \$90,377.

The United States lines also showed larger gross revenues, increasing the total to \$19,027,035, which was an increase of \$689,958. Operating expenses were also increased except on the New England lines, but not as much as gross revenues, so that net revenues showed a n increase of \$669 and the operating income also showed an improvement of \$49,915.

CANADIAN PACIFIC RAILWAY. Gross revenues showed an increase over 1926 of \$827,809, or 6.6 per cent. Freight revenues were greater by \$685,030, or 7.5 per cent for an increase in freight traffic of 11.3 per cent, and passenger revenues increased by \$86,858, or 4.5 per cent for an increase in passenger traffic of 3.2 per cent.

Operating expenses exceeded those of 1926 by \$661,195, or 6.2 per cent and of 1925 by \$723,610, or 6.9 per cent, but were less than for 1924 by \$661,693, or 5.5 per cent. Net operating revenue was \$2,089,398, an increase of \$166,613. The pay roll was greater by \$724,062, or 11.5 per cent and the number of employees increased by 2,595, or 5 per cent.

ERRATUM

Page 3 of Summary for year ended December 31, 1926

Number of employees reads 149,324

Should read 162,190

2/5/27/GA

OPERATING REVENUES, EXPENSES & STATISTICS

STEAM RAILWAYS OF CANADA

With Annual Operating Revenues of \$500,000

For the Month of February, 1927

	1927	1926
<u>OPERATING REVENUES</u>		
Freight	\$25,150,642.78	\$23,855,516.67
Passenger	4,945,336.78	4,788,577.26
Mail	568,106.24	553,154.92
Express	1,407,015.68	1,352,175.81
Other freight tra in	86.00	2,000.03
Other passenger train	461,772.68	424,629.16
Water line	46,909.59	47,680.09
All other	1,120,850.63	1,020,519.29
Total railway operating revenues	33,700,720.38	32,044,253.23
<u>OPERATING EXPENSES</u>		
Maint. of way and structures	\$4,562,461.33	\$4,453,582.42
Maint. of equipment	7,519,054.48	7,449,970.44
Traffic	1,306,330.86	1,140,806.62
Transportation	14,953,093.20	13,795,894.22
Miscellaneous operations	382,357.48	344,705.12
General	1,022,591.82	989,668.40
Trans. for investment	Cr. 46,951.73	Cr. 44,685.24
Total railway operating expenses	29,698,937.44	28,129,941.98
<u>OPERATING INCOME</u>		
Net operating revenue	\$4,001,782.94	\$3,914,311.25
Railway tax accruals	715,319.58	604,392.43
Uncollectable revenues	937.37	2,887.73
Hire of equipment	Cr. 26,530.36	Cr. 42,985.35
Joint facilities rents	Cr. 24,951.44	Dr. 7,861.54
Operating income	3,337,007.79	3,342,154.90
<u>OPERATING STATISTICS</u>		
Average miles of road operated	39,349.74	38,858.77
No. of tons carried (Rev. Fr.)	9,100,772	7,949,493
No. of tons carried one mile " "	2,436,010,697	2,377,910,315
No. of tons carried one mile (All Fr.)	2,752,588,946	2,609,884,141
Gross ton miles, excl. of loco. & tender	6,126,054,572	5,627,590,893
No. of revenue pass. carried	3,099,652	3,053,146
No. of revenue pass. carried one mile	175,186,999	167,211,598
# Freight train miles	5,020,468	4,577,745
# Passenger train miles	3,504,218	3,295,114
Total train miles (Rev. & Non Rev.)	8,790,189	8,137,193
Freight car miles-loaded	110,418,577	105,349,820
Freight car miles-empty	49,377,009	39,616,777
Passenger train car miles	23,879,697	22,659,984
Total amount of pay roll	\$18,790,557.97	\$17,609,022.80
Number of employees	150,242	149,012
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>		
Operating revenue	\$30.59	\$29.45
Operating expenses	\$26.96	\$25.85
No. of tons moved one mile (Rev. Fr.)	2,211	2,185
No. of tons moved one mile (All Fr.)	2,498	2,399
No. of rev. pass. carried one mile	159	154
<u># AVERAGES PER FREIGHT TRAIN MILE</u>		
Freight revenue	\$5.01	\$5.21
No. of tons of freight (Rev. Fr.)	485.2	519.4
No. of tons of freight (All Fr.)	548.3	570.1
Gross ton miles	1220.2	1229.3
Loaded freight cars	22.0	23.0
Empty freight cars	9.8	8.7
<u># AVERAGES PER PASSENGER TRAIN MILE</u>		
Passenger train revenues	\$2.11	\$2.16
Passengers carried	50.0	50.7
Passenger cars	6.8	6.9
Average operating expenses per train mile	\$3.38	\$3.46
Average length of haul (Rev. Fr.) Miles	267.7	299.1
Average passenger journey Miles	56.5	54.8
Average tons per loaded freight car mile	24.9	24.8
Av. Freight receipt per rev. ton mile	1.032¢	1.003¢
Av. passenger receipt per pass. per mile	2.823¢	2.864¢
Ratio of pay roll to operating revenues	55.8%	55.0%
Ratio of operating expenses to revenues	88.13%	87.78%

Contains a proportion of mixed train miles.

Subject to Revision

OPERATING REVENUES, EXPENSES & STATISTICS

CANADIAN NATIONAL RAILWAYS

For the month of February, 1927

	1927	1926
<u>OPERATING REVENUES</u>		
Freight	\$11,564,867.95	\$11,114,126.84
Passenger	2,215,551.27	2,080,810.47
Mail	254,472.87	251,614.41
Express	793,801.39	796,158.69
Other freight train	--	--
Other passenger train	192,727.93	181,052.15
Water line	--	--
All other	443,600.86	358,036.23
Total railway operating revenues	15,465,022.27	14,781,798.79
<u>OPERATING EXPENSES</u>		
Maint. of way and structures	\$2,391,503.00	\$2,411,382.10
Maint. of equipment	3,734,828.12	3,606,610.76
Traffic	481,163.57	425,051.37
Transportation	7,757,968.62	7,161,686.16
Miscellaneous operations	150,168.66	131,143.94
General	540,083.20	515,011.17
Trans. for investment	Cr. 46,756.83	Cr. 44,254.35
Total railway operating expenses	15,008,258.34	14,206,651.15
<u>OPERATING INCOME</u>		
Net operating revenue	\$ 456,063.93	\$ 575,167.64
Railway tax accruals	294,198.20	249,653.42
Uncollectable revenues	832.49	2,525.95
Hire of equipment	Cr. 112,680.66	Cr. 49,950.18
Joint facilities rents	Cr. 39,377.06	Cr. 30,509.83
Operating income	313,090.98	403,468.28
<u>OPERATING STATISTICS</u>		
Average miles of road operated	20,859.56	20,644.30
No. of tons carried (Rev. Fr.)	3,722,121	3,312,787
No. of tons carried one mile " "	1,156,572,902	1,224,124,616
No. of tons carried one mile (All Fr.)	1,357,597,274	1,366,833,132
Gross ton miles, excl. of loco. & tender	2,977,230,085	2,869,749,005
No. of revenue pass. carried	1,600,841	1,601,447
No. of revenue pass. carried one mile	82,536,730	75,926,241
# Freight train miles	2,373,929	2,222,259
# Passenger train miles	1,674,926	1,493,527
Total train miles (Rev. & Non Rev.)	4,206,797	3,904,587
Freight car miles-loaded	53,507,588	53,221,593
Freight car miles-empty	24,081,196	19,244,626
Passenger train car miles	10,934,141	10,221,284
Total amount of pay-roll	\$10,128,491	\$8,750,297
Number of employees	82,908	84,760
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>		
Operating revenue	\$26.48	\$25.57
Operating expenses	\$25.70	\$24.58
No. of tons moved one mile (Rev. Fr.)	1,980	2,118
No. of tons moved one mile (All Fr.)	2,324	2,365
No. of rev. pass. carried one mile	141	131
<u># AVERAGES PER FREIGHT TRAIN MILE</u>		
Freight revenue	\$4.87	\$4.90
No. of tons of freight (Rev. Fr.)	487.2	550.8
No. of tons of freight (All Fr.)	571.9	615.1
Gross ton miles	1254.1	1291.4
Loaded freight cars	22.5	23.9
Empty freight cars	10.1	8.7
<u># AVERAGES PER PASSENGER TRAIN MILE</u>		
Passenger train revenues	\$2.06	\$2.22
Passengers carried	49.3	50.8
Passenger cars	6.5	6.8
Average operating expenses per train mile	\$3.57	\$3.64
Average length of haul (Rev. Fr.) Miles	310.7	369.5
Average Passenger Journey Miles	51.6	47.4
Average tons per loaded freight car mile	25.4	25.7
Av. Fr. Receipt per rev. ton mile	1.000¢	.908¢
Av. passenger receipt per pass. per mile	2.684¢	2.741¢
Ratio of pay roll to operating revenues	65.5%	66.0%
Ratio of operating expenses to revenues	97.05%	96.11%

Contains a proportion of mixed train miles.

Subject to Revision

OPERATING REVENUES, EXPENSES & STATISTICS

CANADIAN PACIFIC RAILWAY

For the month of February, 1927

	1927	1926
<u>OPERATING REVENUES</u>		
Freight	\$9,818,452.70	\$9,133,422.36
Passenger	2,003,443.67	1,916,585.99
Mail	261,661.69	255,758.45
Express	447,593.22	442,330.68
Other freight train	86.00	328.64
Other passenger train	240,239.62	214,919.38
Water line	46,909.59	47,680.09
All other	536,756.60	516,308.17
Total railway operating revenues	13,355,143.09	12,527,343.76
<u>OPERATING EXPENSES</u>		
Maint. of way and structures	\$1,555,652.90	\$1,439,844.33
Maint. of equipment	2,989,829.54	3,044,882.14
Traffic	743,752.45	642,780.43
Transportation	5,493,351.61	5,027,795.64
Miscellaneous operations	185,444.37	169,138.44
General	297,713.89	280,107.84
Trans. for investment	--	--
Total railway operating expenses	11,265,744.76	10,604,548.82
<u>OPERATING INCOME</u>		
Net operating revenue	\$2,089,398.33	\$1,922,784.94
Railway tax accruals	290,466.16	251,172.46
Uncollectable revenues	--	--
Hire of equipment	Cr. 144,373.57	Cr. 226,859.64
Joint facilities rents	Cr. 24,893.04	Cr. 6,558.85
Operating income	1,968,128.78	1,905,030.97
<u>OPERATING STATISTICS</u>		
Average miles of road operated	14,004.0	13,760.8
No. of tons carried (Rev.Fr.)	2,417,591	2,104,430
No. of tons carried one mile " "	993,100,927	892,458,752
No. of tons carried one mile (All Fr.)	1,099,874,170	976,036,665
Gross ton miles, excl. of loco. & tender	2,312,253,700	1,986,856,492
No. of revenue pass. carried	1,060,471	1,014,302
No. of rev. pass. carried one mile	69,064,793	66,892,515
# Freight train miles	1,983,225	1,733,755
# Passenger train miles	1,381,408	1,348,557
Total train miles (Rev. & Non Rev.)	3,450,575	3,134,249
Freight car miles-loaded	41,622,482	37,317,298
Freight car miles-empty	15,926,547	12,637,259
Passenger train car miles	9,775,508	9,290,364
Total amount of pay roll	\$7,026,941.93	\$6,302,879.24
Number of employees	54,756	52,161
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>		
Operating revenue	\$34.06	\$32.51
Operating expenses	\$28.73	\$27.52
No. of tons moved one mile (Rev.Fr.)	2,533	2,316
No. of tons moved one mile (All Fr.)	2,805	2,533
No. of rev. pass. carried one mile	176	174
<u>#AVERAGES PER FREIGHT TRAIN MILE</u>		
Freight revenue	\$4.95	\$5.27
No. of tons of freight (Rev.Fr.)	500.8	514.8
No. of tons of freight (All Fr.)	554.6	563.0
Gross ton miles	1165.9	1146.0
Loaded freight cars	21.0	21.5
Empty freight cars	8.0	7.3
<u>#AVERAGES PER PASSENGER TRAIN MILE</u>		
Passenger train revenues	\$2.14	\$2.10
Passengers carried	50.0	49.6
Passenger cars	7.1	6.9
Average operating expenses per train mile	\$3.26	\$3.38
Average length of haul (Rev.Fr.) Miles	410.8	424.1
Average passenger journey Miles	65.1	65.9
Average tons per loaded fr. car mile	26.4	26.2
Av. Fr. receipt per rev. ton mile	.989¢	1.023¢
Av. passenger receipt per pass. per mile	2.901¢	2.865¢
Ratio of pay roll to operating revenues	52.6%	50.3%
Ratio of operating expenses to revenues	84.36%	84.65%

Contains a proportion of mixed train miles.

CANADIAN NATIONAL SYSTEM
(Steam Lines in Canada and United States)
For the month of February, 1927-1926

OPERATING REVENUES

	<u>1927</u>	<u>1926</u>
Canadian Lines	\$15,465,022.27	\$14,781,798.79
Duluth, Winnipeg & Pacific	222,049.00	192,835.00
Grand Trunk Western Lines	2,609,566.00	2,482,111.00
Central Vermont Railway	648,012.00	645,738.32
New England Lines	262,385.73	236,593.21
Total	<u>19,207,035.00</u>	<u>18,337,076.32</u>

OPERATING EXPENSES

Canadian Lines	\$15,008,958.34	\$14,206,631.15
Duluth, Winnipeg & Pacific	161,560.91	156,487.19
Grand Trunk Western Lines	1,850,857.24	1,787,703.37
Central Vermont Railway	546,010.77	528,565.26
New England Lines	215,405.17	234,135.64
Total	<u>17,782,792.43</u>	<u>16,913,502.61</u>

NET OPERATING REVENUE

Canadian Lines	\$ 456,083.93	\$ 575,167.64
Duluth, Winnipeg & Pacific	60,488.09	36,367.81
Grand Trunk Western Lines	758,708.76	694,407.63
Central Vermont Railway	102,001.23	115,173.06
New England Lines	46,980.56	2,457.57
Total	<u>1,424,242.57</u>	<u>1,423,573.71</u>

OPERATING INCOME

Canadian Lines	313,090.96	403,488.28
Duluth, Winnipeg & Pacific	49,516.57	26,313.44
Grand Trunk Western Lines	405,528.66	309,436.60
Central Vermont Railway	65,898.15	87,136.61
New England Lines	Dr. 42,065.26	Dr. 84,300.18
Total	<u>791,969.08</u>	<u>742,054.75</u>

S U M M A R Y

For Two Months Ended February 28th.

	<u>1927</u>	<u>1926</u>
<u>ALL RAILWAYS</u>		
Operating Revenues	\$69,270,671.27	\$65,181,939.67
Operating Expenses	61,056,777.58	57,205,060.45
Net Operating Revenues	8,213,893.69	7,976,879.22
Operating Income	6,772,906.24	7,000,310.91

CANADIAN NATIONAL RAILWAYS

Operating Revenues-Canadian Lines	\$31,762,003.69	\$29,825,293.55
Central Vermont & United States Lines	7,613,290.31	7,212,937.26
Total	<u>39,375,294.00</u>	<u>37,038,230.81</u>
Operating Expenses-Canadian Lines	30,202,873.87	28,379,476.57
Central Vermont & United States Lines	5,713,824.11	5,506,798.92
Total	<u>35,916,697.98</u>	<u>33,886,275.49</u>
Net Operating Revenues-Canadian Lines	1,559,129.82	1,445,816.98
Central Vermont & United States Lines	1,899,466.20	1,706,138.34
Total	<u>3,458,596.02</u>	<u>3,151,955.32</u>
Operating Income-Canadian Lines	1,133,477.16	1,256,817.39
Central Vermont & United States Lines	891,768.02	698,913.33
Total	<u>2,025,245.18</u>	<u>1,955,730.72</u>

CANADIAN PACIFIC RAILWAY

Operating Revenues	\$27,738,223.59	\$25,847,197.42
Operating Expenses	24,035,044.05	22,134,397.71
Net Operating Revenues	3,703,179.54	3,712,799.71
Operating Income	3,478,433.38	3,706,889.42

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