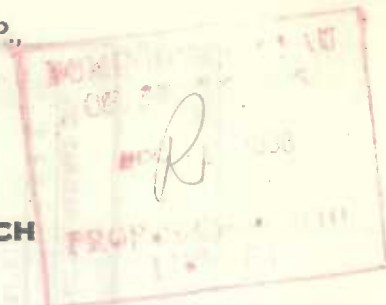


Published by Authority of the Honourable W. D. Euler, M.P.,  
Minister of Trade and Commerce.

**DOMINION BUREAU OF STATISTICS**  
**TRANSPORTATION AND PUBLIC UTILITIES BRANCH**  
**OTTAWA**



Dominion Statistician, R.H. COATS, LL. D., F.R.S.C., F.S.S. (Hon.)

Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

**OPERATING REVENUES, EXPENSES & STATISTICS**  
**RAILWAYS IN CANADA**  
**WITH ANNUAL OPERATING REVENUES OF**  
**\$500,000 OR OVER**

FOR TWELVE MONTHS ENDED DECEMBER 31, 1938

Gross revenues of Canadian railways for 1938 amounted to \$333,094,287 as compared with \$351,342,880 in 1937. This was a decrease of \$18,248,592, or 5.2 per cent. Only in September and October were increases recorded. Operating expenses were reduced by \$4,822,619, or 1.6 per cent, and the operating income dropped from \$39,000,536 to \$25,012,390, or by \$13,988,146. Freight traffic was only slightly below the 1937 volume, but freight revenues declined by \$14,622,059, or 5.5 per cent. Passenger traffic was lighter by 7.6 per cent and passenger revenues declined by \$1,875,081, or 4.9 per cent. The monthly average number of employees decreased from 125,302 in 1937 to 119,228, or by 4.8 per cent, and the pay roll was increased from \$184,553,535 to \$185,969,336, or by 0.77 per cent. Reductions in basic rates of pay were partially restored in 1937, and the last 5 per cent was restored in 1938: 3 per cent on February 1st and 2 per cent on April 1st.

CANADIAN NATIONAL RAILWAYS: Canadian lines showed a drop in gross revenues of \$8,497,233 or from \$165,082,488 in 1937 to \$156,585,254 in 1938. Operating expenses were reduced by \$1,624,482 or from \$153,711,912 to \$152,087,430, and the operating income was reduced from \$7,571,404 to \$154,580. Total pay roll for the year was increased from \$99,964,873 in 1937 to \$100,690,521, and the average number of employees decreased from 69,291 to 66,175. All four lines in the United States showed reduced gross revenues and they all showed debits in operating incomes, whereas, all but the New-England lines showed credits in 1937. The system gross revenues declined from \$198,396,608 in 1937 to \$182,241,722. Operating expenses were reduced from \$180,788,858 to \$176,175,311, and the operating income was reduced from \$9,509,401 to a debit of \$2,133,039, or by \$11,642,440.

CANADIAN PACIFIC RAILWAY COMPANY: Gross revenues for 1938 amounted to \$143,198,531 compared with \$145,201,160 in 1937. This was a decrease of \$2,002,629, or 1.4 per cent. Operating expenses were reduced by only \$3,595, or from \$117,069,540 to \$117,065,945, and the operating income was reduced by \$2,989,781, or from \$23,742,247 to \$20,752,465. Freight traffic increased by 3.4 per cent (this was largely due to the larger western grain crop,) and freight revenues showed a decrease of \$882,489 instead of an increase. Passenger traffic was lighter by 7.9 per cent and passenger revenues declined by \$501,587, or 3.0 per cent. The pay roll increased from \$71,944,021 to \$73,092,452 and the average number of employees was reduced from 48,177 to 46,101, or by 4.3 per cent.



SUBJECT TO REVISION

## OPERATING REVENUES, EXPENSES AND STATISTICS OF CANADIAN RAILWAYS

FOR TWELVE MONTHS ENDED DECEMBER 31, 1938

	ALL RAILWAYS		CANADIAN NATIONAL RAILWAYS		CANADIAN PACIFIC RAILWAY CO.	
	1938	1937	1938	1937	1938	1937
<b>OPERATING REVENUES</b>						
Freight	\$253,249,896.18	\$267,871,955.50	\$117,572,106.10	\$124,607,193.86	\$109,466,275.11	\$110,348,764.45
Passenger	36,544,395.57	38,419,476.67	16,595,861.61	17,271,197.15	15,962,374.94	16,463,962.76
Mail	7,058,371.56	7,046,062.33	2,975,367.18	2,951,514.94	3,582,316.40	3,596,176.84
Express	12,288,098.29	13,134,219.92	X 8,559,177.96	X 9,018,698.77	2,952,854.74	3,141,411.97
Other freight train	...	...	...	...	...	...
Other passenger train	4,173,975.37	4,373,273.91	1,594,597.89	1,681,497.16	2,470,477.60	2,606,551.56
Water line	1,489,875.65	1,366,533.41	...	...	1,047,924.13	891,654.80
All other	18,289,675.37	19,131,359.06	9,288,143.94	9,552,386.73	7,716,308.69	8,152,638.50
Total Railway Operating Revenues	333,094,287.99	\$ 351,342,880.80	X156,585,254.68	X165,082,488.61	143,198,531.61	145,201,160.88
<b>OPERATING EXPENSES</b>						
Maintenance of way and structures	\$ 54,317,262.29	\$ 57,371,309.43	\$ 29,632,493.59	\$ 30,821,221.69	\$ 19,931,132.54	\$ 20,798,482.90
Maintenance of equipment	69,972,976.78	73,727,020.29	36,371,627.79	38,217,767.57	28,127,529.09	28,885,921.44
Traffic	12,549,581.30	12,251,741.95	4,429,437.50	4,233,008.81	7,353,604.65	7,204,863.80
Transportation	138,696,203.46	137,549,738.14	73,501,227.74	72,628,444.04	53,803,193.99	52,536,171.01
Miscellaneous operations	3,825,187.47	3,893,174.77	1,142,229.94	1,175,886.17	2,160,437.63	2,204,945.01
General	14,660,610.85	14,100,692.53	7,402,183.92	7,063,795.85	5,865,436.47	5,624,690.71
Trans. for investment	Cr. 578,104.41	Cr. 627,339.48	Cr. 391,770.07	Cr. 428,191.32	Cr. 175,388.78	Cr. 185,533.88
Total Railway Operating Expenses	293,443,717.74	298,266,337.63	152,087,430.41	153,711,912.81	117,065,945.59	117,069,540.99
<b>OPERATING INCOME</b>						
Net operating revenue	\$ 39,650,570.25	\$ 53,076,543.17	\$ 4,497,824.27	\$ 11,370,575.80	\$ 26,132,586.02	\$ 28,131,619.89
Railway tax accruals	9,288,777.66	\$ 9,704,369.03	3,965,259.99	4,057,303.92	4,440,569.30	4,273,769.60
Uncollectable revenues	...	...	...	...	...	...
Hire of equipment	Dr. 3,810,347.04	Dr. 3,161,594.36	Dr. 91,458.52	Cr. 223,212.32	Dr. 326,184.98	Cr. 450,224.33
Joint facilities rents	Dr. 1,539,055.28	Dr. 1,210,042.94	Dr. 286,525.64	Cr. 34,920.65	Dr. 613,365.87	Dr. 565,827.59
Operating income	25,012,390.27	\$ 39,000,536.84	154,580.12	7,571,404.85	20,752,465.87	23,742,247.03
<b>OPERATING STATISTICS</b>						
Average miles of road operated	42,814.37	42,816.23	21,949.56	21,893.59	17,185.9	17,222.7
No. of tons carried (Rev. Fr.)	81,611,374	89,222,498	32,887,477	36,121,525	30,471,115	29,842,861
No. of tons carried one mile " "	26,779,583,009	26,872,267,687	12,484,696,004	12,541,362,983	12,134,948,168	11,602,289,022
No. of tons carried one mile (All Fr.)	29,605,567,057	30,045,996,467	14,024,968,983	14,327,365,502	13,363,860,884	12,921,095,453
Gross ton miles, excl. of locomotive and tender	69,955,751,000	72,842,933,000	33,509,571,765	34,663,122,610	29,849,865,885	29,748,119,767
No. of revenue passengers carried	19,577,597	20,669,432	9,679,504	10,203,408	7,454,249	7,820,721
No. of revenue pass. carried one mile	1,762,511,509	1,907,350,031	820,487,950	871,190,670	761,020,442	826,378,066
Freight train miles	49,012,872	\$ 51,932,336	24,054,100	25,254,400	20,445,323	21,155,738
Passenger train miles	35,850,596	36,182,336	16,399,102	16,672,837	16,472,864	16,538,292
Total Train miles (Rev. & Non. Rev.)	85,959,606	89,637,726	41,108,985	42,903,099	37,279,485	38,135,906
Freight car miles--loaded	1,158,370,404	\$ 1,258,276,529	559,155,174	604,408,842	483,200,976	504,326,272
Freight car miles--empty	560,815,109	\$ 570,183,088	261,370,707	258,555,150	239,000,728	234,238,847
Passenger train car miles	282,846,468	288,629,910	134,427,584	136,454,546	121,481,788	123,799,117
Total amount of pay-roll	\$185,969,336.18	\$184,553,535.45	\$ 100,690,521	\$ 99,964,873	\$73,092,452.48	\$ 71,944,021.06
Number of employees	119,228	125,302	66,175	69,291	46,101	48,177
Pay roll chargeable to ry. operating expenses	\$176,534,448.08	\$174,900,369.37	\$ 93,205,738	\$ 92,168,212	\$71,770,728.38	\$70,741,755.87
<b>DAILY AVERAGES PER MILE OF ROAD OPERATED</b>						
Operating revenue	\$ 21.31	\$ 22.48	\$ 19.54	\$ 20.66	\$ 22.83	\$ 23.10
Operating expenses	\$ 18.78	\$ 19.09	\$ 18.98	\$ 19.24	\$ 18.66	\$ 18.62
No. of tons moved one mile (Rev. Fr.)	1,714	1,720	1,558	1,569	1,935	1,846
No. of tons moved one mile (All Fr.)	1,894	1,923	1,751	1,793	2,130	2,055
No. of rev. Passengers carried one mile	113	122	102	109	121	131
<b>AVERAGES PER FREIGHT TRAIN MILE</b>						
Freight revenue	\$ 5.17	\$ 5.16	\$ 4.89	\$ 4.93	\$ 5.35	\$ 5.22
No. of tons of freight (Rev. Fr.)	546.4	517.4	519.0	496.6	593.5	548.4
No. of tons of freight (All Fr.)	604.0	578.6	583.1	567.3	653.6	610.8
Gross ton miles	1,427.3	1,402.6	1,393.1	1,372.6	1,460.0	1,406.1
Loaded freight cars	23.6	24.2	23.2	23.9	23.6	23.8
Empty freight cars	11.4	11.0	10.9	10.2	11.7	11.1
<b>AVERAGES PER PASSENGER TRAIN MILE</b>						
Passenger train revenues	\$ 1.68	\$ 1.74	X \$ 1.81	X \$ 1.85	\$ 1.52	\$ 1.56
Passengers carried	49.2	52.7	50.0	52.3	46.2	50.0
Passenger cars	7.9	8.0	8.2	8.2	7.4	7.5
Average operating expenses per train mile	\$ 3.41	\$ 3.33	\$ 3.70	\$ 3.58	\$ 3.14	\$ 3.07
Average length of haul (Rev. Fr.) Miles	328.1	301.2	379.6	347.2	398.2	388.8
Average passenger journey Miles	90.0	92.3	84.8	85.4	102.1	105.7
Average tons per loaded freight car mile	25.6	23.9	25.1	23.7	27.7	25.6
Average freight receipt per revenue ton mile	.946¢	.997¢	.942¢	.994¢	.902¢	.951¢
Average passenger receipt per passenger per mile	2.073¢	2.014¢	2.023¢	1.982¢	2.097¢	1.992¢
Ratio of operating pay roll to operating revenues	53.0%	49.8%	59.5%	55.8%	50.1%	48.7%
Ratio of operating expenses to revenues	88.10%	84.89%	97.13%	93.11%	81.75%	80.63%

# - Revised

X - Includes gross express revenue



1010703689

CANADIAN NATIONAL SYSTEM

(Steam Lines in Canada and United States)

For Twelve Months ended December 31, 1938

	<u>OPERATING REVENUES</u>	<u>1938</u>	<u>1937</u>
Canadian Lines		\$ 156,585,254.68	\$ 165,082,488.61
Duluth, Winnipeg & Pacific Railway Company		1,102,202.05	1,421,621.23
Grand Trunk Western Railroad Company		18,228,739.39	24,209,640.65
Canadian National Lines in New England		1,361,812.00	1,439,135.00
Central Vermont Railway, Inc.		4,963,714.81	6,243,723.12
Total		182,241,722.93	198,396,608.61
	<u>OPERATING EXPENSES</u>		
Canadian Lines		\$ 152,087,430.41	\$ 153,711,912.81
Duluth, Winnipeg & Pacific Railway Company		1,146,609.81	1,159,766.38
Grand Trunk Western Railroad Company		16,710,643.32	18,986,790.08
Canadian National Lines in New England		1,479,781.02	1,492,762.53
Central Vermont Railway, Inc.		4,750,847.22	5,437,626.29
Total		176,175,311.78	180,788,858.09
	<u>NET OPERATING REVENUES</u>		
Canadian Lines		\$ 4,497,824.27	\$ 11,370,575.80
Duluth, Winnipeg and Pacific Railway Company	Dr.	44,407.76	261,854.85
Grand Trunk Western Railroad Company		1,518,096.07	5,222,850.57
Canadian National Lines in New England	Dr.	117,969.02	Dr. 53,627.53
Central Vermont Railway, Inc.		212,867.59	806,096.83
Total		6,066,411.15	17,607,750.52
	<u>OPERATING INCOME</u>		
Canadian Lines		\$ 154,580.12	\$ 7,571,404.85
Duluth, Winnipeg & Pacific Railway Company	Dr.	294,672.29	3,226.45
Grand Trunk Western Railroad Company	Dr.	818,287.19	2,377,787.35
Canadian National Lines in New England	Dr.	629,455.36	Dr. 562,689.82
Central Vermont Railway, Inc.	Dr.	545,204.66	119,672.02
Total	Dr.	2,133,039.38	9,509,400.85