

Published by Authority of the Hon. James A. MACKINNON, M.P.,

Minister of Trade and Commerce.

C.1

DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

Dominion Statistician, R.H. COATS, LL. D., FR.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 30, 1940

Gross revenues of Canadian railways during 1940 reached the highest point since 1930 at \$424,820,629 as against \$363,325,824 in 1939. Operating expenses were heavier by \$29,605,507. Transportation expenses were up by \$13,550,569 or 9.5 per cent, and maintenance expenses were up by \$16,343,049. The operating income was increased by \$27,506,404 or from \$46,649,255 to \$74,155,659.

Freight traffic measured in ton miles was heavier than in 1939 by 20.5 per cent and passenger miles increased by 24.5 per cent. Total pay roll increased by \$13,091,277 or 6.9 per cent, or from \$191,101,727 to \$204,193,004 for an average of 121,009 employees in 1939 and 127,028 in 1940. Freight trains earned 15 cents more per train mile than in 1939 and carried 34.9 more tons of revenue freight, and passenger trains showed higher earnings per train mile of 30 cents and carried 10.5 more passengers per train mile.

CANADIAN NATIONAL RAILWAYS: With increases of 27.8 per cent in revenue freight ton miles and 31.9 per cent in revenue passenger miles gross revenues of the Canadian lines increased by \$39,241,592 or 22.7 per cent, or from \$173,059,119 in 1939 to \$212,300,711. Operating expenses were heavier by \$18,169,297 or 11.5 per cent and the operating income was increased from \$11,054,488 to \$31,865,095, or by \$20,810,607. The New England lines showed a drop in operating income but the other three lines in the United States showed increases and all four lines showed increases in gross revenues. System gross revenues amounted to \$247,527,225 as against \$203,820,186 in 1939. Operating expenses were increased from \$182,965,768 to \$202,519,813 and the operating income was increased from \$12,438,368 to \$35,964,408 or by \$23,526,020. After taking in all other income and profit and loss items the cash deficit contributed by the Government for 1939 was \$40,095,520.

CANADIAN PACIFIC RAILWAY COMPANY: Gross revenues were increased from \$152,148,993 in 1939 to \$171,535,474 or by 12.7 per cent. Operating expenses were heavier by \$9,163,204, maintenance being greater by \$7,075,122 and transportation expenses by \$5,344,185 or 6.1 per cent, but traffic expenses (advertising solicitation, etc.) were reduced by \$2,187,317 or 31.0 per cent. Effective February 1, 1940 traffic expenses for soliciting rail and steamship traffic were charged to rail accounts and to steamship accounts, where as previously they were all charged to rail accounts and the steamship portion was credited to rail operation through revenue.

The operating income was increased from \$28,525,819 to \$35,639,438, or by \$7,113,619.

29/3/41.

Price per year 50 cents.

	ALL RAILWAYS		CANADIAN NATIONAL RAILWAYS		CANADIAN PACIFIC RAILWAY CO.	
	1 9 4 0	1 9 3 9	1 9 4 0	1 9 3 9	1 9 4 0	1 9 3 9
<u>OPERATING REVENUES</u>						
Freight	\$331,295,266	\$283,333,832	\$163,061,359	\$133,236,772	\$134,659,475	\$119,347,237
Passenger	42,144,874	35,650,125	20,393,824	16,314,042	18,202,300	15,475,903
Mail	7,141,609	7,140,421	3,023,945	3,008,573	3,602,543	3,631,275
Express	19,363,384	15,737,469	x 13,839,704	x 9,700,353	4,500,475	3,073,640
Other passenger train	4,313,421	3,957,099	1,725,911	1,514,236	2,473,539	2,336,752
Water line	2,148,055	1,762,300	1,416,006	1,166,066
All other	18,414,020	17,744,578	10,255,968	9,285,143	6,681,136	7,118,120
Total Railway Operating Revenues	424,820,629	363,325,824	x212,300,711	x173,059,119	171,535,474	152,148,993
<u>OPERATING EXPENSES</u>						
Maintenance of way and structures	\$ 62,818,710	\$ 57,097,816	\$ 35,283,680	\$ 32,322,489	\$ 21,620,373	\$ 19,500,919
Maintenance of equipment	82,320,171	71,698,016	41,972,039	36,771,612	33,756,404	28,800,736
Traffic	10,189,157	12,353,741	4,521,827	4,496,613	4,878,914	7,066,231
Transportation	155,644,371	142,093,802	84,561,385	75,480,210	58,074,038	54,729,855
Miscellaneous operations	4,711,978	3,987,890	1,507,882	1,180,158	2,668,823	2,262,217
General	16,398,528	15,389,868	8,242,247	7,801,208	6,674,052	6,160,020
Trans. for investment	Cr. 491,001	Cr. 634,726	Cr. 370,494	Cr. 503,021	Cr. 113,013	Cr. 123,591
Total Railway Operating Expenses	331,591,914	301,986,407	175,718,566	157,549,269	127,559,591	118,396,387
<u>OPERATING INCOME</u>						
Net operating revenue	\$ 93,228,715	\$ 61,339,417	\$ 36,582,145	\$ 15,509,850	\$ 43,975,883	\$ 33,752,606
Railway tax accruals	13,930,438	9,655,270	4,232,545	4,162,081	7,765,866	4,360,493
Hire of equipment	Dr. 3,767,924	Dr. 3,459,054	Dr. 444,371	Dr. 264,341	Cr. 89,390	Cr. 39,624
Joint facilities rents	Dr. 1,374,694	Dr. 1,575,838	Dr. 40,134	Dr. 28,940	Dr. 659,969	Dr. 907,918
Operating income	74,155,659	46,649,255	31,865,095	11,054,488	35,639,438	28,523,819
<u>OPERATING STATISTICS</u>						
Average miles of road operated	42,711.55	42,788.49	21,878.08	21,935.78	17,158.7	17,175.9
No. of tons carried (Rev.Fr.)	106,096,465	91,042,896	44,028,614	36,385,690	36,745,946	33,030,062
No. of tons carried one mile " " Thous.	37,647,947	31,249,584	18,815,801	14,721,293	16,027,798	14,036,899
No. of tons carried one mile (All Fr.) "	41,668,252	34,680,561	21,139,411	16,681,565	17,651,707	15,420,016
Gross ton miles, excl. of locomotive & tender "	93,386,987	79,216,667	47,042,670	38,108,547	38,066,599	33,599,975
No. of revenue pass. carried	20,460,952	19,097,316	10,590,772	9,545,546	7,781,227	7,255,491
No. of revenue pass. carried one mile "	2,156,740	1,732,280	1,058,395	802,451	925,332	751,484
Freight train miles	58,988,058	51,794,650	30,282,401	25,620,710	23,379,054	21,198,912
Passenger train miles	36,667,734	35,833,909	17,138,936	16,512,078	16,622,171	16,398,070
Total train miles (Rev. and Non Rev.)	97,422,629	89,295,916	48,567,505	43,177,301	40,499,966	38,102,492
Freight car miles - loaded	1,474,903,802	1,277,730,734	745,832,207	621,953,226	586,035,703	524,480,811
Freight car miles - empty	736,983,959	613,276,188	359,739,701	282,576,197	301,639,135	262,711,384
Passenger train car miles	293,981,453	282,076,421	141,940,810	134,076,840	125,782,637	120,953,055
Total amount of pay-roll	\$204,193,004	\$191,101,727	\$114,870,561	\$105,306,588	\$ 76,407,446	\$ 73,451,485
Number of employees	127,028	121,009	73,327	68,760	46,157	44,997
Pay-roll chargeable to ry. operating expenses	\$191,912,205	\$180,806,811	\$104,725,457	\$ 96,984,227	\$ 75,136,086	\$ 72,220,688
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>						
Operating revenue	\$27.18	\$23.26	\$26.51	\$21.61	\$27.51	\$24.27
Operating expenses	\$21.21	\$19.34	\$21.94	\$19.68	\$20.31	\$18.89
No. of tons moved one mile (Rev.Fr.)	2,408	2,001	2,350	1,839	2,552	2,239
No. of tons moved one mile (All Fr.)	2,666	2,221	2,640	2,083	2,811	2,460
No. of rev. passengers carried one mile	138	111	132	100	147	120
<u>AVERAGES PER FREIGHT TRAIN MILE</u>						
Freight revenue	\$ 5.62	\$ 5.47	\$ 5.38	\$ 5.20	\$ 5.76	\$ 5.63
No. of tons of freight (Rev. fr.)	638.2	603.3	621.3	574.6	685.6	662.2
No. of tons of freight (All Fr.)	706.4	669.6	698.1	651.1	755.0	727.4
Gross ton miles	1,583.2	1,529.4	1,553.5	1,487.4	1,628.2	1,585.0
Loaded freight cars	25.0	24.7	24.6	24.3	25.1	24.7
Empty freight cars	13.5	11.8	11.9	11.0	12.9	12.4
<u>AVERAGES PER PASSENGER TRAIN MILE</u>						
Passenger train revenues	\$ 1.99	\$1.69	X \$ 2.27	X \$ 1.85	\$ 1.73	\$ 1.50
Passengers carried	58.8	48.3	61.8	48.6	55.7	45.8
Passenger cars	8.0	7.9	8.3	8.1	7.6	7.4
Average operating expenses per train mile	\$ 3.40	\$ 3.38	\$ 3.62	\$ 3.65	\$ 3.15	\$ 3.11
Average length of haul (Rev.Fr.) Miles	354.8	343.2	427.4	404.6	436.2	425.0
Average passenger journey Miles	105.4	90.7	99.9	84.1	118.9	103.6
Average tons per loaded freight car mile	28.3	27.1	28.3	26.8	30.1	29.4
Average freight receipt per revenue ton mile	.880¢	.907¢	.867¢	.905¢	.840¢	.850¢
Average passenger receipt per passenger per mile	1.954¢	2.058¢	1.927¢	2.033¢	1.967¢	2.059¢
Ratio of operating pay-roll to operating revenues	47.5%	49.8%	49.3%	56.0%	43.8%	47.5%
Ratio of operating expenses to revenues	78.05%	83.12%	82.77%	91.04%	74.36%	77.82%

/ Revised.

X Includes gross express revenue.



1010552972

CANADIAN NATIONAL SYSTEM

(Steam Lines in Canada and United States)

For Twelve Months Ended December 31, 1940

<u>OPERATING REVENUES</u>		1940	1939
Canadian Lines	\$	212,300,711	\$ 173,059,119
Duluth, Winnipeg and Pacific Railway Company		1,537,948	1,350,774
Grand Trunk Western Railroad Company		25,243,837	21,801,895
Canadian National Lines in New England		1,587,358	1,434,432
Central Vermont Railway, Inc.		6,857,371	6,173,966
Total	\$	247,527,225	\$ 203,820,186
<u>OPERATING EXPENSES</u>			
Canadian Lines	\$	175,718,566	\$ 157,549,269
Duluth, Winnipeg and Pacific Railway Company		1,199,567	1,134,299
Grand Trunk Western Railroad Company		18,664,254	17,758,293
Canadian National Lines in New England		1,592,199	1,512,036
Central Vermont Railway, Inc.		5,345,227	5,011,871
Total	\$	202,519,813	\$ 182,965,768
<u>NET OPERATING REVENUE</u>			
Canadian Lines	\$	36,582,145	\$ 15,509,850
Duluth, Winnipeg and Pacific Railway Company		338,381	218,475
Grand Trunk Western Railroad Company		6,579,583	4,043,603
Canadian National Lines in New England	Dr.	4,841	Dr. 77,604
Central Vermont Railway, Inc.		1,512,144	1,162,094
Total	\$	45,007,412	\$ 20,854,418
<u>OPERATING INCOME</u>			
Canadian Lines	\$	31,865,095	\$ 11,054,488
Duluth, Winnipeg and Pacific Railway Company		34,584	Dr. 51,499
Grand Trunk Western Railroad Company		3,934,745	1,609,123
Canadian National Lines in New England	Dr.	633,533	Dr. 628,911
Central Vermont Railway, Inc.		763,517	453,187
Total	\$	35,964,408	\$ 12,438,388