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**TRANSPORTATION AND PUBLIC UTILITIES BRANCH**  
**OTTAWA**

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**OPERATING REVENUES, EXPENSES & STATISTICS**

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**RAILWAYS IN CANADA**

**WITH ANNUAL OPERATING REVENUES OF  
\$500,000 OR OVER**

For Twelve Months Ended December 31, 1945.

Operating revenues of Canadian railways declined from the high record of \$789,961,159 earned in 1944 to \$769,923,409 in 1945, a decrease of \$20,037,750 or 2.5 per cent. Freight revenues declined by \$17,943,882 or 3.1 per cent and passenger revenues by \$6,268,813 or 4.8 per cent; all other items showed increases. Operating expenses were reduced from \$627,352,016 to \$623,093,536. Deferred maintenance charges included were reduced from \$16,651,819 to \$10,155,567, which accounted for 79 per cent of the decrease in total maintenance charges. The railways have accumulated over \$62,000,000 deferred maintenance charges since they started in 1942. All other items of expenses showed increases. Taxes were reduced from \$34,007,595 to \$29,967,453, and the operating income was reduced from \$118,111,507 to \$106,645,913, or by \$11,465,594. Revenue ton miles declined by 3.9 per cent and passenger miles by 7.2 per cent. Passenger traffic started to decline in October, 1944, and compared with the previous year's traffic, continued to show declines to the end of 1945 except for July and August, 1945. The number of passengers per passenger train declined from 149 to 136 and, excluding commuter traffic, from 146 to 135. The total pay roll was increased from \$347,540,362, adjusted for increases earned in 1944, to \$356,163,893, or by 2.5 per cent, for an increase in the average number of employees from 165,092 to 170,166 or by 3.1 per cent.

**CANADIAN NATIONAL RAILWAYS:** Operating revenues of Canadian lines decreased from \$391,585,902 in 1944 to \$383,899,990 or by 2.0 per cent. Freight revenues declined by \$5,301,438 or 1.9 per cent, and passenger revenues by \$4,544,171 or 7.1 per cent. Operating expenses showed a decrease of \$9,653,096, practically all being in maintenance expenses to which was charged \$5,000,000 less in 1945 than in 1944 for deferred maintenance. Transportation expenses increased by only \$241,348 or 0.15 per cent, gross ton miles decreased by 1.7 per cent, passenger miles by 10.3 per cent and total train miles by 1.9 per cent. Taxes decreased from \$3,847,404 to \$3,759,216, and the operating income increased from \$62,404,410 to \$64,204,551. The United States lines showed an increase in operating revenues from \$49,561,608 to \$49,873,404 but operating expenses increased, reducing the operating income from \$5,320,234 to \$3,673,387. The system revenues declined from \$441,147,510 to \$433,773,394, operating expenses were reduced from \$362,547,043 to \$355,294,048 and the operating income was increased from \$67,724,644 to \$67,877,938.

**CANADIAN PACIFIC RAILWAY COMPANY:** Operating revenues decreased from \$320,262,132 in 1944 to \$317,406,710 or by 0.89 per cent. Freight revenues declined by \$5,399,222 or 2.3 per cent, but passenger revenues increased by \$484,593 or 0.87 per cent and except for a small decrease in mail, other items also showed increases. Operating expenses increased by \$6,474,912 or 2.6 per cent. Deferred maintenance charges were reduced by \$1,250,000, but total maintenance charges increased by \$1,360,536, and transportation expenses increased by \$3,343,550 or 3.0 per cent. Gross ton miles decreased by 0.09 per cent, passenger miles by 0.78 per cent and total train miles increased by 0.72 per cent. Taxes were reduced from \$24,064,455 to \$21,933,197, and the operating income was reduced from \$43,159,664 to \$36,054,334.

Subject to Revision

## OPERATING REVENUES, EXPENSES AND STATISTICS OF CANADIAN RAILWAYS

For Twelve Months ended December 31, 1945

	ALL RAILWAYS		CANADIAN NATIONAL RAILWAYS		CANADIAN PACIFIC RAILWAY CO.	
	1945	1944 /	1945	1944	1945	1944
<u>OPERATING REVENUES</u>						
Freight	\$555,788,630	\$573,732,512	\$275,823,982	\$281,125,420	\$226,747,679	\$232,146,901
Passenger	124,671,087	130,939,900	59,486,921	64,031,092	56,491,985	56,007,392
Mail	8,273,423	8,234,668	3,633,123	3,605,105	4,037,474	4,041,384
Express	27,848,382	25,964,442	X 18,782,331	X 17,501,733	7,371,729	6,568,395
Other passenger train	12,484,433	12,063,556	5,285,763	5,172,871	6,973,859	6,638,302
Water line	2,797,987	2,729,417	...	...	1,354,792	1,311,775
All other	38,059,467	36,296,664	20,887,870	20,149,661	14,429,192	13,547,983
Total Railway Operating Revenues	769,923,409	789,961,159	X383,899,990	X391,585,902	317,406,710	320,262,132
<u>OPERATING EXPENSES</u>						
Maintenance of way and structures	129,863,751	135,538,147	61,173,053	68,172,772	55,602,527	54,730,391
Maintenance of equipment	141,936,901	145,680,813	68,291,675	72,271,297	62,552,681	62,064,275
Traffic	11,205,135	11,071,872	5,401,080	5,440,910	4,855,761	4,689,055
Transportation	295,496,891	293,159,983	157,749,182	157,507,834	114,725,361	111,381,811
Miscellaneous operations	15,284,419	13,949,213	5,803,891	5,498,169	8,578,037	7,635,259
General	29,306,439	27,951,988	15,263,638	14,444,633	11,807,460	11,146,124
Total Railway Operating Expenses	623,093,536	627,352,016	313,682,519	323,335,615	258,121,827	251,646,915
<u>OPERATING INCOME</u>						
Net operating revenue	146,829,873	162,609,143	70,217,471	68,250,287	59,284,883	68,615,217
Railway tax accruals	29,967,453	34,007,595	3,759,216	3,847,404	21,933,197	24,064,455
Hire of equipment	Dr. 8,488,153	Dr. 9,058,037	Dr. 2,273,036	Dr. 2,023,615	Dr. 443,103	Dr. 731,583
Joint facilities rents	Dr. 1,728,354	Dr. 1,432,004	Cr. 19,332	Cr. 25,142	Dr. 854,249	Dr. 659,515
Operating income	106,645,913	118,111,507	64,204,551	62,404,410	36,054,334	43,159,664
<u>OPERATING STATISTICS</u>						
Average miles of road operated	42,582.65	42,543.10	21,769.34	21,769.88	17,029.1	17,029.8
No. of tons carried (Rev.Fr.)	163,434,152	172,485,347	67,827,212	69,197,065	54,822,012	55,679,262
No. of tons carried one mile (Rev.Fr.) Thous.	63,260,201	65,800,601	30,349,111	31,718,200	27,251,533	27,375,756
No. of tons carried one mile (All Fr.) "	68,295,502	70,657,210	33,158,369	34,319,313	29,382,648	29,522,497
Gross ton miles, excl. of locomotive & tender "	140,806,340	145,570,884	67,937,187	70,123,961	59,750,001	59,804,356
No. of revenue passengers carried	50,576,029	57,504,031	28,462,362	33,975,189	17,740,684	18,460,662
No. of revenue passengers carried one mile "	6,352,339	6,843,750	3,068,702	3,422,653	2,868,906	2,891,434



Freight train miles	80,283,840	83,167,854	38,481,780	40,225,761	35,016,268	35,114,904
Passenger train miles	46,541,069	46,049,329	22,583,857	22,209,771	20,794,392	20,585,698
Total Train Miles (Rev. and Non Rev.)	129,662,798	131,616,327	62,702,194	63,921,546	56,712,571	56,309,482
Freight car miles - loaded	2,103,075,977	2,162,052,758	1,027,981,965	1,055,363,285	871,005,595	869,241,685
Freight car miles - empty	1,008,385,160	1,053,178,801	461,964,303	481,989,001	443,327,526	442,314,243
Passenger train car miles	446,238,698	448,381,140	221,104,520	223,653,762	193,414,737	191,157,659
Total amount of pay roll	\$ 356,163,893	<del>\$ 347,540,362</del>	\$ 193,663,851	<del>\$ 189,547,889</del>	\$139,645,036	<del>\$ 134,693,981</del>
Number of employees	170,166	165,092	95,260	92,596	64,400	62,197
Pay roll chargeable to ry. operating expenses	\$ 335,072,944	<del>\$ 331,046,316</del>	\$ 179,761,432	<del>\$ 176,742,495</del>	\$133,350,060	<del>\$ 132,088,782</del>
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>						
Operating revenue	\$49.54	\$50.73	\$48.31	\$49.15	\$51.07	\$51.38
Operating expenses	\$40.09	<del>\$40.29</del>	\$39.48	\$40.58	\$41.53	\$40.37
No. of tons moved one mile (Rev.Fr.)	4,070	4,226	3,820	3,981	4,384	4,392
No. of tons moved one mile (All Fr.)	4,394	4,538	4,173	4,307	4,727	4,737
No. of revenue passengers carried one mile	409	<del>440</del>	386	430	462	464
<u>AVERAGES PER FREIGHT TRAIN MILE</u>						
Freight revenue	\$6.92	\$6.90	\$7.17	\$6.99	\$6.48	\$6.61
No. of tons of freight (Rev.Fr.)	788	791	789	789	778	780
No. of tons of freight (All Fr.)	851	850	862	853	839	841
Gross ton miles	1,754	1,750	1,765	1,743	1,706	1,703
Loaded freight cars	26.2	26.0	26.7	26.2	24.9	24.8
Empty freight cars	12.6	12.7	12.0	12.0	12.7	12.6
<u>AVERAGES PER PASSENGER TRAIN MILE</u>						
Passenger train revenues	\$3.72	\$3.85	X \$3.86	X \$4.07	\$3.60	\$3.56
Passengers carried	136	149	136	154	138	140
Passenger cars	9.6	9.7	9.8	10.1	9.3	9.3
Average operating expenses per train mile	\$4.81	<del>\$4.77</del>	\$5.00	\$5.06	\$4.55	\$4.47
Average length of haul (Rev.Fr.) Miles	387	382	447	458	497	492
Average passenger journey Miles	126	119	108	101	162	157
Average tons per loaded freight car mile	32.5	32.7	32.3	32.5	33.7	34.0
Average freight receipt per revenue ton mile	0.879¢	0.872¢	0.909¢	0.886¢	0.832¢	0.848¢
Average passenger receipt per passenger per mile	1.963¢	<del>1.913¢</del>	1.939¢	1.871¢	1.969¢	1.937¢
Ratio of operating pay roll to operating revenues	43.5%	<del>41.9%</del>	46.8%	<del>45.1%</del>	42.0%	<del>41.2%</del>
Ratio of operating expenses to revenues	80.95%	<del>79.42%</del>	81.71%	82.57%	81.32%	78.58%

~~/~~ Revised.

X Includes gross express revenue.

~~/~~ Revised and includes 1943 back pay, approximately  
\$5,500,000.



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CANADIAN NATIONAL SYSTEM

(Steam Lines in Canada & United States)

For Twelve Months ended December, 1945

<u>OPERATING REVENUES</u>		
	1945	1944
Canadian Lines	\$ 383,899,990	\$ 391,585,902
United States Lines	49,873,404	49,561,608
<u>Total</u>	<u>433,773,394</u>	<u>441,147,510</u>
<u>OPERATING EXPENSES</u>		
Canadian Lines	313,682,519	323,335,615
United States Lines	41,611,529	39,211,428
<u>Total</u>	<u>355,294,048</u>	<u>362,547,043</u>
<u>NET OPERATING REVENUE</u>		
Canadian Lines	70,217,471	68,250,287
United States Lines	8,261,874	10,350,180
<u>Total</u>	<u>78,479,345</u>	<u>78,600,467</u>
<u>OPERATING INCOME</u>		
Canadian Lines	64,204,551	62,404,410
United States Lines	3,673,387	5,320,234
<u>Total</u>	<u>67,877,938</u>	<u>67,724,644</u>