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DOMINION BUREAU OF STATISTICS

TRANSPORTATION AND PUBLIC UTILITIES BRANCH

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OPERATING REVENUES, EXPENSES & STATISTICS

RAILWAYS IN CANADA

WITH ANNUAL OPERATING REVENUES OF

\$500,000 OR OVER

For Twelve Months Ended December 31, 1944.

Canadian railways earned \$789,851,409 during 1944. This was an increase over the 1943 revenue of \$18,192,677 or 2.4 per cent and was the largest revenue earned in any year. Each of the subdivisions showed increases, freight revenue increasing by \$8,402,017 or 1.5 per cent, passenger revenue by \$8,117,182 or 6.6 per cent and other passenger train revenue by \$1,448,645 or 15.6 per cent. This last item includes excess baggage, sleeping car, parlour and chair car, other passenger train revenue and milk revenue; the second of these accounts for the bulk of the revenue.

Operating expenses increased by \$72,738,428 or by 13.1 per cent. Here also all items showed increases ranging from 5.3 per cent for traffic expenses to 14.1 per cent for maintenance of way and structure and 14.9 per cent for miscellaneous operations. Tax accruals declined from \$43,485,492 to \$34,104,505; for 1939 they were \$9,655,270. Hire of equipment and joint facilities rents also declined, and the operating income declined from \$158,696,605 to \$118,323,486 or by \$40,373,119.

Revenue ton miles amounting to 65,801,938,000 was 3.2 per cent greater than the 1943 ton miles, a new high record, and more than double the 1939 ton miles. Passenger traffic also reached a new high record at 57,463,527 passengers carried a total of 6,840,754,000 passenger miles. This was almost four times the volume for 1939 and twice the prewar peak made in 1919. Included in 1944 data are 10,557,008 commuters, workmen in war factories, carried 132,328,000 passenger miles. Such traffic did not exist in 1939 and 1919.

The average number of employees increased from 160,089 in 1943 to 165,049 or by 3.1 per cent, and the pay roll increased from \$309,929,401 to \$351,235,369. The 1944 pay roll includes the increases made in rates of pay but the 1943 does not include the increases awarded in 1944 but earned in 1943, amounting to \$9,941,429.

Freight train averages per train mile for the year with 1939 averages in brackets were: revenue \$6.90 (\$5.47); tons of revenue freight 791 (603); tons of all freight 850 (670); gross ton miles 1,750 (1,529). This is the weight of the freight and cars but excludes the locomotive and tender and is the weight hauled by the locomotive. For passenger trains averages per train mile were: Passenger train revenue \$3.85 (\$1.69); passengers carried 149 (48); number of passenger train cars 9.7 (7.9). A comparison of passenger cars only would show a greater rate of increase and these data give some idea of the greater density of passenger traffic per car mile.

The average passenger revenue per passenger mile was 1.914 cents as compared with 2.058 cents in 1939 and 2.65 cents in 1919. Reduced rates for members of the armed forces is the chief factor in the decreased averages and more than offset cancellations of special rates for civilians.

CANADIAN NATIONAL RAILWAYS: The Canadian lines earned \$391,585,902 as compared with \$391,084,435 in 1943. Freight revenues declined by \$2,183,273 or 0.77 per cent but passenger revenues increased by \$1,875,181 or 5.0 per cent. Operating expenses increased from \$288,555,055 to \$323,555,615 or by 12.1 per cent. Taxes increased from \$3,604,124 to \$5,847,404 and the operating income decreased from \$93,828,520 to \$62,404,410 exclusive of an appropriation of \$19,069,000 for pension reserve in 1943. Freight traffic and passenger traffic showed small increases of less than one per cent.

The United States lines showed an increase in operating revenues of only \$50,089 but operating expenses increased by \$3,070,812 raising the system revenue to \$441,147,510 and operating expenses to \$562,547,043 as compared with \$440,615,954 and \$324,475,669 respectively in 1943. The operating income declined from \$100,702,938, exclusive of the appropriation for pension reserve, to \$67,724,644.

CANADIAN PACIFIC RAILWAY COMPANY: Operating revenues for 1944 amounted to \$320,262,132 as against \$299,025,042 in 1943. This was an increase of \$21,239,090 or 7.1 per cent. Freight revenues increased by \$15,118,089 or 7.0 per cent and passenger revenues increased by \$5,063,413 or 9.9 per cent. Operating expenses increased from \$216,347,579 to \$251,646,915 or by 16.3 per cent. Taxes were reduced from \$31,548,645 to \$24,064,455 and the operating income was reduced from \$49,211,567 to \$43,159,664. Freight traffic measured in ton miles increased by 10.2 per cent and passenger traffic by 9.9 per cent.

For Twelve Months ended December 31, 1944

	ALL RAILWAYS		CANADIAN NATIONAL RAILWAYS		CANADIAN PACIFIC RAILWAY CO.	
	1 9 4 4	1 9 4 3	1 9 4 4	1 9 4 3	1 9 4 4	1 9 4 3
OPERATING REVENUES						
Freight	\$578,670,618	\$565,268,601	\$281,125,420	\$283,308,693	\$232,146,901	\$217,030,812
Passenger	130,934,792	122,817,610	64,031,092	62,155,911	56,007,392	50,843,879
Mail	8,234,668	7,992,459	3,605,105	3,459,543	4,041,384	3,957,531
Express	25,912,104	25,742,898	X 17,501,733	X 17,003,017	6,568,895	6,070,620
Other passenger train	12,064,137	10,615,554	5,172,871	4,752,186	6,638,302	5,552,002
Water line	2,729,417	2,451,998	1,311,775	1,189,615
All other	36,305,613	36,763,612	20,149,681	20,405,085	13,547,983	13,708,423
Total Railway Operating Revenues	789,851,400	771,658,732	X391,585,902	X391,084,435	320,262,132	299,023,042
OPERATING EXPENSES						
Maintenance of way and structures	135,478,927	118,758,424	68,172,772	60,238,071	54,730,301	40,757,704
Maintenance of equipment	145,546,540	128,913,933	72,271,297	64,775,617	62,064,275	53,339,380
Traffic	11,072,689	10,512,327	5,440,910	5,054,611	4,689,055	4,530,772
Transportation	293,037,622	253,232,048	157,507,334	140,433,063	111,331,311	98,613,960
Miscellaneous operations	13,945,571	12,134,116	5,493,169	4,957,537	7,635,259	6,439,308
General	27,946,780	24,638,353	14,444,633	12,876,104	11,140,124	9,659,265
Total Railway Operating Expenses	627,028,129	554,289,701	323,335,615	288,335,053	251,646,915	216,347,579
OPERATING INCOME						
Net operating revenue	162,823,230	217,369,031	68,250,237	102,749,332	68,615,217	82,675,463
Railway tax accruals	34,104,503	43,435,492	3,847,404	3,604,124	24,064,455	31,549,545
Hire of equipment	Dr. 3,967,010	Dr. 13,555,521	Dr. 2,023,615	Dr. 5,550,207	Dr. 731,533	Dr. 1,245,213
Joint facilities rents	Dr. 1,428,291	Dr. 1,531,413	Cr. 25,142	Cr. 43,463	Dr. 359,515	Dr. 870,038
Operating income	118,323,433	158,696,605	62,404,410	93,628,520	43,153,664	49,211,567
OPERATING STATISTICS						
Average miles of road operated	42,542.47	42,537.73	21,799.39	21,788.91	17,029.3	17,034.6
No. of tons carried (Rev. Fr.)	172,372,930	169,832,957	69,197,065	69,160,818	55,679,262	52,551,696
No. of tons carried one mile " " Thous.	65,801,938	63,733,103	31,718,200	31,369,867	27,375,756	24,350,948
No. of tons carried one mile (All Fr.) "	70,655,510	68,198,155	34,319,313	34,173,134	29,322,497	28,793,191
Gross ton miles, excl. of locomotive & tender "	145,529,984	139,574,168	70,123,961	68,785,040	59,904,356	54,073,601
No. of revenue passengers carried	57,463,527	54,423,775	33,975,139	32,535,729	18,460,662	17,598,374
No. of revenue passengers carried one mile "	6,840,764	6,474,406	3,422,653	3,400,577	2,891,434	2,631,916

Freight train miles	83,137,076	81,011,742	40,225,761	39,673,131	35,114,904	32,343,430
Passenger train miles	46,051,405	45,357,631	22,209,771	21,871,388	20,535,698	20,014,889
Total train miles (Rev. and Non Rev.)	131,614,017	129,281,906	63,921,543	63,348,697	56,309,482	53,722,864
Freight car miles - loaded	2,161,445,278	2,084,559,017	1,055,333,235	1,041,825,419	869,241,685	796,006,833
Freight car miles - empty	1,052,138,297	968,161,122	481,999,001	436,818,986	442,314,243	384,126,127
Passenger train car miles	448,219,199	432,117,602	223,653,732	216,640,243	191,157,659	181,094,964
Total amount of pay roll	\$331,233,389	\$309,929,401	\$195,130,341	\$172,337,021	\$134,417,136	\$116,927,965
Number of employees	165,049	160,089	92,536	90,908	62,197	59,558
Pay roll chargeable to ry. operating expenses	\$311,208,992	\$289,893,131	\$182,170,437	\$158,353,371	\$128,639,177	\$111,805,234
DAILY AVERAGES PER MILE OF ROAD OPERATED						
Operating revenue	\$50.73	\$49.70	\$49.15	\$49.22	\$51.39	\$48.09
Operating expenses	\$40.27	\$35.70	\$40.53	\$36.29	\$40.37	\$34.80
No. of tons moved one mile (Rev. Fr.)	4,226	4,105	3,981	3,986	4,332	4,013
No. of tons moved one mile (All Fr.)	4,558	4,392	4,307	4,301	4,737	4,309
No. of revenue passengers carried one mile	439	417	430	427	464	423
AVERAGES PER FREIGHT TRAIN MILE						
Freight revenue	\$6.90	\$6.93	\$6.93	\$7.14	\$6.61	\$6.61
No. of tons of freight (Rev. Fr.)	791	787	789	798	780	760
No. of tons of freight (All Fr.)	850	842	853	861	841	816
Gross ton miles	1,750	1,723	1,743	1,734	1,703	1,646
Loaded freight cars	26.0	25.7	26.2	26.3	24.9	24.2
Empty freight cars	12.7	12.0	12.0	11.0	12.6	11.7
AVERAGES PER PASSENGER TRAIN MILE						
Passenger train revenues	\$3.95	\$3.63	X \$4.07	X \$3.99	\$3.53	\$3.35
Passengers carried	149	143	154	155	140	131
Passenger cars	9.7	9.5	10.1	9.3	9.3	9.1
Average operating expenses per train mile	\$4.73	\$4.29	\$5.06	\$4.55	\$4.47	\$4.03
Average length of haul (Rev. Fr.) Miles	382	375	458	458	492	475
Average passenger journey Miles	119	119	101	104	157	150
Average tons per loaded freight car mile	32.7	32.7	32.5	32.9	34.0	33.7
Average freight receipt per revenue ton mile	0.872¢	0.887¢	0.886¢	0.895¢	0.848¢	0.870¢
Average passenger receipt per passenger per mile	1.914¢	1.897¢	1.871¢	1.833¢	1.937¢	1.936¢
Ratio of operating pay roll to operating revenues	39.4%	37.6%	46.5%	40.5%	40.2%	37.4%
Ratio of operating expenses to revenues	79.39%	71.93%	82.57%	75.75%	78.59%	72.35%

X Includes gross express revenue.

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CANADIAN NATIONAL SYSTEM

(Steam Lines in Canada & United States)

For Twelve Months ended December, 1944

<u>OPERATING REVENUES</u>		
	1 9 4 4	1 9 4 5
Canadian Lines	\$ 391,585,902	\$ 391,084,435
United States Lines	49,561,608	49,551,519
Total	441,147,510	440,615,954
<u>OPERATING EXPENSES</u>		
Canadian Lines	325,355,615	288,355,053
United States Lines	39,211,428	36,140,616
Total	362,547,043	324,475,669
<u>NET OPERATING REVENUE</u>		
Canadian Lines	68,250,287	102,749,382
United States Lines	10,350,180	13,590,903
Total	78,600,467	116,140,285
<u>OPERATING INCOME</u>		
Canadian Lines	62,404,410	93,628,520
United States Lines	5,320,234	7,074,418
Total	67,724,644	100,702,938