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1941
FOR 12 MONTHS
ENDED DEC. 31

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DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

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

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FOR TWELVE MONTHS ENDED DECEMBER 31, 1941

Operating revenues of Canadian railways for the year 1941 amounted to \$535,352,774, the second largest revenue earned in any year and only 4.6 p.c. below the peak year of 1928. The increase over 1940 revenues was \$108,511,877 or 25.5 p.c. Freight revenues were up by \$86,756,801 or 26.2 p.c. and passenger revenues by \$17,213,548 or 40.8 p.c. Operating expenses amounted to \$399,513,548 as compared with \$351,592,246 for 1940 and \$437,976,704 for 1928, thus producing the highest net operating revenue on record of \$134,019,226. For 1928 it was \$120,040,637 and for 1940 \$99,930,887.

Tons of revenue freight carried amounted to 129,100,193 as against 106,096,465 for 1940 and 136,554,915 for 1928 but the ton miles reached a new all-time high at 49,746,879,000 as compared with 37,647,947,000 ton miles for 1940 and 41,510,929,000 for 1928, the previous high record. The peak in freight traffic that usually occurs in September and October did not appear in 1941. The heaviest month, October, was only 13.5 p.c. above the monthly average, whereas in 1928 the heaviest month was 58.4 p.c. above the monthly average for that year. The passenger traffic measured in passenger miles at 3,186,731,000 was the highest since 1920. The monthly peak was reached in December whereas in pre war years the heaviest month was July or August. Although passenger traffic was 48 p.c. heavier than in 1940 passenger train miles increased only 7.6 p.c. and passenger train car miles only 14.2 p.c. These include baggage, express cars, etc., and consequently will not give the relative loading of passenger cars.

The average of the monthly counts of employees for the year was 139,128 as compared with 127,028 in 1940 and 176,871 in 1928. The total pay roll for the year charged to operation, capital account, etc. amounted to \$239,697,218 as compared with \$204,192,986 in 1940 and the peak of \$276,938,988 for 1929. These monthly operating data do not include some employees and pay roll not charged to operation but included in the annual reports, and also a few small railways do not report monthly.

CANADIAN NATIONAL RAILWAYS: Gross operating revenues of Canadian lines for 1941 amounted to \$261,826,874 as against \$212,300,711 for 1940 and \$260,418,924 in 1928, the previous peak earnings. Operating expenses amounted to \$207,443,080, an increase over 1940 of \$51,724,514 but a decrease from 1928 of \$10,337,094, and the operating income was increased from \$51,865,095 in 1940 to \$48,501,004. The United States lines showed an increase in operating revenues of \$7,323,390 raising the system revenue to \$304,376,778 as against \$247,527,225 in 1940 and \$304,591,268 in 1928. System operating expenses were increased from \$202,519,813 in 1940 to \$237,768,437 and the system operating income was increased to \$55,626,577 from \$35,964,408 in 1940.

CANADIAN PACIFIC RAILWAY COMPANY: Gross revenues for 1941 increased to \$222,502,517 from \$171,535,474 in 1940 and were exceeded only by \$230,406,354 in 1928. Operating expenses at \$158,655,358 were greater than in 1940 by \$31,095,767 but less than in 1928 and net operating revenues of \$63,847,159 were the largest to date. The operating income increased from \$35,639,439 in 1940 to \$45,957,535 as compared with \$51,694,452 in 1928.

SUBJECT TO REVISION

OPERATING REVENUES, EXPENSES AND STATISTICS OF CANADIAN RAILWAYS

FOR TWELVE MONTHS ENDED DECEMBER 31, 1941

	ALL RAILWAYS		CANADIAN NATIONAL RAILWAYS		CANADIAN PACIFIC RAILWAY CO.	
	1941	1940	1941	1940	1941	1940
OPERATING REVENUES						
Freight	\$418,032,067	\$331,295,266	\$201,246,482	\$163,061,359	\$176,206,092	\$134,659,475
Passenger	59,358,422	42,144,874	30,446,647	20,393,824	25,066,328	18,202,300
Mail	7,455,566	7,141,609	3,242,581	3,023,945	3,680,072	3,602,543
Express	16,747,026	19,363,384	X 11,478,748	X 13,839,704	4,291,814	4,500,475
Other passenger train	5,707,988	4,313,421	2,413,463	1,725,911	3,178,641	2,473,537
Water line	2,647,427	2,148,055	1,464,271	1,416,008
All other	23,384,278	/ 18,414,288	12,998,953	10,255,968	8,615,299	6,681,136
Total Railway Operating Revenues	535,332,774	/ 424,820,897	X 261,826,874	X 212,300,711	222,502,517	171,535,474
OPERATING EXPENSES						
Maintenance of way and structures	78,846,868	62,818,710	41,979,981	35,283,680	29,456,047	21,620,373
Maintenance of equipment	97,397,120	82,320,171	48,271,141	41,972,039	41,367,914	33,756,404
Traffic	10,290,866	10,189,157	4,671,562	4,521,827	4,798,086	4,878,914
Transportation	188,897,856	155,644,371	101,588,216	84,561,385	72,226,836	58,074,038
Miscellaneous operations	6,794,554	/ 4,712,310	2,546,748	1,507,882	3,732,988	2,668,821
General	17,463,846	16,398,528	8,755,807	8,242,247	7,073,487	6,674,052
Trans. for investment	Cr. 377,562	Cr. 491,001	Cr. 370,375	Cr. 370,494	...	Cr. 113,011
Total Railway Operating Expenses	399,313,548	/ 331,592,246	207,443,080	175,718,566	158,655,358	127,559,591
OPERATING INCOME						
Net operating revenue	134,019,226	/ 93,228,651	54,383,794	36,582,145	63,847,159	43,975,883
Railway tax accruals	24,298,970	/ 13,930,641	4,574,765	4,232,545	16,833,156	7,765,866
Hire of equipment	Dr. 5,581,349	Dr. 3,767,924	Dr. 1,277,782	Dr. 444,371	Dr. 382,299	Cr. 89,390
Joint facilities rents	Dr. 1,391,120	/ Dr. 1,374,736	Dr. 30,243	Dr. 40,134	Dr. 674,169	Dr. 659,968
Operating income	102,747,737	/ 74,155,350	48,501,004	31,865,095	45,957,535	35,639,439
OPERATING STATISTICS						
Average miles of road operated	42,637.82	42,711.55	21,793.09	21,878.08	17,150.6	17,158.7
No. of tons carried (Rev. Fr.)	129,100,193	106,096,465	52,744,325	44,028,614	44,709,716	36,745,946
No. of tons carried one mile (" ") Thous.	49,746,879	37,647,947	23,763,850	18,815,801	22,375,729	16,027,798
No. of tons carried one mile (All Fr.) "	54,582,121	41,668,252	26,593,382	21,133,411	24,307,216	17,651,707
Gross ton miles, excl. of locomotive & tender "	119,046,672	/ 93,386,193	57,798,991	47,042,670	51,394,436	38,066,599
No. of revenue passengers carried	28,220,797	20,460,952	16,971,873	10,590,772	9,144,613	7,781,227
No. of revenue passengers carried one mile "	3,186,731	2,156,740	1,686,349	1,058,395	1,313,490	926,442

Freight train miles	72,425,030	58,988,058	35,481,516	30,282,401	30,792,980	23,379,054
Passenger train miles	39,444,341	36,667,734	18,904,229	17,138,936	17,671,234	16,622,171
Total train miles (Rev. and Non Rev.)	113,829,039	97,422,629	55,667,876	48,567,505	48,962,570	40,499,966
Freight car miles - loaded	1,844,218,669	1,474,903,802	910,255,133	745,832,207	762,992,770	586,035,603
Freight car miles - empty	930,216,981	736,983,959	433,346,124	359,739,701	418,353,333	301,639,135
Passenger train car miles	335,608,801	293,981,433	164,925,593	141,940,810	143,475,003	125,782,637
Total amount of pay roll	\$239,697,218	\$204,192,986	\$133,354,924	\$114,870,561	\$ 91,783,977	\$ 76,407,446
Number of employees	139,128	127,028	79,328	73,327	51,661	46,157
Pay roll chargeable to ry. operating expenses	\$223,287,482	\$191,912,205	\$121,817,186	\$104,725,457	\$ 87,818,475	\$ 75,136,086
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>						
Operating revenue	\$34.27	\$27.18	\$32.92	\$26.51	\$35.54	\$27.31
Operating expenses	\$25.66	\$21.21	\$26.08	\$21.94	\$25.34	\$20.31
No. of tons moved one mile (Rev.Fr.)	3,197	2,408	2,987	2,350	3,574	2,552
No. of tons moved one mile (All Fr.)	3,507	2,666	3,343	2,640	3,883	2,811
No. of rev. passengers carried one mile	205	138	212	132	210	147
<u>AVERAGES PER FREIGHT TRAIN MILE</u>						
Freight revenue	\$5.77	\$5.62	\$5.67	\$5.38	\$5.72	\$5.76
No. of tons of freight (Rev.Fr.)	686.9	638.2	669.8	621.3	726.7	685.6
No. of tons of freight (All Fr.)	753.6	706.4	749.5	698.1	789.4	755.0
Gross ton miles	1,643.7	1,583.1	1,629.0	1,553.5	1,669.0	1,628.2
Loaded freight cars	25.5	25.0	25.7	24.6	24.8	25.1
Empty freight cars	12.8	12.5	12.2	11.9	13.6	12.9
<u>AVERAGES PER PASSENGER TRAIN MILE</u>						
Passenger train revenues	\$2.28	\$1.99	X \$2.52	X \$2.27	\$2.05	\$1.73
Passengers carried	80.8	58.8	89.2	61.8	74.3	55.7
Passenger cars	8.5	8.0	8.7	8.3	8.1	7.6
Average operating expenses per train mile	\$3.51	\$3.40	\$3.75	\$3.62	\$3.24	\$3.15
Average length of haul (Rev.Fr.) Miles	385.3	354.8	450.5	427.4	500.5	436.2
Average passenger journey Miles	112.9	105.4	99.4	99.9	143.6	118.9
Average tons per loaded freight car miles	29.6	28.3	28.2	28.3	31.3	30.1
Average freight receipt per revenue ton mile	.840¢	.880¢	.847¢	.867¢	.787¢	.840¢
Average passenger receipt per passenger per mile	1.863¢	1.954¢	1.805¢	1.927¢	1.908¢	1.967¢
Ratio of operating pay roll to operating revenues	41.9%	45.2%	46.5%	49.3%	39.5%	43.8%
Ratio of operating expenses to revenues	74.87%	78.05%	79.23%	82.77%	71.30%	74.36%

Revised.

X Includes gross express revenue.



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CANADIAN NATIONAL SYSTEM

(Steam Lines in Canada and United States)

For Twelve Months Ended December 31, 1941

<u>OPERATING REVENUES</u>		1941	1940
Canadian Lines	\$ 261,826,874	\$ 212,300,711	
Duluth, Winnipeg and Pacific Railway Company	1,689,986	1,537,948	
Grand Trunk Western Railroad Company	30,391,495	25,243,837	
Canadian National Lines in New England	2,100,022	1,587,358	
Central Vermont Railway, Inc.	8,368,401	6,857,371	
Total	\$ 304,376,778	\$ 247,527,225	
<u>OPERATING EXPENSES</u>			
Canadian Lines	\$ 207,443,080	\$ 175,718,566	
Duluth, Winnipeg and Pacific Railway Company	1,328,459	1,199,567	
Grand Trunk Western Railroad Company	21,132,800	18,664,254	
Canadian National Lines in New England	1,842,254	1,592,199	
Central Vermont Railway, Inc.	6,021,844	5,345,227	
Total	\$ 237,768,437	\$ 202,519,813	
<u>NET OPERATING REVENUE</u>			
Canadian Lines	\$ 54,383,794	\$ 35,822,143	
Duluth, Winnipeg and Pacific Railway Company	361,527	338,381	
Grand Trunk Western Railroad Company	9,258,695	6,579,583	
Canadian National Lines in New England	257,768	Dr. 4,841	
Central Vermont Railway, Inc.	2,346,557	1,512,144	
Total	\$ 66,608,341	\$ 45,007,412	
<u>OPERATING INCOME</u>			
Canadian Lines	\$ 48,501,004	\$ 31,865,095	
Duluth, Winnipeg and Pacific Railway Company	32,423	34,584	
Grand Trunk Western Railroad Company	6,154,931	3,934,745	
Canadian National Lines in New England	Dr. 502,877	Dr. 633,533	
Central Vermont Railway, Inc.	1,441,096	763,517	
Total	\$ 55,626,577	\$ 35,964,408	