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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, 1949

A new maximum for railway operating revenues was attained in 1949 when the total reached \$885,553,527, up 2.2 p.c., or \$18,804,878 over the previous high established in 1946. The year was one of relatively high employment and industrial activity. Coupled with increased freight, express and passenger rates and the addition of Newfoundland lines on April 1st, the upward trend in revenues was sustained. The monthly report covers railways with operating revenues of \$500,000 or over annually and represents nearly 99 p.c. of the total steam railway revenues in Canada each year; thus, the national total for 1949 for all railways should exceed \$885,000,000, whereas the 1939 revenues had been \$567,179,085. The current estimate is 2.44 times that of 1939. In a similar comparison, the Net National Income of Canada for 1949 was just double that for 1939. The gain of 2.2 p.c. over 1948 in operating revenue of Canadian railways contrasts with a decrease of 11.9 p.c. shown for Class I railways in the United States where strikes reduced freight receipts and passenger traffic was down sharply. Operating expenses again outpaced the gain made in revenues, climbing \$24,160,686 or 3 p.c. over the 1948 total of \$798,411,145 to a new high of \$822,571,831. However, tax accruals eased \$1,095,598 to \$17,550,055 and hire of equipment was reduced \$670,293 to \$11,978,680. Joint facilities rents were \$86,792 lighter. The net result was an operating income of \$51,468,615 for 1949, a decrease of \$3,503,527 from the previous year's revised total of \$54,972,140.

As in 1948, Canadian railways again failed by a considerable margin to earn sufficient operating income to meet interest and other obligations despite near record levels of activity and peak earnings.

The addition of Newfoundland lines to the National System from April to December meant operating revenues of some \$7,756,500 and operating expenses of \$10,540,500, a deficit of \$2,584,000, to which must be added taxes and other charges.

Reviewing the year's operating revenues, each account registered an increase over 1948. Freight earnings rose 1.3 p.c. or \$8,856,932 to \$701,001,852 - a new record - while passenger fares were up 1.6 p.c. or \$1,505,240 from 1948 to \$84,791,443 compared with the record of nearly \$150,935,000 earned in 1944. Mail receipts rose 1.5 p.c., while express gained 10.7 p.c. or \$3,464,399 to \$35,758,631 - an all-time high. Other passenger train earnings increased 14 p.c., and the miscellaneous accounts 9.5 p.c. Operating expenses show increases of 3.1 p.c. or \$4,948,743 in maintenance of way and structures which required \$162,096,525 during 1949, while maintenance of equipment advanced \$11,664,477 or 6.7 p.c. over 1948 to \$164,705,062. Traffic expenses were up 5 p.c. to \$17,561,562. Transportation account at \$402,536,240 was increased \$2,901,806. General expenses were 8.8 p.c. heavier at \$41,161,457.

"All Railways" statistics of operation, which do not include Newfoundland data, reveal a decrease of 8.6 p.c. from 1948 volume in the tonnage of revenue freight carried, which declined 14,307,780 tons to 155,135,726 tons for the year. However, ton mileage eased only 4.8 p.c., indicating a rise in average length of haul from 547 to 561 miles. Revenue passengers numbered 32,198,686 compared with 35,655,239 one year earlier, a decrease of 9.7 p.c., while passenger miles were down 9.3 p.c., with average journey little changed. Loaded freight car miles were reduced 2.6 p.c. or over 60,080,000, and empty mileage rose 32,876,000 or 3.7 p.c. Total pay roll for 176,625 employees was \$491,758,641, an average of \$2,784.10 compared with \$2,734.70 in 1948 (up 1.8 p.c.) when 176,549 employees earned \$487,730,197 including retroactive pay not shown in the monthly reports. Average freight receipt per revenue ton mile was 1.251 cents against 1.176 cents in 1948, and passenger receipt per passenger per mile advanced from 2.404 to 2.698 cents.

CANADIAN NATIONAL RAILWAYS: Revenues from railway operations climbed to a record \$458,407,729 for 1949, up 3.8 p.c., or some \$15,663,000 over 1948, while expenses rose \$16,741,777 or 4.1 p.c. to \$424,761,819 - an all-time high. Tax accruals were \$586,152 heavier at \$7,067,041. Hire of equipment was up but rents credit improved. The resulting operating income at \$5,521,047 for the year compares with \$5,034,024 in 1948. Without the loss on Newfoundland operations some improvement would have been shown on Canadian lines over the previous year. Operating income for 1949 was also reduced on United States lines of the system from \$5,111,608 to \$2,025,770, leaving a system total of some \$5,546,817 with which to meet interest requirements of over \$48,100,000 in addition to other non-operating debts. All revenue accounts were higher with freight receipts up 2.1 p.c. or \$7,013,097 to \$329,474,414. Passenger fares responding to fare increases rose 4.6 p.c. to \$40,094,694. Mail and express revenue improved with the latter advancing \$3,073,789 or 15.8 p.c. to a record \$26,102,238. "All other" account was 15.4 p.c. better than in 1948 at \$24,054,493. Similarly every expense item increased over the preceding year. Maintenance charges on way and structures required nearly \$2,552,000 more to total \$77,500,314, while equipment took \$95,982,210, an increase of 10.5 p.c. or \$9,101,953. Transportation expenses advanced from \$214,700,639 to \$217,571,177, up 1.3 p.c., and general account climbed 8.1 p.c. to \$20,480,220. Operating statistics, in which some data for Newfoundland appear but not in the "All Railways" summary, reveal that 65,305,758 tons of revenue freight were carried on lines in the ten provinces during 1949, a decrease of 5,395,158 tons or 7.6 p.c. from 1948. Ton mileage was reduced 4.1 p.c. Passengers numbered 1,306,494 fewer at 17,494,106, but average receipt per passenger mile rose from 2.565 to 2.660 cents, and freight receipt per revenue ton mile was 1.233 cents against 1.158 cents for 1948. Total pay roll was \$275,495,662 for 101,397 employees compared with \$267,244,675 earned by 100,203 in 1948. The system summary covering Canadian and United States lines for the year, shows total revenues of \$500,723,366 and expenses of \$478,501,800, leaving after other deductions, \$5,546,817 in operating income compared with \$10,175,630 one year earlier.

CANADIAN PACIFIC RAILWAY COMPANY: The Canadian Pacific reported operating revenues at a peak of \$365,252,094 for 1949, up 2.8 p.c. or \$9,002,392 over 1948. Operating expenses were limited to an increase of \$7,468,036 at \$355,646,592. Tax accruals were reduced \$1,408,985 to \$6,615,460 and equipment hire and joint rentals were lighter. Consequently, operating income improved \$2,212,803 at \$20,631,868 for the year. The interest charge on funded and unfunded debt is placed at some \$12,500,000 against the railway company in 1949. With the credits from non-operating income, less non-operating expenses, a minor betterment was anticipated in net corporate income. Freight receipts improved 2.2 p.c. or \$6,178,627 over 1948 to \$292,082,977. Passenger fares were down slightly as were mail earnings. Express gained nearly \$865,000 and other passenger train receipts, \$669,541. "All other" account rose 5.8 p.c. Maintenance charges show increases of 5.7 p.c. from 1948 in way and structures and 4.8 p.c. in equipment to give a total allotment of over \$146,525,000 for maintenance. Traffic expenses were up 5.4 p.c., but transportation eased slightly from \$154,068,992 to \$153,961,543. General expenses increased 9.6 p.c., or \$1,554,954. Revenue freight tonnage totalled 56,445,884 tons, down 6 p.c. or 5,591,148 tons, but ton mileage declined only 5.6 p.c., as length of haul was 450 against 420 miles. Freight receipts per revenue ton mile were 1.304 cents compared with 1.134 cents in 1948, while passenger receipts averaged 2.72 cents per mile against 2.484 cents one year earlier. Total pay roll reached \$195,401,427, up 2.7 p.c. or \$5,099,545 and employees numbered 66,820 as compared with 67,696 in 1948.

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Subject to Revision

OPERATING REVENUES, EXPENSES AND STATISTICS OF CANADIAN RAILWAYS

For Twelve Months ended December 31, 1949

	ALL RAILWAYS		CANADIAN NATIONAL RAILWAYS		CANADIAN PACIFIC RAILWAY CO.	
	1949	1948	1949	1948	1949 *	1948
OPERATING REVENUES						
Freight	\$ 701,081,852	\$ 692,244,920	\$ 339,474,414	\$ 332,461,317	\$ 292,082,977	\$ 285,204,350
Passenger	84,391,643	82,886,394	40,094,694	38,353,991	37,786,760	37,848,138
Mail	9,340,250	/ 9,198,915	4,145,432	3,935,357	4,277,234	4,305,221
Express	35,738,651	32,274,232	X 26,102,238	X 23,028,449	8,206,448	7,243,559
Other passenger train	10,833,313	/ 9,500,003	4,536,458	3,916,815	6,023,704	5,364,163
Water line	3,512,415	3,509,074	-	-	1,603,694	1,687,977
All other	40,455,743	36,935,410	24,054,493	20,849,054	13,271,277	12,806,294
Total Railway Operating Revenues	885,353,827	866,548,949	X 436,407,729	X 426,544,983	363,252,094	355,249,702
OPERATING EXPENSES						
Maintenance of way and structures	162,086,525	/ 157,137,782	77,300,314	74,948,397	70,872,355	68,366,870
Maintenance of equipment	184,705,062	173,040,585	95,952,210	86,850,257	78,653,176	72,520,438
Traffic	17,581,532	16,724,263	8,065,299	7,721,142	8,179,977	7,760,322
Transportation	402,536,240	399,634,932	217,571,177	214,700,639	153,961,543	154,068,982
Miscellaneous operations	14,521,015	14,036,974	5,423,599	4,883,072	7,582,779	7,620,076
General	41,161,457	37,835,607	20,459,220	18,911,535	17,236,592	15,841,608
Total Railway Operating Expenses	822,571,831	/ 798,411,143	424,762,319	408,021,412	333,645,392	326,179,356
OPERATING INCOME						
Net operating revenue	62,781,996	/ 68,137,906	13,644,910	14,523,341	29,005,702	28,071,346
Railway tax accruals	17,550,035	/ 18,645,433	7,087,041	6,520,909	6,615,400	8,024,445
Hire of equipment	Dr. 11,978,690	/ Dr. 12,648,973	Dr. 3,125,429	Dr. 2,986,038	Dr. 1,336,025	Dr. 1,552,032
Joint facilities rents	Dr. 1,784,468	/ Dr. 1,971,200	Cr. 88,607	Cr. 47,030	Dr. 1,022,248	Dr. 1,075,703
Operating income	31,468,813	/ 34,972,140	3,521,047	5,064,024	20,631,969	18,419,166
OPERATING STATISTICS						
Average miles of road operated	42,518.41	42,546.07	22,289.77	21,728.27	17,031.2	17,032.7
/ No. of tons carried (Rev. Fr.)	155,135,726	169,643,506	65,393,758	70,698,916	56,445,684	60,036,833
No. of tons carried one mile " " Thous.	56,046,782	58,859,181	27,529,332	28,709,527	24,260,588	25,218,400
No. of tons carried one mile (All Fr.) "	61,316,081	64,152,495	30,235,041	31,658,931	26,709,152	27,461,632
Gross ton miles, excl. of locomotive & tender "	132,975,901	/ 136,065,007	* 64,880,012	66,715,032	57,185,084	57,529,953
No. of revenue passengers carried	32,198,686	35,655,239	17,494,105	18,902,599	11,369,157	13,629,044
No. of revenue passengers carried one mile "	3,128,484	3,448,269	1,507,466	1,623,492	1,389,395	1,523,514

Freight train miles	81,021,548	82,790,168	■ 38,947,926	40,057,771	35,636,127	35,938,752
Passenger train miles	45,107,052	45,510,536	■ 21,936,367	22,090,854	20,117,297	20,204,687
Total Trail Miles (rev. and non rev.)	128,623,945	131,252,594	62,319,664	63,915,298	56,608,206	57,100,992
Freight car miles - loaded	2,075,750,206	2,135,830,752	■ 1,033,116,305	1,063,785,596	870,820,265	886,526,014
Freight car miles - empty	932,818,822	899,942,560	■ 430,019,338	424,825,361	413,608,211	386,629,400
Passenger train car miles	411,412,708	408,555,828	■ 198,322,930	196,074,585	176,734,322	179,296,240
Total amount of pay roll	\$ 431,738,641	3/4 \$487,730,197	\$ 273,495,882	\$ 267,284,875	\$ 195,401,427	1/4 \$190,302,084
Number of employees	176,625	178,349	101,397	100,203	69,520	67,896
Pay roll chargeable to rly. operating expenses	\$ 457,627,033	4/4 \$454,803,727	\$ 250,268,031	\$ 244,841,320	\$ 184,870,924	2/4 \$181,047,340
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>						
Operating revenue	\$57.05	\$55.65	\$53.99	\$53.13	\$58.43	\$56.99
Operating expenses	\$53.00	4/ \$51.27	\$52.21	\$51.31	\$53.57	\$52.32
No. of tons moved one mile (Rev.Fr.)	3,611	3,780	3,384	3,610	3,903	4,045
No. of tons moved one mile (All Fr.)	3,951	4,120	3,716	3,978	4,297	4,405
No. of revenue passengers carried one mile	202	221	185	204	224	244
<u>AVERAGES PER FREIGHT TRAIN MILE</u>						
Freight revenue	\$8.65	\$8.36	\$8.72	\$8.30	\$8.20	\$7.96
No. of tons of freight (Rev.Fr.)	692	711	707	717	681	702
No. of tons of freight (All Fr.)	757	775	776	790	749	764
Gross ton miles	1,641	1,643	1,666	1,665	1,605	1,601
Loaded freight cars	25.6	25.8	26.5	26.6	24.4	24.7
Empty freight cars	11.5	10.9	11.0	10.6	11.6	10.8
<u>AVERAGES PER PASSENGER TRAIN MILE</u>						
Passenger train revenues	\$5.11	\$2.94	X \$5.41	X \$5.13	\$2.80	\$2.71
Passengers carried	69	76	89	73	69	75
Passenger cars	9.1	9.0	9.0	8.9	8.8	8.9
Average operating expenses per train mile	\$6.40	\$6.08	\$6.82	\$6.38	\$5.89	\$5.71
Average length of haul (Rev.Fr.) Miles	361	347	422	406	430	420
Average passenger journey Miles	97	97	86	86	116	112
Average tons per loaded freight car mile	29.6	30.0	29.3	29.7	30.1	31.0
Average freight receipt per revenue ton mile	1.251¢	1.176¢	1.233¢	1.158¢	1.204¢	1.134¢
Average passenger receipt per passenger per mile	2.696¢	2.404¢	2.660¢	2.363¢	2.720¢	2.484¢
Ratio of operating pay roll to operating revenues	51.7%	4/ 52.3%	57.1%	57.9%	50.9%	51.0%
Ratio of operating expenses to revenues	92.91%	92.14%	96.89%	96.56%	91.85%	91.82%

1/ Includes \$11,786,578 retroactive pay, March - July.

2/ Includes \$11,616,683 retroactive pay, March - July.

4/ Revised.

3/ Includes \$29,085,087 retroactive pay not shown in monthly reports.

4/ Includes \$11,616,683 retroactive pay not shown in monthly reports.

6/ Includes duplications.

X Includes gross express revenue.

■ Do not include Newfoundland figures.

CANADIAN NATIONAL SYSTEM

(Steam Lines in Canada and United States)

For Twelve Months ended December, 1949

	1949	1948
<u>OPERATING REVENUES</u>		
Canadian Lines	\$ 438,407,729	\$ 422,544,983
United States Lines	62,315,657	68,724,967
<u>Total</u>	<u>500,723,386</u>	<u>491,269,950</u>
<u>OPERATING EXPENSES</u>		
Canadian Lines	424,762,819	408,021,042
United States Lines	53,738,841	56,718,928
<u>Total</u>	<u>478,501,660</u>	<u>464,739,970</u>
<u>NET OPERATING REVENUE</u>		
Canadian Lines	13,644,910	14,523,941
United States Lines	8,576,816	12,006,039
<u>Total</u>	<u>22,221,726</u>	<u>26,529,980</u>
<u>OPERATING INCOME</u>		
Canadian Lines	3,521,047	5,064,024
United States Lines	2,025,770	5,111,606
<u>Total</u>	<u>5,546,817</u>	<u>10,175,630</u>

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