

Published by Authority of the Hon. James A. MACKINNON, M.P.,
Minister of Trade and Commerce.

DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

Dominion Statistician, HERBERT MARSHALL
Chief, Transportation and Public Utilities Branch, G.S. Wrong



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

JANUARY, 1947

Canadian railways earned \$57,565,026 during January as compared with \$55,796,577 in January 1946. Freight revenue increased by 10.6 per cent to \$44,872,495 which was a new high record for January, but passenger revenues declined by 22.0 per cent. Operating expenses increased from \$52,637,332 to \$55,374,574 reducing the operating income from \$135,087 to a debit of \$508,111. The increase in rates of pay effective June 1, 1946 was the principal factor in the heavier expenses. Revenue ton miles increased by 2.1 per cent but revenue passenger miles declined by 32.4 per cent and the average passenger journey decreased from 121 to 83-miles. The number of employees increased from 168,591 to 170,419 or by 1.1 per cent and the pay roll increased from \$29,770,660 to \$33,911,727 or by 13.9 per cent. This is by far the largest pay roll for any January and has been exceeded only by the October 1946 pay roll when revenues reached a peak and were 13.5 per cent higher than in January 1947.

CANADIAN NATIONAL RAILWAYS: Operating revenues of Canadian lines increased from \$27,517,700 in 1946 to \$28,164,200, freight revenue being up by \$1,895,800 or 9.7 per cent and passenger revenue being down by \$919,600 or 22.1 per cent. Operating expenses increased from \$25,227,137 to \$28,079,513 or by 11.5 per cent, and the operating income declined from \$1,567,516 to a debit of \$440,318. The United States lines showed an increase in operating revenues of 31 per cent and in operating expenses of 16 per cent raising the system gross revenues from \$30,901,000 in 1946 to \$32,858,000, operating expenses from \$28,625,000 to \$32,027,000, and the operating income was reduced from \$1,317,399 to a debit of \$288,623.

CANADIAN PACIFIC RAILWAY COMPANY: Gross revenues increased by only \$130,928 or from \$25,471,804 in 1946 to \$25,602,732, whereas operating expenses increased by \$1,569,629 or from \$20,780,665 to \$22,350,294 thus reducing the operating income from \$1,218,412 to \$187,034. Revenue ton miles showed only a slight increase, the average haul declining from 482 to 458 miles. The number of passengers increased by 1.6 per cent, but because of a reduction in the average length of journey from 146 to 92 miles the passenger miles declined by 36.1 per cent. The number of employees increased from 63,806 to 65,360 or by 2.4 per cent and the pay roll increased from \$11,652,126 to \$13,327,766 or by 14.4 per cent.

OPERATING REVENUES, EXPENSES AND STATISTICS OF CANADIAN RAILWAYS
JANUARY, 1947

	ALL RAILWAYS		CANADIAN NATIONAL RAILWAYS		CANADIAN PACIFIC RAILWAY CO.	
	1 9 4 7	1 9 4 6	1 9 4 7	1 9 4 6	1 9 4 7	1 9 4 6
OPERATING REVENUES						
Freight	\$ 44,872,495	\$ 40,585,745	\$ 21,408,000	\$ 19,512,200	\$ 18,722,055	\$ 17,199,510
Passenger	6,884,680	8,826,551	3,241,700	4,161,300	3,027,098	3,930,402
Mail	707,407	707,890	300,079	316,078	347,522	337,651
Express	1,355,318	1,770,984	X 1,421,670	X 1,330,290	325,921	373,091
Other passenger train	712,308	912,199	261,690	355,458	431,229	537,971
Water line	48,190	37,550	36,943	25,535
All other	2,484,628	2,955,658	1,531,061	1,642,374	711,964	1,067,644
Total Railway Operating Revenues	57,565,026	55,796,577	X 28,164,200	X 27,317,700	23,602,732	23,471,804
OPERATING EXPENSES						
Maintenance of way and structures	9,095,192	8,603,557	4,323,985	3,467,778	3,520,990	3,248,333
Maintenance of equipment	12,226,458	13,631,296	5,975,950	6,125,171	5,197,554	5,205,335
Traffic	1,198,029	1,073,887	533,336	463,827	577,383	534,516
Transportation	28,951,666	25,520,369	15,420,782	13,420,840	11,319,820	10,016,257
Miscellaneous operations	1,012,997	1,276,289	311,826	470,279	595,721	720,015
General	2,890,232	2,531,934	1,513,634	1,279,242	1,138,826	1,056,209
Total Railway Operating Expenses	55,374,574	52,637,332	28,079,513	25,227,137	22,350,234	20,780,665
OPERATING INCOME						
Net Operating revenue	2,190,452	3,159,245	84,687	2,090,563	1,252,438	2,691,139
Railway tax accruals	1,501,471	2,155,348	341,317	321,139	821,575	1,310,118
Hire of equipment	Dr. 1,027,690	Dr. 730,274	Dr. 180,339	Dr. 192,176	Dr. 139,308	Dr. 85,786
Joint facilities rents	Dr. 169,402	Dr. 138,536	Dr. 3,349	Dr. 9,732	Dr. 104,521	Dr. 76,823
Operating income	Dr. 508,111	135,087	Dr. 440,318	1,567,516	187,034	1,218,412
OPERATING STATISTICS						
Average miles of road operated	42,546.77	42,563.60	21,726.98	21,742.02	17,034.7	17,037.1
6 No. of tons carried (Rev.Fr.)	13,028,322	12,452,596	5,301,574	5,188,268	4,425,589	4,190,274
No. of tons carried one mile " " Thous.	4,745,315	4,643,721	2,286,818	2,220,374	2,027,516	2,018,715
No. of tons carried one mile (All Fr.) "	5,063,844	4,998,563	2,443,631	2,387,105	2,181,635	2,200,193
Gross ton miles, excl. of locomotive & tender "	10,688,347	10,448,071	5,096,396	4,947,145	4,466,715	4,555,110
No. of revenue passengers carried	3,462,460	3,516,324	1,795,470	1,818,791	1,363,144	1,341,365
No. of revenue passengers carried one mile "	286,616	423,836	132,434	191,768	125,165	195,886
Freight train miles	6,757,943	6,650,134	3,207,158	3,114,093	2,963,735	2,948,855
Passenger train miles	3,758,624	3,993,388	1,813,402	1,943,476	1,681,342	1,774,245
Total train miles (rev. and non rev.)	10,839,331	10,834,831	5,201,314	5,169,765	4,770,023	4,789,561
Freight car miles - loaded	169,314,342	161,620,843	82,709,729	77,834,275	70,348,714	68,625,150
Freight car miles - empty	63,421,068	70,174,507	29,721,183	30,503,653	25,805,872	32,040,784
Passenger train car miles	32,303,696	36,035,837	15,573,131	17,706,263	14,148,357	15,753,555
Total amount of pay roll	\$ (1) 33,911,727	\$ 29,770,060	\$ 18,363,048	\$ 16,184,679	\$ 13,327,766	\$ 11,652,126
Number of employees	170,419	168,591	94,960	94,497	65,360	63,806
Pay roll chargeable to rly. operating expenses	\$ (2) 32,001,791	\$ 28,072,489	\$ 17,157,765	\$ 15,074,903	\$ 12,692,149	\$ 11,128,236
DAILY AVERAGES PER MILE OF ROAD OPERATED						
Operating revenue	\$43.64	\$42.29	\$41.82	\$40.53	\$44.70	\$44.44
Operating expenses	\$41.98	\$39.89	\$41.69	\$37.43	\$42.32	\$39.35
No. of tons moved one mile (Rev.Fr.)	3,596	3,519	3,395	3,294	3,839	3,822
No. of tons moved one mile (All Fr.)	3,839	3,788	3,628	3,542	4,131	4,166
No. of revenue passengers carried one mile	217	321	197	285	237	371
AVERAGES PER FREIGHT TRAIN MILE						
Freight revenue	\$6.64	\$6.10	\$6.68	\$6.27	\$6.32	\$5.83
No. of tons of freight (Rev.Fr.)	702	698	713	713	684	685
No. of tons of freight (All Fr.)	749	752	762	767	736	746
Gross ton miles	1,582	1,571	1,589	1,589	1,507	1,545
Loaded freight cars	25.1	24.3	25.8	25.0	23.7	23.3
Empty freight cars	9.4	10.5	9.3	9.8	8.7	10.9
AVERAGES PER PASSENGER TRAIN MILE						
Passenger train revenues	\$2.70	\$3.06	X \$2.88	X \$3.17	\$2.46	\$2.92
Passengers carried	76	106	73	99	74	110
Passenger cars	8.6	9.0	8.6	9.1	8.4	8.9
Average operating expenses per train mile	\$5.11	\$4.86	\$5.40	\$4.88	\$4.69	\$4.34
Average length of haul (Rev.Fr.) Miles	364	373	431	428	458	482
Average passenger journey Miles	83	121	74	105	92	146
Average tons per loaded freight car mile	29.9	30.9	29.5	30.7	31.0	32.1
Average freight receipt per revenue ton mile	0.946¢	0.874¢	0.936¢	0.879¢	0.923¢	0.852¢
Average passenger receipt per passenger per mile	2.402¢	2.083¢	2.448¢	2.170¢	2.418¢	2.006¢
Ratio of operating pay roll to operating revenues	55.6%	50.3%	60.9%	55.2%	53.8%	47.4%
Ratio of operating expenses to revenues	96.19%	94.34%	99.70%	92.35%	94.69%	88.53%

X Includes gross express revenue. (1) Includes \$66,672 back pay. (2) Includes \$58,729 back pay. / Revised.
6 Includes duplications.



1010543304

CANADIAN NATIONAL SYSTEM

(Steam Lines in Canada and United States)

For the month of January, 1947

	1947	1946
<u>OPERATING REVENUES</u>		
Canadian Lines	\$ 28,164,200	\$ 27,317,700
United States Lines	4,693,800	3,583,300
Total	32,858,000	30,901,000
<u>OPERATING EXPENSES</u>		
Canadian Lines	28,079,513	25,227,137
United States Lines	3,947,487	3,397,863
Total	32,027,000	28,625,000
<u>NET OPERATING REVENUE</u>		
Canadian Lines	84,687	2,090,563
United States Lines	746,313	185,437
Total	831,000	2,276,000
<u>OPERATING INCOME</u>		
Canadian Lines	Dr. 440,318	1,567,516
United States Lines	151,695	Dr. 250,117
Total	Dr. 288,623	1,317,399