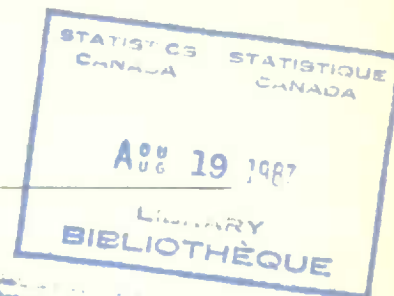


JAN 22 1949

DOMINION BUREAU OF STATISTICS
TRANSPORTATION DIVISION
OTTAWA

Dominion Statistician, HERBERT MARSHALL

Director, Transportation Division, G.S. Wrong



20-4140

OPERATING REVENUES, EXPENSES & STATISTICS
RAILWAYS IN CANADA
WITH ANNUAL OPERATING REVENUES OF
\$500,000 OR OVER
OCTOBER, 1948

Canadian railways earned a record \$82,839,900 from operations during October compared with the previous monthly high of \$79,481,743 in September and \$69,820,158 in the preceding October, representing increases of 4.2 p.c. and 18.6 p.c., respectively. October is normally the most active month of the railway year. Freight revenues improved \$12,516,659 or by 22.3 p.c. to \$68,587,004, although car loadings increased but fractionally. Freight earnings were more than double October, 1930, when the total was \$33,167,647. Passenger account showed a minor decrease from the same month of 1947, while mail and express revenues advanced, express rising by \$480,084 or 18.7 p.c. to \$5,046,791 for the month - a new peak.

Operating expenses were also on the upgrade, climbing from \$58,675,819 in October, 1947, to \$69,655,066, an increase of 18.7 p.c. or \$10,979,247. All expenditure accounts were heavier with maintenance up \$4,867,170 to \$28,807,101. Transportation costs increased \$5,885,113 or by 20 p.c., mainly as a result of augmented wage payments.

Net operating revenue showed a gain of \$2,040,495 over the same month of 1947 at \$15,184,834, but increased taxes and hire of equipment charges reduced this total to an operating income of \$9,864,303 compared with \$8,427,989 one year earlier. While the tonnage of revenue freight transported was down slightly from the previous October, mileage carried rose by 2.9 p.c., and average freight receipt per revenue ton mile advanced from 0.975 cents to 1.161 cents. The number of revenue passengers declined 118,945 but the length of the average journey increased from 94 to 96 miles. Passenger train mileage was up 1 p.c., and empty freight car miles rose 6.6 p.c. against an increase of 1.7 p.c. in loaded mileage.

Total pay roll for 181,191 employees reached \$42,668,781 during the month and included \$443,482 of retroactive pay. This represents a rise of over \$7,070,000 without backtime compared with October, 1947. Pay roll chargeable to railway operating expenses advanced from \$52,712,677 to \$59,729,433 including the back pay while the number of employees was up 7,000 or 4 p.c.

For the first ten months of 1948 all railways had operating revenues of \$708,315,212 against \$641,294,172 one year earlier, while expenses rose from \$588,986,145 to \$660,648,220. Operating income consequently declined from \$58,546,526 to \$16,324,896 - far from sufficient to meet interest obligations which aggregated over \$66,000,000 for the year 1947.

CANADIAN NATIONAL RAILWAYS: The Canadian lines reported revenues of \$40,454,300 for the month, up \$7,395,100 or 22.4 p.c. over the previous October with an improvement of \$6,992,000 or 26.8 p.c. in freight earnings. Passenger account was up \$31,900 or by 5.5 p.c., and express advanced by \$322,052 or 18 p.c. over October, 1947. Operating expenses kept pace with earnings, increasing 22.5 p.c. or by \$6,690,554 to \$56,418,863. Maintenance costs were up over \$5,022,000 and transportation rose \$5,428,255 to \$18,828,335. Net operating revenues totalled \$4,035,437 and were reduced by heavier tax and hire of equipment charges, resulting in an operating income of \$3,065,801 against \$2,761,164 one year earlier. The American lines of the system showed revenues of \$6,455,700 and expenses of \$4,837,137, while operating income netted \$1,068,356 to give an operating income of \$4,132,937 for the entire system during October. In the ten month summary a credit of \$4,311,274 in operating income from United States lines helps to offset the deficit of \$4,695,002 for the Canadian divisions, leaving a net debit of \$585,728.

CANADIAN PACIFIC RAILWAY COMPANY: An increase of \$4,439,455 or 14.7 was shown in October earnings of the company as compared with the total of \$50,015,526 credited in the same month of 1947. Of this improvement \$4,294,307 appears under freight revenue which rose from \$24,621,717 to \$28,916,024 or by 17.4 p.c. Passenger revenues declined slightly and express was up 12.9 p.c. or by \$85,942 from the previous October. Operating expenses were \$5,822,988 or 16.1 p.c. heavier at \$27,497,076 as against \$25,674,088. Maintenance expenditures increased \$1,894,860 and transportation charges \$1,957,045 to \$13,705,358. Tax accruals and equipment rentals advanced, and operating income revealed a gain of \$460,226 at \$5,871,587 for the month under review. Tonnage of revenue freight carried increased by less than 1 p.c. or 42,236 tons, but freight mileage declined fractionally. There were 43,878 fewer passengers carried as compared with the previous October and average journey was unchanged. Pay roll statistics showed 68,724 employees receiving \$16,509,222 against 65,484 on staff earning \$15,709,140 in October, 1947. Railway operations were charged with \$15,851,470 and \$12,911,082 respectively. In the period January - October, total operating revenues for the Canadian Pacific Railway Company were \$290,059,997 against expenses of \$266,568,217. Operating income, however, was \$11,486,412 for the ten months compared with \$15,815,803 in the same period of 1947.

OPERATING REVENUES, EXPENSES AND STATISTICS OF CANADIAN RAILWAYS

Subject to Revision

October, 1948

	ALL RAILWAYS		CANADIAN NATIONAL RAILWAYS		CANADIAN PACIFIC RAILWAY CO.	
	1948	1947	1948	1947	1948	1947
OPERATING REVENUES						
Freight	\$ 68,587,004	\$ 56,070,345	\$ 33,041,000	\$ 26,049,000	\$ 28,916,024	\$ 24,621,717
Passenger	6,043,107	6,095,068	2,858,400	2,766,500	2,669,524	2,693,451
Mail	768,506	755,863	332,711	327,747	368,445	369,075
Express	3,046,791	2,566,707	X 2,114,037	X 1,791,985	732,438	648,496
Other passenger train	720,613	760,935	306,130	319,137	395,458	423,383
Water line	370,806	344,119	-	-	172,881	137,201
All other	3,303,073	3,227,121	1,802,022	1,806,851	1,198,191	1,120,205
Total Railway Operating Revenues	82,839,900	69,820,158	X 40,454,300	X 33,061,200	34,452,959	30,013,528
OPERATING EXPENSES						
Maintenance of way and structures	13,667,697	11,677,159	6,745,389	5,679,741	5,642,732	4,639,096
Maintenance of equipment	15,139,404	12,262,772	8,242,548	6,285,942	5,760,720	4,879,496
Traffic	1,387,045	1,303,492	691,774	548,046	589,145	654,182
Transportation	35,356,208	29,473,095	18,828,335	15,400,080	13,705,336	11,748,293
Miscellaneous operations	1,155,509	1,020,610	418,511	324,098	605,697	553,518
General	2,949,203	2,938,691	1,492,306	1,490,402	1,193,446	1,199,503
Total Railway Operating Expenses	69,655,066	58,675,819	36,418,863	29,728,309	27,497,076	23,674,088
OPERATING INCOME						
Net operating revenue	13,184,834	11,144,339	4,035,437	3,332,891	6,955,883	6,339,438
Railway tax accruals	1,942,867	1,644,473	565,255	457,207	1,027,805	931,810
Hire of equipment	Dr. 1,238,147	Dr. 900,012	Dr. 410,661	Dr. 108,023	Dr. 191,804	Dr. 109,931
Joint facilities rents	Dr. 139,517	Dr. 171,865	Cr. 4,080	Dr. 6,497	Dr. 64,687	Dr. 86,336
Operating income	9,864,303	8,427,989	3,063,601	2,761,164	5,671,587	5,211,561
OPERATING STATISTICS						
Average miles of road operated	42,550.95	42,554.99	21,734.15	21,735.20	17,031.7	17,034.7
✓ No. of tons carried (Rev.Fr.)	15,928,640	16,024,285	6,677,064	6,763,487	5,875,694	5,833,458
No. of tons carried one mile " " Thous.	5,907,107	5,740,515	2,853,704	2,648,345	2,639,168	2,651,689
No. of tons carried one mile (All Fr.) "	6,387,802	6,172,930	3,116,793	2,891,112	2,845,883	2,831,783
Gross ton miles, excl. of locomotive & tender "	13,322,337	12,864,931	6,483,782	6,033,235	5,851,879	5,760,414
No. of revenue passengers carried	2,592,152	2,709,097	1,348,297	1,396,274	969,020	1,012,898
No. of revenue passengers carried one mile "	249,118	255,021	116,669	114,970	106,387	110,921
Freight train miles	7,577,682	7,329,933	3,638,867	3,440,650	3,374,734	3,300,718
Passenger train miles	3,764,337	3,728,876	1,847,497	1,832,634	1,644,737	1,628,242
Total train miles (rev. and non rev.)	11,520,943	11,263,750	5,583,313	5,385,500	5,079,196	4,995,039
Freight car miles - loaded	205,866,465	202,354,507	101,456,899	97,037,293	88,663,946	88,165,117
Freight car miles - empty	88,710,576	83,212,374	41,986,158	37,139,188	39,707,511	37,942,106
Passenger train car miles	34,092,847	✓ 32,704,520	16,527,626	15,994,835	14,655,266	13,975,645
Total amount of pay roll	\$ 1/ 42,668,781	\$ 35,155,283	\$ 23,505,165	\$ 19,104,191	\$ 16,509,222	\$ 13,709,140
Number of employees	181,191	174,145	101,927	98,338	68,724	65,484
Pay roll chargeable to rly. operating expenses	\$ 2/ 39,729,433	\$ 32,712,677	\$ 21,525,373	\$ 17,577,067	\$ 15,651,470	\$ 12,911,082
DAILY AVERAGES PER MILE OF ROAD OPERATED						
Operating revenue	\$62.80	\$52.93	\$60.04	\$49.07	\$65.25	\$56.84
Operating expenses	\$52.81	\$44.48	\$54.05	\$44.12	\$52.08	\$44.83
No. of tons moved one mile (Rev. Fr.)	4,478	4,351	4,235	3,931	4,999	5,021
No. of tons moved one mile (All Fr.)	4,843	4,679	4,626	4,291	5,390	5,362
No. of revenue passengers carried one mile	189	193	173	171	201	210
AVERAGES PER FREIGHT TRAIN MILE						
Freight revenue	\$9.05	\$7.65	\$9.08	\$7.57	\$8.57	\$7.46
No. of tons of freight (Rev.Fr.)	780	783	784	770	782	803
No. of tons of freight (All Fr.)	843	842	857	840	843	858
Gross ton miles	1,758	1,755	1,782	1,754	1,734	1,745
Loaded freight cars	27.2	27.6	27.9	28.2	26.3	26.7
Empty freight cars	11.7	11.4	11.5	10.8	11.8	11.5
AVERAGES PER PASSENGER TRAIN MILE						
Passenger train revenues	\$2.81	\$2.73	X \$3.04	X \$2.84	\$2.53	\$2.54
Passengers carried	66	68	63	63	65	68
Passenger cars	9.1	8.8	8.9	8.7	8.9	8.6
Average operating expenses per train mile	\$6.06	\$5.21	\$6.52	\$5.52	\$5.41	\$4.74
Average length of haul (Rev.Fr.) Miles	371	358	427	392	449	455
Average passenger journey Miles	96	94	87	82	110	110
Average tons per loaded freight car mile	31.0	30.5	30.7	29.8	32.1	32.1
Average freight receipt per revenue ton mile	1.161¢	0.975¢	1.158¢	0.984¢	1.096¢	0.929¢
Average passenger receipt per passenger per mile	2.426¢	2.390¢	2.450¢	2.406¢	2.509¢	2.428¢
Ratio of operating pay roll to operating revenues	48.0%	46.9%	53.2%	53.2%	45.4%	43.0%
Ratio of operating expenses to revenues	84.08%	84.04%	90.02%	89.92%	79.81%	78.88%

✓ Includes duplications.
/ Revised.

1/ Includes \$443,482 backtime.

2/ Includes \$34,493 backtime.

X Includes gross express revenue.

OCTOBER, 1948

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CANADIAN NATIONAL SYSTEM

(Steam Lines in Canada and United States)

For the month of October, 1948

	1948	1947
<u>OPERATING REVENUES</u>		
Canadian Lines	\$ 40,454,300	\$ 33,061,200
United States Lines	6,435,700	5,372,800
Total	46,890,000	38,434,000
<u>OPERATING EXPENSES</u>		
Canadian Lines	56,418,865	29,728,309
United States Lines	4,837,137	4,586,691
Total	41,256,000	34,315,000
<u>NET OPERATING REVENUE</u>		
Canadian Lines	4,035,437	3,332,891
United States Lines	1,598,563	786,109
Total	5,634,000	4,119,000
<u>OPERATING INCOME</u>		
Canadian Lines	5,063,601	2,761,164
United States Lines	1,069,336	154,171
Total	4,132,937	2,915,335
<u>SUMMARY</u>		
Ten months ended October 31, 1948		
<u>ALL RAILWAYS</u>		
Operating Revenues	708,315,212	641,294,172
Operating Expenses	660,648,220	568,986,145
Net Operating Revenue	47,666,992	72,308,027
Operating Income	16,324,896	38,346,526
<u>CANADIAN NATIONAL RAILWAYS</u>		
Operating Revenues - Canadian Lines	344,016,900	512,136,000
United States Lines	57,421,100	50,070,000
Total	401,438,000	362,206,000
Operating Expenses - Canadian Lines	340,731,346	288,334,812
United States Lines	47,246,654	41,470,188
Total	387,978,000	329,805,000
Net Operating Revenue - Canadian Lines	3,285,554	23,801,188
United States Lines	10,174,446	8,599,812
Total	13,460,000	32,401,000
Operating Income - Canadian Lines	Dr. 4,695,002	15,500,143
United States Lines	4,311,274	2,346,959
Total	Dr. 383,728	17,847,102
<u>CANADIAN PACIFIC RAILWAY COMPANY</u>		
Operating Revenues	290,039,997	264,961,699
Operating Expenses	266,568,217	253,421,373
Net Operating Revenue	23,471,780	31,540,326
Operating Income	11,486,412	15,813,803

E R R A T A

	July, 1948		August, 1948		September, 1948	
	Reads	Should Read	Reads	Should Read	Reads	Should Read
<u>Canadian National Railways</u>						
Total train miles (rev. & non rev.)	5,420,025	5,365,975	5,511,682	5,251,042	5,576,886	5,521,570
Average Operating expenses per train mile	\$8.38	\$8.47	\$6.59	\$6.75	\$6.40	\$6.47
No. of tons carried (Rev. Fr.)	5,852,010	5,887,078	5,937,261	5,866,769	6,548,801	6,402,464
Ave. length of haul (Rev. Fr.) Miles	370	376	376	381	384	392
<u>All Railways</u>						
Total train miles (rev. & non rev.)	10,994,607	10,940,559	10,904,832	10,844,192	11,176,994	11,121,678
Ave. Operating expenses per train mile	\$7.14	\$7.17	\$6.34	\$6.37	\$6.23	\$6.26
No. of tons carried (Rev. Fr.)	13,840,965	13,744,619	13,981,471	13,910,999	15,588,601	15,442,264
Ave. length of haul (Rev. Fr.) Miles	319	321	334	335	345	348