

Mr. Deek

C-7

DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA



Memorandum

BANK OF CANADA
AUG 18 1954
Research Department

VOL. 34, NO. 5

MAY, 1954

PRICE: \$1.00 per year

RAILWAY OPERATING STATISTICS

(Operating Revenues, Expenses and Statistics of 16 Railways mainly with Annual Operating Revenues over \$500,000)

Operating revenues of the sixteen railways which provide data for this report totalled \$89,453,591 down 13.3% from May 1953 when operation revenues were \$103,193,726. Expenses for the month were \$85,318,686, 10.9 p.c. below expenses of \$95,765,173 for May 1953. Operating income at 1,463,020 was 2,893,026 lower than the \$4,356,046 of one year ago.

Revenue tons carried were off 16.7 p.c. at 12,039,830 while revenue ton miles fell 27.3 p.c. to 4,356,877. Revenue passengers were down 9,234 in number to 2,185,661 while passenger miles dropped by 2.5 p.c. to 229,776,000. Freight train miles were 17.7 p.c. lower and passenger trains travelled 1.6 p.c. fewer miles.

CANADIAN NATIONAL RAILWAYS: Canadian Lines of the system earned operating revenues of \$46,037,900 during May compared with \$52,455,400 one year previously indicating a drop of \$6,417,500 or 12.2 p.c. Expenses at \$46,200,927 were down 8.3 p.c. from \$50,373,802 in May 1953. The Canadian lines had an operating loss of \$417,532 compared with an operating gain in 1953 of \$1,647,944. Revenue tonnage carried was 18.5 p.c. lower at 5,147,757 tons but the drop in revenue ton miles was 26.8 p.c., the total for the month being 2,181,277 ton miles.

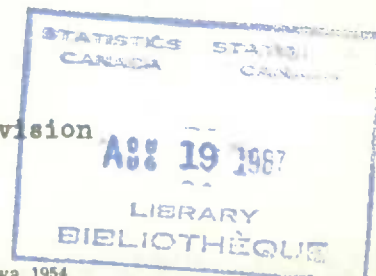
Operating revenues of the Canadian National system were \$52,587,000 and expenses were \$51,601,000. The \$219,552 profit on United States lines reduced the net operating loss to \$197,980 for the month. During the five-month period ended May 31, the System had an operating loss of \$7,197,493 compared with a loss of \$420,075 in the same period of 1953.

CANADIAN PACIFIC RAILWAY COMPANY: Revenues of the company for May were \$35,699,588 down 13.6 p.c. from revenues of \$41,325,320 for May, 1953. Revenues from freight fell 16.0 p.c. to \$29,243,123. Operating economics especially in maintenance of way and structures which took 26.4 p.c. less at \$8,093,729 contributed to a 14.9 p.c. drop in expenses from \$38,643,155 to \$32,897,982. Operating income for the month increased \$117,247 to \$1,852,789 compared with \$1,735,542 the previous May. Revenue tonnage was down 17.1 p.c. at 4,238,347 tons and the average haul dropped from 513 to 432 miles contributing to a drop of 30.2 p.c. in revenue ton miles to 1,832,321. Operating income for the months January to May, 31, 1954 was \$6,663,188 compared with \$8,231,522 for the same period in 1953.

8504-505

9-8-54

Prepared in the Public Finance and Transportation Division



OPERATING REVENUES, EXPENSES AND STATISTICS OF CANADIAN RAILWAYS

MAY, 1954

Subject to Revision

	TOTAL (16 RAILWAYS)		CANADIAN NATIONAL RAILWAYS		CANADIAN PACIFIC RAILWAY CO.	
	1954	1953	1954	1953	1954	1953
<u>OPERATING REVENUES</u>						
Freight	\$ 70,688,240	\$ 84,028,462	\$ 35,081,000	\$ 41,370,000	\$ 29,243,123	\$ 34,801,722
Passenger	6,618,833	6,767,054	3,272,700	3,346,600	2,934,353	2,956,419
Mail	1,247,174	1,126,270	594,100	521,900	575,361	506,093
Express	4,523,473	4,692,750	x 3,334,700	x 3,504,000	960,864	944,679
Other passenger train	970,771	1,032,456	404,105	454,593	551,358	559,382
Water line	424,551	526,654	-	-	161,647	191,787
All other	4,980,549	5,020,080	3,351,295	3,258,307	1,272,882	1,365,238
Total Railway Operating Revenues	89,453,591	103,193,726	x 46,037,900	x 52,455,400	35,699,588	41,325,320
<u>OPERATING EXPENSES</u>						
Maintenance of way and structures	\$ 20,134,282	\$ 23,559,915	\$ 10,355,412	\$ 10,744,846	\$ 8,093,729	\$ 10,990,912
Maintenance of equipment	18,302,630	21,103,651	9,807,035	11,118,174	7,353,567	8,600,374
Traffic	2,031,117	2,028,948	1,019,883	1,005,354	869,176	885,442
Transportation	38,054,272	42,329,783	21,504,662	24,067,392	13,843,261	15,363,400
Miscellaneous operations	1,276,734	1,302,309	474,463	492,452	639,176	648,300
General	5,519,651	5,440,567	3,059,472	2,945,584	2,099,073	2,154,727
Total Railway Operating Expenses	85,318,686	95,765,173	46,200,927	50,373,802	32,897,982	38,643,155
<u>OPERATING INCOME</u>						
Net operating revenue	\$ 4,134,905	\$ 7,428,553	\$ Dr. 163,027	\$ 2,081,598	\$ 2,801,606	\$ 2,682,165
Railway tax accruals	2,277,410	2,342,973	818,757	779,792	1,030,000	855,000
Hire of equipment	Dr. 192,132	Dr. 537,703	Cr. 537,570	Cr. 349,670	Cr. 209,895	Cr. 20,814
Joint facilities rents	Dr. 202,343	Dr. 191,831	Cr. 26,682	Dr. 3,532	Dr. 128,712	Dr. 112,437
Operating income	1,463,020	4,356,046	Dr. 417,532	1,647,944	1,852,789	1,735,542
<u>OPERATING STATISTICS</u>						
Average miles of road operated	43,429.98	43,300.64	22,848.56	22,500.12	17,003.1	17,019.2
No. of tons carried (Rev.Fr.)	12,039,830	14,456,905	5,147,757	6,318,748	4,238,347	5,115,178
No. of tons carried one mile " " Thous.	4,356,877	5,996,139	2,181,277	2,980,470	1,832,321	2,624,932
No. of tons carried one mile (All Fr.) "	4,686,076	6,466,767	2,355,137	3,215,868	1,972,369	2,838,078
Gross ton miles, excl. of locomotive & tender "	10,449,608	13,085,296	5,241,529	6,226,538	4,297,901	5,894,376
No. of revenue passengers carried	2,185,661	2,194,895	1,267,656	1,275,081	731,841	720,504
No. of revenue passengers carried one mile "	229,776	235,656	108,416	110,663	104,963	106,962

Freight train miles	5,875,024	7,140,666	2,871,154	3,428,815	2,541,732	3,226,299
Passenger train miles	3,817,613	3,877,926	1,869,273	1,861,048	1,716,473	1,761,868
Total train miles (rev. and non rev.)	9,974,960	11,246,896	4,943,488	5,402,848	4,309,631	5,076,419
Freight car miles - loaded	161,950,485	194,902,516	83,818,536	95,806,122	64,144,801	84,148,226
Freight car miles - empty	73,281,524	97,765,914	34,622,853	46,315,523	31,562,006	44,247,850
Passenger train car miles	34,576,215	35,139,042	17,024,662	17,259,857	15,202,119	15,311,663
Total amount of pay-roll	\$ 51,649,966	\$ 57,348,476	\$ 29,646,153	\$ 32,488,324	\$ 19,026,940	\$ 21,723,655
Number of employees	183,403	203,396	106,926	116,171	66,725	76,739
Pay-roll chargeable to Railway Operating Expenses	\$ 47,877,667	\$ 52,961,812	\$ 26,971,026	\$ 29,655,178	\$ 18,051,665	\$ 20,294,604
<u>DAILY AVERAGES PER MILE OF ROAD OPERATED</u>						
Operating revenue	\$ 66.44	\$ 76.88	\$ 65.57	\$ 75.20	\$ 67.73	\$ 78.33
Operating expenses	\$ 63.37	\$ 71.34	\$ 65.80	\$ 72.22	\$ 62.41	\$ 73.24
No. of tons moved one mile (Rev.Fr.)	3,236	4,467	3,107	4,273	3,476	4,975
No. of tons moved one mile (All Fr.)	3,481	4,810	3,354	4,611	3,742	5,379
No. of revenue passengers carried one mile	171	176	154	159	199	203
<u>AVERAGES PER FREIGHT TRAIN MILE</u>						
Freight revenue	\$ 12.03	\$ 11.77	\$ 12.22	\$ 12.07	\$ 11.51	\$ 10.79
No. of tons of freight (Rev.Fr.)	742	840	760	869	721	814
No. of tons of freight (All Fr.)	798	904	820	938	776	880
Gross ton miles	1,779	1,833	1,826	1,816	1,691	1,827
Loaded freight cars	27.6	27.3	29.2	27.9	25.2	26.1
Empty freight cars	12.5	13.7	12.1	13.6	12.4	13.7
<u>AVERAGES PER PASSENGER TRAIN MILE</u>						
Passenger train revenues	\$ 3.50	\$ 3.51	\$ x 4.07	\$ x 4.25	\$ 2.93	\$ 2.82
Passengers carried	60	61	58	59	61	61
Passenger cars	9.0	9.1	9.1	9.3	8.9	8.7
Average operating expenses per train mile	\$ 8.55	\$ 8.51	\$ 9.35	\$ 9.32	\$ 7.63	\$ 7.61
Average length of haul (Rev.Fr.) Miles	362	415	424	472	432	513
Average passenger journey Miles	105	107	86	87	143	148
Average tons per loaded freight car mile	28.9	33.1	28.1	33.6	30.7	33.7
Average freight receipt per revenue ton mile	1.622¢	1.401¢	1.608¢	1.388¢	1.596¢	1.326¢
Average passenger receipt per passenger per mile	2.880¢	2.872¢	3.019¢	3.024¢	2.796¢	2.764¢
Ratio of operating pay roll to operating revenues	53.5%	51.3%	58.6%	56.5%	50.6%	49.1%
Ratio of operating expenses to revenues	95.38%	92.80%	100.35%	96.03%	92.15%	93.51%

⌘ Revised.

x Includes gross express revenue.

¢ Includes duplications.



CANADIAN NATIONAL RAILWAYS

(Steam Lines in Canada and United States)

(For the Month of May, 1954.)

	1954	1953
<u>OPERATING REVENUES</u>		
Canadian Lines	\$ 46,037,900	\$ 52,455,400
United States Lines	6,549,100	7,763,600
Total	\$ 52,587,000	\$ 60,219,000
<u>OPERATING EXPENSES</u>		
Canadian Lines	\$ 46,200,927	\$ 50,373,802
United States Lines	5,400,073	5,640,198
Total	\$ 51,601,000	\$ 56,014,000
<u>NET OPERATING REVENUE</u>		
Canadian Lines	\$ Dr. 163,327	\$ 2,081,598
United States Lines	1,149,027	2,123,402
Total	\$ 986,000	\$ 4,205,000
<u>OPERATING INCOME</u>		
Canadian Lines	\$ Dr. 417,532	\$ 1,647,944
United States Lines	219,552	1,063,889
Total	\$ Dr. 197,980	\$ 2,711,833
<u>SUMMARY</u>		
Five months ended May, 1954 and May, 1953		
<u>16 RAILWAYS</u>		
Operating Revenues	\$ 434,555,841	\$ 485,831,720
Operating Expenses	417,500,595	456,161,919
Net Operating Revenue	17,055,246	29,669,801
Operating Income	1,179,653	10,079,826
<u>CANADIAN NATIONAL RAILWAYS</u>		
Operating Revenues - Canadian Lines	\$ 225,392,300	\$ 249,848,900
United States Lines	32,265,700	35,368,100
Total	\$ 257,658,000	\$ 285,217,000
Operating Expenses - Canadian Lines	\$ 231,937,897	\$ 251,001,402
United States Lines	26,537,103	27,476,598
Total	\$ 258,475,000	\$ 278,478,000
Net Operating Revenue - Canadian Lines	\$ Dr. 6,545,597	\$ Dr. 1,152,502
United States Lines	5,728,597	7,891,502
Total	\$ Dr. 817,000	\$ 6,739,000
Operating Income - Canadian Lines	\$ Dr. 8,042,126	\$ Dr. 3,713,559
United States Lines	844,632	3,293,484
Total	\$ Dr. 7,197,493	\$ Dr. 420,075
<u>CANADIAN PACIFIC RAILWAY CO.</u>		
Operating Revenues	\$ 170,445,714	\$ 190,765,636
Operating Expenses	156,681,296	173,722,976
Net Operating Revenue	13,764,418	17,032,661
Operating Income	6,663,188	8,231,622