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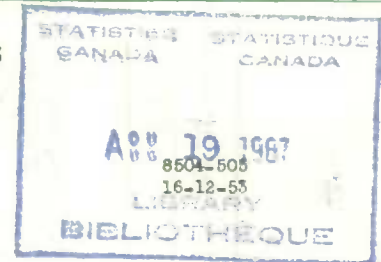
D.B.S. MEMORANDUM

Dominion Bureau of Statistics, Ottawa, Canada

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

VOL. 33

SEPTEMBER, 1953



September operating revenues advanced \$3,991,542 or 4.0 p.c. to \$102,617,478 for the month compared with \$98,625,936 in September, 1952. Freight revenues gained 3.7 p.c. or \$2,882,847 to \$81,759,990; passenger revenues were up 4.4 p.c. to \$7,784,804; mail revenues rose 15.6 p.c. to \$1,233,200; water line revenues were up 11.4 p.c. to \$551,500 and miscellaneous revenues up 19 p.c. to \$5,602,452. Express and other passenger train revenues were down 5.1 p.c. and 8.1 p.c. respectively to \$4,574,352 and \$1,071,180.

Operating expenses outstripped revenue gains by increasing 11.0 p.c. from \$82,777,531 to \$91,897,289. Maintenance of way and structures up 21.9 p.c. or \$3,604,931 to \$20,075,885; maintenance of equipment up \$1,950,569 to \$20,872,926 and transportation, \$2,532,250 higher at \$42,227,003 accounted for much of the increase which, however, was common to all groups.

Net operating revenue fell by \$5,128,216 to \$10,720,189 for the month. Tax accruals were \$2,964,167 lower at \$2,825,108 and this together with slight improvements in hire of equipment and joint facilities rents out the decrease in operating income to \$2,043,777. Operating income during September totalled \$6,955,352.

Freight traffic was reduced in volume with tonnage carried 2.8 p.c. lower at 15,065,102 tons and ton miles down 2.7 p.c. to 5,246,379,000 ton miles. Passengers carried numbered 9,970 fewer at 2,382,939 but average journeys were longer and passenger miles climbed 4.8 p.c. to 268,785,000 passenger miles. While the number employed increased by less than one percent to 206,350 employees the earnings of railway personnel rose by 11.2 p.c. to \$57,961,600.

CANADIAN NATIONAL RAILWAYS: All revenue accounts of this company showed improvement with the exception of "other passenger train" which fell 10.7 p.c. to \$498,286. Freight revenues gained \$1,478,000 to \$41,682,000 and "other" revenues rose by \$633,792 or 20.6 p.c. to \$3,711,315. Total revenues were up 5.1 p.c. or \$2,622,300 to \$53,906,000.

Operating expenses were 11.1 p.c. higher at \$50,272,375 with maintenance of way and structures up 24.7 p.c. to \$10,607,957, maintenance of equipment 10.3 p.c. greater at \$11,504,689, miscellaneous operations 20.4 p.c. more costly and general expenses 18.1 p.c. larger.

September net operating revenue was down \$2,389,107 to \$3,633,625 but small improvements occurred in accrued taxes, hire of equipment and joint facilities rents accounts. The operating income of the system's Canadian Lines was \$3,122,165, some \$2,130,452 lower than one year previously.

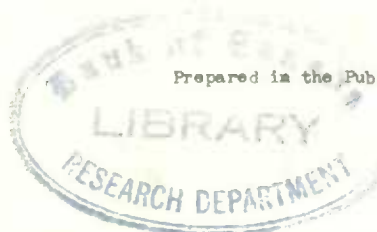
Average operating expenses per train mile rose from \$7.90 one year ago to \$8.41 in September. Train miles operated in both freight and passenger services were greater than in September, 1952. Passengers carried and passenger miles were also up slightly but freight traffic was down some 5.1 p.c. in tonnage of revenue freight carried and 3.1 p.c. in ton miles.

CANADIAN PACIFIC RAILWAY COMPANY: Operating revenues of the C.P.R. rose by \$253,647 to \$39,326,680 for the current September. A 27.5 p.c., \$358,906 drop in express revenues to \$944,523 and a small decline in "other passenger train" revenues offset much of the gains in the other revenue accounts. The rise in operating expenses was 11.1 p.c. or \$3,496,826 and featured 20.3 p.c. higher maintenance of way and structures, 11.7 p.c. greater maintenance of equipment and 17.6 p.c. more general costs. Total operating expenses for the month were \$34,946,978. Net operating revenues of \$4,379,702 were \$3,243,179 lower than the net of \$7,622,881 in September, 1952. Tax accruals were \$2,810,000 lower and smaller gains in hire of equipment and joint facilities rents brought the operating income to \$2,783,471, some \$323,279 below the previous September.

Passenger travel was improved with longer passenger journeys accounting for a 4.1 p.c. increase in passenger miles with virtually no change in passengers carried. Tons of revenue freight carried were down 1.2 p.c. and revenue ton miles were 4.3 p.c. lower at 2,182,056,000 ton miles. Employees numbered 75,976, down slightly from the 76,468 one year previously, but their earnings were up almost 10 p.c. from \$19,571,313 to \$21,489,780.

Price per year \$1.00

Prepared in the Public Finance and Transportation Division



OPERATING REVENUES, EXPENSES AND STATISTICS OF CANADIAN RAILWAYS

SEPTEMBER, 1953

Subject to Revision

	ALL RAILWAYS		CANADIAN NATIONAL RAILWAYS		CANADIAN PACIFIC RAILWAY CO.	
	1953	1952	1953	1952	1953	1952
OPERATING REVENUES						
Freight	\$ 81,799,990	\$ 78,917,143	\$ 41,682,000	\$ 40,204,000	\$ 32,345,008	\$ 32,145,424
Passenger	7,784,804	7,453,840	3,966,100	3,676,800	3,227,256	3,147,028
Mail	1,233,200	1,066,835	578,100	488,200	561,816	483,126
Express	4,574,352	4,821,428	x 3,470,200	x 3,279,000	944,323	1,303,228
Other passenger train	1,071,180	1,165,364	498,285	558,177	549,444	583,874
Water line	551,500	495,223	-	-	238,881	232,662
All other	5,602,452	4,706,103	3,711,315	3,077,523	1,459,952	1,177,691
Total Railway Operating Revenues	102,617,478	98,625,936	x 53,906,000	x 51,283,700	39,326,680	39,073,033
OPERATING EXPENSES						
Maintenance of way and structures	\$ 20,075,885	\$ 16,470,954	\$ 10,607,957	\$ 8,503,815	\$ 7,784,544	\$ 6,471,168
Maintenance of equipment	20,872,926	18,922,357	11,504,689	10,432,112	8,162,602	7,307,460
Traffic	1,865,817	1,737,621	881,830	812,307	849,002	809,614
Transportation	42,227,003	39,694,753	23,744,518	22,529,430	15,340,198	14,379,831
Miscellaneous operations	1,484,704	1,380,552	597,702	496,635	712,486	697,993
General	5,370,954	4,571,294	2,935,679	2,486,669	2,098,146	1,784,086
Total Railway Operating Expenses	91,897,289	82,777,531	50,272,375	45,260,968	34,946,978	31,450,152
OPERATING INCOME						
Net operating revenue	\$ 10,720,189	\$ 15,848,405	\$ 3,633,625	\$ 6,022,732	\$ 4,379,702	\$ 7,622,881
Railway tax accruals	2,825,108	5,789,275	759,792	761,158	1,490,000	4,300,000
Hire of equipment	Dr. 788,080	Dr. 872,242	Cr. 244,132	Cr. 2,855	Dr. 23,820	Dr. 105,991
Joint facilities rents	Dr. 151,649	Dr. 187,759	Cr. 4,200	Dr. 11,812	Dr. 82,411	Dr. 110,140
Operating income	6,955,352	8,999,129	3,122,165	5,252,617	2,783,471	3,106,750
OPERATING STATISTICS						
Average miles of road operated	43,300.44	43,305.56	22,500.12	22,502.04	17,019.0	17,019.0
No. of tons carried (Rev.Fr.)	15,065,102	15,501,570	6,669,735	7,025,335	5,227,449	5,291,416
No. of tons carried one mile " " Thous.	5,246,379	5,389,882	2,613,415	2,695,968	2,182,056	2,280,937
No. of tons carried one mile (All Fr.) "	5,664,209	5,831,485	2,814,679	2,919,287	2,385,704	2,484,161
Gross ton miles, excl. of locomotive & tender "	12,230,376	12,476,621	6,096,678	6,274,271	5,048,891	5,219,449
No. of revenue passengers carried	2,382,939	2,392,909	1,364,207	1,362,121	774,373	774,296
No. of revenue passengers carried one mile "	268,785	256,572	131,203	122,824	115,039	110,487

Freight train miles	7,351,666	7,029,227	3,890,145	3,558,268	2,923,729	2,974,457
Passenger train miles	4,070,164	4,048,075	2,075,687	2,024,956	1,759,203	1,762,575
Total train miles (rev. and non rev.)	11,549,907	11,342,097	5,980,135	5,731,884	4,756,978	4,825,409
Freight car miles - loaded	183,696,055	189,624,546	94,495,012	98,022,313	73,308,215	76,813,981
Freight car miles - empty	89,050,029	87,785,451	42,447,141	42,988,710	37,725,729	38,040,753
Passenger train car miles	37,439,184	37,616,827	19,049,872	19,136,277	15,861,459	15,931,395
Total amount of pay-roll	1/ \$57,961,600	\$ 52,144,846	\$ 33,143,958	\$ 29,448,396	\$ 21,489,780	\$ 19,571,313
Number of employees	206,350	204,572	119,815	117,324	75,976	76,468
Pay-roll chargeable to Railway Operating Expenses	2/ \$53,300,390	\$ 47,926,127	\$ 29,898,923	\$ 26,686,039	\$ 20,201,457	\$ 18,264,659
DAILY AVERAGES PER MILE OF ROAD OPERATED						
Operating revenue	\$ 79.00	\$ 75.91	\$ 79.86	\$ 75.97	\$ 77.03	\$ 76.53
Operating expenses	\$ 70.74	\$ 63.72	\$ 74.48	\$ 67.05	\$ 68.45	\$ 61.60
No. of tons moved one mile (Rev.Fr.)	4,039	4,149	3,872	3,994	4,274	4,467
No. of tons moved one mile (All Fr.)	4,360	4,489	4,170	4,324	4,673	4,866
No. of revenue passengers carried one mile	207	197	194	182	225	216
AVERAGES PER FREIGHT TRAIN MILE						
Freight revenue	\$ 11.13	\$ 11.23	\$ 10.71	\$ 11.30	\$ 11.06	\$ 10.81
No. of tons of freight (Rev.Fr.)	714	767	672	758	746	767
No. of tons of freight (All Fr.)	770	830	724	820	816	835
Gross ton miles	1,664	1,775	1,567	1,763	1,727	1,755
Loaded freight cars	25.0	27.0	24.3	27.6	25.1	25.8
Empty freight cars	12.1	12.5	10.9	12.1	12.9	12.8
AVERAGES PER PASSENGER TRAIN MILE						
Passenger train revenues	\$ 3.60	\$ 3.58	x \$ 4.10	x \$ 3.95	\$ 3.04	\$ 3.13
Passengers carried	66	63	63	61	66	63
Passenger cars	9.2	9.3	9.2	9.5	9.1	9.0
Average operating expenses per train mile	\$ 7.96	\$ 7.30	\$ 8.41	\$ 7.90	\$ 7.35	\$ 6.52
Average length of haul (Rev.Fr.) Miles	348	348	392	384	417	431
Average passenger journey Miles	113	107	96	90	149	143
Average tons per loaded freight car mile	30.8	30.8	29.8	29.8	32.5	32.3
Average freight receipt per revenue ton mile	1.559¢	1.464¢	1.595¢	1.491¢	1.482¢	1.409¢
Average passenger receipt per passenger per mile	2.896¢	2.905¢	3.023¢	2.994¢	2.805¢	2.848¢
Ratio of operating pay roll to operating revenues	51.9%	48.6%	55.5%	52.0%	51.4%	46.7%
Ratio of operating expenses to revenues	89.55%	83.94%	93.26%	88.26%	88.86%	80.49%

1/ Includes \$53,897 retroactive wage award.

6/ Includes duplications.

2/ Includes \$33,087 retroactive wage award.

4/ Revised

x Includes gross express revenue.



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CANADIAN NATIONAL RAILWAYS

(Steam Lines in Canada and United States)

For the Month of September, 1953

	1953	1952
<u>OPERATING REVENUES</u>		
Canadian Lines	\$ 53,906,000	\$ 51,283,700
United States Lines	5,891,000	5,306,300
Total	\$ 59,797,000	\$ 57,590,000
<u>OPERATING EXPENSES</u>		
Canadian Lines	\$ 50,272,375	\$ 45,260,968
United States Lines	5,619,625	5,450,032
Total	\$ 55,892,000	\$ 50,711,000
<u>NET OPERATING REVENUE</u>		
Canadian Lines	\$ 3,833,625	\$ 6,022,732
United States Lines	271,375	856,268
Total	\$ 3,905,000	\$ 6,879,000
<u>OPERATING INCOME</u>		
Canadian Lines	\$ 3,122,165	\$ 5,262,617
United States Lines	Dr. 776,427	Dr. 48,965
Total	\$ 2,345,738	\$ 5,203,682
<u>SUMMARY</u>		
(Nine months ended September - 1953 and 1952)		
<u>ALL RAILWAYS</u>		
Operating Revenues	\$ 904,709,929	\$ 862,700,365
Operating Expenses	831,859,541	777,095,787
Net Operating Revenue	72,850,388	85,604,578
Operating Income	34,886,204	42,152,765
<u>CANADIAN NATIONAL RAILWAYS</u>		
Operating Revenues - Canadian Lines	\$ 467,687,200	\$ 445,515,200
United States Lines	61,844,800	56,046,800
Total	\$ 529,532,000	\$ 501,562,000
Operating Expenses - Canadian Lines	\$ 455,413,561	\$ 423,658,466
United States Lines	50,127,439	48,751,534
Total	\$ 505,541,000	\$ 472,410,000
Net Operating Revenue - Canadian Lines	\$ 12,273,639	\$ 21,856,734
United States Lines	11,717,361	7,295,268
Total	\$ 23,991,000	\$ 29,152,000
Operating Income - Canadian Lines	\$ 7,130,767	\$ 18,409,412
United States Lines	2,983,793	Dr. 401,915
Total	\$ 10,114,560	\$ 18,007,497
<u>CANADIAN PACIFIC RAILWAY CO.</u>		
Operating Revenues	\$ 353,235,119	\$ 339,249,625
Operating Expenses	317,686,738	298,840,852
Net Operating Revenue	35,548,381	40,608,773
Operating Income	18,805,277	17,871,302