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## DOMINION BUREAU OF STATISTICS

Public Finance and Transportation Division **OTTAWA** 

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

NOVEMBER, 1950

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BIBLIOTHEQUE

Another encouraging month was reported by the principal Canadian rellways for November when operating revenues rose to a new high for the period of \$89,864,918, an increase of \$11,177,115 or 14.2 p.c. over the corresponding month of 1949 and compare with \$80,750,385 for November 1948, the previous peak. In 1940, November revenues had been \$38,968,890 and within the decade have thus jumped 151.2 p.c. Total reilway operating expenses advanced lass steeply to total \$72,568,841 against \$67,469,855 in the previous November, an increase of 7.6 p.c. or \$5,114,008. Railway tax accruals rose from \$251,155 to \$2,648,965 reflecting the higher profits. Hire of equipment charges eased \$126,559 to \$860,079 but joint rents were up \$52,572 to \$250,786. The resulting operating income for November was \$15,541,249, a gain of \$5,719,446 over that of \$9,821,805 one year earlier and compares with \$11,750,547 reported for November, 1948.

The eleven months summary shows operating revenues for all railways at \$864,190,298, expenses \$751,485,198 and operating income at \$75,764,664 - or nearly 5 times that for the same period of 1949 when an income from operations of \$24,805,369 was reported to the end of November.

Freight revenues for the month totalled \$72,185,480 or 11.6% over November of 1949 and a gain of \$7,490,559 reflecting higher rates. Passenger revammes improved 2.9 p.c. or \$158,899 to \$5,725,216. The meil account taking some credit for back pay rose Sharply from \$855,047 to \$5,565,466. Express business showed earnings of \$3,550,386 or 7.2 p.c. above the previous November. Other passenger train receipts and water line else improved while miscellaneous accounts produced \$3,846,048, a gain of nearly \$508,000 or 15.2 p.c.

All expense accounts were heavier although maintenance of way and structures charges were up only slightly from \$15,005,905 to \$15,055,185. Maintenance of equipment, however, required 15 p.c. or \$1,994,418 more at \$17,515,858. Traf expenses advanced \$129,255 to \$1,554,179 while transportation took \$2,600,219 or 7.8 p.c. more at \$55,825,432. Miscell-Ansous climbed from \$990,146 to \$1,162,775 and the general account was up 5.4 p.c. or \$190,227 to \$5,716,452.

Revenue tonnage carried during the month grossed 14,951,715, an increase of 1,058,430 tons or 7.6 p.c. over the previous November. However, with average haul down from 577 to 549 miles, ton miles were off slightly at 5,722,736,000 compared with 5,259,551,000 ton miles one year earlier. Revenue passengers were down 8.9 p.c. or 205,615 at 2,104,220 but with average journey increasing from 86 to 96 miles, total revenue passenger miles rose 2 p.c. to 202,795,000 miles. Freight train miles advanced 1.4 p.c. and passenger train 5 p.c. over November of 1949. Loaded freight car miles improved 1. while empty mileage was reduced by 5 p.c., indicating a more efficient use of the shortening supply of rolling stock.

Total payroll for all lines reporting monthly was \$45,658,101 paid to 181,857 employees compared with \$41,367,984 going to 178,855 employees one year earlier. Earnings thus advanced 5.5 p.c., while employment ross only 1.8 p.c.

The average freight receipt per revenue ton mile was 1.382 cents compared with 1.255 cents in November, 1949, and 1,202 cents in 1948. The similar figure for November, 1940 was 0.937 cents - a rise of 47.5 p.c. being indicated in the decade. Average raceipt per passenger per mile was 2.825 cents for the month under review egainst 2.800 cents one year earlier, 2.484 cents in 1948 and 1.991 cents in November of 1940. The 1949 figures given in the text above have been revised where possible to include Newfoundland.

CABADIAN MATIONAL RAILWAIS: Another all-time high for the month in operating revenues of the Canadian lines was attained when an advance of 16.5 p.c. or \$6,519,400 was posted over November, 1949, the total rising from \$59,510,200 to \$46,029,600. In the similar comparison, operating expenses rose less sherply to \$58,855,957, a gain of \$4,500,901 or 12.5 p.c. Tax accruals increased \$59,528 to \$670,668 and hire of equipment was up \$111,355 but rents eased \$12,468. The net result was an operating income of \$6,100,704 for November, a betterment of \$2,035,148 ever the same month of 1949, and compares with a net of \$5,412,511 in 1948. Preight revenues totalled \$56,070,000, up 12.6 p.c. or \$4,044,000, while passenger receipts rose \$159,100 or 6.5 p.c. to \$2,700,100. Mail earnings, including a considerable amount for retroactive payments, were \$2,519,975 against \$588,684 one year earlier. Other passenger train receipts and miscellaneous slso improved. Each expense account was heavier. Maintenance of way and structures was up 10.5 p.c. to \$6,648,637, while equipment charges rose 19.2 p.c. or \$1,512,609 to \$9,577,800. Transportation required \$19,680,952 or \$1,989,467 more, a rise of 11.2 p.c. Traffic charges were up 5.9 p.c., miscellaneous 22.5 p.c. or \$77,669 and general expenses, 5.5 p.c. Revenue freight grossed 6,556,500 tons during the month, up 8.6 p.c. or over half a million tons, while ton miles increased only 2.5 p.c. with average head down from 441 to 416 miles. Passengers numbered 98,556 less at 1,145,149 but passenger miles advanced 6.6 p.c., with average journey up from 71 to 82 miles. Total payroll was \$24,525,259 for 105,209 employees compared with \$22,700,009 to 99,687 employees one year earlier, indicating increases of 8 p.c. in payroll and 5.5 p.c. in number of employees. American lines of the System, not included above, produced an operating nome of \$1,291,701 in November against a loss of \$56,161 in the corresponding month of 1949. The eleven months operating net for the entire System was thus \$37,061,0 CAMADIAN MATIONAL RAILWAYS: Another all-time high for the month in operating revenues of the Canadian lines was

lines contributed \$29,460,195 to the 11-months net and the American lines, \$7,620,666.

CABADIAS PACIFIC RAILMAY COMPANY: A gain of 9.1 p.c. or \$2,952,571 was reported in operating revenues for Hovembar compared with the same month of 1949. Expenses were held to a rise of \$355,191 or 1.5 to total \$27,971,926. Tax accruals were a healthy \$1,550,000 against a credit adjustment of \$142,105 one year earlier. Here of equipment produced a credit of \$350,205 while facilities rents were up \$45,922 to \$166,452. Operating income improved by \$1,459,450 to \$5,972,475 and was the best for any November since 1944 at \$6,030,078. Freight earnings totalled \$29,015,959, advancing 8.1 p.c. or \$2,169,194 over November, 1949. Passenger receipts eased slightly to \$2,556,820 but all other accounts registered good increases. Nail, embracing beck pay, gained \$484,711 to \$850,689 and express advanced 15.5 p.c. or \$101,580 to \$864,901. All other account at \$1,242,226 was up 14.5 p.c. or \$157,715. Reduction of \$855,852 was indicated in maintenance of way and structures at \$5,115,182 against \$5,999,014 one year earlier but deferred actounts. Traffic expenses were up 11.2 p.c., while transportation climbed \$472,905 or 5.7 p.c. to \$13,225,554. Miscellaneous charges rose 15.4 p.c. and general 7.5 p.c. Revenue freight tomage at 5,220,031 tons was up 1 p.c., but ton miles dropped 5.1 p.c., with shorter haul at 416 miles,down an average of 27 miles from November of 1945. Passengers were 11.4 p.c. less in number but milesge was reduced only 2 p.c. with lenger tripe. Considerable improvement was indicated in empty car miles run by freight cars. Payroll totalled \$16.449,160. up 1.4 p.c. while employees were down 1,019 or 1.5 p.c. to 68,544. However, payroll chargeable to railway operating expenses advanced 2.5 p.c.

## OPERATING REVENUES, EXPENSES AND STATISTICS OF CANADIAN RAILWAYS

Subject to Revision	ALL RAILWAYS		CANADIAN NA	FIONAL RAILWAYS	CANADIAN PACIFIC RAILWAY CO.		
A PARTY OF THE PAR	1950	1949	1950	1949	1950	1949	
PERATING REVINUES				70 00° 000	29,015,939	26,846,745	
Freight	72,185,480	64,694,941	36,070,000	32,026,000		2,555,484	
Passenger	5,725,216	5,566,317	2,700,100	2,541,000	2,536,820		
Mail	3,563,466	835,047	2,319,975	388,684	850,689	365,978	
Express	3,350,386	3,125,097	x 2,322,043	1 2,234,732	864,901	763,321	
Other passengers train	792,880	764,037	332,474	319,682	440,135	421,143	
Water line	401,442	364,311	-	400	149,918	131,073	
All other	3,846,048	3,338,053	2,285,008	2,000,102	1,242,226	1,084,513	
Total Railway Operating Revenues	89,864,918	78,687,803	x 46,029,600	X 39,510,200	35,100,628	32,168,257	
PERATING EXPENSES	13,033,185	13,005,905	6,648,837	6,026,588	5,113,182	5,999,014	
Maintenance of way and structures	17,313,838	15,319,420	9,377,800	7,865,191	6,762,628	6,243,762	
Maintenance of equipment	1,534,179	1,404,944	694,098	655, 403	716,615	644,316	
Traffic		33,223,213	19,830,952		13,223,354	12,750,449	
Transportation	35,823,432			347,831	595,616	525,342	
Miscellaneous operations	1,162,775	990,146	425,520	1,798,558	1,560,531	1,453,852	
General	3,716,432	3,526,205	1,858,750		27,971,926	27,616,735	
Total Railway Operating Expenses	72,583,841	67,469,833	38,835,957	34,535,056	21,311,320	27,010,700	
PERATING INCOME				4 075 3 44	7,128,702	4,551,522	
Net operating revenue	17,281,077	11,217,970	7,193,643	4,975,144	1,350,000	Cr. 142,103	
Railway tax accruals	2,648,963	231,135	670,868	611,340		Dr. 57.540	
Hire of equipment	Dr. 860,079	Dr. 986,618	Dr. 424,410	Dr. 313,055	Cr. 360,205		
Joint facilities rents	Dr. 230,786	Dr. 178,414	Cr. 2,339		Dr. 166,432	Dr. 123,040	
Operating income	13,541,249	9,821,803	6,100,704	4,065,556	5,972,475	4,513,048	
OPERATING STATISTICS							
Average miles of road operated	43,323.24	43,228.67	22,519.44	22,411,27	17,019.3	17,032.3	
No. of tons carried (Rev.Fr.)	14,951,713	13,893,283*	6,336,500	5,836,197	5,220,031	5,166,407	
No. of tons carried one mile (Rev.Fr.) Thous.	5,222,236	5,239,551	2,634,127	2,575,276	2,172,217	2,288,703	
No. of tons carried one mile (All Fr.)	5,644,954	5,766,211	2,893,241	2,784,788		2,487,377	
Gross ton miles, exclusive of locomotive and tend	er 12,160,712	12,124,727	6,155,910		4,981,099	5,303,816	
No. of revenue pass. carried	2,104,220	2,309,835	1,143,149	1,241,705	759,229	856,78	

No. 10 10 10 10 10 10 10 10 10 10 10 10 10						
No. of revenue pass. carried one mile (Thous.)	202,795	198,789	93,779	88,000*	89,354	91,194
Freight train miles	7,214,873	7,115,638	3,691,672	3,425,919	2,958,804	3,159,356
Passenger train miles	3,734,709	3,555,619	1,809,688	1,738,498	1,659,533	1,561,155
Total Train Miles Rev. and non Rev.	11,139,711	10,796,997	5,619,919	5,229,400	4,678,579	4,772,784
Freight car miles - loaded	190,034,254	186,697,073	97,892,600	93,315,045	75,984,406	78,727,867
Freight car miles - empty	82,861,812	87,191,907	40,303,967	39,056,303	35,133,837	41,026,846
Passenger train car miles	33, 436, 290	31,154,591	16,546,267	15,352,133	14,346,383	13,256,758
Total amount of pay-roll	43,658,101	41,367,984*	24, 523, 239	22,700,009	\$16,449,160	\$16,222,815
Number of employees	181,857	178,633*	103,209	99,687	68,344	69.363
Pay-roll Chargeable to Railway Operating Expenses	40,841,295	37,930,563*	22,654,896	20,348,010	\$15,605,600	\$15,218,950
DAILY AVERAGES PER MILE OF ROAD OPERATED		(1)		(1)		
Operating revenue	\$69.14	\$60.68	\$68.13	\$58, 77	\$68,75	\$62,96
Operating expenses	\$55,85	\$52.03	\$57.49	\$51.37	\$54, 78	\$54,05
No. of tons moved one mile (Rev. Fr.)	4,018	4,040	3,899	3,830	4, 254	,
No. of tons moved one mile (All Fr.)	4,343	4,446	4, 283	4,142	4,558	4,479
No. of rev. passengers carried one mile	156	153	139	131	175	4,868
AVERAGES PER FREIGHT TRAIN MILE				101	170	176
Freight revenue	\$10.01	\$9.09	\$9.77	\$9.35	\$9.81	\$8,50
No. of tons of freight (Rev. Fr.)	724	736	714	752	734	724
No. of tons of freight (All Fr.)	782	810	784	813	787	787
Gross ton miles	1,686	1,704	1,668	1,723	1,683	1,679
Loaded freight cars	26, 3	26, 2	26.5	27.2	25,7	
Empty freight cars	11.5	12.3	10.9	11.4		24.9
AVERAGES PER PASSENGER TRAIN NILL				444.7	11.9	13.0
Passenger train revenues	\$3,60	\$2,89	I \$4.24	X \$3.15	40.00	40.00
Passengers carried	54	56	52	51	\$2.83	\$2,63
Passenger cars	9.0	8.8	9.1		54	58
iverage operating expenses per train mile	\$6,52	\$6, 25	\$6,91	8.8	8,6	8, 5
iverage length of haul (Rev. Fr. ) Miles	349	377		\$6,60	\$5.98	\$5.79
iverage passenger journey Miles	96		416	441	416	443
iverage tone per loaded freight car mile	29.7	86	82	71	118	106
verage freight receipt per revenue ton mile		30, 9	29,6	29.8	30.6	31.6
Average passenger receipt per passenger per mile	1.382	1, 235	1.369	1.244#	1.336#	1.173
	2, 823	2,800≠	2, 879#	2, 888#	2, 839	2, 802
latio of operating pay roll to operating revenues	45, 4%	48, 2%	49.2%	51.5%	44.5%	47.35
datio of operating expenses to revenues	80.77\$	85.74%	84.37%	87.41%	79.69\$	85, 85

<sup>\*</sup>Includes statistics for Newfoundland District & Included duplications (1, Revised to included Newfoundland (x) Includes gross express revenue. FOVE BER. 1950

## CANADIAN NATIONAL SYSTEM (Steam Lines in Canada and United States)

Colombia			10-0-0	Color	-	Cerron		800	mpr.
Fo	r	the	mon	th	Nove	mber	. 1	950	

	1950	1949
OPERATING R	EVENUS	
Canadian Lines	\$ 46,029,600	39,510,200
Inited States Lines	6,866,400	5,049,800
Total	52,896,000	44,560,000
OPERATING E	XPENSES	
Canadian Lines	38,835,957	34,535,056
Inited States Lines	4,782,043	4,531,944
Total	43,618,000	39,067,000
MET OPERATIN	G REVENUE	
anadian Lines	7,193,643	4,975,144
Inited States Lines	2,084,357	517,856
Total	9,278,000	5,493,000
OPERATING	INCOME	
Canadian Lines	6,100,704	4,065,556
United States Lines	1,291,701	Dr. 56,161
Total	7,392,405	4,009,395
SUMMA		
Eleven Months ended No	vember 30, 1950	
ALL RAILW	AYS	
perating Revenues	864,190,298	809,070,438
perating Expenses	751,483,198	756,185,822
et Operating Esvenue	112,707,100	52,884,616
perating Income	73,764,664	24,805,369
CANADIAN NATIONAL	L RAILWAYS	
perating Revenues - Canadian Lines	435,415,800	398,771,400
- United States Lines	68,232,200	56,681,600
Total	503,648,000	455, 453, 000
perating Expenses - Canadian Lines	396,206,109	388,993,505
- United States Lines	52,908,891	49,514,495
Total	449,115,000	438, 508, 000
et Operating Revenue- Canadian Lines	39,209,691	9,777,895
- United States Lines	15, 323, 309	7,167,105
Total	54,533,000	16,945,000
perating Income - Canadian Lines	29,460,193	83,785
United States Lines	7,620,866	1,114,165
Total	37,081,059	1,197,950
	0.,102,000	-,20,,000
CANADIAN PACTFIC RA	ILWAY COMPANY	
perating Revenues	344,755,019	333,136,243
perating Expenses	296,268,905	307,650,561
et Operating Revenue	48,486,114	25,485,682
perating Income	33,161,567	17,516,296