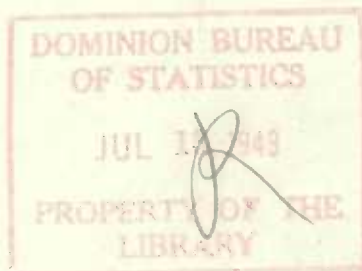


52-201

C1

Historical File Copy

Government of Canada



CANADIAN NATIONAL RAILWAYS

1923 - 1948



DOMINION BUREAU OF STATISTICS
DEPARTMENT OF TRADE AND COMMERCE

CANADIAN NATIONAL RAILWAYS

1923 - 1948

Published by Authority of the Rt. Hon. C. D. Howe
Minister of Trade and Commerce

Prepared in Transportation Division,
Dominion Bureau of Statistics, Ottawa

DOMINION BUREAU OF STATISTICS
TRANSPORTATION DIVISION
OTTAWA

Dominion Statistician, HERBERT MARSHALL.

Director, Transportation Division, G.S. Wrong

20-1150

CANADIAN NATIONAL RAILWAYS

REVENUES, EXPENSES, ETC.

1923 - 1948

Statistics of the Canadian National Railways, as presented in this report, are for the twenty six years 1923 to 1948 and include the lines which were amalgamated and operated as one System from January 1, 1923.

The Canadian Lines of the Canadian National Railways include the railways formerly operated as the Canadian Northern System, the Grand Trunk Railway of Canada, the Grand Trunk Pacific, and the Canadian Government Railways, the last consisting of the Intercolonial, Prince Edward Island, National Transcontinental and several small lines in the eastern provinces. The United States lines include the lines known as the Canadian National Lines in New England, the Grand Trunk Western and the Duluth, Winnipeg and Pacific. Control of the Central Vermont Railway, which had been operated by a receiver from 1927 to January 1930, was purchased by the Canadian National Railways and, from February 1, 1930, has been included as one of the United States lines. The Hudson Bay Railway is being operated for the government by the Canadian National Railways as a separate railway; from 1923 to 1926 its accounts were included with those of the Canadian National and adjustments for the transfer to the Dominion Government were made in the 1926 accounts. The profit or loss of all ancillary operations is included in the income accounts, but the data of the Trans-Canada Air Lines, Canadian Government Merchant Marine, and Canadian National (West Indies) Steamships, Limited, are not included in these statements. Investment in capital stock of Trans-Canada Air Lines, all of which is owned by the Railway, is included in column 4, Table 4. Financing of this investment is included in column E of Table 3.

The Maritime Freight Rates Act, effective July 1, 1927, provided that the Canadian National Railways east of Levis and Diamond Junction (designated as the Eastern Lines) should reduce the freight rates on local and certain other traffic by 20 per cent. Other railways operating in this eastern territory were allowed to reduce their rates by the same percentage and all railways were authorized to bill the Dominion Government for the difference between the normal and the reduced tolls. All the railways have treated such items as revenue earned and they are so treated

in this report. Eastern Lines deficits since July 1, 1927, have been paid by the Dominion Government and the amounts have not been added to the debt of the Canadian National System. The amount of the Government contribution to meet the deficits of the Eastern Lines is not included in the loans and advances as given in Table No. 2, but the amounts so contributed are included in Table No. 3. The "Duff Report" recommended that the deficits of the system each year be met by special appropriations of the Dominion Government and consequently deficits for 1932 and subsequent years are also excluded from Table No. 2 and are included in Table No. 3 for the respective years.

Table 1 shows the operating revenues, expenses and net operating revenues of the Canadian lines, the United States lines, and the System on the same basis as in previous reports. The second part of the table has been revised to conform with the new set-up effected by the Canadian National Capital Revision Act, chapter 22 of the 1937 Statutes. Under this Act the Canadian National Railways Securities Trust was created as a medium for maintaining in perpetuity the Government's claims against the railways for loans made, amounting to \$643,860,558, and accrued and unpaid interest of \$574,781,637. This total of \$1,218,642,195 includes \$43,949,039 interest the railway had disputed and had not included in its accounts, but does not include any interest on the deficits which the Government had paid for the Eastern Lines since July 1, 1927, and for the entire system since January 1, 1932. Since this interest on Government loans has been cancelled it has been omitted from this table for each year. "Net corporate income before deducting interest," shown in reports previous to 1937, has been replaced with "Income available for fixed charges." The fixed charges include in addition to interest on funded debt held by the public, (1) rent for leased road and equipment, (2) interest on unfunded debt, (3) amortization of discount, and (4) interest on certain Government loans. Deducting these fixed charges leaves "Net income or deficit" shown in reports previous to 1937, as "Net income or deficit excluding Government interest." Interest on Government loans in the fixed charges is interest on temporary loans for redemption of funded debt pending refunding and, from 1937, also interest on loans for capital purposes made since January 1, 1932, but no interest on these latter loans has been included in fixed charges for 1932 to 1936 inclusive.

The Capital Revision Act, which is explained more fully under Table 2, eliminated the Profit and Loss balance as at January 1, 1937. Profit and Loss balances for 1937 and subsequently will also be eliminated by (1) The Government contributing cash for cash deficits. (2) Crediting to "Dominion of Canada Proprietor's Equity" the amount of cash surpluses, and (3) Crediting or charging to "Dominion of Canada Proprietor's Equity" capital gains or losses which do not involve the payment of cash at the time the items are accounted for. Cash surpluses and deficits are shown in the last column of the table; for the years 1923-1936 they have been met by loans by the

Government, by direct payment as stated above, and by reduction of working capital.

Table 2 shows for each year 1922 to 1948 (1) Shareholders' Capital, (2) Funded Debt held by Public, (3) Government Loans and Advances, and (4) Appropriations for Canadian Government Railways. The Share Capital consisted of \$165,627,739 stock of the Grand Trunk Railway held by the Dominion Government and \$100,000,600 of the Canadian Northern Railway stock also held by the Dominion Government. There was also outstanding on December 31, 1922, \$4,591,975 stock of constituent lines held by the public. At Dec. 31, 1948 this figure is \$4,567,540, a decrease of \$24,435. In the 1923-45 report the table showed the adjustments of the capital liabilities of the System made effective Jan. 1, 1937, under the Capital Revision Act. This act provided for cancellation of capital stocks and certain indebtedness of the Canadian National Railway System to His Majesty and for adjustment of the accounts of the System. The previously outstanding capital stock of the Canadian National Railway Company (formerly Grand Trunk Railway Company of Canada) was surrendered by the Dominion and cancelled. \$82,000,600 of the outstanding stock of the Canadian Northern Railway Company was surrendered by the Dominion and cancelled. The remainder of the outstanding stock of the Canadian Northern Company, amounting to \$18,000,000 was transferred from the Dominion Government to the Canadian National Railway Company in exchange for one million no par value shares of the latter company, being its entire issued capital stock. Dominion loans for deficits and interest accruals were eliminated from the System balance sheet. Dominion Government loans to and including the 1931 requirements were transferred by the Government to the Canadian National Securities Trust in exchange for the Capital Stock of the Trust, at an initial stated value equal to the loans for Capital purposes. The new Capital Stock of the Canadian National Railway Company, the Capital Stock of the Trust and the investment by the Crown in Canadian Government Railways were transferred to a shareholders' account styled "Dominion of Canada Proprietor's Equity." Adjustment of the Balance Sheet accounts of the System was made as at January 1, 1937. The effect on the balance sheet of the System is shown on page 3 of the report for 1923-41.

The Dominion Government has carried loans to the railway in two accounts, (1) non-active assets and (2) active assets, and when computing the net debt of Canada has deducted the second account, but not the first, from the gross debt. The Government loans in this table have been segregated into these two accounts. The difference in the fiscal years of the railway and the Government, however, prevents checking these loans against the published "Public Accounts" except where no transactions occurred during the first three months of the calendar

years. If it is desired to combine the capital debts of the Canadian National Railways System with those of the Dominion, only the Funded Debt of the System in the hands of the Public should be added to the Dominion debt.

The Grand Trunk Western has assumed certain contingent liabilities, in some cases solely and in others in conjunction with other tenant companies, guaranteeing the payment of interest and principal of bonds of the Detroit and Toledo Shore Line, Toledo Terminal, and Chicago and Western Indiana railways. It is not anticipated any of these will become actual liabilities. The Hudson Bay Railway is a direct liability of the Dominion Government and is being operated by the Canadian National for the Government, but is not included in the following tables.

This table does not include subsidies granted by the Dominion, Provincial and Municipal governments to the privately operated lines which later became part of the Canadian Government Railways and other constituent lines of the Canadian National Railways. Excluding grants to the Grand Trunk Pacific Development Company for the Prince Rupert dry dock and shipyard, payments of wages for unemployment relief labour during 1936, and subscriptions for stock, the grants were as follows:

	Cash Subsidies	Land Grants
	\$	Acres
Dominion	49,261,220	5,763,735
Loan to Grand Trunk	15,142,633 /	
	64,403,853	
Provincial	16,698,208	1,815,141
Municipal	7,393,867	...
Total	88,495,928	7,578,876

/ No interest was paid on this loan made prior to Confederation and it has been included with cash grants by the Bureau. It was cancelled by the Canadian National Capital Revision Act 1937 as a Canadian National Railway liability.

Table 3 shows for each year, 1923-1948, the cash received from Long Term Debt, Government Loans, and Appropriations to Canadian Government Railways, as reflected in Table 2, also the Dominion contributions for deficits comprising the deficit of the Eastern Lines from July 1, 1927, and the remainder of the System from January 1, 1932. Loans treated as active assets in Public Accounts totalling \$760,494,825 are as follows:

Dominion of Canada Loans

Loans for repatriation of U. K. Securities	\$ 391,431,303
" " debt redemption	278,925,788
" " new rolling stock	38,228,164
" " investment in T.C.A.	19,043,023
" " capital expenditures and working capital	16,086,566
" " working capital, Canadian Gov't Rlys. at consolidation, 1923	16,771,981
<hr/>	
TOTAL	\$ 760,494,825
<hr/>	

Table 4 shows for each year, 1923-1948, the expenditures for capital purposes and on deficit account.

Table 5 shows the principal operating statistics of the combined Canadian National Railways in Canada and the United States, Central Vermont statistics being included in this table as from January 1, 1930, and not February 1, as in the other tables. The average miles operated and number of employees are monthly averages. The total pay roll covers all employees and includes pay roll charged to (1) operating expenses as labour, (2) stores department, which is charged to operation or to capital account as part of the cost of materials, (3) joint facilities for the years 1923-1930 (This item is included in operating expense labour for 1931-1944) and (4) capital account. The breakdown of the total pay roll for 1948 is as follows:

Pay Roll charged to Operating Expenses	\$ 280,749,518
Stores, Tie, Timber and Fuel Departments, Capital and other Items	24,648,429
<hr/>	
Total Pay Roll (includes railway, express and telegraph and excludes hotel and subsidiary company employees)	\$ 305,397,947
<hr/>	

TABLE 1.

CANADIAN NATIONAL RAILWAYS (1)

Year	RAILWAY OPERATING REVENUES ⁽²⁾			RAILWAY OPERATING EXPENSES ⁽²⁾			NET OPERATING REVENUES ⁽²⁾		
	Canadian Lines	United States Lines	Total	Canadian Lines	United States Lines	Total	Canadian Lines	United States Lines	Total
	A	B	C	D	E	F	G	H	I
1923	\$218,613,309	\$38,348,281	\$256,961,590	\$206,069,866	\$29,768,180	\$235,838,046	\$12,543,443	\$8,580,101	\$21,123,544
1924	205,232,981	34,363,689	239,596,670	192,738,522	28,883,527	221,622,049	12,494,459	5,480,162	17,974,621
1925	212,659,602	56,752,282	249,411,884	187,956,847	28,333,587	216,290,434	24,702,755	8,418,695	33,121,450
1926	230,342,249	40,639,974	270,982,223	194,029,900	29,531,362	223,561,262	36,312,349	11,108,612	47,420,961
1927	233,735,751	41,143,367	274,879,118	202,776,373	30,528,894	233,305,267	30,959,378	10,614,473	41,573,851
1928	260,418,924	44,172,344	304,591,268	217,780,174	31,951,522	249,731,696	42,638,750	12,220,822	54,859,572
1929	248,222,476	42,274,504	290,496,980	217,223,887	31,408,388	248,632,275	30,998,589	10,866,116	41,864,705
1930	213,446,581	36,922,417	250,368,998	196,502,058	31,785,965	228,288,023	16,944,523	5,136,452	22,080,975
1931	171,675,446	28,829,716	200,505,162	171,873,133	27,639,862	199,512,995	2,313	1,189,854	1,192,167
1932	139,948,317	21,155,277	161,103,594	134,300,983	20,907,178	155,208,161	5,647,334	248,099	5,895,433
1933	126,701,228	21,818,514	148,519,742	122,572,230	20,240,329	142,812,559	4,128,998	1,578,185	5,707,183
1934	140,824,361	24,078,141	164,902,502	130,296,563	21,639,516	151,936,079	10,527,798	2,438,625	12,966,423
1935	144,596,516	28,587,986	173,184,502	135,094,079	23,832,170	158,926,249	9,502,437	4,755,816	14,258,253
1936	154,178,174	32,432,315	186,610,489	145,081,184	26,396,506	171,477,690	9,096,990	6,035,809	15,132,799
1937	165,082,489	33,314,120	198,396,609	153,711,912	27,076,945	180,788,858	11,370,576	6,237,175	17,607,751
1938	156,585,255	25,656,468	182,241,723	152,087,431	24,087,881	176,175,312	4,497,824	1,568,587	6,066,411
1939	173,059,119	30,761,067	203,820,186	157,549,268	25,416,500	182,965,768	15,509,851	5,344,567	20,854,418
1940	212,300,711	35,226,514	247,527,225	175,718,566	26,801,247	202,519,813	36,582,145	8,425,267	45,007,412
1941	261,826,874	42,549,904	304,376,778	207,445,080	30,325,357	237,768,437	54,383,794	12,224,547	66,608,341
1942	332,199,961	43,454,583	375,654,544	256,774,568	32,224,107	288,998,675	75,425,393	11,230,476	86,655,869
1943	391,084,435	49,531,519	440,615,954	(7) 288,335,053	36,140,816	(7) 324,475,669	102,749,382	13,390,903	116,140,285
1944	391,585,902	49,561,808	441,147,710	323,335,615	39,211,428	362,547,043	68,250,287	10,350,180	78,600,467
1945	383,899,990	49,873,404	433,773,394	313,682,519	41,611,530	355,294,049	70,217,471	8,261,874	78,479,345
1946	351,701,203	48,884,823	400,586,026	310,311,372	46,925,346	357,236,718	41,389,851	1,959,477	43,349,328
1947	377,305,095	60,892,885	438,197,980	346,901,766	50,220,841	397,122,607	30,403,329	10,672,044	41,075,373
1948	422,544,983	68,724,967	491,269,950	408,021,044	56,718,928	464,739,970	14,523,939	12,006,041	26,529,980

Year	Income Available for Fixed Charges	Fixed Charges					Net Income or Deficit (5) (4) (J-Q)	Profit and Loss Net Debt (4) or Credit	Capital Losses, etc. Not Required in Cash (4) (P+Q) = (R+S)	Cash Deficit (4) or Surplus (Cr.)
		Rent for Leased Road and Equipment	Interest Paid Dominion Government	Interest on Funded and Unfunded Debt	Amortisation of Discount on Funded Debt	Total (K+L+M+N)				
	J	K	L	M	N	O	P	Q	R	S
1923	\$15,248,264	\$1,387,906	\$...	\$55,280,916	\$ 119,172	\$56,787,994	Dr. \$21,559,730	\$ 2,956,648	\$ 1,476,165	\$ 23,000,193
1924	16,919,824	1,452,709	...	58,758,819	517,672	40,509,200	Dr. 23,589,576	Cr. 385,872	5,029,278	20,174,226
1925	32,543,023	1,276,120	...	40,547,261	514,024	42,357,405	Dr. 9,994,582	206,505	595,711	9,805,176
1926	43,505,500	1,284,639	...	39,328,460	503,393	41,116,492	Cr. 2,389,008	Cr. 6,502,004	- 7,318,391	Cr. 1,572,621
1927	38,589,220	1,274,017	...	40,827,549	488,352	42,589,898	Dr. 4,200,678	820,988	602,365	4,419,301
1928	48,289,321	1,299,813	...	43,909,018	541,590	45,650,421	Cr. 2,638,900	5,446,392	4,271,244	Cr. 3,463,752
1929	56,604,368	1,213,641	...	46,205,511	594,122	50,013,074	Dr. 13,408,706	511,067	1,658,142	12,261,651
1930	19,971,106	1,292,014	...	53,574,243	690,744	55,557,001	Dr. 35,585,895	5,453,922	5,362,720	35,677,097
1931	- 1,738,089	1,328,622	...	56,950,118	852,966	59,131,706	Dr. 60,869,795	5,762,261	5,663,618	60,968,438
1932	- 1,516,739	1,350,197	...	57,432,468	907,515	59,690,180	Dr. 61,006,919	4,802,615	4,967,807	60,841,727
1933	- 1,111,028	1,351,788	...	56,687,399	867,498	58,906,685	Dr. 60,017,713	1,600,102	2,662,427	58,955,388
1934	8,715,785	1,372,037	...	56,022,804	827,639	58,222,480	Dr. 49,506,695	4,161,080	5,259,874	48,407,901
1935	8,014,635	1,372,713	765,671	53,650,917	1,085,516	56,892,817	Dr. 48,878,182	30,453,831	31,910,548	47,421,465
1936	8,975,091	1,372,229	527,682	49,391,425	881,101	52,172,437	Dr. 43,197,546	12,684,818	12,578,770	43,305,594
1937	11,241,763	1,505,689	1,744,551	49,081,448	938,729	53,270,417	Dr. 42,028,654	1,028,946	(5) 711,732	(6) 42,345,868
1938	- 1,019,255	1,474,676	926,125	49,992,116	1,058,825	53,451,742	Dr. 54,470,997	2,556,036	(5) 2,712,837	(6) 54,314,196
1939	15,248,900	1,459,908	916,165	49,997,713	1,114,578	53,488,164	Dr. 58,239,264	4,456,698	(5) 2,600,442	(6) 40,095,520
1940	37,920,718	1,467,327	1,737,964	48,998,914	1,101,083	53,305,288	Dr. 15,384,570	Cr. 113,705	Cr. (5) 1,694,179	(6) 16,965,044
1941	58,601,315	1,499,377	5,646,762	44,843,429	1,172,786	53,162,354	Cr. 5,438,961	3,862,547	(5) 2,439,913	Cr. (6) 4,016,327
1942	78,952,433	1,483,345	14,032,635	35,141,575	1,012,380	51,669,935	Cr. 27,282,498	Cr. 4,277,365	Cr. (5) 6,496,595	Cr. (6) 25,063,268
1943	87,859,084	1,246,514	18,664,848	31,217,709	1,060,465	52,189,536	Cr. 35,669,548	Cr. 2,168,032	Cr. (5) 2,198,188	Cr. (6) 35,639,412
1944	73,473,733	1,163,904	19,933,702	28,440,583	936,291	50,474,480	Cr. 22,999,253	Dr. 599,201	(5) 626,872	Cr. (6) 23,026,924
1945	73,521,185	1,109,930	20,306,358	26,409,299	1,183,920	49,009,507	Cr. 24,511,678	Dr. 1,880,636	(5) 2,125,088	Cr. (6) 24,756,130
1946	37,239,784	975,746	21,322,583	23,849,611	537,376	46,685,316	Dr. 9,445,532	Dr. 823,990	(5) 1,307,952	(6) 8,961,570
1947	29,330,757	748,014	20,002,435	24,117,773	1,057,669	45,925,891	Dr. 16,595,134	Dr. 1,175,529	(5) 1,885,469	(6) 15,885,194
1948	12,502,931	720,599	21,627,033	23,485,531	508,564	46,341,727	Dr. 33,838,796	Cr. 306,055	-	(6) 33,532,741

See notes on page 14.

TABLE 2

CANADIAN NATIONAL RAILWAYS - CAPITAL STRUCTURES

	Shareholders' Capital				Funded Debt		
	Capital Stock held by Government	Dominion of Canada Government Proprietor's Equity	Capital Stock held by Public	TOTAL	Guaranteed by		
					Dominion Government	Provincial Governments	
	A	B	C	D	E	F	
At dates taken over by Dominion Government (See Note 5)					\$331,309,904	\$93,412,807	
Dec. 31, 1922	\$265,628,339	\$...	\$4,591,975	\$270,220,314	447,872,904	93,574,380	
" " 1923	265,628,339	...	4,591,975	270,220,314	470,372,904	93,574,380	
" " 1924	265,628,339	...	4,601,500	270,229,839	558,872,904	93,574,380	
" " 1925	265,628,339	...	4,600,075	270,228,414	581,372,904	93,574,380	
" " 1926	265,628,339	...	(1)4,596,410	270,224,749	579,872,891	93,574,380	
" " 1927	265,628,339	...	4,594,410	270,222,749	657,181,330	93,574,380	
" " 1928	265,628,339	...	4,617,610	270,245,949	681,000,655	93,574,380	
" " 1929	265,628,339	...	4,594,910	270,223,249	807,048,434	94,654,505	
" " 1930	265,628,339	...	4,592,785	270,221,124	854,431,995	74,912,466	
" " 1931	265,628,339	...	4,592,625	270,220,964	970,562,289	74,912,466	
" " 1932	265,628,339	...	4,585,225	270,213,564	965,851,382	74,912,466	
" " 1933	265,628,339	...	4,585,225	270,213,564	962,992,576	74,912,466	
" " 1934	265,628,339	...	4,584,825	270,213,164	963,906,119	74,912,466	
" " 1935	265,628,339	...	4,584,225	270,212,564	889,741,774	74,912,466	
" " 1936	265,628,339	...	4,584,100	270,212,439	937,620,214	73,777,953	
Jan. 1, 1937	...	676,327,701	4,584,100	680,911,801	937,620,214	73,777,953	
Dec. 31, 1937	...	675,530,028	4,583,800	680,113,828	970,697,190	73,777,953	
" " 1938	...	672,688,591	4,583,800	677,272,391	1,004,865,758	67,052,468	
" " 1939	...	670,088,148	4,566,600	674,654,748	1,053,915,895	38,131,740	
" " 1940	...	669,459,189	4,566,600	674,025,789	1,000,881,473	38,131,740	
" " 1941	...	663,176,363	4,564,600	667,740,963	(6)940,171,069	38,131,740	
" " 1942	...	694,728,014	4,564,600	699,292,614	(6)741,896,436	(6)4,718,822	
" " 1943	...	732,295,434	(7)4,770,140	737,065,574	(6)685,290,925	(6)2,786,056	
" " 1944	...	754,695,486	4,669,840	759,365,326	576,585,327	2,702,155	
" " 1945	...	777,326,528	4,643,040	781,969,568	525,688,314	2,586,932	
" " 1946	...	776,018,575	4,635,440	780,654,015	486,820,210	1,952,108	
" " 1947	...	774,195,901	4,570,940	778,766,841	536,807,069	1,952,108	
" " 1948	...	774,242,649	4,567,540	778,810,189	490,485,399	1,952,108	
Increase or Decrease 1922 - 1948	-265,628,339	+ 774,242,649	- 24,435	+ 508,589,875	+ 42,612,495	- 91,622,272	

See notes on page 14.

CANADIAN NATIONAL RAILWAYS - CAPITAL STRUCTURE

Held by Public		Government Loans and Appropriations				GRAND TOTAL
Unguaranteed	TOTAL	Non-Active Assets in Public Accounts		Active Assets in Public Accounts (2)	TOTAL	
		Loans	Appropriations for Canadian Government Rys.			
G	H	I	J	K	L	M
\$385,198,150	\$809,920,861	\$115,607,457	\$(5)386,656,266	\$17,615,764	\$ 519,879,487	\$1,329,900,348
263,055,860	804,503,144	506,945,969	424,410,049	17,652,522	949,008,540	2,023,731,998
259,151,772	823,099,056	567,870,480	432,039,561	15,503,965	1,015,414,006	2,108,833,376
261,465,799	913,913,083	574,657,394	435,645,774	1,807,275	1,012,110,443	2,195,253,365
256,382,019	931,329,303	572,685,535	(4)437,080,491	16,854,812	1,026,620,838	2,228,178,555
(1)252,032,973	(1)925,480,244	594,200,367	420,381,663	17,150,370	1,031,712,400	2,227,417,393
230,626,027	981,381,737	595,458,349	419,386,017	17,110,370	1,031,954,736	2,233,559,222
203,313,998	977,889,033	601,406,082	400,249,583	30,536,509	1,032,192,174	2,290,327,156
220,856,554	1,122,559,493	601,406,082	400,378,160	49,413,581	1,051,197,823	2,443,930,565
239,221,402	1,168,565,863	604,406,239	386,671,954	63,432,523	1,054,510,716	2,493,297,703
230,982,452	1,276,457,207	604,406,239	388,437,259	51,780,232	1,044,623,730	2,591,301,901
223,773,319	1,264,517,167	645,527,456	388,398,092	66,967,732	1,100,893,280	2,635,624,011
217,397,113	1,255,302,155	645,527,456	387,606,701	33,077,420	1,066,211,577	2,591,727,296
207,511,854	1,246,330,439	645,527,456	387,507,928	43,825,468	1,076,860,852	2,593,404,455
190,124,761	1,154,779,001	645,527,456	388,290,263	x 125,845,435	x 1,159,663,154	x 2,584,654,719
173,214,082	1,184,612,249	643,860,558	388,290,263	93,995,448	1,126,146,269	2,530,970,957
173,214,082	1,184,612,249	...	...	93,995,448	93,995,448	1,959,519,498
177,522,256	1,221,997,399	...	...	79,252,548	79,252,548	1,981,363,775
178,078,197	1,249,996,423	...	...	64,916,786	64,916,786	1,992,185,600
171,353,676	1,263,401,311	...	...	62,154,062	62,154,062	2,000,210,121
160,803,121	1,199,818,334	...	...	130,654,315	130,654,315	2,004,436,438
156,091,494	1,134,394,303	...	...	212,117,865	212,117,865	2,014,253,131
(6)62,600,816	(6) 809,216,074	...	...	519,628,442	519,628,442	2,028,137,130
(6)56,155,492	(6) 744,232,473	...	...	554,095,746	554,095,746	2,035,333,793
50,166,424	629,453,906	...	...	661,875,853	661,875,853	2,050,695,085
44,904,751	573,179,997	...	...	690,973,594	690,973,594	2,046,123,153
41,650,680	530,422,998	...	...	718,537,286	718,537,286	2,029,614,299
44,100,584	582,859,761	...	...	689,470,349	689,470,349	2,051,096,951
91,795,151	584,232,658	...	...	760,494,825	760,494,825	2,123,537,672
- 171,260,709	- 220,270,486	- 506,945,969	- 424,410,049	+742,842,303	- 188,513,715	+ 99,805,674

x - Revised

TABLE 3

R E C E I P T S

Year	Funded Debt Held by Public			Government Loans and Appropriations				Dominion Government Contributions for Deficits (3)	Decrease in Working Capital Sinking Fund & other Balance Sheet Accounts (Increase +)	Total
	Net Increase in Par Value	Discount	Net Capital Received	Non-active Assets in Public Accounts	Active Assets in Public Accounts (1)	Appropriations for Canadian Government Railways (2)	Total			
	A	B	C	D	E	F	G	H	I	J
1923	\$ 18,595,912	\$ 474,975	\$ 18,120,937	\$ 60,924,511	\$- 2,148,557	\$ 7,329,177	\$ 66,105,131	\$...	\$ + 4,445,561	\$ 79,780,507
1924	90,814,027	3,251,938	87,562,089	6,786,914	-13,696,690	3,031,468	- 3,878,308	...	+19,221,933	64,461,848
1925	17,416,220	795,000	16,621,220	- 1,971,859	15,047,537	1,098,213	14,173,891	...	4,231,167	35,026,278
1926	- 5,849,059	...	- 5,849,059	21,514,832	275,558	- 1,683,163	20,107,227	...	10,289,976	24,548,144
1927	55,901,493	2,508,680	53,392,813	1,257,982	- 20,000	- 1,194,264	43,718	2,117,936	+ 909,613	54,644,854
1928	- 3,492,704	1,540,539	- 5,033,243	5,947,733	13,426,139	- 5,782,490	13,591,382	4,200,356	40,838,477	53,596,972
1929	144,670,460	4,063,136	140,607,324	...	18,877,072	371,389	19,248,461	4,762,217	+69,991,581	94,626,421
1930	46,006,370	2,189,458	43,816,912	3,000,157	14,018,942	1,674,204	18,693,303	6,476,667	45,316,592	114,303,474
1931	107,891,344	4,226,030	103,665,314	...	-11,652,291	1,765,306	- 9,886,985	8,712,762	+ 5,864,446	96,626,645
1932	- 11,940,040	...	- 11,940,040	41,121,217	15,187,500	- 39,167	56,269,550	(3) 6,635,845	11,626,267	62,591,622
1933	- 9,215,012	...	- 9,215,012	...	-33,890,312	...	- 33,890,312	112,378,050	+ 6,550,346	62,742,380
1934	- 8,971,716	256,250	- 9,227,966	...	10,748,048	70,000	10,818,048	48,407,901	+ 2,932,076	47,065,907
1935	- 91,551,438	921,500	- 92,472,938	...	82,019,967	...	82,019,967	47,421,465	11,170,848	48,139,342
1936	29,833,248	1,898,750	27,934,498	- 1,666,898	-31,849,987	...	- 33,516,885	43,303,394	12,580,298	50,301,305
1937	37,385,150	641,662	36,743,488	...	-14,742,900	...	- 14,742,900	42,345,868	+ 231,486	64,114,970
1938	27,999,024	1,491,120	26,507,904	...	-14,335,762	...	- 14,335,762	54,314,196	2,228,865	68,715,205
1939	13,404,888	1,403,430	12,001,458	...	- 2,762,725	...	- 2,762,725	40,095,520	2,871,176	52,205,431
1940	- 63,584,977	...	- 63,584,977	...	68,500,252	...	68,500,252	16,965,044	12,653,498	54,533,817
1941	- 65,422,031	...	- 65,422,031	...	81,463,550	...	81,463,550	...	+ 7,198,054	8,843,465
1942	-325,178,229	...	-325,178,229	...	307,510,577	...	307,510,577	...	18,082,289	414,637
1943	- 64,983,601	...	- 64,983,601	...	34,467,304	...	34,467,304	...	20,905,785	- 9,610,512
1944	-114,778,567	...	-114,778,567	...	107,780,107	...	107,780,107	...	21,889,591	14,891,131
1945	- 56,273,908	...	- 56,273,908	...	29,097,741	...	29,097,741	...	15,761,361	- 11,414,806
1946	- 42,757,000	...	- 42,757,000	...	27,563,692	...	27,563,692	8,961,570	33,624,455	27,392,717
1947	52,436,784	184,500	52,252,284	...	- 29,066,937	...	- 29,066,937	15,885,194	16,209,364	55,279,885
1948	1,372,896	381,425	991,471	...	71,024,477	...	71,024,477	33,532,741	+ 2,273,783	103,274,906
TOTAL	-220,270,486	26,228,393	-246,498,879	136,914,589	742,842,304	6,640,673	886,397,566	496,516,726	160,681,130	1,297,096,543

TABLE 4

EXPENDITURES

Year	Investments					Cash Deficit or Surplus (Cr.) (See Table 1)	Total Expenditures
	Railway Rolling Stock, Inland Steamships Communications and Miscellaneous Properties	Hotels	Coastal Steamships	Affiliated Companies	Total		
	\$	\$	\$	\$	\$	\$	\$
1923	54,268,958	695,736	...	1,815,640	56,780,314	23,000,195	79,780,507
1924	41,208,257	606,211	...	2,473,154	44,287,622	20,174,226	64,461,848
1925	18,290,616	391,724	267,185	6,271,577	25,221,102	9,805,176	35,026,278
1926	23,187,739	1,263,024	11,774	1,658,228	26,120,765	Cr. 1,572,621	24,548,144
1927	45,002,322	1,090,905	3,707	4,128,619	50,225,553	4,419,501	54,644,854
1928	40,157,354	3,871,239	5,580	13,026,571	57,060,724	Cr. 3,463,752	53,596,972
1929	81,425,585	3,832,827	3,421,495	- 6,135,117	82,364,790	12,261,651	94,626,421
1930	58,175,568	4,928,702	3,456,085	12,066,022	78,626,377	35,677,097	114,303,474
1931	28,822,800	5,473,456	- 9,189	1,371,140	35,658,207	60,968,438	96,626,645
1932	- 1,384,143	2,194,468	- 11,166	950,736	1,749,895	60,841,727	62,591,622
1933	341,819	610,968	207	2,833,998	3,786,992	58,955,588	62,742,580
1934	- 1,274,840	258,841	112	- 326,107	- 1,341,994	48,407,901	47,065,907
1935	153,854	535,679	- 2,425	30,789	717,877	47,421,465	48,139,342
1936	6,656,687	267,947	14,947	58,330	6,997,911	43,303,394	50,301,305
1937	20,970,509	69,871	- 165,716	894,438	21,769,102	42,345,868	64,114,970
1938	10,260,451	1,020,099	- 481,758	3,602,215	14,401,007	54,314,196	68,715,203
1939	8,161,777	1,698,321	3,750	2,246,063	12,109,911	40,095,520	52,205,431
1940	20,562,712	127,067	-3,290,809	169,803	17,568,773	16,965,044	34,533,817
1941	13,651,188	110,097	1,200	- 902,693	12,859,792	Cr. 4,016,327	8,843,465
1942	21,173,008	- 63,943	...	4,368,840	25,477,905	Cr. 25,063,268	414,637
1943	23,328,191	4,898	...	(1) 2,695,811	26,028,900	Cr. 35,639,412	- 9,610,512
1944	56,066,544	- 14,747	11,281	1,854,977	57,918,055	Cr. 23,026,924	14,891,131
1945	13,261,326	12,010	- 564,131	632,119	13,341,324	Cr. 24,756,130	- 11,414,806
1946	15,631,338	46,912	631,548	2,121,349	18,431,147	8,961,570	27,392,717
1947	20,986,050	201,805	1,875,726	16,331,110	39,394,691	15,885,194	55,279,885
1948	63,870,449	105,978	1,012,704	4,753,034	69,742,165	33,532,741	103,274,906
TOTAL	662,956,059	29,340,095	6,012,107	78,990,646	777,298,907	519,797,636	1,297,096,543

See notes on page 14.

Table 5.

CANADIAN NATIONAL RAILWAYS

OPERATING STATISTICS

Year	Average Miles of Road Operated	Revenue Freight Carried (Thousands)	Revenue Ton Miles (Millions)	Passengers Carried (Thousands)	Passenger Miles (Millions)	Freight Revenue (Thousands)	Passenger Revenue (Thousands)	Passenger Train Revenue (6) (Thousands)	Total Operating Revenue (Thousands)	Total Operating Expenses (Thousands)	Freight (2) Train Miles (Thousands)
		Tons				\$	\$	\$	\$	\$	
1923	21,805	57,248	18,615	23,684	1,447	185,241	39,285	59,595	256,962	235,838	36,939
1924	21,866	52,499	16,990	22,708	1,372	171,045	37,234	57,400	238,587	221,622	32,749
1925	21,956	54,999	18,027	21,675	1,580	180,483	36,618	56,782	249,412	216,290	33,181
1926	22,066	60,846	19,243	21,580	1,488	200,004	38,099	58,843	270,982	223,561	35,217
1927	22,193	61,997	19,465	20,554	1,485	202,107	38,576	59,901	274,879	233,305	36,450
1928	22,277	69,155	22,586	19,697	1,514	228,461	39,147	61,687	304,591	249,732	38,949
1929	22,628	65,213	19,375	19,251	1,401	214,636	37,132	60,084	290,497	248,632	35,913
1930	23,650	54,565	16,910	17,554	1,214	183,568	32,901	53,252	250,968	228,802	31,479
1931	23,769	41,708	14,610	13,196	866	148,952	23,200	40,540	200,505	199,313	27,178
1932	23,773	34,377	12,818	10,364	686	120,715	17,259	31,651	161,104	155,208	24,441
1933	23,743	31,368	11,550	9,435	665	112,319	15,032	27,879	148,520	142,813	22,275
1934	23,676	36,986	12,950	10,080	723	126,118	16,331	29,725	164,903	151,936	24,766
1935	23,652	38,808	13,509	9,721	770	133,745	16,645	30,225	173,185	158,926	25,586
1936	23,554	43,451	14,814	10,099	831	145,488	17,022	31,026	186,610	171,478	28,313
1937	23,707	47,038	15,165	10,888	953	153,796	18,845	33,662	198,397	180,789	29,858
1938	23,684	40,578	14,505	10,289	892	139,770	18,097	32,172	182,242	176,175	27,853
1939	23,668	45,691	17,084	10,145	875	160,255	17,817	33,012	203,820	182,966	29,707
1940	23,603	55,060	21,532	11,204	1,125	194,562	21,702	41,253	247,527	202,520	34,571
1941	23,525	65,370	27,200	17,681	1,762	239,592	31,894	50,008	304,377	237,768	40,365
1942	23,494	71,545	31,729	30,363	2,708	288,462	48,297	69,466	375,655	288,999	42,720
1943	23,494	80,427	36,327	34,501	3,619	324,900	66,891	93,401	440,616	324,476	44,871
1944	23,496	80,851	36,016	35,928	3,697	321,589	69,776	97,395	441,148	362,547	45,206
1945	23,498	79,941	34,600	30,371	3,338	316,533	65,200	94,157	433,773	355,294	43,382
1946	23,437	78,950	30,812	22,320	2,289	300,313	50,128	78,584	400,586	357,237	41,817
1947	23,402	86,221	32,945	21,227	1,845	342,582	43,018	72,991	438,198	397,123	44,028
1948	23,401	85,241	32,943	20,083	1,755	393,544	41,562	73,916	491,270	464,740	44,983
Year	Passenger Train (2) Miles (3)	Averages per Mile of Road Operated				Average per Freight Train Mile		Average per Passenger Train Mile		Average Tons per Loaded Cars	Average Rev. Freight Miles
		(4) Revenue Ton Miles	Passenger Miles	Operating Revenue	Operating Expenses	Revenue Ton Miles (4)	Freight Revenue	Passengers	Pass. Train Revenues (6)	Mile (1)	
	(Thousands)			\$	\$		\$		\$		
1923	23,914	853,703	66,350	11,784	10,816	502	5.01	60.50	2.49	25.59	325.2
1924	24,145	774,372	62,761	10,958	10,135	517	5.22	56.84	2.38	24.85	322.5
1925	24,619	818,150	62,908	11,370	9,860	541	5.44	56.05	2.31	24.75	327.8
1926	24,915	868,315	65,140	12,279	10,130	544	5.58	57.70	2.36	24.55	316.3
1927	25,929	872,402	66,827	12,386	10,513	531	5.34	57.20	2.31	24.67	314.0
1928	26,900	1,008,634	67,974	13,673	11,210	577	5.87	56.29	2.29	25.20	326.6
1929	27,104	851,279	61,920	12,858	10,988	536	5.98	51.59	2.22	23.89	297.1
1930	27,664	711,187	51,342	10,632	9,674	534	5.83	43.99	1.93	23.78	309.2

1931	24,531	311,209	35,423	8,436	8,385	535	5.18	35.13	1.35	24.13	330.3
1932	19,990	537,138	28,862	6,777	6,529	522	4.94	34.50	1.53	24.97	372.9
1933	18,536	484,397	28,007	6,255	6,015	516	5.04	35.87	1.50	24.34	368.2
1934	18,402	544,722	30,540	6,965	6,417	521	5.09	39.29	1.62	24.32	350.3
1935	18,639	568,318	32,557	7,322	6,719	525	5.23	41.31	1.62	23.99	348.1
1936	18,174	625,956	35,292	7,923	7,280	520	5.14	45.74	1.71	24.11	340.9
1937	19,285	636,718	40,218	8,369	7,626	505	5.15	49.44	1.75	23.25	322.4
1938	18,723	609,720	37,646	7,695	7,439	518	5.02	47.62	1.72	24.43	357.5
1939	18,678	716,554	36,987	8,611	7,731	572	5.39	46.87	1.76	25.37	373.9
1940	19,172	908,158	47,655	10,487	8,580	620	5.63	58.57	2.15	27.47	391.1
1941	20,770	1,151,306	74,898	12,938	10,107	674	5.93	84.83	2.41	28.32	416.1
1942	22,598	1,345,174	115,258	15,989	12,301	743	6.75	119.83	3.07	30.00	443.5
1943	23,820	1,540,070	154,029	18,754	13,811	810	7.24	151.92	3.92	32.56	451.7
1944	24,217	1,526,753	157,326	18,775	15,430	797	7.11	152.64	4.02	32.07	445.5
1945	24,600	1,472,423	142,061	18,460	15,119	798	7.30	135.70	3.83	31.83	432.8
1946	23,581	1,314,663	97,667	17,092	15,242	737	7.18	97.07	3.33	29.31	390.3
1947	23,346	1,407,799	78,824	18,725	16,970	748	7.78	79.01	3.13	29.54	382.1
1948	23,901	1,407,783	74,992	20,994	19,859	732	8.75	73.42	3.09	29.60	386.4

Year	Average Passenger Journey (Miles)	Average Revenue				Number of Employees (5)	Total Pay Roll (Thousands)	Pay Roll Charged to Operating Expenses (Thousands)	Ratio of Operating Pay Roll to Revenues (Per Cent)	Ratio of Operating Expenses to Revenues (Per Cent)
		Per Ton of Freight \$	Per Passenger \$	Per Ton Mile \$	Per Passenger Mile \$					
1923	61.1	3.24	1.66	.995	2.715	107,007	153,884	137,457	53.49	91.78
1924	60.4	3.26	1.64	1.010	2.713	101,489	145,622	129,423	54.02	92.50
1925	63.7	3.28	1.69	1.001	2.654	98,382	143,963	129,790	52.04	86.72
1926	66.6	3.29	1.77	1.039	2.650	102,890	151,945	135,225	49.90	82.50
1927	72.2	3.26	1.88	1.038	2.601	103,540	159,250	140,457	51.10	84.88
1928	76.9	3.30	1.99	1.011	2.585	107,602	168,728	149,790	49.18	81.99
1929	72.8	3.29	1.93	1.108	2.650	109,096	173,079	151,494	52.15	85.59
1930	69.2	3.36	1.87	1.086	2.710	101,046	159,981	143,348	57.12	91.17
1931	65.6	3.57	1.76	1.020	2.679	91,416	139,785	126,951	63.32	99.41
1932	66.2	3.51	1.67	.942	2.515	76,616	106,912	99,693	61.88	96.34
1933	70.5	3.58	1.59	.972	2.261	70,625	95,632	89,631	60.35	96.16
1934	71.7	3.41	1.62	.974	2.259	74,774	98,408	91,987	55.78	92.14
1935	79.2	3.45	1.71	.990	2.162	75,053	104,862	96,815	55.90	91.77
1936	82.3	3.55	1.69	.982	2.048	78,836	111,221	102,534	54.94	91.89
1937	87.6	3.27	1.74	1.014	1.987	79,471	117,805	108,301	54.59	91.12
1938	86.7	3.44	1.76	.964	2.030	74,953	116,526	107,870	59.19	96.67
1939	86.3	3.51	1.76	.938	2.035	78,129	122,354	112,494	55.19	89.77
1940	100.4	3.53	1.94	.904	1.929	82,851	132,584	121,146	48.94	81.32
1941	99.7	3.67	1.80	.881	1.810	89,536	153,654	140,442	46.15	78.12
1942	89.2	4.03	1.59	.909	1.784	94,592	177,043	161,592	43.02	76.93
1943	104.9	4.04	1.94	.894	1.848	101,128	195,555	181,351	41.16	73.64
1944	102.9	3.98	1.94	.893	1.888	102,764	222,649	206,392	46.78	82.18
1945	109.9	3.96	2.15	.915	1.953	105,624	220,508	204,689	47.19	81.91
1946	102.6	3.80	2.25	.975	2.190	105,353	237,336	220,738	55.10	89.18
1947	86.9	3.97	2.03	1.040	2.332	108,440	258,338	239,057	54.55	90.63
1948	87.3	4.62	2.07	1.195	2.368	111,072	305,398	280,749	57.15	94.60

NOTES

TABLE 1.

- (1) Includes the Central Vermont Railway, Inc., from February 1, 1930.
- (2) Revenues and Expenses, 1923-1927, adjusted to include Commercial Telegraph lines to be comparable with 1928 and subsequent years.
- (3) Net Income Deficit includes appropriations for Insurance Fund of \$10,384,390 and excludes interest on Government Loans eliminated by Capital Revision Act, 1937.
- (4) Columns P + Q and R + S are the Profit and Loss deficits which, with the interest on Government Loans, were eliminated December 31, 1936, by the Capital Revision Act, 1937, as follows:

	At Dec. 31, 1922	Fourteen Years 1923-1936	Adjustments: Dom.Govt.Ry. Accts. & Dom. Govt. Int.	In Dispute	Total	Pd. per Col.H. Table 3 1927 - 1936	Eliminated by Capital Revision Act 1937
Deficits	\$165,623,098	\$492,719,862	- \$ 103,247	\$...	\$658,239,713	\$284,416,593	\$573,823,120
Interest	69,528,803	467,943,248	- 6,439,453	43,949,039	574,781,637	...	574,781,637

- (5) Charged or credited to "Proprietor's Equity".
- (6) Contributed by or paid to the Dominion Government.
- (7) Excludes appropriations for pension liabilities prior to 1943 amounting to \$19,069,000.

TABLE 2.

- (1) Annual report includes Central Vermont funded debt amounting to \$9,902,865 and capital stock of \$807,600 which are excluded here.
- (2) Current liabilities - Loans and bills payable - Minister of Finance are included for 1929, 1930 and 1933.
- (3) Exclusive of \$14,529,707 for Hudson Bay Railway on March 31, 1919. Appropriation to Dec. 31, 1922 included in total for 1922.
- (4) Deduction for Hudson Bay Railway \$15,245,889.
- (5) Dates constituent lines were taken over:- Canadian Northern, Sept. 30, 1917; Grand Trunk Pacific, March 9, 1919; Grand Trunk, May 21, 1920; Canadian Govt. Rys., March 31, 1919; (Actual date of transfer Nov.20,1918).
- (6) Reduced by purchase through the Governments of Canada and the United Kingdom of securities held in the United Kingdom and Dominion of Canada.
- (7) Acquisition of control of Atlantic and St. Lawrence Railroad and reduction of stock of other subsidiaries held by the public caused a net increase.

TABLE 3.

- (1) Includes temporary Govt. loans shown in annual reports as "Loans and Bills Payable - Minister of Finance". Other loans and bills payable are included in column 1.
- (2) Excludes credits for property transferred to other Governmental departments - \$53,157,000.
- (3) Includes deficits for Eastern Lines from July 1, 1927, and for entire system from January 1, 1932.
- (4) System (less Eastern lines) deficit for 1932 of \$53,422,662 was paid in 1933, the remaining \$783,220 being secured from working capital.

TABLE 4.

- (1) Includes cost of acquiring control of Atlantic and St. Lawrence Railroad Company.

TABLE 5.

- (1) Revenue and non-revenue freight.
- (2) Includes portion of mixed train miles.
- (3) Includes unit car miles.
- (4) Excludes ton miles on car ferries, etc.
- (5) Includes Railway, Express, Telegraph. Excludes Hotel and Subsidiary Companies.
- (6) Includes gross express revenue on Canadian lines.

STATISTICS CANADA LIBRARY
BIBLIOTHÈQUE STATISTIQUE CANADA



1010678550