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CANADA
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PRELIMINARY REPORT
ON
STATISTICS OF STEAM RAILWAYS
IN
CANADA
1946



OTTAWA
1947

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CANADA

DEPARTMENT OF TRADE AND COMMERCE

BUREAU OF STATISTICS

TRANSPORTATION DIVISION



PERMANENT REPORT

NO.

STATISTICS OF STEAM RAILWAYS

IN

CANADA

1925

OTTAWA

1925

DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

Dominion Statistician, HERBERT MARSHALL
Chief, Transportation and Public Utilities Branch, G.S. Wrong

20-1110

PRELIMINARY REPORT

ON

STATISTICS OF STEAM RAILWAYS

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Canadian railways earned ^{570,764} \$718,971,560 during 1946. This was a decrease of \$56,469,596 from revenues of 1945 and of \$78,135,022 from the peak 1944 revenues. Operating expenses were reduced from 1945 by only \$7,968,090 to a total of \$625,529,472, and consequently net operating revenues were reduced from \$145,475,798 to \$94,972,292. Taxes were down from \$50,777,455 to \$24,500,296, the largest decrease being in the income tax of the Canadian Pacific Railway, and net hire of equipment and joint facilities rent increased from \$10,567,297 to \$10,870,568. Non operating income decreased by \$2,372,394 and interest on funded and unfunded debt by \$2,716,067. All other non operating expenses were reduced by \$5,655,166 and the net corporate income was reduced from \$51,941,093 in 1945 to \$13,212,314. Dividends amounting to \$22,407,922 were paid, as compared with \$22,577,695 in 1945. Sinking fund reserves appropriations amounted to \$51,287 and miscellaneous appropriations were \$135,574 as against \$1,028,353 in the previous year. The Canadian National System earned cash surpluses during the five previous years which were applied to reduce the loans from the Dominion Government for capital purposes, but in 1946 the system reported a cash deficit of \$8,961,570; these deficits are met by direct payment by the Dominion Government. Other debits brought the deficit of the system to \$9,417,954 for the year.

During the war years the railways were unable to secure labour and materials in sufficient quantities to maintain the plant and through charges to operating expenses created deferred maintenance reserves, which at the close of 1945 amounted to \$66,689,547. During 1946 the Algoma Central and Hudson Bay Railway eliminated its reserve, the Canadian National System credited its reserve with \$6,000,000 and the total was reduced by \$6,893,546. Total depreciation reserves were increased from \$387,544,008 to \$426,271,961 or by 10 per cent, insurance reserves were increased by \$610,940 and other reserves were reduced, bringing the total to \$523,764,052 as against \$493,963,692 in 1945.

There was little change in the miles of railroad during the year, the net result being a reduction of 7.3 miles.

Revenue ton miles at 55,310,307,842 declined by 12.7 per cent from 1945 traffic and revenue freight train miles were reduced by 3.6 per cent. The number of passengers carried declined from 53,407,845 to 43,405,177 or by 18.7 per cent, passenger miles declined by 27.1 per cent, revenue passenger train miles were reduced by 2.9 per cent and passenger train car miles by 7.1 per cent. These reductions in traffic and consequently in revenues, without corresponding reductions in train miles and with the necessary expenses, are factors in the reduced net income of the railways. Some reductions are possible in freight service when traffic declines, and to a lesser extent in passenger service but not on a pro rata rate. The ratio of empty freight car miles to loaded freight car miles was 44.3 per cent as compared with 48.0 per cent in 1945 and 48.1 per cent in 1939. This indicates a better balance in freight movement and, of course, the ratio is affected also by the efficiency of car distribution.

The number of employees, including those in the express and communication departments and in outside operations, declined from 180,603 to 180,385, but the pay roll increased to \$396,856,901 from \$371,814,379 or by 6.7 per cent. The number of employees was based on counts made each month, and consequently is approximately the number of full-time positions and not the count of all persons on the pay roll. By this method employees working only half a year would be counted as half an employee. The pay roll, however, is the total amount paid, exclusive of commissions to some express and telegraph employees.

The average yearly wages paid in each class was calculated by dividing the total wages paid for the class by the average of the counts of employees made each month. The counts were made four times each month on some railways for classes that fluctuated considerably and only once a month for other employees. The daily and hourly averages were computed by dividing the total wages by the total time worked, and consequently are true weighted averages.

The average wage for the general and miscellaneous group increased from \$2,155 per year to \$2,311 or by 7.2 per cent, executives, general officers and assistants increasing from \$7,188 to \$7,896 or by 9.9 per cent. Wages of the maintenance and structures group increased from \$1,587 to \$1,724 or by 8.6 per cent, and for the maintenance of equipment group from \$1,986 to \$2,084 or by 5 per cent, and the total pay roll for this group increased by \$6,695,871 or 8 per cent.

Pay roll for the transportation group increased by \$7,069,099 or by 4.3 per cent and the yearly average per employee increased from \$2,542 to \$2,674 or by 5.2 per cent. The highest average in this group was \$4,656 for road passenger engineers. The average time worked by this class was longer by 3.2 per cent

and the average rate per hour increased from \$1.880 to \$1.959 or by 4.2 per cent

Only 2 passengers were killed in train accidents during the year, which was the best record since 1939 when only 1 was killed. In the following, corresponding data for 1945 are shown in brackets. The number of passengers injured was 349 (360). There were 90 (71) employees killed, of which 51 (34) were trainmen, and 2,844 (2,665) employees were injured, including 2,465 (2,415) trainmen. Also 89 (102) trespassers and 123 (129) other persons were killed; 24 (12) postal, express and pullman employees were injured, in addition to 94 (102) trespassers and 469 (471) other persons, making a total of 304 (312) persons killed and 3,780 (3,610) persons injured in train accidents, exclusive of 7 (12) suicides and 1 (nil) attempted suicide. Other persons include almost exclusively motorists and pedestrians at highway crossings. Accidents at highway crossings resulted in the death of 19 (25) persons at protected crossings and 94 (96) at unprotected crossings, making the total 113 (121) for the year. The majority of these were motorists, 19 (22) being killed at urban crossings and 75 (79) at rural crossings. The persons injured in train accidents at highway crossings included trainmen and passengers 32 (27), pedestrians 13 (12), motorists 377 (415) and persons riding in other vehicles 20 (18), making a total of 442 (470) of which 142 (196) were injured at urban crossings and 300 (274) at rural crossings.

In addition to train accidents there were non-train accidents, such as those resulting from the handling of materials, in shops, etc. From these 23 (42) persons were killed and 8,858 (10,741) were injured. These totals included 15 (27) employees killed and 8,562 (10,482) injured.

As a measure of the seriousness of injuries to employees, the days absent from duty because of accidents are compiled. For 1946 the total was 294,258 (331,667) days, all classes showing improvement except switch tenders who lost 1,381 (1,085) days, and telegraph employees with 3,843 (1,848) days lost.

TABLE 1.

INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1946

No.	Name of Railway	Total Operating Revenues	Total Operating Expenses	Net Operating Revenues	Railway Tax Accruals	Hire of Equipment and Rent of Joint Facilities
		\$	\$	\$	\$	\$
1.	Algoma Central and Hudson Bay	5,418,245	4,789,826	628,419	36,004	91,642
2.	Alma and Jonquieres	213,524	146,534	66,990	24,252	21,637
3.	British Yukon	330,177	246,530	83,647	6,435	-
4.	Canada and Gulf Terminal	294,632	179,927	114,705	26,826	16,958
5.	Canada Southern (Lessee N.Y.C.)	20,498,378	16,663,344	3,835,034	982,506	2,368,812
5a.	Canada Southern (Lessor)	-	-	-	44,545	-
6.	Canadian National	351,701,203	310,311,372	41,389,831	4,119,008	1,897,767
7.	Canadian Pacific	294,545,601	254,775,514	39,770,087	16,877,264	2,049,773
8.	Central Vermont	330,722	275,507	55,215	426	23,950
9.	Cumberland	175,112	182,792	Dr. 7,680	2,786	5,495
10.	Essex Terminal	477,567	344,824	132,743	45,193	24,382
11.	Great Northern	1,003,707	1,349,346	Dr. 345,639	171,736	Cr. 78,553
12.	Greater Winnipeg Water District	59,061	102,565	Dr. 43,504	-	1,815
13.	Hudson Bay	466,827	776,026	Dr. 309,199	3,531	132,271
14.	Maine Central	23,788	22,709	1,059	Cr. 338	366
15.	Maritime Coal, Railway and Power	159,831	97,606	62,225	17,010	14,121
16.	Midland Railway of Manitoba	540,745	558,940	Dr. 18,195	36,079	138,664
17.	Morrissey, Fernie and Michel	69,968	66,871	3,097	390	-
18.	Napierville Junction	1,063,757	581,632	482,125	177,031	174,202
19.	Northern Alberta	5,340,411	4,228,444	1,111,967	75,721	537,645
20.	Ontario Northland (formerly T. & N.O.)	8,920,173	6,696,681	2,223,492	2,637	522,861
21.	Ottawa and New York	198,592	380,718	Dr. 182,126	28,044	29,574
22.	Pacific Great Eastern	1,210,160	1,169,018	41,142	3,828	31,608
23.	Pere Marquette	8,212,473	5,246,128	2,966,345	787,642	1,331,722
24.	Quebec Railway, Light & Power	889,744	740,980	148,764	17,171	24,875
25.	Roberval and Saguenay	1,465,387	614,306	851,081	345,776	68,066
26.	St. Lawrence and Adirondack	860,447	1,032,979	Dr. 172,532	30,489	205,692
27.	Sydney and Louisburg	1,229,161	1,256,218	Dr. 27,057	6,801	463,757
28.	Temiscouata	393,373	363,071	30,302	5,089	19,759
29.	Thousand Islands	58,427	52,297	6,130	376	-
30.	Toronto, Hamilton and Buffalo	3,860,516	2,618,334	1,242,182	401,887	63,840
31.	Toronto Terminals	877,011	1,594,199	Dr. 717,188	216,211	-
32.	Wabash (in Canada)	7,613,064	6,064,234	1,548,830	7,940	687,887
33.	Total - 1946	718,501,764	623,529,472	94,972,292	24,500,296	10,870,568
34.	Total - 1945	774,971,360	631,497,562	143,473,798	30,777,455	10,367,297
35.	Canadian National (Canada & U.S.)	400,586,026	357,236,718	43,349,308	7,122,248	4,668,112

Amounts do not include taxes on the Lake Erie and Detroit River Railway Company amounting to \$19,048 in 1946, and \$15,244 in 1945, which are classified as "Rent for Leased Roads" of the Pere Marquette Railway and are included in "All Other Non-Operating Expenses".

INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1946

No.	Net Operating Income	Non- operating Income	Gross Corporate Income	Interest on Funded and Unfunded Debt	All Other Non-operating Expenses	Total Non-operating Expenses	Net Corporate Income
	\$	\$	\$	\$	\$	\$	\$
1.	500,773	810,069	1,310,842	515,425	193,528	708,953	601,889
2.	21,101	6,810	27,911	-	-	-	27,911
3.	77,212	54,664	131,876	111,222	6,540	117,762	14,114
4.	70,921	8,063	78,984	57,000	-	57,000	21,984
5.	483,716	85,652	569,368	3,124	1,913,003	1,916,127	Dr.1,546,759
5a.	Dr.44,545	2,055,115	2,010,570	1,463,293	2,309	1,465,602	544,968
6.	36,373,056	3,154,847	38,527,903	x 44,816,769	3,129,068	47,945,857	Dr.9,417,954
7.	20,843,050	23,058,085	43,901,135	14,211,417	4,554,987	18,766,404	25,134,731
8.	30,859	7,624	38,483	35,075	880	35,955	2,528
9.	Dr.15,961	-	Dr. 15,961	-	-	-	Dr. 15,961
10.	63,168	15,037	78,205	13,800	1,056	14,856	63,349
11.	Dr.438,822	138,815	Dr. 300,007	147,386	64,293	211,679	Dr. 511,686
12.	Dr. 45,319	-	Dr. 45,319	-	-	-	Dr. 45,319
13.	Dr.445,001	130	Dr. 444,871	-	-	-	Dr. 444,871
14.	1,031	-	1,031	-	-	-	1,031
15.	31,094	4,391	35,485	-	-	-	35,485
16.	Dr.192,938	11,585	Dr. 181,353	-	15,598	15,598	Dr. 186,951
17.	2,707	2,144	4,851	-	-	-	4,851
18.	130,892	60,205	191,097	5	52,279	52,284	138,813
19.	498,601	1,051,568	1,550,169	1,576,500	170	1,576,670	Dr. 26,501
20.	1,697,994	3,850	1,701,844	201,050	195	201,225	1,500,619
21.	Dr.239,744	Dr. 1,087	Dr.240,831	14	1,057	1,071	Dr. 241,902
22.	5,706	15,025	20,731	4,235,475	21,749	4,257,224	Dr.4,236,493
23.	846,981	14,170	861,151	126,055	110,941	236,996	624,155
24.	106,718	13,733	120,451	-	-	-	120,451
25.	437,259	3,880	441,119	93,100	102	93,202	347,917
26.	Dr.408,713	3,440	Dr.405,273	49,000	10,200	59,200	Dr. 464,473
27.	Dr.497,615	-	Dr.497,615	-	-	-	Dr. 497,615
28.	5,454	4,567	9,821	-	-	-	9,821
29.	5,754	875	6,629	-	-	-	6,629
30.	776,455	111,126	887,581	143,265	139,766	283,031	604,550
31.	Dr.933,389	2,285,411	1,352,012	1,323,489	28,523	1,352,012	-
32.	853,003	-	853,003	-	-	-	853,003
33.	59,601,428	32,979,594	92,581,022	69,122,464	10,246,244	79,368,708	13,212,314
34.	102,329,046	35,351,988	137,681,034	71,836,531	13,901,410	85,739,941	51,941,093
35.	31,558,948	7,483,573	39,042,521	45,172,194	3,315,859	48,488,053	Dr.9,445,532

x - Includes interest on \$701,765,305 Dominion Government Loans, \$21,322,563.

TABLE 2

TRAIN MILEAGE FOR THE YEAR ENDED DECEMBER 31, 1946

No.	Name of Railway	Miles of Road Operated		Mileage of Revenue Freight Trains ϕ	Mileage of Revenue Passenger Trains ϕ	Total Revenue Train Mileage ϕ	Mileage of Non-revenue Trains ϕ
		At December 31 I	Average during Year f				
1.	Algoma Central and Hudson Bay	320.6	321.8	867,825	-	867,825	25,418
2.	Alma and Jonquieres	10.6	10.6	21,637	-	21,637	-
5.	British Yukon	90.3	90.3	32,220	3,510	35,730	226
4.	Canada and Gulf Terminal	38.1	36.0	19,060	48,880	67,940	-
5.	Canada Southern (Lessee N.Y.C.)	369.7	370.0	1,523,525	1,582,779	3,106,304	64,203
6.	Canadian National	21,582.3	21,741.3	37,168,712	21,716,915	58,885,627	1,509,285
7.	Canadian Pacific	16,601.6	17,036.9	33,685,991	20,230,251	53,914,242	758,355
8.	Central Vermont	25.3	25.3	20,784	36,312	57,096	315
9.	Cumberland	31.3	31.3	29,301	-	29,301	-
10.	Essex Terminal	21.3	21.3	15,740	-	15,740	-
11.	Great Northern	140.7	147.7	71,863	70,158	142,041	2,965
12.	Greater Winnipeg Water District	92.0	92.0	-	3,217	3,217	-
13.	Hudson Bay	510.1	510.1	106,182	4,136	110,318	13,225
13a.	International Bridge and Terminal	1.1	1.1	-	-	-	-
14.	Maine Central	5.1	5.1	3,573	-	3,573	-
15.	Maritime Coal, Railway and Power	12.2	12.2	18,930	2,376	21,306	-
16.	Midland Railway of Manitoba	5.7	75.5	49,078	98,636	147,714	-
17.	Morrissey, Fernie and Michel	5.0	5.0	8,432	914	9,346	6,528
18.	Napierville Junction	27.1	41.7	57,648	91,198	148,846	1,195
19.	Northern Alberta	922.7	927.6	681,034	378,423	1,059,457	37,053
20.	Ontario Northland	574.3	574.3	931,747	592,455	1,524,202	30,426
21.	Ottawa and New York	57.3	58.0	32,155	36,698	68,853	-
22.	Pacific Great Eastern	347.8	347.0	150,701	78,892	229,593	30,201
23.	Pere Marquette	198.8	318.9	641,463	-	641,463	12,856
24.	Quebec Railway, Light & Power	25.4	25.4	32,515	328,714	361,229	5,250
25.	Roberval and Saguenay	29.0	29.0	70,090	-	70,090	1,082
26.	St. Lawrence and Adirondack	46.5	60.9	64,899	120,320	185,219	975
27.	Sydney and Louisburg	70.3	70.3	121,662	42,979	164,641	-
28.	Temiscouata	101.1	112.8	50,993	56,403	107,396	2,092
29.	Thousand Islands	4.5	4.5	3,776	14,500	18,276	-
30.	Toronto, Hamilton and Buffalo	103.6	111.0	165,239	162,190	327,429	1,302
31.	Toronto Terminals	3.2	3.2	-	-	-	-
31a.	Van Buren Bridge	0.3	0.3	-	-	-	-
32.	Wabash (in Canada)	-	245.4	950,168	-	950,168	-
33.	Total - 1946	42,375.1	42,346.6	77,794,963	45,700,856	123,495,819	2,502,910
34.	Total - 1945	42,352.4	42,366.5	80,712,589	47,067,607	127,780,196	2,850,479
35.	Canadian National (Canada and U.S.)	23,173.2	23,437.1	41,817,432	23,581,125	65,398,557	1,583,328

I - Track operated under trackage rights excluded.

f - Track operated under trackage rights included for each railway but excluded from total

ϕ - Includes mileage of both locomotive and motor unit drawn trains.

TONS AND PASSENGERS CARRIED AND CAR MILEAGE FOR THE YEAR ENDED DECEMBER 31, 1946

No.	Revenue Freight		Revenue Passengers		Freight Car Miles (Revenue and Non-revenue)				Total Passenger Train Car Miles ^{1/}
	Tons Carried	Tons Carried One Mile	Number Carried	Passengers Carried One Mile	Freight Loaded	Freight Empty	Caboose	Total	
1.	2,424,523	578,661,492	65,455	4,852,050	9,390,141	6,271,019	724,078	^{3/} 16,965,282	501,051
2.	541,541	5,758,951	1,570	15,070	122,692	82,654	-	205,346	6,523
3.	22,904	2,018,553	7,547	615,945	155,008	110,163	-	265,171	95,128
4.	173,057	4,521,021	62,243	1,312,247	237,541	81,681	19,060	338,282	94,415
5.	9,213,925	1,351,416,172	1,410,351	234,412,889	61,647,286	34,968,688	1,525,492	98,141,466	19,302,420
6.	66,010,011	26,966,941,000	20,829,833	2,103,111,000	998,080,962	415,583,921	38,906,439	1,452,571,322	199,721,611
7.	51,400,892	23,547,893,000	15,583,990	2,126,066,000	830,493,829	385,881,168	36,928,104	1,255,303,101	182,141,814
8.	1,064,137	25,357,357	165,249	4,375,628	936,755	319,788	21,102	1,277,645	333,446
9.	516,606	3,177,634	2,273	36,297	48,015	48,015	5,942	101,972	23,162
10.	950,651	4,753,150	-	-	194,390	145,125	22,000	361,515	-
11.	660,537	21,473,704	139,342	4,651,518	791,318	560,940	69,066	1,421,324	422,310
12.	123,032	-	10,367	545,025	-	-	-	-	24,396
13.	80,160	30,576,000	13,663	2,368,000	1,284,832	697,741	129,374	2,511,947	395,895
13a.	-	-	-	-	-	-	-	-	-
14.	270,604	1,580,080	78	398	39,395	31,540	1,299	72,434	2,324
15.	265,997	2,660,439	12,024	87,891	81,033	65,645	-	146,678	2,376
16.	190,762	13,358,394	77,470	4,277,884	692,219	474,958	49,444	1,216,621	649,816
17.	278,567	1,384,478	190,400	761,600	27,440	27,440	-	54,880	18,322
18.	2,886,130	77,693,770	298,165	11,390,404	1,756,156	1,264,984	57,972	3,079,112	730,951
19.	974,713	262,343,910	235,832	28,250,161	11,276,136	5,347,839	636,881	17,260,856	3,035,346
20.	2,430,167	492,801,000	522,188	58,575,000	19,101,598	8,985,083	934,747	29,021,428	4,757,933
21.	184,026	8,168,366	52,020	1,408,362	241,581	219,947	32,273	493,801	106,338
22.	176,438	35,277,487	46,791	3,719,212	1,539,909	991,624	109,494	2,641,027	615,516
23.	4,988,684	874,933,105	333	8,902	32,804,081	14,360,153	861,580	48,025,814	75,966
24.	466,391	9,398,442	2,527,805	25,837,312	338,496	235,680	31,789	605,965	751,048
25.	1,744,975	33,835,013	120	2,200	704,156	619,302	48,291	1,371,749	14,157
26.	1,164,547	32,827,476	500,171	10,254,607	1,050,333	928,330	64,942	2,043,605	627,702
27.	3,268,777	42,861,895	18,284	296,419	975,224	967,185	92,146	2,034,553	149,598
28.	202,223	6,872,117	39,737	1,193,235	295,710	177,722	38,674	512,106	199,294
29.	^{2/}	194,101	9,806	44,225	10,695	5,110	-	15,805	14,500
30.	3,723,259	139,599,224	564,270	20,088,168	3,864,997	1,758,392	163,175	5,786,564	1,057,780
31.	-	-	-	-	-	-	-	-	-
31a.	-	-	-	-	-	-	-	-	-
32.	4,418,846	934,370,511	^{2/}	^{2/}	36,459,915	11,607,816	921,717	48,989,448	59,241
33.	4,160,493,650 137,236,125	55,310,307,842	43,405,177	4,648,557,649	2,014,642,043	893,019,651	82,393,081	2,990,636,819	415,890,589
34.	^{4/} 147,348,566	63,349,094,918	53,407,845	6,380,154,949	2,107,797,769	1,011,428,064	86,200,998	3,206,225,415	^{1/} 447,822,527
35.	78,950,008	30,811,920,078	22,320,490	2,289,022,397	1,140,375,262	477,263,312	42,461,248	^{5/} 1,664,698,452	216,804,141

^{1/} Includes Motor Unit Car Miles - 1,496,324 miles as motive power and 9,511 miles in locomotive drawn trains.

^{2/} Included in Canadian National Railways

^{3/} Includes 580,444 miles in Non-revenue Service.

^{4/} Duplications excluded.

^{5/} Includes 4,598,630 miles in Non-revenue Service.

TABLE 3.

EMPLOYEES AND THEIR COMPENSATION FOR THE YEAR ENDED DECEMBER 31, 1946

No.	Division	Average Number of (1) Employees	Total Hours on Duty (D - Days)	Total Salaries and Wages	Hours Worked (D - Days)	Salaries & Wages		
						Per Hour (D - Days)	Per Year	
GENERAL AND MISCELLANEOUS								
1.	Executives, General Officers and Assistants	554	D 167,708	4,374,312	D 303	D 26.083	7,896	
2.	Division Officers	1,052	D 336,126	4,352,246	D 320	D 12.946	4,137	
3.	Assistant Engineers and Draftsmen	735	D 226,390	1,993,167	D 308	D 8.804	2,718	
4.	Other Miscellaneous Officials	1,323	D 401,493	4,637,474	D 303	D 11.551	3,505	
5.	Clerks	18,710	D 5,765,169	38,967,856	D 308	D 6.759	2,083	
6.	Telephone Switchboard Operators	237	D 70,994	362,616	D 300	D 5.108	1,530	
7.	Office Boys, Messengers, Attendants & Miscellaneous Trade Workers	1,737	D 528,928	2,428,172	D 305	D 4.591	1,398	
8.	Janitors and Cleaners	995	D 302,482	1,442,709	D 304	D 4.770	1,450	
	Total (Daily basis)	25,343	D 7,799,290	58,558,532	D 308	D 7.508	2,311	
MAINTENANCE OF WAY AND STRUCTURES								
9.	Bridge and Building Department Foremen	540	D 169,825	1,324,658	D 314	D 7.800	2,423	
10.	Carpenters and Bridgemen	2,478	5,944,162	4,968,250	2,399	D 0.836	2,005	
11.	Blacksmiths, Pipe Fitters, Plumbers, Tinsmiths & Pump Repairers	345	850,836	837,884	2,466	0.985	2,429	
12.	Masons, Bricklayers, Plasterers and Painters	446	1,062,258	911,082	2,382	0.858	2,043	
13.	Helpers, B. and B. Department	356	845,715	613,374	2,376	0.725	1,723	
14.	Apprentices, B. and B. Department	-	-	-	-	-	-	
15.	Pile Driver, Ditching, Hoist and Steam Shovel Employees	525	1,520,712	1,427,601	2,897	0.939	2,719	
16.	Pumpmen	395	1,081,442	778,658	2,738	0.720	1,971	
17.	Extra Gang and Snow Plough Foremen	439	1,088,933	1,096,194	2,480	1.007	2,497	
18.	Signal Foremen	52	D 16,168	173,989	D 311	D 10.761	3,246	
19.	Section Foremen	5,970	15,468,260	12,852,644	2,591	0.831	2,153	
20.	Sectionmen	17,507	42,128,407	28,302,891	2,406	0.672	1,617	
21.	Labourers	8,267	19,465,804	10,549,474	2,355	0.542	1,276	
22.	Foremen, Linemen	49	D 16,033	143,372	D 327	D 8.942	2,926	
23.	Telegraph and Telephone Linemen and Groundmen	97	203,201	174,787	2,095	0.860	1,802	
24.	Signal and Interlocker Maintainers and Repairmen	747	1,956,073	1,723,713	2,619	0.881	2,308	
	Total (Daily basis)	641	D 202,026	1,642,019	D 315	D 8.128	2,562	
	(Hourly basis)	37,572	91,615,803	64,236,552	2,438	0.701	1,710	
	Total	38,213	-	65,878,571	-	-	1,724	
MAINTENANCE OF EQUIPMENT								
25.	General Foremen	67	D 21,429	251,292	D 320	D 11.727	3,751	
26.	Department and Gang Foremen	2,533	D 810,258	7,635,133	D 320	D 9.423	3,014	
27.	Blacksmiths	713	1,648,021	1,696,402	2,311	1.029	2,379	
28.	Boilermakers	1,377	3,214,826	3,360,153	2,535	1.045	2,440	
29.	Carmen (A)	2,264	5,081,037	5,272,461	2,244	1.038	2,329	
30.	Carmen (B)	537	1,181,882	1,231,765	2,201	1.042	2,294	
31.	Carmen (C)	6,484	15,633,512	15,119,393	2,411	0.967	2,332	
32.	Carmen (D)	188	414,802	403,893	2,206	0.974	2,148	
33.	Electrical Workers	1,049	2,532,605	2,517,506	2,414	0.994	2,400	
34.	Machinists	5,050	11,663,155	12,077,291	2,610	1.036	2,392	
35.	Moulders	118	265,477	285,294	2,250	1.075	2,418	
36.	Pipe Fitters and Sheet Metal Workers	1,278	2,838,909	2,972,450	2,221	1.047	2,326	
37.	Helpers to Mechanics	8,848	20,668,206	16,689,040	2,336	0.807	1,886	
38.	Helper Apprentices	41	79,398	63,738	1,937	0.803	1,555	
39.	Regular Apprentices	2,304	5,046,225	3,822,403	2,190	0.757	1,660	

40. Car Cleaners	1,901		4,618,071	3,065,736	2,429	0.664	1,613
41. Other Unskilled Employees	4,570		11,026,093	7,412,240	2,413	0.672	1,622
42. Unclassified Labourers	3,086		7,054,547	4,550,067	2,286	0.645	1,475
43. Stationary Engineers, Firemen and Oilers	915		2,314,388	1,857,965	2,529	0.803	2,031
Total	2,600	D	831,687	7,886,425	320	9.482	3,033
(Daily basis)	40,723		95,281,154	82,398,797	2,340	0.865	2,023
(Hourly basis)							
Total	43,323		-	90,285,222	-	-	2,084
TRANSPORTATION							
44. Inspectors and Sergeants of Police	206	D	64,791	604,326	315	9.327	2,934
45. Constables and Policemen	860	D	275,056	1,911,491	320	6.949	2,223
46. Storekeepers	247	D	76,070	647,205	308	8.508	2,620
47. Storemen	2,072		4,704,627	3,509,343	2,271	0.746	1,694
48. Train Despatchers and Traffic Supervisors	620		1,550,437	2,293,646	2,501	1.479	3,699
49. Supervisory Agents and Assistants	548		1,393,477	1,592,777	2,543	1.343	2,907
50. Station Agents, Non-telegraphers (small station)	138		350,250	216,887	2,538	0.619	1,572
51. Station Agents, Telegraphers and Telephoners	5,727		14,883,154	14,350,180	2,599	0.264	2,506
52. Signalmen (Non-telegraphers) at Interlockers	257		636,363	510,218	2,476	0.811	2,009
53. Foremen in Freight Sheds	578		1,424,688	1,335,901	2,465	0.938	2,311
54. Freight Handlers and other Station Employees	6,690		16,197,163	12,187,608	2,421	0.752	1,822
55. Labourers	1,136		2,780,302	1,899,808	2,447	0.683	1,672
56. Dining Car and Restaurant Inspectors, Conductors & Stewards	443	D	152,447	1,161,511	344	7.619	2,622
57. Dining Car and Restaurant Helpers and Attendants	2,863	D	966,872	4,782,902	338	4.947	1,671
58. News Agents	210	D	58,709	406,780	280	6.929	1,937
59. Floating Equipment Employees	794		2,303,797	1,478,750	2,902	0.642	1,862
60. Sleeping and Parlour Car Inspectors and Conductors	272	D	95,386	751,710	351	7.881	2,764
61. Sleeping and Parlour Car Porters	1,373	D	493,570	2,348,105	359	4.757	1,710
62. Drawbridge Operators	102		262,066	221,363	2,569	0.845	2,170
63. Signalmen or Watchmen at Crossings, non-interlocked	574		1,464,778	921,601	2,552	0.629	1,606
64. Yardmasters and Assistants	677	D	210,823	2,296,669	311	10.894	3,392
65. Switch Tenders	400	D	133,517	885,556	334	6.633	2,214
66. Hostlers	644	D	212,003	1,558,180	329	7.350	2,420
67. Road Passenger Conductors	854		2,229,067	3,319,211	2,673	1.499	3,390
68. Road Freight Conductors	2,544		7,409,934	9,471,946	2,913	1.278	3,723
69. Road Passenger Brakemen, Baggage-men and Flagmen	1,841		4,903,602	5,680,968	2,664	1.159	3,086
70. Road Freight Brakemen and Flagmen	5,826		15,080,580	16,069,394	2,538	1.063	2,758
71. Yard Conductors and Yard Foremen	1,697		4,644,176	5,127,802	2,737	1.104	3,022
72. Yard brakemen and Helpers	3,678		9,760,763	10,119,050	2,654	1.037	2,751
73. Road Passenger Engineers and Motormen	1,014		2,409,793	4,721,604	2,377	1.959	4,656
74. Road Freight Engineers and Motormen	3,441		9,157,785	13,234,572	2,661	1.448	3,355
75. Yard Engineers and Motormen	1,457		4,600,977	5,224,816	3,158	1.136	3,586
76. Road Passenger Firemen and Helpers	983		2,337,730	3,719,386	2,378	1.591	3,784
77. Road Freight Firemen and Helpers	3,630		9,135,205	10,479,039	2,517	1.147	2,887
78. Yard Firemen and Helpers	1,471		4,568,790	4,255,567	3,106	0.931	2,893
Total	8,195	D	2,739,244	17,354,415	334	6.335	2,118
(Daily basis)	47,652		124,189,507	131,977,437	2,606	1.063	2,770
(Hourly basis)							
Total	55,847		-	149,331,852	-	-	2,674
79. Express Department	3,957	D	1,250,068	8,421,796	316	6.737	2,128
80. Communication Department	7,130		17,016,883	13,429,253	2,387	0.789	1,883
81. Employees Engaged in Outside Operations	6,570		16,269,105	10,951,675	2,476	0.673	1,667
GRAND TOTAL	40,736	D	12,822,315	93,863,187	315	7.320	2,304
(Daily basis)	139,647		344,372,452	302,993,714	2,466	0.880	2,170
(Hourly basis)							
Total 1946 (2)	180,383		-	396,856,901	-	-	2,200
82. Total number of Female Employees (monthly average)	11,263		-	-	-	-	-
83. Total pay roll charged to operating expenses	-		-	360,442,472	-	-	-
84. Pullman, Bridge and Tunnel Companies (Daily basis)	141	D	51,502	386,028	365	7.495	2,736
(Hourly basis)	90		258,090	181,304	2,868	0.702	2,014
Total	231		-	567,332	-	-	2,456

(1) Average of counts made each month.

(2) Includes \$6,342,092 for employees domiciled outside of Canada.



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Table with multiple columns and rows, containing statistical data. The text is very faint and difficult to read, but appears to be a structured data table.