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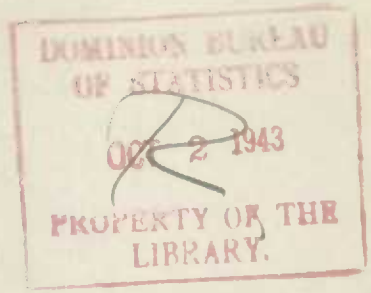
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CANADA

DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

TRANSPORTATION BRANCH



PRELIMINARY REPORT

ON

STATISTICS OF STEAM RAILWAYS

IN

CANADA

1942



OTTAWA
1943

Price 10 cents

DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

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Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

PRELIMINARY REPORT

ON

STATISTICS OF STEAM RAILWAYS

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One effect of the war on the railways has been to raise the revenues to the highest point in their history. Total operating revenue amounted to \$663,610,570 which was \$296,431,475, or 81 per cent, greater than the 1939 revenue. Freight revenue increased by \$216,960,590, or 76 per cent, and passenger traffic showed even greater rates of increase. Passenger revenues were larger than in 1939 by 155 per cent, sleeping car revenues increased by 122 per cent, parlour and chair car revenues by 108 per cent, express by 40.8 per cent, and even milk revenue increased by 25 per cent. Revenue from dining and buffet service increased from \$1,819,988 to \$5,825,211, or by 220 per cent, and hotel and restaurant revenues increased by 112 per cent. Mail revenue increased by only \$617,554, or 8.6 per cent.

Operating expenses increased from \$504,373,285 in 1939 to \$485,785,584, or by \$181,410,299 or 60 per cent. These operating expenses for 1942 include \$16,985,000 for maintenance of way and structures and of equipment which accrued but was not expended because of inability to secure the necessary materials and labour and the Canadian National Railway charged to operating expenses \$5,859,471 to offset increases in inventory values which it is anticipated will decline at the termination of the war.

Deferred maintenance charged to operating expenses in 1941 amounted to \$4,000,000, making the total accumulated fund at December 31, 1942, \$20,985,000, or 16.3 per cent of the total maintenance charges for 1939.

Taxes increased to \$34,886,660, an increase over 1941 of \$9,841,249, or 39 per cent, and an increase over 1939 taxes of \$24,884,376, or 249 per cent. These taxes do not include the refundable portion of the Dominion income and excess profits tax which was treated by the railways as an investment and carried in the general balance sheet as a deferred asset. For 1942 this asset amounted to \$269,271. Interest on funded and unfunded debt was reduced during the

year by \$2,446,449, or 3.1 per cent.

The miles of railway operated was reduced during the year by 102.7 miles. Freight traffic was heavier than in 1939 by 50,043,415 tons, or 59 per cent, and by 24,689,581,000 ton miles, or 78 per cent, for an increase in freight train miles of only 48 per cent.

As freight traffic increased delays to loading and unloading of freight increased at accelerated rates as indicated by the demurrage revenues in relation to car loadings and freight loadings and unloadings exclusive of merchandise.

	Demurrage Revenue	Car Loadings	Revenue Freight Loaded and Unloaded
	\$	Cars	Tons
1939	305,908	1,902,417	117,581,654
1940	504,850	2,139,835	156,171,690
Per cent increase over 1939	68	13	16
1941	1,151,647	2,455,747	160,840,655
Per cent increase over 1940	124	15	18
1942	2,807,794	2,655,065	177,465,185
Per cent increase over 1941	148	7	10

Passenger traffic increased over 1939 by 27,114,806 passengers, or 153 per cent, and by 3,257,525,000 passenger miles, or 185 per cent. Excluding 11,468,219 commuters working in war plants outside of Montreal in 1942 and 144,512,000 passenger miles for them, the increase over 1939 traffic was 78 per cent in passengers carried and 176 per cent in passenger miles for an increase in total train miles including commuter trains of only 18 per cent and an increase in total passenger train car miles of 53 per cent.

The number of employees (average of 12 monthly counts) increased from 129,362 in 1939 to 157,740, or by 22 per cent, and the pay roll increased from \$200,575,668 to \$291,416,755, or by 45 per cent.

Each class of employee showed increases in average annual wages over 1939 wages and smaller increases in average hours worked. The increases in wages were due to cost-of-living

bonus and longer hours including overtime. Shifting dining and sleeping car employees from the hourly basis group to the daily basis group reduced the average annual wage of this latter group under "Transportation" although each class showed increases in wages. The wages of these employees which do not include tips paid by the public are below the average of all transportation employees. Consequently they reduce whichever group in which they are included.

Next to executives, general officers and assistants whose average salary increased from \$6,648 in 1939 to \$7,133, or by 7.3 per cent, road passenger engineers showed the highest average annual wage of \$3,890, an increase over 1939 average of 9.1 per cent for an increase in hours worked from 2,121 to 2,177, or 2.6 per cent.

The method used in counting employees gives approximately the number of full time positions and consequently the average annual wages are for full time employment and do not necessarily represent actual wages earned. They are computed on the same basis each year and are comparable from year to year.

Coal consumed by locomotives increased from 6,866,202 tons in 1939 to 10,613,774 tons or by 55 per cent, and fuel oil consumption increased from 47,139,196 to 71,890,235 gallons or by 52 per cent. The increase in bituminous coal was practically all United States coal.

TABLE 1.

INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1942.

No.	Name of Railway	Total Operating Revenues	Total Operating Expenses	Net Operating Revenues	Railway Tax Accruals	Net Operating Income
		\$	\$	\$	\$	\$
1.	Algoma Central and Hudson Bay	4,185,821	3,059,005	1,124,816	115,257	1,009,579
2.	Alma and Jonquiere	141,262	126,394	14,868	3,128	11,742
3.	British Yukon	1,166,700	242,403	924,297	572,814	551,483
4.	Canada and Gulf Terminal	209,662	149,199	60,463	2,180	58,283
5.	Canada Southern (Lessee N.Y.C.)	21,048,837	12,293,984	8,754,853	2,374,798	6,380,055
6.	Canadian National	332,199,961	256,774,568	75,425,393	3,171,057	72,254,336
7.	Canadian Pacific	258,788,455	183,755,422	75,033,033	24,920,980	50,112,053
8.	Central Vermont	416,908	240,981	175,927	1,137	174,790
9.	Cumberland	198,392	143,969	54,423	2,592	51,831
10.	Essex Terminal	603,501	415,480	188,021	11,653	176,168
11.	Greater Winnipeg Water District	73,428	82,393	Dr. 8,965	...	Dr. 8,965
12.	Hudson Bay	946,063	704,821	241,242	5,456	235,787
13.	Maine Central	17,193	15,704	1,489	1,417	72
14.	Maritime Coal, Railway and Power Co.	189,830	78,515	111,315	32,093	79,222
15.	Midland Railway of Manitoba	396,613	392,313	4,300	19,799	Dr. 15,499
16.	Morrissey, Fernie and Michel	49,776	45,493	4,283	1,803	2,480
17.	Napierville Junction	863,427	404,167	459,260	238,360	220,900
18.	Nelson and Fort Sheppard	123,579	173,659	Dr. 50,080	27,264	Dr. 77,544
19.	Northern Alberta	6,773,445	3,420,658	3,352,787	49,084	3,303,703
20.	Ottawa and New York	193,466	242,556	Dr. 49,090	15,872	Dr. 64,962
21.	Pacific Great Eastern	657,346	670,158	Dr. 12,812	2,545	Dr. 15,357
22.	Pere Marquette	7,793,694	4,037,336	3,756,358	1,358,713	2,397,645
23.	Quebec Railway, Light and Power Co.	571,696	564,653	7,043	19,584	Dr. 12,541
24.	Roberval and Saguenay	2,192,425	682,995	1,509,430	809,369	700,061
25.	St. Lawrence and Adirondack	949,527	871,779	77,748	8,692	69,056
26.	Sydney and Louisburg	1,565,136	1,403,506	161,630	6,491	155,139
27.	Temiscouata	326,408	306,474	19,934	4,684	15,250
28.	Temiskaming and Northern Ontario	6,322,295	4,633,747	1,688,548	3,631	1,684,917
29.	Thousand Islands	53,094	40,656	12,438	381	12,057
30.	Toronto, Hamilton and Buffalo	3,597,162	1,944,856	1,652,306	874,656	777,650
31.	Toronto Terminals	564,625	892,090	Dr. 327,465	206,922	Dr. 554,587
32.	Vancouver, Victoria and Eastern	939,265	742,631	196,634	229,836	Dr. 33,202
33.	Wabash (in Canada)	9,493,578	6,231,019	3,262,559	979	3,261,580
34.	Total 1942	663,610,570	485,783,584	177,826,986	54,886,660	142,935,582
35.	Total 1941	558,291,947	403,733,542	154,558,405	25,045,411	109,512,994
36.	Canadian National (Canada & U.S.)	375,654,543	288,998,674	86,655,869	6,020,141	80,635,728

∧ Includes taxes on the Lake Erie and Detroit River Railway Company amounting to Cr. \$6,744.

x Includes interest on \$502,856,461 Dominion Government loans \$14,032,635.

xx Represents all divisions of the company.

INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1942.

No.	Net Income from Outside Operations	Total Net Operating Income	Gross Corporate Income	Interest on Funded and Unfunded Debt	All other Non-operating Expenses	Total Non-operating Expenses	Net Corporate Income
	\$	\$	\$	\$	\$	\$	\$
1.	...	1,009,579	1,106,556	515,425	196,065	711,490	394,866
2.	...	11,742	19,491	...	13,025	13,025	6,466
3.	...	551,483	610,699	157,661	22,020	179,681	431,018
4.	...	58,283	62,586	57,000	...	57,000	5,586
5.	...	6,580,055	6,784,421	101,580	3,965,075	4,066,655	2,717,766
6.	569,723	72,824,059	86,643,789	x 48,699,931	10,661,360	59,361,291	27,282,498
7.	3,623,323	53,735,376	67,576,514	19,164,480	8,057,767	27,222,247	40,354,267
8.	...	174,790	190,471	55,461	28,604	64,065	126,406
9.	...	51,851	51,851	...	2,092	2,092	49,739
10.	...	176,168	179,661	13,800	55,361	69,161	110,500
11.	...	Dr. 8,965	Dr. 8,965	...	3,605	3,605	Dr. 12,570
12.	...	235,787	247,430	...	227,608	227,608	19,822
13.	...	72	152	...	88	88	64
14.	...	79,222	80,792	2,044	13,516	15,560	65,232
15.	...	Dr. 15,499	7,225	...	123,057	123,057	Dr. 115,832
16.	...	2,480	2,480	...	...	...	2,480
17.	...	220,900	233,091	...	116,718	116,718	116,373
18.	...	Dr. 77,344	Dr. 76,966	...	11,790	11,790	Dr. 88,756
19.	541	3,304,244	3,462,395	1,444,906	2,034,634	3,479,540	Dr. 17,145
20.	...	Dr. 64,962	Dr. 57,595	844	24,972	25,816	Dr. 83,411
21.	5,799	Dr. 9,558	2,190	3,943,702	Cr. 306,952	3,636,750	Dr. 3,634,560
22.	...	2,397,645	2,556,429	181,866	1,379,731	1,561,597	994,832
23.	...	Dr. 12,541	14,504	xx 833	13,671	14,504	...
24.	...	700,061	713,166	93,100	234,865	327,965	385,201
25.	...	69,056	76,536	53,087	212,880	265,967	Dr. 189,431
26.	...	155,139	155,139	...	563,356	563,356	Dr. 408,217
27.	...	15,250	15,756	...	10,553	10,553	5,203
28.	...	1,684,917	1,790,215	222,240	278,085	500,325	1,289,890
29.	...	12,057	12,830	10,708	...	10,708	2,122
30.	...	777,650	1,563,338	204,249	250,921	455,170	1,108,168
31.	...	Dr. 534,387	1,313,582	1,282,673	30,909	1,313,582	...
32.	...	Dr. 33,202	242,066	...	363,091	363,091	Dr. 121,026
33.	...	3,281,580	3,261,580	...	770,177	770,177	2,491,403
34.	4,189,386	147,132,968	178,833,189	76,185,590	29,358,644	105,544,234	73,288,955
35.	4,316,113	113,829,107	142,992,819	78,632,039	23,956,846	102,588,885	40,403,934
36.	569,723	81,205,451	89,964,918	x 49,174,210	13,508,210	62,682,420	27,282,498

TABLE 2

TRAIN MILEAGE FOR THE YEAR ENDED DECEMBER 31, 1942.

No.	Name of Railway	Miles of Road Operated		Mileage of Revenue Freight Trains ♢	Mileage of Revenue Passenger Trains ♢	Total Revenue Train Mileage ♢	Mileage of Non-revenue Trains ♢
		At December 31 X	Average during Year /				
1.	Algoma Central and Hudson Bay	320.8	321.8	522,197	...	522,197	26,458
2.	Alma and Jonquiere	10.8	10.6	18,786	...	18,786	...
5.	British Yukon	90.3	90.3	52,536	1,202	55,538	1,174
4.	Canada and Gulf Terminal	58.1	58.1	20,566	58,102	58,668	...
5.	Canada Southern (Lessee N.Y.C.)	570.0	570.3	1,715,345	1,599,405	3,314,748	57,020
6.	Canadian National	21,582.6	21,788.6	37,960,358	20,696,042	58,656,580	1,502,009
7.	Canadian Pacific	16,564.3	17,076.9	31,279,216	19,078,090	50,557,306	666,899
8.	Central Vermont	25.3	25.3	22,392	37,008	59,400	419
9.	Cumberland	31.3	31.3	31,817	...	31,817	...
10.	Essex Terminal	21.3	21.3	22,655	...	22,655	...
11.	Greater Winnipeg Water District	92.0	92.0	...	...	...	...
12.	Hudson Bay	510.1	510.1	131,682	32,132	163,814	17,032
12a.	International Bridge & Terminal Co.	1.1	1.1	...	...	...	...
15.	Maine Central	5.1	5.1	3,364	...	3,364	...
14.	Maritime Coal, Railway & Power Co.	12.2	12.2	21,344	1,044	22,388	...
15.	Midland Railway of Manitoba	5.7	75.5	48,374	102,560	150,934	...
16.	Morrissey, Fernie and Michel	5.4	5.4	11,814	...	11,814	...
17.	Napierville Junction	27.1	41.7	58,355	95,428	155,783	160
18.	Nelson and Fort Sheppard	54.8	60.8	23,001	...	23,001	2,245
19.	Northern Alberta	922.7	927.6	795,523	206,844	1,002,367	50,742
20.	Ottawa and New York	57.3	58.0	26,982	37,347	64,329	...
21.	Pacific Great Eastern	347.8	347.8	92,977	34,845	127,822	18,622
22.	Pere Marquette	198.8	319.0	1,163,789	791	1,164,580	8,913
23.	Quebec Railway, Light & Power Co.	25.4	25.4	25,538	288,853	314,391	3,950
24.	Roberval and Saguenay	29.0	29.0	64,517	...	64,517	...
25.	St. Lawrence and Adirondack	46.6	60.7	69,298	136,438	205,736	1,455
26.	Sydney and Louisburg	70.3	70.3	148,659	33,211	181,870	...
27.	Temiscouata	101.1	112.8	47,316	50,546	97,862	2,387
28.	Temiskaming and Northern Ontario	574.0	574.0	803,760	570,215	1,373,975	47,176
29.	Thousand Islands	4.5	4.5	5,760	14,570	20,330	...
30.	Toronto, Hamilton and Buffalo	103.6	111.0	157,554	165,158	322,712	5,894
31.	Toronto Terminals	3.2	3.2	...	...	...	...
31a.	Van Buren Bridge	0.3	0.3	...	...	...	...
32.	Vancouver, Victoria and Eastern	85.9	86.8	58,363	52,165	110,528	1,670
33.	Wabash (in Canada)	...	245.4	1,677,263	...	1,677,263	785
34.	Total 1942	42,338.6	42,379.6	77,080,637	43,271,994	120,352,631	2,414,958
35.	Total 1941	42,441.3	42,475.9	72,847,697	39,947,184	112,794,881	1,991,021
36.	Canadian National (Canada & U.S.)	23,265.7	23,494.2	42,720,204	22,597,896	65,318,100	1,547,104

X Track operated under trackage rights excluded.

/ Track operated under trackage rights included for each railway but excluded in total.

♢ Includes mileage of both locomotive and motor unit car drawn trains.

TONS AND PASSENGERS CARRIED AND CAR MILEAGE FOR THE YEAR ENDED DECEMBER 31, 1942.

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.	1,622,779	227,746,576	47,505	3,148,600	5,999,989	3,255,521	396,675	3/10,052,189	447,250
2.	244,410	2,688,510	7,203	79,233	84,853	66,363	...	151,196	4,664
3.	68,372	5,503,851	11,707	822,565	488,750	399,598	1,174	689,302	128,229
4.	165,588	3,569,618	58,694	802,178	191,589	126,352	20,566	358,507	38,102
5.	11,346,651	1,755,541,747	1,047,055	172,784,677	69,248,220	34,602,416	1,838,669	105,669,305	22,105,915
6.	60,707,378	27,956,509,988	29,088,465	2,578,792,423	1,000,042,519	445,879,694	59,505,270	1,485,227,285	194,355,272
7.	47,972,082	22,760,290,000	13,456,943	2,097,052,000	771,671,991	363,285,604	33,702,583	1,168,657,978	165,825,686
8.	1,297,692	31,055,568	122,807	2,892,110	1,074,689	334,725	22,778	1,432,190	323,088
9.	680,856	3,863,045	4,450	60,936	68,205	68,205	8,394	144,804	23,197
10.	1,556,484	6,782,420	...	...	255,890	197,150	12,000	465,040	...
11.	134,496	...	8,248	389,636	...	...	...	...	...
12.	110,841	37,306,448	13,569	4,405,190	2,120,948	1,764,851	185,868	4,071,687	675,220
12a.	...	...	...	...	...	...	...	...	...
13.	196,620	1,002,762	94	479	31,727	28,420	204	60,351	3,160
14.	529,857	3,094,978	11,314	92,932	102,659	70,481	...	178,140	11,718
15.	125,204	8,963,155	73,861	3,850,661	494,143	237,009	49,645	780,797	600,050
16.	197,385	1,059,957	...	...	35,323	35,323	...	70,646	...
17.	2,464,888	66,457,052	162,270	5,496,490	1,591,022	1,234,184	56,700	2,881,906	562,425
18.	70,788	3,953,484	5	131	120,492	87,177	25,500	232,969	120
19.	913,855	277,116,163	155,778	29,057,953	13,504,228	8,311,765	850,580	22,866,573	2,546,565
20.	208,460	10,434,646	41,032	1,313,685	303,455	192,389	27,124	522,948	123,133
21.	75,542	13,306,634	27,580	2,022,808	693,472	446,792	30,071	4/ 1,292,652	390,257
22.	5,054,902	969,320,266	6,058	93,602	35,552,757	17,118,588	1,204,324	53,875,469	98,436
23.	303,689	6,087,765	1,858,131	18,451,048	215,913	158,636	24,410	398,959	575,028
24.	1,328,910	22,188,681	51,552	1,005,442	301,700	452,767	51,398	1,005,865	25,727
25.	1,491,704	42,606,095	407,180	8,040,176	1,280,301	1,334,711	74,680	2,689,672	555,832
26.	4,312,115	62,376,816	14,292	266,494	1,456,050	1,456,244	119,307	3,011,601	104,512
27.	175,175	6,511,941	28,125	993,403	286,618	188,143	29,511	504,270	162,641
28.	2,001,621	411,322,973	429,628	40,378,900	16,724,383	7,051,772	804,493	24,580,648	4,180,154
29.	2/	173,310	6,830	30,803	11,845	4,570	...	16,415	14,570
30.	3,622,337	133,108,367	410,693	14,170,679	3,792,919	2,013,622	121,006	5,927,547	830,238
31.	...	...	...	...	...	...	...	...	...
31a.	...	...	...	...	...	...	...	...	...
32.	740,517	25,239,959	85,733	2,840,664	813,064	638,092	34,183	1,505,339	306,193
33.	6,325,048	1,301,435,759	2/	2/	52,955,263	30,263,706	1,646,523	84,865,492	93,333
34.	5/154,674,637	56,154,577,532	47,596,602	4,989,295,894	1,981,714,335	919,282,450	80,863,014	2,982,162,300	(1) 895,118,691
35.	5/116,808,091	49,982,467,028	29,779,241	3,205,541,530	1,850,578,333	933,861,978	75,701,837	2,860,918,833	337,144,753
36.	71,545,237	31,729,323,493	30,363,290	2,707,890,246	1,139,115,763	521,091,528	43,158,917	6/ 1,706,893,429	7/ 209,228,323

1/ Includes Motor Unit Car Miles - 2,019,878 miles as motive power, 68,100 miles as trailers in motor unit car trains and 10,860 miles in locomotive drawn trains.
 2/ Included in Canadian National Railways.
 3/ Includes 379,984 miles in non revenue service.
 4/ Includes 122,517 " " " " " "
 5/ Duplications excluded.
 6/ Includes 3,529,223 miles in non revenue service.
 7/ Includes 48,400 " " " " " "

TABLE A.

EMPLOYEES AND THEIR COMPENSATION FOR THE YEAR ENDED DECEMBER 31, 1942.

No.	Division	Average Number of Employees	Total Hours on on Duty (D - Days)	Total Salaries and Wages	Hours Worked (D - Days)	Salaries and Wages	
						Per Hour (D - Days)	Per Year
GENERAL AND MISCELLANEOUS							
				\$		\$	\$
1.	Executives, general officers and assistants	516	D 156,543	3,680,580	D 303	D 23.512	7,133
2.	Division officers	927	D 297,692	3,483,785	D 321	D 11.703	3,758
3.	Assistant engineers and draftsmen	572	D 171,829	1,381,024	D 300	D 8.037	2,414
4.	Other miscellaneous officials	1,183	D 351,972	3,709,138	D 298	D 10.538	3,135
5.	Clarks	15,375	D 4,317,415	27,045,863	D 310	D 5.500	1,704
6.	Telephone switchboard operators	216	D 63,207	241,695	D 293	D 3.824	1,119
7.	Office boys, messengers, attendants and misc. trades workers	1,325	D 407,104	1,188,412	D 307	D 2.919	897
8.	Janitors and cleaners	1,313	D 339,161	1,170,909	D 258	D 3.452	892
	Total	21,325	D 6,704,321	41,901,208	D 306	D 6.249	1,911
MAINTENANCE OF WAY AND STRUCTURES							
9.	Bridge and Building department foremen	493	D 153,975	1,048,730	D 312	D 6.811	2,127
10.	Carpenters and bridgemen	2,191	5,382,965	3,716,549	2,457	0.690	1,696
11.	Blacksmiths, pipe fitters, plumbers, tinmiths & pump repairers	329	848,488	691,318	2,579	0.815	2,101
12.	Masons, bricklayers, plasterers and painters	408	963,384	679,341	2,361	0.705	1,665
13.	Helpers, B. and B. department	290	694,227	406,381	2,394	0.585	1,401
14.	Apprentices, B. and B. department	...	...	...	...	...	...
15.	Pile driver, ditching, hoist and steam shovel employees	387	1,179,883	872,968	3,049	0.740	2,256
16.	Foremen	402	1,086,913	615,736	2,704	0.555	1,532
17.	Extra gang and snow plough foremen	354	1,051,466	864,302	2,970	0.822	2,442
18.	Signal foremen	48	D 14,962	137,824	D 312	D 9.212	2,871
19.	Section foremen	5,802	15,073,588	10,306,853	2,598	0.684	1,776
20.	Sectionmen	16,321	40,548,465	20,583,571	2,191	0.508	1,251
21.	Labourers	8,733	22,984,324	9,435,195	2,632	0.411	1,080
22.	Foremen - Linemen	33	D 11,616	85,341	D 352	D 7.347	2,586
23.	Telegraph and telephone linemen and groundmen	56	122,995	89,654	2,196	0.729	1,601
24.	Signal and interlocker maintainers and repairmen	488	1,324,763	990,018	2,715	0.747	2,029
	Total	35,761	91,261,461	49,251,886	2,552	0.540	1,377
	(Daily Basis)	574	D 180,553	1,271,895	D 315	D 7.044	2,216
	Total	36,335	...	50,523,781	...	...	1,390
MAINTENANCE OF EQUIPMENT							
25.	General Foremen	61	D 19,295	210,024	D 316	D 10.885	3,443
26.	Department and gang foremen	2,166	D 698,782	5,818,693	D 323	D 8.327	2,686
27.	Blacksmiths	656	1,527,263	1,353,780	2,328	0.886	2,064
28.	Boilermakers	1,112	2,704,856	2,478,421	2,432	0.916	2,222
29.	Carmen (a)	2,098	4,765,458	4,479,881	2,271	0.940	2,135
30.	Carmen (b)	490	1,068,203	993,487	2,180	0.930	2,028
31.	Carmen (c)	5,502	13,384,590	11,109,388	2,433	0.830	2,019
32.	Carmen (d)	244	547,252	463,247	2,243	0.846	1,899
33.	Electrical workers	819	2,104,652	1,748,520	2,570	0.831	2,155
34.	Machinists	4,006	9,701,136	8,747,652	2,422	0.902	2,181
35.	Moulders	126	285,153	272,452	2,263	0.955	2,162
36.	Pipe Fitters and sheet metal workers	1,021	2,371,221	2,157,482	2,322	0.910	2,113
37.	Helpers to mechanics	6,715	16,691,571	10,959,997	2,416	0.657	1,652
38.	Helper apprentices	20	35,412	23,374	1,771	0.660	1,169
39.	Regular apprentices	1,485	3,373,891	1,583,956	2,272	0.469	1,067
40.	Car cleaners	1,570	3,790,130	1,992,517	2,414	0.526	1,229
41.	Other unskilled employees	3,700	9,177,909	4,721,476	2,481	0.514	1,276
42.	Unclassified labourers	2,509	6,076,648	2,863,859	2,422	0.471	1,141
43.	Stationary engineers, firemen and oilers	885	2,294,390	1,518,489	2,593	0.662	1,716
	Total	32,958	79,338,735	57,467,980	2,424	0.719	1,744
	(Daily Basis)	2,227	D 718,077	6,028,717	D 322	D 8.396	2,707
	Total	35,185	...	63,496,697	...	...	1,305

<u>TRANSPORTATION</u>										
44.	Inspectors and sergeants of police	186	D	60,799	467,703	D	327	D	7.693	2,515
45.	Constables and policemen	1,281	D	433,045	1,957,055	D	338	D	4.519	1,528
46.	Storekeepers	250	D	78,257	570,245	D	313	D	7.287	2,281
47.	Storemen	1,812		4,151,352	2,445,530		2,291		0.589	1,350
48.	Train despatchers and traffic supervisors	571		1,453,636	1,924,759		2,546		1.524	3,371
49.	Supervisory agents and assistants	516		1,339,787	1,351,710		2,596		1.009	2,620
50.	Station agents - non-telegraphers (small stations)	153		396,628	174,748		2,592		0.441	1,142
51.	Station agents - telegraphers and telephoners	5,258		13,910,960	11,324,719		2,646		0.614	2,154
52.	Signalmen (non-telegraphers) at interlockers	261		683,819	439,086		2,620		0.642	1,682
53.	Foremen in freight sheds	448		1,162,878	920,652		2,596		0.792	2,055
54.	Freight handlers and other station employees	5,368		12,503,462	7,379,332		2,329		0.590	1,375
55.	Labourers	863		2,339,707	1,141,718		2,711		0.488	1,323
56.	Dining car and restaurant inspectors, conductors and stewards	341	D	130,902	713,656	D	384	D	5.452	2,093
57.	Dining car and restaurant helpers and attendants	2,376	D	865,653	2,996,368	D	364	D	3.461	1,261
58.	News agents	172	D	51,364	275,089	D	299	D	5.356	1,599
59.	Floating equipment employees	753		2,453,651	1,149,282		3,259		0.468	1,526
60.	Sleeping and parlour car inspectors and conductors	189	D	74,800	469,451	D	396	D	6.269	2,484
61.	Sleeping and parlour car porters	1,180	D	449,554	1,594,487	D	381	D	3.547	1,351
62.	Drawbridge operators	95		250,209	161,915		2,634		0.647	1,704
63.	Signalmen or watchmen at crossings (non-interlocked)	549		1,425,736	687,118		2,597		0.482	1,252
64.	Yardmasters and assistants	485	D	158,467	1,532,988	D	327	D	9.674	3,161
65.	Switch tenders	391	D	130,324	703,405	D	333	D	5.397	1,799
66.	Hostlers	494	D	173,224	1,056,450	D	351	D	6.099	2,139
67.	Road passenger conductors	1,022		2,546,245	3,489,591		2,491		1.370	3,414
68.	Road freight conductors	2,078		5,816,728	6,748,845		2,799		1.160	3,248
69.	Road passenger brakemen, baggagemen and flagmen	1,752		4,012,109	4,231,242		2,290		1.055	2,215
70.	Road freight brakemen and flagmen	5,131		13,311,648	12,569,282		2,594		0.944	2,450
71.	Yard conductors and yard foremen	1,520		4,075,406	3,863,827		2,681		0.948	2,542
72.	Yard brakemen and helpers	3,238		8,467,635	7,471,501		2,615		0.882	2,507
73.	Road passenger engineers and motormen	982		2,138,177	3,819,829		2,177		1.786	3,890
74.	Road freight engineers and motormen	2,948		8,236,627	10,981,412		2,794		1.333	3,725
75.	Yard engineers and motormen	1,321		4,024,141	3,899,373		3,046		0.969	2,952
76.	Road passenger firemen and helpers	975		2,111,312	2,921,219		2,165		1.384	2,996
77.	Road freight firemen and helpers	3,214		8,246,065	8,521,067		2,566		1.033	2,651
78.	Yard firemen and helpers	1,353		4,033,846	3,107,819		2,981		0.770	2,297
	Total (Hourly Basis)	42,181		109,091,764	100,725,576		2,586		0.923	2,388
	(Daily Basis)	7,345	D	2,606,469	12,336,897	D	355	D	4.733	1,680
	Total	49,526		...	113,062,473		...		...	2,283
79.	Express department	2,759	D	844,752	4,805,562	D	308	D	5.689	1,742
80.	Communication department	6,323		16,154,698	9,780,507		2,535		0.605	1,547
81.	Employees engaged in outside operations	5,687		15,182,934	7,846,530		2,670		0.517	1,380
	GRAND TOTAL (Hourly Basis)	122,910		311,590,592	225,072,479		2,535		0.722	1,831
	(Daily Basis)	34,850	D	11,054,772	66,344,276	D	317	D	6.001	1,905
	Total 1942 /	157,740		...	291,416,755		...		...	1,847
82.	Total number of female employees (monthly average)	7,121		...	...		...		...	...
83.	Total pay roll charged to operating expenses	...		...	262,981,536		...		...	...
84.	Pullman, bridge and tunnel companies (Hourly Basis)	55		163,105	95,967		2,966		0.578	1,708
	(Daily Basis)	120	D	43,806	235,593	D	365	D	5.376	1,963
	Total	175		...	329,560		...		...	1,885

(1) Average of counts made each month.

/ Includes \$4,952,951 for 2,252 employees domiciled outside of Canada.

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