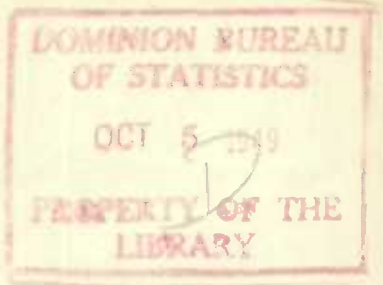


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Government of Canada

**PRELIMINARY REPORT**  
**ON**  
**STATISTICS OF STEAM RAILWAYS**  
**IN**  
**CANADA**  
**1948**



DOMINION BUREAU OF STATISTICS  
DEPARTMENT OF TRADE AND COMMERCE

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**PRELIMINARY REPORT**  
**ON**  
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Minister of Trade and Commerce

Prepared in the Transportation Division,  
Dominion Bureau of Statistics, Ottawa

PRELIMINARY REPORT

ON STATISTICS OF

STEAM RAILWAYS

1 9 4 8

Canadian railways reported operating revenues of \$875,852,290 for 1948, an increase of \$90,654,570 or 11.5 p.c. over 1947 to establish an all time high and is some \$79,196,000 or 9.9 p.c. above the previous record in 1944. Increased freight rates were largely responsible for the peak earnings. This maximum is 2.4 times the 1939 level and 2.6 times 1938 revenues. However, expenses sparked by increases in wages and material costs jumped from \$690,821,047 in 1947 to \$808,126,455, up 17 p.c. or \$117,305,408. This is a record which compares with \$304,373,285 in 1939 and \$295,705,658 in 1938. The advance in expenses in 1948 over 1947 exceeded that in revenues by \$26,651,000. Consequently the difference between operating revenues and expenses shows net revenues on operations of \$67,705,835 against \$94,356,873 in 1947 and \$161,862,765 in 1944. Railway taxes were reduced from \$26,342,165 in 1947 to \$19,695,551 in the year under review, while hire of equipment and joint rentals eased \$557,629 to \$14,847,628. Net operating income was thus \$33,162,676 compared with \$52,629,451 in the preceding year. Fifteen of the 32 railways in Canada suffered deficits on operations during 1948, a year of reasonable prosperity and high employment. Charges for services did not keep pace with rising costs. Fortunately, non-operating income improved from \$40,428,737 to \$42,612,827 with Canadian Pacific showing \$27,305,560 under this heading, mostly from the Consolidated Mining and Smelting Company. Interest payments totalled \$65,901,400 during the year, down slightly from \$66,106,580 in 1947, while all other non-operating expenses rose from \$8,801,911 to \$12,169,840. Total interest required for the entire Canadian National system was \$45,112,564, including U. S. lines.

Net corporate income of all railways registered a deficit of \$2,295,737 for 1948 against a credit of \$18,149,697 in 1947. Eighteen of the 32 lines showed some net corporate income totalling \$38,736,443, while thirteen had losses of \$41,032,180. United States lines operating in Canada had credits of \$7,615,212 for 1948 against debits of \$1,529,797 or a net of \$6,085,415, compared with a revised net of \$4,909,297 in 1947. The United States segment of the Canadian National showed a deficit of \$21,857 compared with a net income of \$88,045 in 1947.

Single track mileage operated at the end of the year totalled 42,248 miles, a decrease of some 74 miles from 1947, mainly in Saskatchewan and Alberta. Total revenue train mileage advanced 1.4 p.c. from 127,745,290 miles in 1947 to 129,500,185 miles in the year under review. Freight train revenue mileage increased 1,021,052 miles to 83,398,617 miles, while that of passenger trains was 46,101,568 miles against 45,367,725 miles in 1947.

Revenue freight tons carried, excluding duplications, rose from 152,855,820 to 154,932,804 tons, or by 1.36 p.c. over 1947, but ton miles were down from 60.1 to 59.1 billion.

The number of passengers carried continued to decline from the war time peaks and 58,279,981 were recorded for 1948 compared with 40,941,387 passengers one year earlier, a decrease of 6.5 p.c., while passenger revenues eased 4.9 p.c. Passenger mileage declined 6.8 p.c. from 1947 indicating shorter average journeys. The ratio of loaded freight car miles to empty car miles showed improvement at 2.370 to 1 during 1948 against 2.307 in the preceding year.

Railway employees, including express and communication departments and outside operations, numbered 189,963, an increase of 3 p.c., or 5,548 over 1947, while total salaries and wages jumped from \$429,843,142 to \$512,054,795, a gain of 19.1 p.c. The number of employees is the average based on counts made each month, and represents approximately the number of full-time positions and not merely the count of all persons whose names appeared on the pay rolls during the year. Thus, an employee working only half a year is counted as half an employee. Total pay roll, however, is the total money paid, including retroactive pay, but is exclusive of commissions paid to some express and telegraph employees. It does not include the value of meals, accommodation, uniforms and other supplies, services and privileges supplied to employees. The express and telegraph facilities of the Canadian Pacific Railway Company are separately incorporated companies and their employees are not included with railway employees.

Average yearly wages paid in each class appearing in Table 3 were calculated by dividing total wages paid for the class by the average of the counts of employees made monthly. For classes which fluctuate considerably, counts were made by the larger systems four times each month. The daily or hourly averages were computed by dividing the total wages for the group by total time worked, and consequently are true weighted averages. Rates were calculated to the nearest cent, while annual earnings were to the nearest dollar.

The average salary or wages received by the 189,963 employees ranging from top executive to apprentice was \$2,696 in 1948 against \$2,331 one year earlier, an average increase of 15.66 p.c., or \$365, and places railway employees as a group among the highest paid in Canada. The number of female employees continued to decline from the war time emergency peak of 13,640 in 1945, and totalled 10,099 against 10,376 in 1947. In 1939 females numbered 4,798.



Average wages paid to the general and miscellaneous group continue to rise from \$2,438 in 1947 to \$2,787 in the year under review. Employees in this group increased by 515 to 26,480. Wages of maintenance of way and structures employees rose from \$69,543,804 to \$85,766,052, with numbers up 1,461 to 39,224 and average earnings \$2,187 against \$1,842 one year earlier. Both average days and hours worked increased partly due to February 29th in 1948. (Total maintenance of way and structure expenditures rose some \$25,000,000 over 1947 to nearly \$160,000,000).

Maintenance of equipment employees earned \$2,562 in 1948 compared with \$2,196 in the preceding year, with increases in days and in hours worked, which were 2,361 against 2,336 hours in 1947. Total expenditures on maintenance of equipment were some \$175,000,000, up \$30 million over the previous year, and the wage bill on this account was \$119,363,597 compared with \$98,187,920.

The "Transportation" division of employees required 37 p.c. of the total pay roll earning \$189,667,757 against \$162,446,582 in 1947. Average earnings increased from \$2,810 to \$3,236 and ranged from \$5,659 for road passenger engineers and motormen to \$2,039 for news agents. Freight department employees continue to advance in numbers over 1947 and 1946. Gains were also shown in the numbers employed in express, communications and in outside operations.

Total pay roll charged to operating expenses increased from \$391,621,188 in 1947 to \$464,532,696 in the year under review, a jump of 18.6 p.c., or \$72,911,508, and compares with only \$177,968,435 in 1938. This is an advance of 2.6 times in the decade against a rise of 2.47 times in operating revenues in the same comparison.

Some improvement was shown from 1947 in the safety performance of the railways. There were 15 passengers killed in accidents resulting from the movement of trains compared with 34 in the preceding year. Employee deaths numbered 76 against 77 in this category one year earlier. Passengers injured numbered 284, down from 355 in 1947, while 2,906 employees suffered injury in train movements, some 57 fewer than in the previous twelve months. Non-train accidents claimed the lives of 23 employees and 10 other persons against 26 and 4 respectively in 1947. Injured numbered 7,315 in non-train accidents of whom 7,074 were employees and compared with 7,855 in 1947, among whom were 7,657 employees. Time lost by employees through injuries had shown reduction each year since 1944. Accidents at railway crossings accounted for 141 fatalities or 10 less than during 1947, which had established a record. The majority or 79 p.c. of the fatalities occurred at unprotected crossings. In addition 501 persons received serious injuries, the same number as in 1947. Motorists continued to constitute the bulk of crossing victims.

Table 1.

Income Account for the Year ended December 31, 1948

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	7,100,060	6,389,423	710,637	72,241	Cr. 86,274
2.	Alma and Jonquieres	303,275	203,443	99,832	20,584	38,790
3.	British Yukon	721,486	495,783	225,703	11,141	-
4.	Canada and Gulf Terminal	367,068	252,046	115,022	4,864	23,106
5.	Canada Southern (Lessee N.Y.C.)	28,357,890	19,688,271	8,669,619	1,643,937	3,097,901
5A.	Canada Southern (Lessor)	-	-	-	31,307	-
6.	Canadian National	422,544,983	408,021,042	14,523,941	6,520,909	2,939,008
7.	Canadian Pacific	355,249,702	326,178,356	29,071,346	8,024,445	2,627,735
8.	Central Vermont	11,366	87,864	Dr. 76,498	1,636	925
9.	Chesapeake and Ohio (Pere Marquette Div.)	11,508,743	5,732,005	5,776,738	1,399,142	1,477,691
10.	Cumberland	217,058	285,016	Dr. 67,958	3,022	6,994
11.	Essex Terminal	577,870	434,445	143,425	47,685	20,108
12.	Great Northern	1,488,952	1,658,234	Dr. 169,282	201,466	Cr. 78,840
13.	Greater Winnipeg Water District	116,648	147,247	Dr. 30,599	-	2,739
14.	Hudson Bay	1,177,530	1,320,246	Dr. 142,716	4,870	254,627
15.	Maine Central	27,882	26,799	1,083	5	129
16.	Maritime Coal, Railway and Power	125,302	99,991	25,311	4,190	20,187
17.	Midland Railway of Manitoba	548,906	682,359	Dr. 133,453	56,082	150,867
18.	Morrissey, Fernie and Michel	80,019	66,991	13,028	3,627	Cr. 710
19.	Napierville Junction	1,349,221	856,026	493,195	104,334	195,349
20.	Northern Alberta	7,056,633	6,284,883	751,750	88,334	1,032,341
21.	Ontario Northland	10,650,385	9,163,412	1,486,973	6,825	381,862
22.	Ottawa and New York	220,678	431,476	Dr. 210,798	31,047	32,694
23.	Pacific Great Eastern	1,838,090	2,211,581	Dr. 373,491	5,840	77,483
24.	Quebec Railway, Light and Power	1,005,613	843,320	162,293	17,426	34,890
25.	Roberval and Saguenay	2,504,900	1,000,377	1,504,523	391,060	120,234
26.	St. Lawrence and Adirondack	1,091,826	1,341,916	Dr. 250,090	41,699	249,119
27.	Sydney and Louisburg	2,062,279	1,820,612	241,667	8,070	377,608
28.	Temiscouata	477,553	460,940	16,613	5,287	20,022
29.	Thousand Islands	59,234	72,024	Dr. 12,790	489	-
30.	Toronto, Hamilton and Buffalo	4,863,423	2,920,319	1,943,104	605,363	85,200
31.	Toronto Terminals	889,510	1,882,168	Dr. 992,658	257,852	-
32.	Wabash (in Canada)	11,258,205	7,067,840	4,190,365	80,752	1,745,843
33.	Total - 1948	875,832,290	808,126,455	67,705,835	19,695,531	14,847,628
34.	Total - 1947	785,177,920	690,821,047	94,356,873	26,342,165	15,385,257
35.	Canadian National (Canada & U.S.)	491,269,950	464,739,970	26,529,980	10,318,631	6,035,719

\* Amounts do not include taxes on the Lake Erie and Detroit River Railway Company amounting to \$42,386 in 1948, and \$39,998 in 1947, which are classified as "Rents for Leased Roads" of the Chesapeake and Ohio Railway (Pere Marquette Division) and are included in "all other Non-operating Expenses".



Income Account for the Year ended December 31, 1948

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.	724,670	50,265	754,935	545,950	129,005	674,955	79,980
2.	40,458	5,635	46,091	-	-	-	46,091
3.	214,562	1,025	215,585	111,222	-	111,222	104,363
4.	87,052	4,159	91,191	21,933	18,434	40,367	50,824
5.	5,927,781	33,517	3,961,098	1,497	1,958,019	1,959,516	2,001,582
5A.	Dr. 51,507	2,093,138	2,061,831	1,461,750	1,029	1,462,779	599,052
6.	5,064,024	x 9,853,505	14,917,529	xx 44,785,928	3,948,540	48,734,468	Dr. 33,816,939
7.	18,419,166	27,305,560	45,724,726	12,514,905	5,815,970	18,330,875	27,393,851
8.	Dr. 79,059	375	Dr. 78,684	35,009	1,539	36,548	Dr. 115,232
9.	2,899,905	15,025	2,914,928	125,618	138,502	264,120	2,650,808
10.	Dr. 77,974	-	Dr. 77,974	-	-	-	Dr. 77,974
11.	75,632	18,032	93,664	13,800	-	13,800	79,864
12.	Dr. 291,908	126,869	Dr. 165,039	130,968	32,766	163,734	Dr. 328,773
13.	Dr. 33,338	-	Dr. 33,338	-	-	-	Dr. 33,338
14.	Dr. 402,213	146	Dr. 402,067	-	-	-	Dr. 402,067
15.	949	-	949	-	-	-	949
16.	934	4,589	5,523	-	-	-	5,523
17.	Dr. 340,402	17,817	Dr. 322,585	-	9,300	9,300	Dr. 351,885
18.	10,111	-	10,111	-	-	-	10,111
19.	193,512	20,101	213,613	1	5,431	5,432	208,181
20.	Dr. 368,925	370,847	1,922	-	1,601	1,601	321
21.	1,098,286	276	1,098,562	219,909	194	220,103	878,459
22.	Dr. 274,539	6,829	Dr. 267,710	9	1,057	1,066	Dr. 268,776
23.	Dr. 456,814	20,575	Dr. 436,239	4,444,644	19,306	4,463,950	Dr. 4,900,189
24.	109,977	6,212	116,189	-	-	-	116,189
25.	993,229	2,906	996,135	93,100	101	93,201	902,934
26.	Dr. 540,908	486	Dr. 540,422	48,973	10,968	59,941	Dr. 600,365
27.	Dr. 144,011	-	Dr. 144,011	-	-	-	Dr. 144,011
28.	Dr. 8,696	8,539	Dr. 157	-	-	-	Dr. 157
29.	Dr. 13,279	803	Dr. 12,476	-	-	-	Dr. 12,476
30.	1,252,541	52,116	1,304,657	43,173	17,893	61,066	1,243,591
31.	Dr. 1,250,510	2,613,708	1,363,198	1,303,011	60,187	1,363,198	-
32.	2,363,770	-	2,363,770	-	-	-	2,363,770
35.	33,162,676	42,612,827	75,775,503	65,901,400	12,169,840	78,071,240	Dr. 2,295,737
34.	52,629,451	40,428,737	93,058,188	66,106,580	8,801,911	74,908,491	18,149,697
35.	10,175,630	5,270,536	15,446,166	45,112,564	4,172,398	49,284,962	Dr. 33,838,796

xx Includes \$21,627,032 interest on Dominion Government Loans of \$760,494,825.

x Includes net operating results of U. S. Lines.

Table 2

Train Mileage for the Year ended December 31, 1948

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 Dec. 31 ♢	Average during Year				
1.	Algoma Central and Hudson Bay	520.8	321.8	811,272	-	811,272	72,224
2.	Alma and Jonquieres	10.6	10.6	21,558	-	21,558	-
5.	British Yukon	90.3	90.3	48,082	5,278	53,360	1,488
4.	Canada and Gulf Terminal	58.1	58.1	24,800	51,760	76,560	-
5.	Canada Southern (Lessee N.Y.C.)	569.7	570.1	1,514,575	1,599,995	3,114,568	26,288
6.	Canadian National	21,466.8	21,728.3	40,057,771	22,090,854	62,148,625	1,766,673
7.	Canadian Pacific	16,615.7	17,032.7	55,958,752	20,204,687	56,143,439	957,553
8.	Central Vermont	25.3	25.3	4,944	32,601	37,545	16
9.	Chesapeake and Ohio (Pere Marquette Division)	198.8	518.9	852,326	-	852,326	5,408
10.	Cumberland	31.3	31.3	30,622	-	30,622	-
11.	Essex Terminal	21.3	21.3	19,523	-	19,523	-
12.	Great Northern	140.8	147.8	70,295	73,841	144,136	12,245
15.	Greater Winnipeg Water District	92.0	92.0	27,652	-	27,652	-
14.	Hudson Bay	510.1	510.1	222,486	4,080	226,566	13,247
14A.	International Bridge and Terminal	1.1	1.1	-	-	-	-
15.	Maine Central	5.1	5.1	5,605	-	5,605	60
16.	Maritime Coal, Railway and Power	12.2	12.0	14,621	1,482	16,103	-
17.	Midland Railway of Manitoba	5.7	75.5	49,279	96,895	146,172	-
18.	Morrissey, Fernie and Michel	5.0	5.0	6,143	6,143	12,286	-
19.	Napierville Junction	27.1	41.7	59,151	96,687	155,838	566
20.	Northern Alberta	923.0	927.9	887,596	598,048	1,285,644	50,579
21.	Ontario Northland	574.3	574.3	984,958	574,476	1,559,434	37,402
22.	Ottawa and New York	57.3	58.0	56,403	37,052	93,455	-
23.	Pacific Great Eastern	349.8	347.0	167,953	117,800	285,753	52,936
24.	Quebec Railway, Light and Power	25.7	25.0	54,710	340,493	395,203	570
25.	Roberval and Saguenay	29.0	29.0	113,757	-	113,757	964
26.	St. Lawrence and Adirondack	46.5	60.9	82,507	124,910	207,417	622
27.	Sydney and Louisburg	70.3	70.3	153,886	56,618	210,504	-
28.	Temiscouata	101.1	115.0	71,884	30,490	102,374	2,184
29.	Thousand Islands	4.5	4.5	4,550	14,660	19,210	-
30.	Toronto, Hamilton and Buffalo	103.6	111.0	179,881	162,720	342,601	6,992
31.	Toronto Terminals	3.2	3.2	-	-	-	-
31A.	Van Buren Bridge	0.3	0.3	-	-	-	-
32.	Wabash (in Canada)	-	245.4	923,297	-	923,297	-
33.	Total - 1948	42,248.3	43,448.8	85,398,617	46,101,568	129,500,185	3,008,015
34.	Total - 1947	42,322.1	43,449.9	82,377,565	45,367,725	127,745,290	2,937,660
35.	Canadian National (Canada & U.S.)	23,082.3	23,400.6	44,982,912	23,901,589	68,884,501	1,858,816

♢ Track operated under trackage rights excluded.



Tons and Passengers Carried and Car Mileage for the Year ended December 31, 1948

	Revenue Freight		Revenue Passengers		Freight Car Miles (Revenue and Non-revenue)				Total Passenger Train Car Miles
	Tons Carried	Tons Carried One Mile	Number Carried	Passengers Carried One Mile	Freight Loaded	Freight Empty	Caboose	Total	
1.	2,446,420	382,132,866	65,026	4,878,480	9,102,401	5,259,445	680,782	2/ 16,414,101	517,248
2.	453,581	4,767,191	536	5,896	152,857	92,800	-	245,657	3,975
3.	52,467	4,102,914	17,603	928,119	273,104	188,239	1,348	462,691	117,622
4.	199,011	5,873,750	59,850	1,411,078	275,571	61,506	24,800	361,877	112,100
5.	9,925,680	1,395,011,817	1,145,470	180,019,721	60,891,718	54,457,696	1,510,566	96,859,980	20,485,836
6.	70,698,916	28,709,527,000	18,802,599	1,623,402,000	1,064,999,818	425,729,767	41,647,255	1,532,576,840	196,135,103
7.	60,036,833	25,297,202,000	13,629,044	1,523,514,000	869,283,124	588,727,969	38,592,281	1,516,603,374	179,317,726
8.	17,892	528,935	10,512	183,551	14,073	10,648	4,960	29,681	34,593
9.	4,834,688	871,150,478	-	-	31,880,384	11,092,229	873,794	43,846,398	15,978
10.	569,092	3,478,540	909	13,491	53,660	53,660	8,622	115,942	22,230
11.	1,115,076	5,983,855	-	-	224,295	166,165	19,400	409,860	-
12.	782,362	24,945,028	101,873	3,390,162	973,801	704,707	75,759	1,754,267	449,013
13.	175,696	-	10,457	555,879	-	-	-	-	24,790
14.	230,602	107,710,903	17,814	4,050,217	3,143,592	2,543,276	235,198	5,922,067	661,714
14A.	-	-	-	-	-	-	-	-	-
15.	234,088	1,193,849	-	-	33,996	29,818	3,669	67,483	-
16.	165,140	1,699,114	6,292	44,272	55,201	41,274	-	96,475	1,482
17.	168,314	11,954,738	62,611	3,537,982	603,954	326,432	49,219	979,605	646,262
18.	267,585	1,329,897	140,080	696,198	28,505	26,505	-	53,010	18,429
19.	2,987,239	80,489,876	317,330	12,493,917	1,835,771	1,374,729	59,323	3,269,823	856,122
20.	1,390,796	368,820,344	196,427	19,105,217	15,245,824	7,205,548	841,871	23,293,243	3,113,546
21.	2,605,531	529,268,171	364,443	44,522,978	19,907,673	10,078,270	984,958	30,970,901	4,400,728
22.	190,890	8,784,894	34,317	834,599	246,091	232,934	36,521	515,548	112,962
23.	228,860	45,439,912	61,615	4,424,521	2,000,583	1,075,145	148,600	3,224,328	777,185
24.	536,135	10,610,267	2,293,160	22,541,755	379,274	269,447	32,059	680,780	745,556
25.	2,829,995	55,465,529	131	2,668	1,087,385	1,006,439	74,340	2,168,164	12,280
26.	1,125,905	36,763,997	427,567	8,765,171	1,086,724	1,087,882	82,495	2,257,101	630,576
27.	4,141,548	51,504,593	11,938	209,798	1,212,986	1,204,460	104,370	2,521,816	139,617
28.	192,081	6,556,465	11,670	357,964	316,578	182,063	33,318	531,939	153,060
29.	1/	176,305	5,341	24,088	12,755	5,180	-	17,935	14,660
30.	3,887,711	145,838,416	483,366	17,537,538	4,044,366	2,020,341	177,804	6,242,911	1,098,379
31.	-	-	-	-	-	-	-	-	-
31A.	-	-	-	-	-	-	-	-	-
32.	4,272,691	912,211,715	1/	1/	35,528,674	10,000,439	894,639	46,423,792	70,637
33.	3/ 154,932,804	59,080,323,337	38,279,981	3,477,273,260	2,144,892,938	905,255,224	87,197,972	3,138,717,607	410,689,409
34.	3/ 132,855,820	60,143,034,978	40,941,387	3,732,776,336	2,168,174,149	939,868,049	86,237,132	3,195,103,913	398,646,638
35.	85,240,738	32,942,999,471	20,083,064	1,754,856,873	1,212,172,361	496,484,626	45,166,091	4/ 1,757,703,491	212,096,589

1/ Included with Canadian National.

3/ Duplications excluded.

2/ Includes 1,371,473 miles in non-revenue service - undistributed.

4/ Includes 3,880,413 miles in non-revenue service- undistributed.

Table 5

## EMPLOYEES AND THEIR COMPENSATION FOR THE YEAR ENDED DECEMBER 31, 1948

No.	Division	Average Number of Employees (1)	Total Hours on Duty (D - Days)	Total Salaries and Wages	Average Hours Worked (D - Days)	Average Salaries & Wages	
						Per Hour (D - Days)	Per Year
<b>GENERAL AND MISCELLANEOUS</b>							
1.	Executives, General Officers and Assistants	596	D 182,407	5,204,100	D 506	D 28.53	8,752
2.	Division Officers	1,065	D 333,536	5,178,999	D 513	D 15.53	4,863
3.	Assistant Engineers and Draftsmen	850	D 262,971	2,753,181	D 309	D 10.47	3,239
4.	Other Miscellaneous Officials	1,530	D 477,948	6,136,283	D 512	D 12.84	4,011
5.	Clerks	19,287	D 5,960,756	48,713,453	D 309	D 8.17	2,528
6.	Telephone Switchboard Operators	247	D 73,374	474,424	D 297	D 6.47	1,921
7.	Office Boys, Messengers, Attendants & Miscellaneous Trade Workers	1,848	D 557,163	3,356,355	D 301	D 6.02	1,816
8.	Janitors and Cleaners	1,057	D 518,160	1,980,208	D 301	D 6.22	1,873
	Total .....	26,480	D 8,166,313	73,797,003	D 308	D 9.04	2,787
<b>MAINTENANCE OF WAY AND STRUCTURES</b>							
9.	Bridge and Building Department Foremen	579	D 182,094	1,704,953	D 314	D 9.36	2,945
10.	Carpenters and Bridgemen	2,494	6,218,293	6,317,174	2,493	1.02	2,533
11.	Blacksmiths, Pipe Fitters, Plumbers, Tinsmiths & Pump Repairers	405	1,020,140	1,187,833	2,519	1.16	2,933
12.	Masons, Bricklayers, Plasterers and Painters	495	1,178,656	1,251,235	2,391	1.04	2,497
13.	Helpers, B. and B. Department	483	1,180,160	1,064,950	2,402	0.92	2,205
14.	Apprentices, B. and B. Department	-	-	-	-	-	-
15.	Pile Driver, Ditching, Hoist and Steam Shovel Employees	657	1,902,753	2,171,927	2,896	1.14	3,306
16.	Pumpmen	394	1,090,174	985,497	2,767	0.90	2,501
17.	Extra Gang and Snow Plough Foremen	462	1,210,684	1,455,122	2,621	1.20	3,150
18.	Signal Foremen	59	D 18,731	242,600	D 317	D 12.95	4,112
19.	Section Foremen	6,034	15,928,687	16,112,338	2,640	1.01	2,670
20.	Sectionmen	17,815	43,696,179	37,155,803	2,453	0.85	2,088
21.	Labourers	8,474	21,913,535	13,632,781	2,586	0.62	1,609
22.	Foremen, Linemen	36	D 11,863	126,547	D 330	D 10.97	3,515
23.	Telegraph and Telephone Linemen and Groundmen	73	162,760	186,591	2,230	1.15	2,556
24.	Signal and Interlocker Maintainers and Repairmen	766	2,041,267	2,190,701	2,665	1.07	2,860
	Total .....	674	D 212,688	2,074,100	D 316	D 9.75	3,077
	(Hourly basis)	38,550	97,523,288	83,691,952	2,530	0.86	2,171
	Total	39,224	-	85,766,052	-	-	2,187
<b>MAINTENANCE OF EQUIPMENT</b>							
25.	General Foremen	66	D 20,922	301,888	D 317	D 14.43	4,574
26.	Department and Gang Foremen	2,681	D 854,911	9,384,880	D 319	D 10.98	3,501
27.	Blacksmiths	737	1,680,745	2,062,433	2,281	1.23	2,798
28.	Boilermakers	1,490	3,462,023	4,276,564	2,524	1.24	2,670
29.	Carmen (A)	2,616	5,917,319	7,279,869	2,262	1.23	2,783
30.	Carmen (B)	593	1,297,633	1,610,607	2,188	1.24	2,716
31.	Carmen (C)	7,125	17,527,883	20,037,847	2,432	1.16	2,812
32.	Carmen (D)	237	529,078	618,158	2,232	1.17	2,608
33.	Electrical Workers	1,174	2,863,169	3,387,237	2,439	1.18	2,885
34.	Machinists	5,385	12,507,124	15,279,778	2,323	1.22	2,837
35.	Moulders	129	286,479	364,474	2,221	1.27	2,825
36.	Pipe Fitters and Sheet Metal Workers	1,432	3,247,143	4,018,625	2,268	1.24	2,806
37.	Helpers to Mechanics	9,502	22,510,062	22,423,782	2,369	1.00	2,360
38.	Helper Apprentices	32	67,340	63,867	2,104	0.95	1,996
39.	Regular Apprentices	2,294	5,154,867	5,263,585	2,247	1.02	2,295



40.	Car Cleaners	2,083	5,070,958	4,326,131	2,434	0.85	2,077
41.	Other Unskilled Employees	5,002	12,113,814	10,468,033	2,422	0.86	2,093
42.	Unclassified Labourers	3,203	7,560,707	6,110,674	2,298	0.83	1,908
43.	Stationary Engineers, Firemen and Oilers	804	2,091,528	2,085,165	2,601	1.00	2,593
	Total ..... (Daily basis)	2,747	D 875,833	9,686,768	D 319	D 11.06	3,526
	(Hourly basis)	43,838	103,487,872	109,676,829	2,361	1.06	2,502
	Total	46,585	-	119,363,597	-	-	2,562
<b>TRANSPORTATION</b>							
44.	Inspectors and Sergeants of Police	217	D 66,704	755,940	D 307	D 11.03	3,391
45.	Constables and Policemen	724	D 228,004	2,001,312	D 315	D 8.78	2,764
46.	Storekeepers	258	D 81,143	814,943	D 315	D 10.04	3,159
47.	Storemen	2,245	5,082,331	4,695,944	2,264	0.92	2,092
48.	Train Despatchers and Traffic Supervisors	639	1,616,079	2,787,937	2,529	1.73	4,363
49.	Supervisory Agents and Assistants	549	1,391,281	1,855,717	2,534	1.33	3,380
50.	Station Agents, Non-telegraphers (small station)	158	344,988	288,516	2,500	0.84	2,091
51.	Station Agents, Telegraphers and Telephoners	5,914	15,545,326	17,854,081	2,629	1.15	3,019
52.	Signalmen (non-telegraphers) at Interlockers	239	610,545	614,055	2,555	1.01	2,569
53.	Foremen in Freight Sheds	563	1,396,960	1,586,684	2,481	1.14	2,818
54.	Freight Handlers and other Station Employees	6,953	16,933,742	15,686,169	2,435	0.93	2,256
55.	Labourers	1,097	2,797,620	2,440,013	2,550	0.87	2,224
56.	Dining Car and Restaurant Inspectors, Conductors & Stewards	347	D 116,533	1,099,592	D 336	D 9.44	3,169
57.	Dining Car and Restaurant Helpers & Attendants	2,556	D 759,875	5,012,612	D 323	D 6.60	2,128
58.	News Agents	197	D 57,709	401,694	D 293	D 6.96	2,039
59.	Floating Equipment Employees	842	2,411,172	1,980,057	2,864	0.82	2,352
60.	Sleeping and Parlour Car Inspectors and Conductors	259	D 85,517	812,801	D 330	D 9.50	3,138
61.	Sleeping and Parlour Car Porters	1,324	D 441,540	3,248,820	D 333	D 7.36	2,454
62.	Drawbridge Operators	105	272,907	280,704	2,599	1.03	2,673
63.	Signalmen or Watchmen at Crossings, non-interlocked	570	1,468,903	1,196,612	2,577	0.81	2,099
64.	Yardmasters and Assistants	703	D 223,452	2,841,499	D 318	D 12.72	4,042
65.	Switch Tenders	397	D 137,186	1,115,882	D 346	D 8.13	2,811
66.	Hostlers	659	D 227,906	2,020,050	D 346	D 8.87	3,066
67.	Road Passenger Conductors	829	2,117,326	3,996,202	2,554	1.89	4,821
68.	Road Freight Conductors	2,746	7,709,573	12,429,655	2,808	1.61	4,526
69.	Road Passenger Brakemen, Baggage-men and Flagmen	1,900	4,680,024	7,054,219	2,463	1.51	3,713
70.	Road Freight Brakemen and Flagmen	6,472	15,633,163	21,221,762	2,416	1.36	3,279
71.	Yard Conductors and Yard Foremen	1,886	5,093,805	6,846,543	2,701	1.54	3,630
72.	Yard Brakemen and Helpers	4,247	10,664,917	13,105,994	2,511	1.23	3,086
73.	Road Passenger Engineers and Motormen	1,031	2,408,696	5,834,253	2,336	2.42	5,659
74.	Road Freight Engineers and Motormen	3,711	9,525,018	16,972,023	2,567	1.78	4,573
75.	Yard Engineers and Motormen	1,695	5,105,898	6,874,575	3,012	1.35	4,056
76.	Road Passenger Firemen and Helpers	1,034	2,278,211	4,674,225	2,203	2.05	4,521
77.	Road Freight Firemen and Helpers	3,994	9,516,687	13,642,939	2,383	1.43	3,416
78.	Yard Firemen and Helpers	1,775	5,074,054	5,643,133	2,859	1.11	3,179
	Total ..... (Daily basis)	7,441	D 2,425,569	20,105,745	D 326	D 8.29	2,702
	(Hourly basis)	51,174	129,679,226	169,562,012	2,534	1.51	3,313
	Total	58,615	-	189,667,757	-	-	3,236
79.	Express Department	4,571	D 1,471,580	11,829,415	D 322	D 8.04	2,588
80.	Communication Department	7,775	18,664,715	18,107,632	2,401	0.97	2,329
81.	Employees Engaged in Outside Operations	6,713	16,975,625	13,523,339	2,529	0.80	2,015
	GRAND TOTAL .... (Daily basis)	41,913	D 13,151,983	117,493,031	D 314	D 8.93	2,803
	(Hourly basis)	148,050	366,330,726	394,561,764	2,474	1.08	2,665
	Total - 1948 (2)	189,963	-	512,054,795	-	-	2,696
82.	Total number of Female Employees (monthly Average)	10,099	-	-	-	-	-
83.	Total pay roll charged to operating expenses	-	-	464,532,696	-	-	-
84.	Pullman, Bridge and Tunnel Companies (Daily basis)	139	D 51,072	454,014	D 367	D 8.89	3,266
	(Hourly basis)	75	213,660	220,562	2,849	1.03	2,941
	Total	214	-	674,576	-	-	3,152

(1) Average of counts made each month.

(2) Includes \$7,632,569 for employees domiciled outside of Canada.



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