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DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

TRANSPORTATION BRANCH

PRELIMINARY REPORT

ON

STATISTICS OF STEAM RAILWAYS

IN

CANADA

1944



**OTTAWA
1945**

Price 10 cents

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DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

Dominion Statistician, HERBERT MARSHALL, B.A., F.S.S.

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

PRELIMINARY REPORT

20-1110

ON

STATISTICS OF STEAM RAILWAYS

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Railway revenues continued to increase advancing to a new high record of \$796,636,786 in 1944 as compared with \$778,914,565 in 1943 and \$336,833,400 in 1938. Operating expenses were increased from \$580,597,204 in 1943 to \$634,774,021, which included approximately \$10,000,000 of wages earned in 1943 and paid in 1944 under the National War Labour Board award of July 31, 1944. The 1944 expenses were also affected by this award which increased wage rates for the entire year. Freight revenues increased by \$9,237,127 or 1.6 per cent, and passenger revenues increased by \$8,060,462 or by 6.5 per cent. The increase in revenue ton miles of freight was 3.2 per cent, and in passenger miles 5.3 per cent. The operating expenses in addition to back pay and increased wages because of increased rates included charges for deferred maintenance amounting to \$16,848,799, which with similar charges in 1943, 1942 and 1941 brings the total up to \$56,651,839, or an amount equal to over 45 per cent of the 1938 maintenance expenses, and monthly reports for the first eight months of 1945 show a further addition to these charges of \$7,000,000.

Railway tax accruals declined from their high record of \$44,414,192 in 1943 to \$35,092,157, and the net income before dividends and other profit and loss charges, was reduced to \$61,691,665 as against \$84,062,527 in 1943. Dividend payments during the year were increased from \$5,541,980 in 1943 to \$19,398,278, the Canadian Pacific paying \$13,400,000 on common stock for the first time since 1931; it declared a further dividend of 3 per cent in 1945 out of 1944 earnings. The cash surplus of the Canadian National, paid to the Dominion Government and applied in reducing the loans from the Government, declined from \$35,639,412 in 1943 to \$23,026,924. Interest payments on funded and unfunded debt amounted to \$74,177,422 as compared with \$75,660,048

in 1943 and the peak of \$79,786,267 in 1940, omitting years prior to 1937 when interest was accrued on Government advances to the Canadian National Railways to meet deficits. This reduction of \$5,608,845 in these fixed charges between 1940 and 1944 included a net reduction of \$2,120,942 by the Canadian National system and of \$5,096,155 by the Canadian Pacific, and a net increase for all other railways of \$141,302 plus an item of \$1,466,950 for lessor of the Canada Southern Railway, which was not included in 1940.

The number of employees, which is the average of counts made each month, increased from 169,663 in 1943 to 175,095 or by 3.2 per cent, and the number of female employees included in these, increased from 10,051 to 13,387 or by 33 per cent.

The total salaries and wages paid increased from \$323,801,645 to \$372,064,613 or by 14.9 per cent. As explained above, the 1944 pay roll included approximately \$10,000,000 of back pay for 1943 in addition to the increases for 1944. The award of the National War Labour Board ordered increases of 6 cents per hour or 48 cents per day or \$2.88 per week or \$12.48 per month, according to the basis of payment of wages to various classes of employees, including the running trades, telegraphers, freight handlers, maintenance of way employees, machinists, boilermakers, and many others. For the greater number of these the increases were retroactive to September 15, 1943, and for others to May 25 and to March 3, 1943. The Canadian National Railways stated that these increased rates resulted in an increase in pay roll in 1944 of \$23,348,000; this would be over 12 per cent of their pay. The Canadian Pacific stated in its report to shareholders that the increase in rates together with cost of living bonus, which became part of the basic rates, caused a total increase of 25 per cent over rates in effect June 1, 1941.

The average hourly wage for all employees increased from 73.7 cents in 1943 to 83.4 cents. This, however, was affected by the inclusion of 1943 back pay in 1944, and also by the relative amount of overtime as well as the increases in basic rates. The highest average yearly wage, other than for executives, was for road passenger engineers at \$4,271 as against \$3,935 in 1943. These are the total wages paid to this class of employees divided by the average of counts of employees made each month. The counts on some roads are made four times a month and on some once each month, and include all such employees on the roster or assigned list on the day of the count whether or not they are actually working on that day. Labourers and other classes whose numbers fluctuate frequently are also counted in this manner; all other employees are counted only once in the middle of each month. The averages are thus full year positions and not the total number receiving wages. By this method of computing employees, 4 employees working 9 months each would be included in the average as 3 employees and the actual wage received

by each would be correspondingly less than the average shown in the report as wages paid by the railways. This method of computation also increases the average time worked over the actual average per individual but has no effect on the average rate per hour or day, which is actual time worked divided into the total wages paid.

During the year 8 passengers were killed in train accidents and 416 were injured as compared with 9 killed and 417 injured in 1943. On a passenger mile basis the averages per 1,000,000,000 passenger miles were: killed 1944 - 1.16; 1943 - 1.38; 1938 - 2.24; injured 1944 - 61; 1943 - 64 and 1938 - 176. The record in respect to employees killed and injured in train accidents also showed considerable improvement. The number killed was reduced to 81 from 112 in 1943, and the number injured was reduced to 2,637 from 2,942.

In non train accidents the number of employees injured increased from 9,725 in 1943 to 10,550, and the time lost in both train and non train accidents increased from 321,391 days to 333,163 days or by 3.7 per cent, and was 2.3 times the days lost in 1938 because of injuries. The number of employees killed in non train accidents, which includes accidents in handling traffic, machinery, supplies, etc., increased from 18 in 1943 to 22.

The number of persons killed at highway crossings in train accidents increased from 136 in 1941 to 138, but the number of persons injured declined from 430 to 360. Because of the greatly reduced motor vehicle use due to gasoline and tire rationing, to fewer passenger automobiles registered and reductions in legal maximum speeds, a reduction in accidents greater than this might be expected; the reduction in all motor vehicle fuel was approximately 24 per cent and in passenger automobile registrations 8 per cent, but commercial vehicle registrations increased by 6 per cent.

Railways consumed 4,470,320 tons of Canadian bituminous coal in 1939 and 2,546,375 tons of United States coal for locomotives and other purposes. In 1944 the consumption of Canadian coal declined to 4,160,197 tons but consumption of imported coal increased to 8,479,945 tons. This large increase in United States coal was due to inability to secure enough coal from Canadian mines.

TABLE 1.

INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1944.

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	4,875,937	4,612,616	263,321	29,462	233,859
2.	Alma and Jonquiere	199,238	165,096	34,142	9,358	24,784
4.	Canada and Gulf Terminal	267,708	158,770	108,938	31,053	77,885
5.	Canada Southern (Lessee N.Y.C.)	28,857,181	18,145,175	10,712,008	3,210,278	7,501,730
5a.	Canada Southern (Lessor)	-	-	-	50,196	Dr. 50,196
6.	Canadian National	391,585,902	323,335,615	68,250,287	3,847,404	64,402,883
7.	Canadian Pacific	320,262,132	251,646,915	68,615,217	24,064,455	44,550,762
8.	Central Vermont	428,873	287,353	141,520	492	141,028
9.	Cumberland	191,978	186,598	5,380	2,758	2,622
10.	Essex Terminal	574,185	410,076	164,109	12,836	151,273
10a.	Great Northern Railway Co.	430,068	486,093	Dr. 56,025	67,046	Dr. 123,071
11.	Greater Winnipeg Water District	53,532	83,026	Dr. 29,494	-	Dr. 29,494
12.	Hudson Bay	272,554	749,268	Dr. 476,714	3,411	Dr. 480,125
13.	Maine Central	15,221	16,809	Dr. 1,588	Cr. 1,211	Dr. 377
14.	Maritime Coal, Railway and Power Co.	192,774	104,143	88,631	23,881	64,750
15.	Midland Railway of Manitoba	719,278	531,575	187,703	66,926	120,777
16.	Morrissey, Fernie and Michel	70,433	81,543	Dr. 11,110	759	Dr. 11,869
17.	Napierville Junction	1,116,343	582,830	533,513	292,488	241,025
18.	Nelson and Fort Sheppard	11,779	115,825	Dr. 102,046	3,609	Dr. 105,655
19.	Northern Alberta	7,323,676	5,249,851	2,073,825	65,837	2,007,988
20.	Ottawa and New York	236,581	411,943	Dr. 175,362	20,267	Dr. 195,629
21.	Pacific Great Eastern	725,038	927,341	Dr. 202,303	2,788	Dr. 205,091
22.	Pere Marquette	10,864,868	6,305,150	4,559,718	1,845,016	2,714,702
23.	Quebec Railway, Light and Power Co.	751,854	737,876	13,978	15,245	Dr. 1,267
24.	Roberval and Saguenay	1,587,318	772,520	814,798	416,972	397,826
25.	St. Lawrence and Adirondack	923,321	964,458	Dr. 41,137	10,328	Dr. 51,465
26.	Sydney and Louisburg	1,311,398	1,365,540	Dr. 54,142	7,169	Dr. 61,311
27.	Temiscouata	341,927	326,029	15,898	4,661	11,237
28.	Temiskaming and Northern Ontario	6,516,533	5,393,803	1,122,730	2,289	1,120,441
29.	Thousand Islands	51,443	46,561	4,882	595	4,487
30.	Toronto, Hamilton and Buffalo	3,897,589	2,430,893	1,466,696	622,549	844,147
31.	Toronto Terminals	806,928	1,322,307	Dr. 515,379	210,112	Dr. 725,491
32.	Vancouver, Victoria and Eastern	659,705	582,539	77,166	86,592	Dr. 9,426
33.	Wabash (in Canada)	10,513,491	6,239,886	4,273,605	66,716	4,206,889
34.	Total 1944	796,636,786	634,774,021	161,862,765	35,106,898	126,770,608
35.	Total 1943	778,914,565	560,597,204	218,317,361	44,429,545	173,903,169
36.	Canadian National (Canada & U.S.)	441,147,510	362,547,044	78,600,466	7,341,514	71,258,952

/ Includes taxes on the Lake Erie and Detroit River Railway Company amounting to \$14,741

INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1944.

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.	-	233,839	489,521	515,425	144,285	659,710	Dr. 170,189
2.	-	24,784	34,587	-	18,880	18,880	15,707
4.	-	77,885	84,439	57,000	16,375	73,375	11,064
5.	-	7,501,730	8,297,419	44,773	5,082,034	5,126,807	3,170,612
5a.	-	Dr. 50,196	2,016,285	1,466,950	2,384	1,469,334	546,951
6.	1,188,803	65,591,686	82,299,067	x 47,970,282	11,340,331	59,310,613	22,988,454
7.	2,653,300	47,204,082	59,615,576	16,384,951	8,530,795	24,915,746	34,699,830
8.	-	141,028	159,567	35,277	30,225	65,502	94,065
9.	-	2,622	2,622	-	3,745	3,745	Dr. 1,123
10.	-	151,273	165,907	13,800	18,516	32,316	133,591
10a.	-	Dr. 123,071	2,833	124,447	222,122	346,569	Dr. 343,736
11.	-	Dr. 29,494	Dr. 29,494	-	818	818	Dr. 30,312
12.	-	Dr. 480,125	Dr. 468,416	-	115,076	115,076	Dr. 583,492
13.	-	Dr. 377	Dr. 512	-	124	124	Dr. 436
14.	-	64,750	66,202	-	16,867	16,867	49,335
15.	-	120,777	143,332	-	126,134	126,134	17,248
16.	-	Dr. 11,869	Dr. 11,869	-	-	-	Dr. 11,869
17.	-	241,025	330,342	2	218,304	218,306	112,036
18.	-	Dr. 105,655	Dr. 105,384	-	4,057	4,057	Dr. 109,441
19.	1,406	2,009,394	2,572,733	1,498,139	811,500	2,309,639	263,094
20.	-	Dr. 195,629	Dr. 137,310	336	28,823	29,159	Dr. 216,463
21.	11,376	Dr. 193,715	Dr. 174,738	4,029,681	31,775	4,061,454	Dr. 4,236,192
22.	-	2,714,702	2,831,511	181,866	1,611,701	1,793,567	1,037,944
23.	-	Dr. 1,267	12,953	-	12,953	12,953	-
24.	-	397,826	413,657	93,100	113,251	206,351	207,306
25.	-	Dr. 51,465	Dr. 33,983	50,255	191,168	241,423	Dr. 275,406
26.	-	Dr. 81,311	Dr. 81,311	-	553,815	553,815	Dr. 615,126
27.	-	11,237	14,485	-	14,170	14,170	315
28.	-	1,120,441	1,206,747	212,073	250,854	462,427	744,320
29.	-	4,487	5,067	5,067	-	5,067	-
30.	-	844,147	1,211,731	204,257	257,964	462,221	749,510
31.	-	Dr. 725,491	1,321,180	1,289,741	31,439	1,321,180	-
32.	-	Dr. 9,426	164,963	-	222,221	222,221	Dr. 57,258
33.	-	4,206,889	4,206,889	-	705,557	705,557	3,501,332
34.	3,854,885	130,625,493	166,596,848	74,177,422	30,727,761	104,905,183	61,691,665
35.	4,616,451	178,519,620	214,616,992	75,660,048	54,894,417	130,554,465	84,062,527
36.	1,188,803	72,447,755	81,781,133	48,374,284	10,407,597	58,781,881	22,999,252

x - Includes interest on \$645,103,872 Dominion Government Loans \$19,933,702.

TABLE 2

TRAIN MILEAGE FOR THE YEAR ENDED DECEMBER 31, 1944.

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	Average during Year				
		X	/	¢	¢	¢	¢
1.	Algoma Central and Hudson Bay	320.9	321.9	675,848	-	675,848	52,029
2.	Alma and Jonquiere	10.6	10.6	18,546	-	18,546	-
3.	British Yukon	90.3	90.3				
4.	Canada and Gulf Terminal	38.1	38.1	14,340	50,178	64,518	-
5.	Canada Southern (Lessee N.Y.C.)	369.7	370.0	2,226,450	1,644,178	3,870,628	96,980
6.	Canadian National	21,584.4	21,771.1	40,225,761	22,209,771	62,435,532	1,486,014
7.	Canadian Pacific	16,557.4	17,027.8	35,114,904	20,585,698	55,700,602	608,890
8.	Central Vermont	25.3	25.3	29,544	36,696	66,240	578
9.	Cumberland	31.5	31.3	27,136	-	27,136	-
10.	Essex Terminal	21.5	21.3	24,400	-	24,400	-
10a.	Great Northern Railway Co.	140.7	147.7	33,228	22,099	55,327	1,453
11.	Greater Winnipeg Water District	92.0	92.0	-	-	-	-
12.	Hudson Bay	510.1	510.1	55,132	40,800	95,932	13,207
12a.	International Bridge and Terminal Co.	1.1	1.1	-	-	-	-
13.	Maine Central	5.1	5.1	3,343	-	3,343	95
14.	Maritime Coal, Railway & Power Co.	12.2	12.2	20,418	1,408	21,826	-
15.	Midland Railway of Manitoba	5.7	75.5	49,044	100,150	149,194	-
16.	Morrissey, Fernie and Michel	5.0	5.0	26,780	-	26,780	-
17.	Napierville Junction	27.1	41.7	61,030	96,707	157,737	1,095
18.	Nelson and Fort Sheppard	-	-	10,800	-	10,800	90
19.	Northern Alberta	922.7	927.6	840,827	382,675	1,223,500	86,951
20.	Ottawa and New York	57.3	58.0	35,041	57,286	72,327	-
21.	Pacific Great Eastern	347.8	347.8	95,276	43,327	138,603	23,516
22.	Pere Marquette	198.8	319.0	1,369,616	330	1,369,946	25,612
23.	Quebec Railway, Light and Power Co.	25.4	25.4	27,550	311,980	339,530	3,898
24.	Roberval and Saguenay	29.0	29.0	60,643	8,210	68,853	-
25.	St. Lawrence and Adirondack	46.5	60.3	68,186	121,376	189,562	1,248
26.	Sydney and Louisburg	70.3	70.3	123,408	43,220	166,628	-
27.	Temiscouata	101.1	112.8	49,739	53,959	103,698	2,116
28.	Temiskaming and Northern Ontario	574.0	574.0	787,504	575,560	1,363,064	44,156
29.	Thousand Islands	4.5	4.5	3,465	14,660	18,125	-
30.	Toronto, Hamilton and Buffalo	103.6	111.0	165,149	163,782	328,931	3,920
31.	Toronto Terminals	3.2	3.2	-	-	-	-
31a.	Van Buren Bridge	0.3	0.3	-	-	-	-
32.	Vancouver, Victoria and Eastern	-	-	34,181	31,658	65,839	260
33.	Wabash (in Canada)	-	245.4	1,287,340	-	1,287,340	279
34.	Total 1944	42,332.7	42,360.8	83,564,629	46,575,706	130,140,335	2,432,587
35.	Total 1943	42,342.7	42,336.8	81,443,279	45,745,039	127,188,318	2,936,807
36.	Canadian National (Canada and U.S.)	23,268.4	23,496.0	45,206,361	24,216,998	69,423,359	1,552,221

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, 1944.

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.	2,080,227	306,339,227	47,573	3,162,735	7,541,516	4,954,752	532,690	^{3/} 15,533,513	450,283
2.	305,037	3,355,407	9,950	100,450	99,651	75,836	-	175,467	4,079
3.									
4.	177,588	4,680,332	58,023	1,208,344	204,554	108,561	14,340	327,455	58,600
5.	14,183,941	2,445,244,734	2,327,098	370,097,282	91,228,905	58,325,000	2,295,816	151,849,721	20,792,998
6.	69,197,065	31,718,200,000	33,975,189	3,422,653,000	1,056,204,306	482,611,959	41,491,811	1,580,308,078	223,704,245
7.	55,679,262	27,447,987,000	18,460,862	2,891,434,000	870,813,544	443,583,836	38,247,270	1,352,644,650	191,178,591
8.	1,578,225	38,696,521	169,213	3,994,574	1,182,983	332,693	30,066	1,545,742	349,591
9.	553,665	3,362,308	4,076	72,473	50,510	50,510	6,919	107,939	23,160
10.	1,206,966	6,034,830	-	-	210,385	166,495	18,770	395,650	-
10a.	294,741	9,373,555	79,703	2,678,177	327,750	284,099	30,656	642,505	166,791
11.	117,268	-	10,092	506,327	-	-	-	-	-
12.	21,053	6,835,200	10,821	1,657,000	649,123	367,735	108,672	1,125,530	374,984
12a.	-	-	-	-	-	-	-	-	-
13.	170,507	869,586	126	643	25,777	24,054	155	49,984	3,190
14.	355,295	3,169,903	16,941	131,080	97,609	79,316	-	176,925	1,408
15.	251,006	17,977,299	125,478	7,188,586	718,633	301,229	49,978	1,069,840	723,168
16.	312,847	1,557,849	-	-	39,362	39,362	-	78,724	-
17.	2,967,174	79,852,696	295,050	10,419,101	1,861,228	1,170,099	58,995	3,080,322	689,789
18.	9,254	587,827	-	-	26,287	15,878	10,874	53,039	-
19.	1,345,316	336,329,732	254,782	42,827,812	14,437,060	7,264,092	869,740	22,570,892	3,640,835
20.	216,739	11,050,934	92,010	1,861,886	309,454	227,876	36,657	573,987	123,834
21.	153,743	17,797,314	34,828	2,852,329	803,464	534,323	43,338	^{4/} 1,501,467	418,760
22.	7,094,610	1,447,459,744	2,310	36,121	48,762,672	24,929,432	1,409,305	75,101,407	76,892
23.	361,669	7,576,888	2,495,474	25,254,558	266,804	177,330	27,320	471,454	685,510
24.	1,112,173	21,386,942	64,992	1,300,040	488,420	399,099	65,505	953,024	36,424
25.	1,221,029	38,091,659	501,056	9,751,336	1,153,605	1,102,265	68,629	2,324,499	610,914
26.	3,582,446	50,129,226	20,667	382,824	1,082,821	1,074,579	94,080	2,251,480	147,318
27.	182,471	6,338,665	42,423	1,416,054	282,782	169,384	34,774	486,940	177,139
28.	1,974,628	393,658,000	479,095	46,472,000	14,737,881	7,118,389	785,366	22,641,636	4,301,904
29.	^{2/}	147,820	15,736	70,969	8,835	4,770	-	13,605	14,660
30.	3,791,008	138,751,174	647,076	22,449,162	3,862,645	1,548,576	166,957	5,578,178	998,264
31.	-	-	-	-	-	-	-	-	-
31a.	-	-	-	-	-	-	-	-	-
32.	460,383	12,642,622	95,526	3,208,849	434,460	362,704	30,742	827,906	226,351
33.	6,453,462	1,352,573,998	^{2/}	^{2/}	49,223,958	18,100,802	1,264,505	68,589,265	63,484
34.	^{5/} 177,390,798	65,928,078,992	60,355,950	6,873,187,712	2,167,136,964	1,055,505,035	87,793,926	3,311,060,822	^{1/} 450,042,986
35.	^{5/} 153,314,264	63,915,073,921	57,175,840	6,525,064,366	2,089,850,999	969,860,972	85,871,299	3,145,920,808	433,828,200
36.	80,851,179	36,015,898,782	35,928,212	3,696,546,316	1,202,394,088	555,869,244	45,488,480	^{6/} 1,806,796,934	242,180,762

^{1/} Includes Motor Unit Car Miles - 1,679,168 miles as motive power and 1,901 miles in locomotive drawn trains.

^{2/} Included in Canadian National Railways.

^{5/} Duplications excluded.

^{3/} Includes 504,555 miles in non revenue service

^{6/} Includes 3,045,122 miles in non revenue service.

^{4/} Includes 120,342 " " " " " "

TABLE 5.

EMPLOYEES AND THEIR COMPENSATION FOR THE YEAR ENDED DECEMBER 31, 1944.

No.	Division	Average Number of (1) Employees	Total Hours on Duty (D - Days)	Total Salaries and Wages	Hours Worked (D - Days)	Salaries and Wages	
						Per Hour (D - Days)	Per Year
<u>GENERAL AND MISCELLANEOUS</u>							
1.	Executives, general officers and assistants	530	D 160,780	3,781,819	D 308	D 23.522	7,135
2.	Division officers	1,040	D 334,936	3,932,821	D 322	D 11.742	3,782
3.	Assistant engineers and draftsmen	606	D 186,255	1,610,560	D 307	D 8.647	2,658
4.	Other miscellaneous officials	1,313	D 404,692	4,230,440	D 308	D 10.453	3,222
5.	Clerks	18,032	D 5,524,248	35,773,008	D 312	D 6.360	1,964
6.	Telephone switchboard operators	239	D 70,062	326,425	D 293	D 4.659	1,366
7.	Office boys, messengers, attendants & miscellaneous trades workers	1,350	D 402,075	1,590,117	D 298	D 3.955	1,178
8.	Janitors and cleaners	1,045	D 320,502	1,412,347	D 307	D 4.407	1,352
	Total Daily basis)	24,155	D 7,503,550	52,657,537	D 311	D 7.018	2,180
<u>MAINTENANCE OF WAY AND STRUCTURES</u>							
9.	Bridge and building department foremen	557	D 177,699	1,379,273	D 319	D 7.762	2,476
10.	Carpenters and bridgemen	2,537	6,369,371	5,140,885	2,511	0.807	2,026
11.	Blacksmiths, pipe fitters, plumbers, tinsmiths & pump repairers	348	882,190	845,078	2,535	0.958	2,428
12.	Masons, bricklayers, plasterers and painters	482	1,182,195	984,023	2,453	0.832	2,042
13.	Helpers, B. and B. department	321	793,329	554,709	2,471	0.699	1,728
14.	Apprentices, B. and B. department	-	-	-	-	-	-
15.	Pile driver, ditching, hoist and steam shovel employees	459	1,346,948	1,211,296	3,068	0.899	2,759
16.	Pumpmen	422	1,185,069	828,350	2,808	0.699	1,963
17.	Extra gang and snow plough foremen	486	1,313,045	1,277,104	2,702	0.973	2,628
18.	Signal foremen	63	D 19,035	183,388	D 302	D 9.634	2,911
19.	Section foremen	5,891	15,711,148	12,745,081	2,687	0.811	2,163
20.	Sectionmen	17,616	43,627,195	27,979,398	2,477	0.641	1,586
21.	Labourers	8,823	22,959,693	12,133,567	2,573	0.528	1,360
22.	Foremen - Linemen	42	D 13,830	113,758	D 329	D 8.225	2,709
23.	Telegraph and telephone linemen and groundmen	52	113,016	98,923	2,173	0.875	1,902
24.	Signal and interlocker maintainers and repairmen	646	1,738,741	1,462,172	2,692	0.841	2,263
	Total (Hourly basis)	38,163	97,221,940	65,260,586	2,548	0.671	1,710
	Total (Daily basis)	662	D 210,564	1,676,419	D 318	D 7.962	2,532
	Total	38,825	-	66,937,005	-	-	1,724
<u>MAINTENANCE OF EQUIPMENT</u>							
25.	General foremen	68	D 22,303	249,680	D 328	D 11.195	3,672
26.	Department and gang foremen	2,580	D 771,158	6,919,884	D 327	D 8.973	2,932
27.	Blacksmiths	725	1,660,338	1,666,329	2,290	1.004	2,298
28.	Boilermakers	1,291	3,193,133	3,246,427	2,473	1.017	2,515
29.	Carmen (a)	2,161	4,904,810	4,998,295	2,270	1.019	2,313
30.	Carmen (b)	543	1,233,662	1,242,462	2,272	1.007	2,288
31.	Carmen (c)	6,465	15,741,302	14,569,358	2,435	0.926	2,254
32.	Carmen (d)	223	486,315	467,509	2,181	0.961	2,096
33.	Electrical workers	991	2,464,324	2,357,150	2,487	0.957	2,379
34.	Machinists	4,869	11,774,522	11,844,689	2,418	1.006	2,433
35.	Moulders	126	293,756	315,747	2,381	1.075	2,506
36.	Pipe Fitters and sheet metal workers	1,186	2,767,391	2,820,067	2,333	1.019	2,378

37. Helpers to mechanics	8,537		20,506,789	15,864,943	2,402		0.774	1,858
38. Helper apprentices	4		8,748	8,154	2,187		0.950	2,034
39. Regular apprentices	1,170		2,601,903	1,458,458	2,224		0.561	1,247
40. Car cleaners	1,908		4,535,722	2,881,594	2,409		0.627	1,510
41. Other unskilled employees	4,411		10,989,612	7,007,908	2,491		0.658	1,589
42. Unclassified labourers	3,058		7,069,029	4,190,015	2,312		0.593	1,370
43. Stationary engineers, firemen and oilers	961		2,408,339	1,849,624	2,587		0.768	1,987
Total	38,599		92,699,695	76,788,622	2,402		0.828	1,989
		(Hourly basis)						
	2,428		793,461	7,169,564	D 327		D 9.036	2,253
		(Daily basis)						
Total	41,027		-	83,958,186	-		-	2,034
<u>TRANSPORTATION</u>								
44. Inspectors and sergeants of police	210	D	69,217	579,812	D 330	D	8.377	2,761
45. Constables and policemen	1,093	D	362,092	2,060,693	D 331	D	5.691	1,885
46. Storekeepers	189	D	58,908	481,884	D 312	D	8.180	2,550
47. Storemen	1,941		4,533,077	3,169,635	2,335		0.699	1,633
48. Train despatchers and traffic supervisors	636		1,599,511	2,258,310	2,515		1.412	3,551
49. Supervisory agents and assistants	621		1,586,475	1,571,943	2,555		0.991	2,531
50. Station agents - non-telegraphers (small stations)	117		328,672	188,630	2,809		0.574	1,612
51. Station agents - telegraphers and telephoners	5,593		15,051,548	13,780,195	2,691		0.916	2,464
52. Signalmen (non-telegraphers) at interlockers	255		662,253	499,948	2,597		0.755	1,961
53. Foremen in freight sheds	538		1,372,986	1,205,922	2,552		0.878	2,241
54. Freight handlers and other station employees	5,913		13,877,218	9,701,289	2,347		0.699	1,641
55. Labourers	1,138		3,000,565	1,864,102	2,637		0.621	1,638
56. Dining car and restaurant inspectors, conductors & stewards	444	D	130,263	1,080,041	D 293	D	8.291	2,432
57. Dining car and restaurant helpers and attendants	3,221	D	940,368	4,843,442	D 292	D	5.151	1,504
58. News agents	179	D	54,813	433,015	D 306	D	7.900	2,419
59. Floating equipment employees	747		2,478,300	1,316,708	3,318		0.531	1,763
60. Sleeping and parlour car inspectors and conductors	278	D	92,444	723,344	D 333	D	7.825	2,602
61. Sleeping and parlour car porters	1,391	D	443,988	2,255,731	D 319	D	5.081	1,622
62. Drawbridge operators	86		223,818	182,002	2,603		0.613	2,116
63. Signalmen or watchmen at crossings (non-interlocked)	555		1,445,402	885,892	2,604		0.613	1,596
64. Yardmasters and assistants	617	D	198,432	2,050,716	D 322	D	10.335	3,324
65. Switch tenders	399	D	136,125	842,156	D 341	D	6.187	2,111
66. Hostlers	605	D	216,109	1,505,167	D 357	D	6.965	2,488
67. Road passenger conductors	906		2,212,168	3,381,007	2,442		1.528	3,732
68. Road freight conductors	2,538		7,246,044	9,313,095	2,855		1.285	3,669
69. Road passenger brakemen, baggagemen and flagmen	1,935		4,696,475	5,460,201	2,427		1.163	2,822
70. Road freight brakemen and flagmen	5,563		14,933,098	15,452,908	2,684		1.035	2,778
71. Yard conductors and yard foremen	1,649		4,577,191	4,761,541	2,776		1.040	2,887
72. Yard brakemen and helpers	3,500		9,471,277	9,295,941	2,706		0.981	2,656
73. Road passenger engineers and motormen	1,065		2,394,516	4,548,483	2,248		1.900	4,271
74. Road freight engineers and motormen	3,271		9,061,431	12,961,837	2,770		1.430	3,963
75. Yard engineers and motormen	1,482		4,565,980	4,881,756	3,081		1.069	3,294
76. Road passenger firemen and helpers	1,056		2,314,303	3,533,237	2,192		1.527	3,346
77. Road freight firemen and helpers	3,562		9,165,394	10,193,069	2,573		1.112	2,662
78. Yard firemen and helpers	1,500		4,550,609	3,971,966	3,034		0.873	2,648
Total	46,167		121,348,311	124,379,617	2,628		1.025	2,694
		(Hourly basis)						
	8,626		2,702,759	16,856,001	D 313		D 6.287	1,954
		(Daily basis)						
Total	54,793		-	141,235,618	-		-	2,578
79. Express department	3,653	D	1,089,993	7,096,761	D 298	D	6.511	1,943
80. Communication department	6,731		16,225,832	11,703,969	2,410		0.721	1,739
81. Employees engaged in outside operations	5,911		15,971,857	8,475,537	2,702		0.531	1,434
GRAND TOTAL	135,571		343,465,635	286,608,331	2,533		0.834	2,114
		(Hourly basis)						
	39,524		12,300,327	85,456,282	D 311		D 6.947	2,162
		(Daily basis)						
Total 1944	175,095		-	372,064,613	-		-	2,125
82. Total number of female employees (monthly average)	13,387		-	-	-		-	-
83. Total pay roll charged to operating expense	-		-	341,757,007	-		-	-
84. Pullman, bridge and tunnel companies (Hourly basis)	86		240,988	151,199	2,802		0.627	1,728
	123	D	43,808	290,605	D 356	D	6.634	2,365
		(Daily basis)						
Total	209		-	441,804	-		-	-

(1) Average of counts made each month.

✧ Includes \$8,932,258 for employees domiciled outside of Canada.

