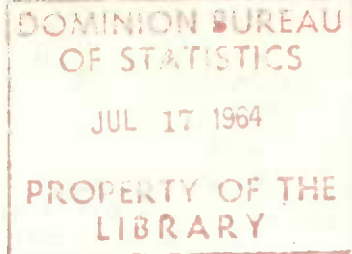


CATALOGUE No.

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ANNUAL



# RAILWAY TRANSPORT

1963

PART VI

(Employment Statistics)

*Published by Authority of*  
The Minister of Trade and Commerce

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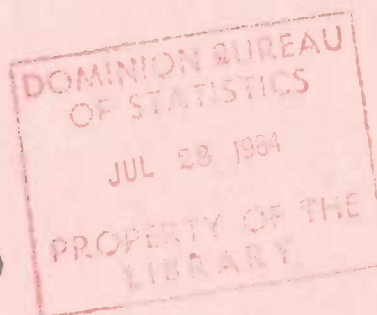
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Railway Transport

1963

Part VI

(Employment Statistics)



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## SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. figures not available.
- ... figures not appropriate or not applicable.
- nil or zero.



# RAILWAY TRANSPORT

1963

## PART VI

(Employment Statistics)

### Introduction

Presented in this report are employment statistics of twenty-nine common carrier railway companies operating in Canada in 1963. This section is the first to be released of a six-part annual report dealing with various aspects of rail transportation.

Tables 1 and 2 show, separately, details of the two Class I lines, the Canadian National Railways and the Canadian Pacific Railway Company, while table 3 embraces data relating to nineteen Class II roads (those having average gross revenues of \$500,000 or more annually). Table 5 contains in a condensed form, statistics of Class III and IV carriers (those averaging less than \$500,000 annually and other companies such as terminal, bridge, tunnel and pullman). A "common carrier" as referred to in this series indicates any person who holds himself out to the general public to transport passengers and goods for compensation.

The "Average Number of Employees" as shown in column one of the tables throughout this report is, for the most part, derived from a mid-month count of employees on payroll. The Canadian National Railways, however, adopted an alternative method of counting in 1963 based on the total number of employees who worked seven days or more in each semi-monthly pay period divided by two, plus all persons paid once each month. The effect of this change on CNR employment is referred to in the analysis of that company's statistics. Under both the above systems, which are designed to reflect the average level of employment, persons whose assigned day off falls on the day or period in which the count is made, and employees absent on vacation or leave with pay, are included. Employees on leave without pay are excluded.

The heading, "Time on Duty" for purposes of this report means the number of hours actually worked or held for duty under pay as ascertained and recorded for each class of employee. Holidays and part holidays not worked, vacations, absences on leave, etc., whether paid for or not, are excluded. Meal periods are included only when paid for.

Under "Total Compensation" are salaries and wages earned by employees and charged to operating expenses, capital and other accounts, including vacations and holidays with pay before income tax deductions, unemployment insurance, etc. Earnings and average wage and salary figures based thereon do not include fringe benefits.

### Statistical Analysis

Employment in the rail transport industry declined for the seventh consecutive year. The number of employees in 1963 averaged 156,527, down 6,334 or 3.9 per cent from 1962 and 27.3 per cent from 1956. Business declines immediately following the the record 1956 year, coupled with economies realized through technological and organizational advances contributed to the decrease in employee numbers. Operating efficiency measures implemented by the railways, which have tended to reduce labour force requirements, include the conversion to diesel motive power, centralized traffic controls, hump yards and integrated data processing. While the numbers of persons engaged by the industry have steadily declined since 1956, employee earnings have fluctuated from \$780.1 million in 1956 to \$791.5 million a year later. The total dropped to \$740.5 million in 1960 and then climbed to a new peak of \$869.5 million in 1963. The latter figure represented an increase of \$122.2 million or 16.3 per cent over the 1962 aggregate. Average hourly earnings have moved upward from \$1.76 in 1956 to \$2.73 in 1963 and salaries which averaged \$3,623 in the earlier year have increased to \$5,555.

Earnings for 1963 included \$81,840 in retroactive salary and wage increases related to a prior year. A breakdown of this amount by functional group is shown in the table immediately below. As it is understood that there were no major wage agreements between the railways and the unions in 1963, these amounts reflect 1962 negotiations which remained in force throughout the year under review.

Division	Retroactive salaries and wages included in 1963 compensation
	\$
General .....	5,548
Way and structures .....	17,994
Equipment .....	9,522
Transportation .....	37,691
<b>Total .....</b>	<b>70,755</b>
Other operations .....	11,085
<b>Grand total .....</b>	<b>81,840</b>

The Canadian National Railways, on the basis of the new count mentioned in the introduction to this report, employed an average 85,591 persons in 1963, down 5.7 per cent from 90,764 a year earlier. Hours actually worked totalled 175.3 million, a decline of 2.4 per cent from 179.6 million and the total compensation amounted to \$419.1 million or 1.4 per cent above the 1962 aggregate of \$413.3 million. CNR employees, on the average, worked 2,049 hours or 70 more in 1963 than the previous year and received .09 cents more per hour (\$2.39) or an annual salary averaging \$4,896, an increase of \$342 over the previous year. On the basis of a mid-month payroll count of employees, as used in previous years, CNR employment in 1963 totalled 88,279 and the average annual salary worked out to \$4,747. A breakdown of the above 88,279 persons by functional groups is as follows: general, 17,389; way and structures, 16,147; equipment, 15,524; transportation, 22,722; and other operations, 16,497.

The Canadian Pacific Railway Company (using a mid-month count) averaged 61,276 employees in 1963, a decline of 1.5 per cent from the earlier year, while hours worked totalled 121.9 million, also down 1.5 per cent from 1962. Total CPR earnings were \$285.1 million, 1.5 per cent above the preceding year. The average number of hours worked per employee at 1,990 was one hour greater than in 1962, while the hourly rate of pay increased .07 cents to \$2.34. Annual earnings at \$4,652, were up \$139.

Railway employment on Class II lines fell to an average 9,025 persons in 1963, a decline of 1.9 per cent. The average hours worked was 2,170 as against 2,202 while per hour earnings increased to \$2.56 from \$2.49. Annual salaries rose to \$5,547 from \$5,481 in 1962.

Employment on Class I and II railways in Canada between 1957 and 1963 was down 26.1 per cent. The decline by functional occupation classes (see chart on page 7) over the same period is as follows: transportation 27.3 per cent; other operations (rail) 23.8; equipment 27.9; way and structures 28.9; and general 26.1. Decreases in average numbers of persons employed in the industry were sharpest from 1957 through 1960 becoming more moderate during the latter three years.

The following table indicates the relative increase in salaries and wages of the various functional groups in 1962 and 1963 using the averages of the years 1956, 1957 and 1958 as a base period.

**Index of Average Salaries  
and Wages of Railway Employees,  
Class I and II Railways, 1962 and 1963  
(1956 - 1958 = 100)**

Functional group	Index	
	1962	1963
General .....	124.9	130.6
Way and structures .....	127.4	134.5
Equipment .....	121.7	127.4
Transportation .....	118.7	124.9
Other operations .....	122.1	129.3

June 16, 1964.



### FUNCTIONAL COMPOSITION OF CLASS I AND II RAILWAY EMPLOYEES 1957 - 1963

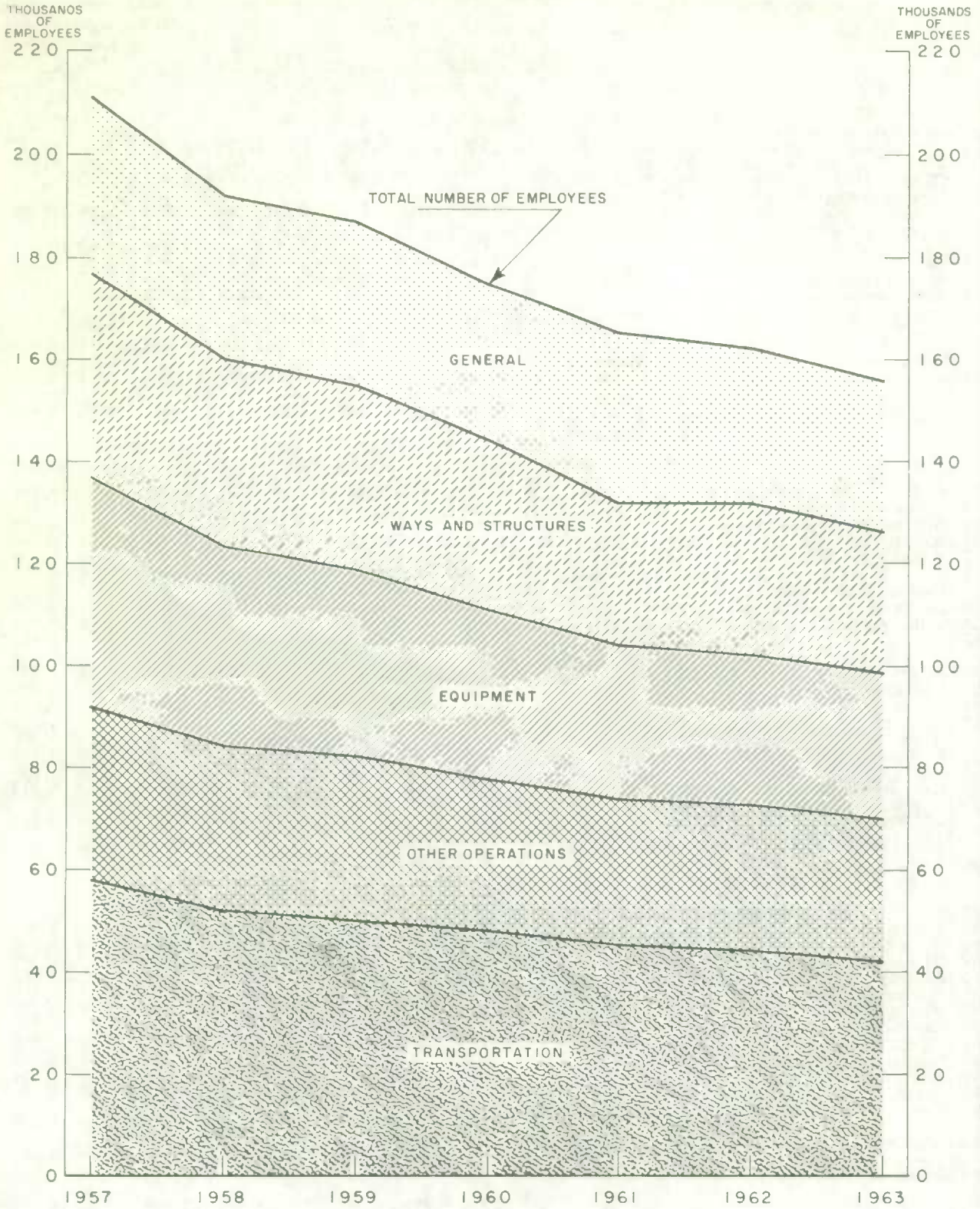


TABLE 1. Employees and their Compensation, 1963 - Canadian National Railways

No.	Division	Number of employees (monthly average) <sup>1</sup>	Time on duty (hours)	Total compensation	Average hours worked	Average salaries and wages	
						Per hour	Per year
						dollars	
<b>General</b>							
1	Executives, officers and assistants .....	1,545	3,096,638	15,202,076	2,004	4.91	9,840
2	Professional and sub-professional assistants ....	2,109	4,113,265	13,158,366	1,950	3.20	6,239
3	Chief, assistant chief and supervisory clerks ....	905	1,737,834	5,206,502	1,920	3.00	5,753
4	Clerks, stenographers and office machine operators .....	9,129	18,065,571	38,944,120	1,979	2.16	4,266
5	Telephone switchboard operators, office boys and sorters .....	146	298,783	419,155	2,046	1.40	2,871
6	Janitors and other building attendants .....	545	1,061,628	1,947,631	1,948	1.83	3,574
7	Service vehicle operators .....	123	253,951	524,910	2,065	2.07	4,268
8	Miscellaneous trades workers .....	290	565,145	1,342,622	1,949	2.38	4,630
9	Police inspectors, sergeants, special agents and investigators .....	129	243,942	796,751	1,891	3.27	6,176
10	Constables and policemen .....	448	908,150	2,061,758	2,027	2.27	4,602
11	Stores general foremen, foremen and assistants .....	139	271,177	720,313	1,951	2.66	5,182
12	Storemen and stores labourers (non-clerical) .....	1,615	3,142,031	6,420,803	1,946	2.04	3,976
	<b>Totals .....</b>	<b>17,123</b>	<b>33,758,115</b>	<b>86,745,007</b>	<b>1,972</b>	<b>2.57</b>	<b>5,066</b>
<b>Way and Structures</b>							
13	B. & B. masters, roadmasters and assistants ....	437	900,201	2,975,293	2,060	3.31	6,808
14	Maintenance of way and scale inspectors .....	53	100,305	284,002	1,893	2.83	5,359
15	B. & B. department foremen .....	310	617,325	1,704,954	1,991	2.76	5,500
16	B. & B. carpenters and bridgemen .....	1,102	2,191,774	4,844,755	1,989	2.21	4,396
17	Blacksmiths, pipefitters and tinmiths .....	177	359,455	908,763	2,031	2.53	5,134
18	Masons, painters and other journeymen .....	506	1,028,217	2,471,601	2,032	2.40	4,885
19	Helpers, B. & B. department .....	119	237,328	470,348	1,994	1.98	3,952
20	Labourers, bridge, building and signal .....	209	426,141	781,705	2,039	1.83	3,740
21	Work equipment operators and helpers .....	645	1,659,881	3,875,264	2,573	2.33	6,008
22	Pumpmen .....	9	18,978	39,796	2,109	2.10	4,422
23	Extra gang and snow plow foremen .....	219	626,241	1,604,764	2,860	2.56	7,328
24	Section foremen .....	2,211	4,431,532	9,776,274	2,004	2.21	4,422
25	Labourers, extra gang .....	2,148	5,801,850	7,986,068	2,701	1.38	3,718
26	Sectionmen .....	6,450	13,079,619	24,567,978	2,028	1.88	3,809
27	General and assistant general foremen and inspectors (signal and electrical transmission) .....	92	183,871	649,701	1,999	3.53	7,062
28	Foremen, signal and electrical transmission .....	106	215,775	625,215	2,036	2.90	5,898
29	Signal and interlocker maintainers and helpers ..	745	1,518,705	3,494,790	2,039	2.30	4,691
30	Linemen and groundmen, electrical transmission ..	25	49,936	124,450	1,997	2.49	4,978
	<b>Totals .....</b>	<b>15,563</b>	<b>33,447,134</b>	<b>67,185,721</b>	<b>2,149</b>	<b>2.01</b>	<b>4,317</b>
<b>Equipment</b>							
31	General foremen, foremen and assistant foremen .....	1,654	3,226,779	10,166,084	1,951	3.15	6,146
32	Blacksmiths .....	157	294,610	754,362	1,876	2.56	4,805
33	Boilermakers .....	292	568,738	1,467,387	1,948	2.58	5,025
34	Carmen, coach and locomotive .....	1,279	2,502,801	6,326,801	1,957	2.53	4,947
35	Carmen, freight .....	3,582	7,036,143	17,048,096	1,964	2.42	4,759
36	Electrical workers .....	1,057	2,126,907	5,378,169	1,221	2.53	5,088
37	Machinists .....	1,793	3,529,090	9,003,689	1,968	2.55	5,022
38	Moulders .....	8	12,777	32,755	1,597	2.56	4,094
39	Pipefitters and sheet metal workers .....	783	1,518,191	3,852,932	1,939	2.54	4,921
40	Helpers to mechanics .....	1,420	2,798,343	6,009,506	1,971	2.15	4,232
41	Apprentices .....	629	1,242,063	2,210,424	1,975	1.78	3,514
42	Coach cleaners .....	591	1,179,015	2,244,506	1,995	1.90	3,798
43	Classified labourers (shops, enginehouses and power plants) .....	1,131	2,225,696	4,351,406	1,968	1.96	3,847
44	Unclassified labourers (shops, enginehouses and power plants) .....	696	1,332,824	2,494,694	1,915	1.87	3,584
45	Stationary engineers, firemen and oilers .....	156	313,712	736,138	2,011	2.35	4,719
	<b>Totals .....</b>	<b>15,228</b>	<b>29,907,689</b>	<b>72,076,929</b>	<b>1,964</b>	<b>2.41</b>	<b>4,733</b>

See footnote at end of table.



TABLE 1. Employees and their Compensation, 1963 - Canadian National Railways - Concluded

No.	Division	Number of employees (monthly average) <sup>1</sup>	Time on duty (hours)	Total compensation	Average hours worked	Average salaries and wages	
						Per hour	Per year
						dollars	
<b>Transportation</b>							
46	Chief train despatchers .....	72	159,760	645,315	2,219	4.04	8,963
47	Train despatchers.....	306	612,828	2,163,209	2,003	3.53	7,069
48	Supervisory agents and assistants .....	385	833,269	2,053,348	2,164	2.46	5,333
49	Agents and caretaker agents at small stations (non-telegraphers) .....	10	20,600	51,933	2,060	2.52	5,193
50	Station agents, telegraphers and telephoners ....	2,660	5,572,724	13,002,877	2,095	2.33	4,888
51	Levermen (non-telegraphers) at interlockers ....	14	28,866	63,478	2,062	2.20	4,534
52	Baggage, parcel room and station attendants ....	371	769,261	1,457,963	2,073	1.90	3,930
53	General foremen and foremen in freight sheds....	216	447,673	1,106,981	2,073	2.47	5,125
54	Freight handlers and freight shed operators .....	1,410	2,944,699	6,185,386	2,088	2.10	4,387
55	Labourers .....	497	1,025,151	1,897,320	2,063	1.85	3,818
56	Dining car and restaurant inspectors .....	71	134,376	392,466	1,893	2.92	5,528
57	Dining car stewards, chefs, cooks and waiters..	594	1,513,724	2,730,238	2,548	1.80	4,596
58	Restaurant managers, chefs, cooks and waiters	265	694,100	1,058,610	2,619	1.53	3,995
59	News agents .....	—	—	—	—	—	—
60	Sleeping and parlour car conductors .....	70	172,358	397,402	2,462	2.31	5,677
61	Porters and other train attendants.....	469	1,133,141	1,984,032	2,416	1.75	4,230
62	Bridge operators.....	72	160,726	345,881	2,232	2.15	4,804
63	Crossing watchmen and gatemen .....	215	451,870	825,378	2,102	1.83	3,839
64	Floating equipment employees.....	439	891,749	2,144,132	2,031	2.40	4,884
	<b>Sub-totals .....</b>	<b>8,136</b>	<b>17,566,875</b>	<b>38,505,949</b>	<b>2,159</b>	<b>2.19</b>	<b>4,733</b>
65	Yardmasters and assistants .....	326	687,965	2,224,569	2,110	3.23	6,824
66	Switch tenders .....	208	417,566	912,562	2,008	2.19	4,387
67	Hostlers.....	246	532,245	1,243,860	2,164	2.34	5,056
	<b>Sub-totals .....</b>	<b>780</b>	<b>1,637,776</b>	<b>4,380,991</b>	<b>2,100</b>	<b>2.67</b>	<b>5,617</b>
68	Road passenger conductors .....	312	596,369	2,272,119	1,911	3.81	7,282
69	Road freight conductors .....	1,112	2,322,488	8,192,185	2,089	3.53	7,367
70	Road passenger brakemen and baggagemen .....	704	1,320,337	4,183,284	1,875	3.17	5,942
71	Road freight brakemen.....	2,243	4,491,162	13,732,967	2,002	3.06	6,123
72	Yard foremen.....	1,157	2,278,027	6,357,089	1,969	2.79	5,494
73	Yard helpers .....	2,361	4,591,621	11,909,113	1,945	2.59	5,044
74	Road passenger engineers and motormen .....	386	603,068	3,417,350	1,562	5.67	8,853
75	Road freight engineers and motormen .....	1,200	2,330,274	9,812,402	1,942	4.21	8,177
76	Yard engineers and motormen.....	959	2,316,421	6,529,983	2,415	2.82	6,809
77	Road passenger firemen and helpers.....	321	522,820	2,414,833	1,629	4.62	7,523
78	Road freight firemen and helpers.....	1,138	2,192,921	7,398,810	1,927	3.37	6,502
79	Yard firemen and helpers .....	949	2,020,646	4,633,247	2,129	2.29	4,882
	<b>Sub-totals .....</b>	<b>12,842</b>	<b>25,586,154</b>	<b>80,853,382</b>	<b>1,992</b>	<b>3.16</b>	<b>6,296</b>
	<b>Totals .....</b>	<b>21,758</b>	<b>44,790,805</b>	<b>123,740,322</b>	<b>2,059</b>	<b>2.76</b>	<b>5,687</b>
	<b>Totals, divisions 1 to 79 .....</b>	<b>69,672</b>	<b>141,903,743</b>	<b>349,747,979</b>	<b>2,037</b>	<b>2.46</b>	<b>5,020</b>
<b>Other Operations</b>							
80	Communications.....	5,298	11,123,093	25,127,092	2,099	2.26	4,743
81	Express .....	4,533	9,483,569	19,998,872	2,092	2.11	4,412
82	Cartage .....	1,980	4,080,136	9,049,220	2,061	2.22	4,570
83	Highway transport (rail) .....	578	1,209,216	2,648,223	2,092	2.19	4,582
84	Outside operations .....	3,530	7,540,306	12,485,595	2,136	1.66	3,537
	<b>Totals .....</b>	<b>15,919</b>	<b>33,436,320</b>	<b>69,309,002</b>	<b>2,100</b>	<b>2.07</b>	<b>4,354</b>
	<b>Grand totals .....</b>	<b>85,591</b>	<b>175,340,063</b>	<b>419,056,981<sup>2</sup></b>	<b>2,049</b>	<b>2.39</b>	<b>4,896</b>
85	Number of female employees (monthly average)	4,741	—	—	—	—	—
86	Salaries and wages charged to operating expenses .....	—	—	370,020,613	—	—	—

<sup>1</sup> The sum of the total number of employees who worked seven days or more in each semi-monthly pay period divided by two, plus all persons paid once each month.

<sup>2</sup> Includes \$1,378,830 paid to 323 employees domiciled outside Canada and charged to the Canadian System.

TABLE 2. Employees and their Compensation, 1963 - Canadian Pacific Railway Company

No.	Division	Number of employees (monthly average) <sup>1</sup>	Time on duty (hours)	Total compensation	Average hours worked	Average salaries and wages	
						Per hour	Per year
				\$		dollars	
	<b>General</b>						
1	Executives, officers and assistants .....	994	1,972,051	10,785,446	1,984	5.47	10,851
2	Professional and sub-professional assistants .....	366	718,589	2,416,736	1,963	3.36	6,603
3	Chief, assistant chief and supervisory clerks.....	832	1,649,517	4,871,778	1,983	2.95	5,856
4	Clerks, stenographers and office machine operators .....	7,138	14,050,358	29,853,764	1,968	2.12	4,182
5	Telephone switchboard operators, office boys and sorters .....	326	626,740	949,498	1,923	1.51	2,913
6	Janitors and other building attendants .....	355	684,962	1,120,952	1,929	1.64	3,158
7	Service vehicle operators .....	37	75,774	160,882	2,048	2.12	4,348
8	Miscellaneous trades workers .....	24	46,477	108,550	1,937	2.34	4,523
9	Police inspectors, sergeants, special agents and investigators .....	119	279,717	699,222	2,351	2.50	5,876
10	Constables and policemen .....	396	792,009	1,958,903	2,000	2.47	4,947
11	Stores general foremen, foremen and assistants ..	91	173,349	471,137	1,905	2.72	5,177
12	Storemen and stores labourers (non-clerical) .....	399	768,478	1,599,657	1,926	2.08	4,009
	<b>Totals</b> .....	<b>11,077</b>	<b>21,838,021</b>	<b>54,996,525</b>	<b>1,972</b>	<b>2.52</b>	<b>4,965</b>
	<b>Way and Structures</b>						
13	B. & B. masters, roadmasters and assistants .....	318	622,409	2,242,434	1,957	3.60	7,052
14	Maintenance of way and scale inspectors .....	11	21,852	62,468	1,987	2.86	5,679
15	B. & B. department foremen .....	180	374,795	937,191	2,082	2.50	5,207
16	B. & B. carpenters and bridgemen .....	700	1,364,165	2,963,671	1,949	2.17	4,234
17	Blacksmiths, pipefitters and tinsmiths .....	72	141,339	348,814	1,963	2.47	4,845
18	Masons, painters and other journeymen .....	241	482,427	1,109,892	2,002	2.30	4,605
19	Helpers, B. & B. department .....	57	117,425	245,010	2,060	2.09	4,298
20	Labourers, bridge, building and signal .....	218	449,574	788,749	2,062	1.75	3,618
21	Work equipment operators and helpers .....	456	1,184,787	2,733,829	2,598	2.31	5,995
22	Pumpmen .....	1	2,309	5,662	2,309	2.45	5,662
23	Extra gang and snow plow foremen .....	67	225,747	571,984	3,369	2.53	8,537
24	Section foremen .....	1,718	3,490,779	7,614,532	2,032	2.18	4,432
25	Labourers, extra gang .....	856	2,360,002	3,091,181	2,757	1.31	3,611
26	Sectionmen .....	3,963	7,729,103	14,617,015	1,950	1.89	3,688
27	General and assistant general foremen and inspectors (signal and electrical transmission) ..	14	27,818	110,575	1,987	3.97	7,898
28	Foremen, signal and electrical transmission .....	27	57,805	182,861	2,141	3.16	6,773
29	Signal and interlocker maintainers and helpers ..	395	890,965	1,953,803	2,256	2.19	4,946
30	Linemen and groundmen, electrical transmission ..	11	21,520	56,286	1,956	2.62	5,117
	<b>Totals</b> .....	<b>9,305</b>	<b>19,564,821</b>	<b>39,635,957</b>	<b>2,103</b>	<b>2.03</b>	<b>4,260</b>
	<b>Equipment</b>						
31	General foremen, foremen and assistant foremen ..	808	1,598,504	5,370,714	1,978	3.36	6,647
32	Blacksmiths .....	115	217,182	557,459	1,889	2.57	4,847
33	Boilermakers .....	153	297,718	761,946	1,946	2.56	4,980
34	Carmen, coach and locomotive .....	704	1,353,990	3,409,894	1,923	2.52	4,844
35	Carmen, freight .....	2,829	5,510,904	13,236,617	1,948	2.40	4,679
36	Electrical workers .....	666	1,306,489	3,287,884	1,962	2.52	4,937
37	Machinists .....	1,262	2,442,651	6,181,661	1,936	2.53	4,898
38	Moulders .....	9	16,413	42,430	1,824	2.59	4,714
39	Pipefitters and sheet metal workers .....	404	773,796	1,962,505	1,915	2.54	4,858
40	Helpers to mechanics .....	2,077	3,993,803	8,493,464	1,923	2.13	4,089
41	Apprentices .....	391	767,542	1,367,259	1,963	1.78	3,497
42	Coach cleaners .....	609	1,193,801	2,255,589	1,960	1.89	3,704
43	Classified labourers (shops, enginehouses and power plants) .....	906	1,754,581	3,282,877	1,937	1.87	3,623
44	Unclassified labourers (shops, enginehouses and power plants) .....	944	1,844,236	3,398,092	1,954	1.84	3,600
45	Stationary engineers, firemen and oilers .....	208	439,584	996,248	2,113	2.27	4,790
	<b>Totals</b> .....	<b>12,085</b>	<b>23,511,194</b>	<b>54,604,639</b>	<b>1,945</b>	<b>2.32</b>	<b>4,518</b>

See footnote at end of table.



TABLE 2. Employees and their Compensation, 1963<sup>1</sup> - Canadian Pacific Railway Company - Concluded

No.	Division	Number of employees (monthly average) <sup>1</sup>	Time on duty (hours)	Total compensation	Average hours worked	Average salaries and wages	
						Per hour	Per year
				\$	dollars		
<b>Transportation</b>							
46	Chief train despatchers .....	39	86,266	445,673	2,212	5.17	11,428
47	Train despatchers .....	204	372,089	1,329,872	1,824	3.57	6,519
48	Supervisory agents and assistants .....	266	555,036	1,602,916	2,087	2.89	6,026
49	Agents and caretaker agents at small stations (non-telegraphers) .....	61	122,340	218,387	2,006	1.78	3,580
50	Station agents, telegraphers and telephoners .....	1,926	3,855,300	9,012,376	2,002	2.34	4,679
51	Levermen (non-telegraphers) at interlockers .....	73	145,346	307,479	1,991	2.12	4,212
52	Baggage, parcel room and station attendants .....	356	705,540	1,280,374	1,982	1.81	3,597
53	General foremen and foremen in freight sheds .....	197	391,324	1,017,800	1,986	2.60	5,166
54	Freight handlers and freight shed operators .....	2,724	5,149,012	11,089,331	1,890	2.15	4,071
55	Labourers .....	380	768,292	1,454,159	2,022	1.89	3,827
56	Dining car and restaurant inspectors .....	25	55,634	151,935	2,225	2.73	6,077
57	Dining car stewards, chefs, cooks and waiters ..	536	1,265,314	2,041,189	2,361	1.61	3,808
58	Restaurant managers, chefs, cooks and waiters ..	138	295,447	380,990	2,141	1.29	2,761
59	News agents .....	105	252,809	416,837	2,408	1.65	3,970
60	Sleeping and parlour car conductors .....	95	220,332	446,148	2,319	2.02	4,696
61	Porters and other train attendants .....	440	988,111	1,671,997	2,246	1.69	3,800
62	Bridge operators .....	30	62,929	153,886	2,098	2.45	5,130
63	Crossing watchmen and gatemen .....	64	128,698	234,889	2,011	1.83	3,670
64	Floating equipment employees .....	18	27,447	83,321	1,525	3.04	4,629
	<b>Sub-totals .....</b>	<b>7,677</b>	<b>15,447,266</b>	<b>33,339,559</b>	<b>2,012</b>	<b>2.16</b>	<b>4,343</b>
65	Yardmasters and assistants .....	323	582,271	1,962,069	1,803	3.37	6,075
66	Switch tenders .....	97	200,309	446,091	2,065	2.23	4,599
67	Hostlers .....	79	178,882	392,363	2,264	2.19	4,967
	<b>Sub-totals .....</b>	<b>499</b>	<b>961,462</b>	<b>2,800,523</b>	<b>1,927</b>	<b>2.91</b>	<b>5,612</b>
68	Road passenger conductors .....	186	342,758	1,412,730	1,843	4.12	7,595
69	Road freight conductors .....	812	1,649,818	5,991,917	2,032	3.63	7,379
70	Road passenger brakemen and baggagemen .....	406	716,421	2,468,339	1,765	3.45	6,080
71	Road freight brakemen .....	1,857	3,242,063	9,991,388	1,746	3.08	5,380
72	Yard foremen .....	726	1,567,754	4,387,438	2,159	2.80	6,043
73	Yard helpers .....	1,823	3,348,396	8,514,088	1,837	2.54	4,670
74	Road passenger engineers and motormen .....	230	355,594	2,058,901	1,546	5.79	8,952
75	Road freight engineers and motormen .....	907	1,751,549	7,492,660	1,931	4.28	8,261
76	Yard engineers and motormen .....	698	1,598,833	4,428,842	2,291	2.77	6,345
77	Road passenger firemen and helpers .....	175	253,878	1,117,046	1,451	4.40	6,383
78	Road freight firemen and helpers .....	853	1,678,530	5,543,049	1,968	3.30	6,498
79	Yard firemen and helpers .....	579	1,250,183	2,709,782	2,159	2.17	4,680
	<b>Sub-totals .....</b>	<b>9,252</b>	<b>17,755,777</b>	<b>56,116,180</b>	<b>1,919</b>	<b>3.16</b>	<b>6,065</b>
	<b>Totals .....</b>	<b>17,428</b>	<b>34,164,505</b>	<b>92,256,262</b>	<b>1,960</b>	<b>2.70</b>	<b>5,294</b>
	<b>Totals, divisions 1 to 79 .....</b>	<b>49,895</b>	<b>99,078,541</b>	<b>241,493,383</b>	<b>1,986</b>	<b>2.44</b>	<b>4,840</b>
<b>Other Operations</b>							
80	Communications .....	3,468	7,094,643	14,577,792	2,046	2.05	4,204
81	Express .....	3,335	6,450,694	13,680,212	1,934	2.12	4,102
82	Cartage .....	348	684,731	1,374,796	1,968	2.01	3,951
83	Highway transport (rail) .....	20	38,679	86,462	1,934	2.24	4,323
84	Outside operations .....	4,210	8,592,557	13,873,249	2,041	1.61	3,295
	<b>Totals .....</b>	<b>11,381</b>	<b>22,861,304</b>	<b>43,592,511</b>	<b>2,009</b>	<b>1.91</b>	<b>3,830</b>
	<b>Grand totals .....</b>	<b>61,276</b>	<b>121,939,845</b>	<b>285,085,894<sup>2</sup></b>	<b>1,990</b>	<b>2.34</b>	<b>4,652</b>
85	Number of female employees (monthly average) ..	4,680	—	—	—	—	—
86	Salaries and wages charged to operating expenses .....	—	—	249,889,026	—	—	—

<sup>1</sup> Average of counts made each month.<sup>2</sup> Includes \$7,713,677 paid to 1,424 employees domiciled outside Canada and charged to the Canadian System.



TABLE 3. Employees and their Compensation, 1963 - Class II Railways<sup>1</sup>

No.	Division	Number of employees (monthly average) <sup>2</sup>	Time on duty (hours)	Total compensation	Average hours worked	Average salaries and wages	
						Per hour	Per year
				\$		dollars	
<b>General</b>							
1	Executives, officers and assistants .....	237	479,055	2,279,021	2,021	4.76	9,616
2	Professional and sub-professional assistants ....	132	269,340	808,131	2,040	3.00	6,122
3	Chief, assistant chief and supervisory clerks ....	108	219,871	633,574	2,036	2.88	5,866
4	Clerks, stenographers and office machine operators .....	832	1,677,505	3,968,841	2,016	2.37	4,770
5	Telephone switchboard operators, office boys and sorters .....	28	55,272	100,021	1,974	1.81	3,572
6	Janitors and other building attendants .....	59	110,227	208,214	1,868	1.89	3,529
7	Service vehicle operators .....	32	70,422	171,826	2,201	2.44	5,370
8	Miscellaneous trades workers .....	2	4,416	10,676	2,208	2.42	5,338
9	Police inspectors, sergeants, special agents and investigators .....	6	11,571	34,432	1,929	2.98	5,739
10	Constables and policemen .....	61	122,639	279,116	2,010	2.28	4,576
11	Stores general foremen, foremen and assistants..	21	78,157	119,946	3,722	1.53	5,712
12	Storemen and stores labourers (non-clerical) .....	76	152,711	319,029	2,009	2.09	4,198
	<b>Totals .....</b>	<b>1,594</b>	<b>3,251,186</b>	<b>8,932,827</b>	<b>2,040</b>	<b>2.75</b>	<b>5,604</b>
<b>Way and Structures</b>							
13	B. & B. masters, roadmasters and assistants ....	46	99,642	317,846	2,166	3.19	6,910
14	Maintenance of way and scale inspectors .....	..	565	1,817	...	3.22	...
15	B. & B. department foremen .....	39	87,890	247,415	2,254	2.82	6,344
16	B. & B. carpenters and bridgemen .....	125	253,020	613,414	2,024	2.42	4,907
17	Blacksmiths, pipefitters and tinsmiths .....	..	274	1,065	...	2.89	...
18	Masons, painters and other journeymen .....	51	94,557	249,966	1,854	2.64	4,901
19	Helpers, B. & B. department .....	4	6,291	17,355	1,573	2.76	4,339
20	Labourers, bridge, building and signal .....	62	136,629	298,096	2,204	2.18	4,808
21	Work equipment operators and helpers .....	135	337,030	897,195	2,497	2.66	6,646
22	Pumpmen .....	3	8,729	17,197	2,910	1.97	5,732
23	Extra gang and snow plow foremen .....	72	150,742	450,736	2,094	2.99	6,260
24	Section foremen .....	328	674,241	1,502,083	2,056	2.23	4,580
25	Labourers, extra gang .....	374	817,377	1,467,319	2,186	1.80	3,923
26	Sectionmen .....	1,127	2,154,794	4,332,495	1,912	2.01	3,844
27	General and assistant general foremen and inspectors (signal and electrical transmission) .....	7	15,316	50,822	2,188	3.32	7,260
28	Foremen, signal and electrical transmission .....	15	32,854	110,402	2,190	3.36	7,360
29	Signal and interlocker maintainers and helpers ..	102	243,529	621,760	2,388	2.55	6,096
30	Linemen and groundmen, electrical transmission	28	62,113	169,634	2,218	2.73	6,058
	<b>Totals .....</b>	<b>2,518</b>	<b>5,175,593</b>	<b>11,366,617</b>	<b>2,055</b>	<b>2.20</b>	<b>4,514</b>
<b>Equipment</b>							
31	General foremen, foremen and assistant foremen	177	384,262	1,208,880	2,171	3.15	6,830
32	Blacksmiths .....	18	35,834	90,989	1,991	2.54	5,055
33	Boilermakers .....	22	41,463	99,962	1,885	2.41	4,544
34	Carmen, coach and locomotive .....	143	347,096	1,012,833	2,427	2.92	7,083
35	Carmen, freight .....	415	961,720	2,327,278	2,317	2.42	5,608
36	Electrical workers .....	102	230,722	616,387	2,262	2.67	6,043
37	Machinists .....	200	422,748	1,085,008	2,114	2.57	5,425
38	Moulders .....	-	-	-	-	-	-
39	Pipefitters and sheet metal workers .....	24	49,534	121,933	2,064	2.46	5,080
40	Helpers to mechanics .....	239	495,571	1,034,754	2,074	2.09	4,330
41	Apprentices .....	38	72,919	128,735	1,919	1.77	3,388
42	Coach cleaners .....	46	93,867	181,816	2,041	1.94	3,953
43	Classified labourers (shops, enginehouses and power plants) .....	106	240,180	473,129	2,266	1.97	4,463
44	Unclassified labourers (shops, enginehouses and power plants) .....	81	166,149	307,531	2,051	1.85	3,797
45	Stationary engineers, firemen and oilers .....	18	37,493	85,440	2,083	2.28	4,747
	<b>Totals .....</b>	<b>1,629</b>	<b>3,579,558</b>	<b>8,774,675</b>	<b>2,197</b>	<b>2.45</b>	<b>5,387</b>

See footnotes at end of table.

TABLE 3. Employees and their Compensation, 1963 - Class II Railways<sup>1</sup> - Concluded

No.	Division	Number of employees (monthly average) <sup>2</sup>	Time on duty (hours)	Total compensation	Average hours worked	Average salaries and wages	
						Per hour	Per year
	<b>Transportation</b>			\$		dollars	
46	Chief train dispatchers .....	14	30,464	127,364	2,176	4.18	9,097
47	Train dispatchers .....	72	175,367	548,071	2,436	3.13	7,612
48	Supervisory agents and assistants .....	42	91,307	266,147	2,174	2.91	6,337
49	Agents and caretaker agents at small stations (non-telegraphers) .....	14	28,380	73,876	2,027	2.60	5,277
50	Station agents, telegraphers and telephoners .....	326	665,321	1,665,718	2,041	2.50	5,110
51	Levermen (non-telegraphers) at interlockers .....	9	19,648	44,265	2,183	2.25	4,918
52	Baggage, parcel room and station attendants .....	19	40,196	88,799	2,116	2.21	4,674
53	General foremen and foremen in freight sheds .....	37	79,838	172,461	2,158	2.16	4,661
54	Freight handlers and freight shed operators .....	180	344,189	795,517	1,912	2.31	4,420
55	Labourers .....	47	77,566	206,194	1,650	2.66	4,387
56	Dining car and restaurant inspectors .....	1	2,720	4,737	2,720	1.74	4,737
57	Dining car stewards, chefs, cooks and waiters .....	45	102,166	180,866	2,270	1.77	4,019
58	Restaurant managers, chefs, cooks and waiters .....	70	162,447	404,389	2,321	2.49	5,777
59	News agents .....	-	-	-	-	-	-
60	Sleeping and parlour car conductors .....	-	-	-	-	-	-
61	Porters and other train attendants .....	24	59,985	117,256	2,499	1.95	4,886
62	Bridge operators .....	7	14,917	34,131	2,131	2.29	4,876
63	Crossing watchmen and gatemen .....	7	16,399	40,126	2,343	2.45	5,732
64	Floating equipment employees .....	37	104,329	216,695	2,820	2.08	5,857
	<b>Sub-totals .....</b>	<b>951</b>	<b>2,015,239</b>	<b>4,986,612</b>	<b>2,119</b>	<b>2.47</b>	<b>5,244</b>
65	Yardmasters and assistants .....	49	98,222	341,595	2,005	3.48	6,971
66	Switchtenders .....	-	-	-	-	-	-
67	Hostlers .....	44	100,250	251,024	2,278	2.50	5,705
	<b>Sub-totals .....</b>	<b>93</b>	<b>198,472</b>	<b>592,619</b>	<b>2,134</b>	<b>2.99</b>	<b>6,372</b>
68	Road passenger conductors .....	36	121,116	340,789	3,364	2.81	9,466
69	Road freight conductors .....	172	440,231	1,479,303	2,559	3.36	8,600
70	Road passenger brakemen and baggagemen .....	68	216,355	521,857	3,182	2.41	7,674
71	Road freight brakemen .....	356	832,337	2,423,657	2,338	2.91	6,808
72	Yard foremen .....	145	356,636	1,044,959	2,460	2.93	7,207
73	Yard helpers .....	304	673,232	1,814,445	2,215	2.70	5,969
74	Road passenger engineers and motormen .....	44	115,382	449,041	2,622	3.89	10,205
75	Road freight engineers and motormen .....	178	447,774	1,737,417	2,516	3.88	9,761
76	Yard engineers and motormen .....	134	349,823	1,026,014	2,611	2.93	7,657
77	Road passenger firemen and helpers .....	39	97,632	315,983	2,503	3.24	8,102
78	Road freight firemen and helpers .....	153	366,550	1,113,209	2,396	3.04	7,276
79	Yard firemen and helpers .....	129	302,759	782,000	2,347	2.58	6,062
	<b>Sub-totals .....</b>	<b>1,758</b>	<b>4,319,827</b>	<b>13,048,674</b>	<b>2,457</b>	<b>3.02</b>	<b>7,422</b>
	<b>Totals .....</b>	<b>2,802</b>	<b>6,533,538</b>	<b>18,627,905</b>	<b>2,332</b>	<b>2.85</b>	<b>6,648</b>
	<b>Totals, divisions 1 to 79 .....</b>	<b>8,543</b>	<b>18,539,875</b>	<b>47,702,024</b>	<b>2,170</b>	<b>2.57</b>	<b>5,584</b>
	<b>Other Operations</b>						
80	Communications .....	412	898,181	2,050,523	2,180	2.28	4,977
81	Express .....	19	43,691	90,860	2,300	2.08	4,782
82	Cartage .....	30	64,937	152,102	2,165	2.34	5,070
83	Highway transport (rail) .....	1	1,885	5,465	1,885	2.90	5,465
84	Outside operations .....	20	34,646	64,705	1,732	1.87	3,235
	<b>Totals .....</b>	<b>482</b>	<b>1,043,340</b>	<b>2,363,655</b>	<b>2,165</b>	<b>2.27</b>	<b>4,904</b>
	<b>Grand totals .....</b>	<b>9,025</b>	<b>19,583,215</b>	<b>50,065,679<sup>3</sup></b>	<b>2,170</b>	<b>2.56</b>	<b>5,547</b>
85	Number of female employees (monthly average) ..	415	-	-	-	-	-
86	Salaries and wages charged to operating expenses .....	-	-	52,253,998	-	-	-

<sup>1</sup> Excludes 199 employees, 426,148 hours, and \$1,825,833 of the B.C. Electric Railway Co. Ltd. for which only an arbitrary breakdown is available.

<sup>2</sup> Average of counts made each month.

<sup>3</sup> Includes \$983,131 paid to 184 employees domiciled outside Canada and charged to Canadian System. An additional \$4,648,694 expended for the same purpose by U.S. lines operating in Canada is not included because the proper distribution is not available.



TABLE 4. Employees and their Compensation, 1963 - Class I and II Railways

No.	Division	Number of employees (monthly average) <sup>1</sup>	Time of duty (hours)	Total compensation	Average hours worked	Average salaries and wages	
						Per hour	Per year
				\$	dollars		
<b>General</b>							
1	Executives, officers and assistants .....	2,776	5,547,744	28,266,543	1,998	5.10	10,182
2	Professional and sub-professional assistants ....	2,607	5,101,194	16,383,233	1,957	3.21	6,284
3	Chief, assistant chief and supervisory clerks ....	1,845	3,607,222	10,711,854	1,955	2.97	5,806
4	Clerks, stenographers and office machine operators .....	17,099	33,793,434	72,766,725	1,976	2.15	4,256
5	Telephone switchboard operators, office boys and sorters .....	500	980,795	1,468,674	1,962	1.50	2,937
6	Janitors and other building attendants .....	959	1,856,817	3,276,797	1,936	1.76	3,417
7	Service vehicle operators .....	192	400,147	857,618	2,084	2.14	4,467
8	Miscellaneous trades workers .....	316	616,038	1,461,848	1,949	2.37	4,626
9	Police inspectors, sergeants, special agents and investigators .....	254	535,230	1,530,405	2,107	2.86	6,025
10	Constables and policemen .....	905	1,822,798	4,299,777	2,014	2.36	4,751
11	Stores general foremen, foremen, and assistants .....	251	522,683	1,311,396	2,082	2.51	5,225
12	Storemen and stores labourers (non-clerical) ....	2,090	4,063,220	8,339,489	1,944	2.05	3,990
	<b>Totals .....</b>	<b>29,794</b>	<b>58,847,322</b>	<b>150,674,359</b>	<b>1,975</b>	<b>2.56</b>	<b>5,057</b>
<b>Way and Structures</b>							
13	B. & B. masters, roadmasters and assistants ....	801	1,622,252	5,535,573	2,025	3.41	6,911
14	Maintenance of way and scale inspectors .....	64	122,722	348,287	1,918	2.84	5,442
15	B. & B. department foremen .....	529	1,080,010	2,889,560	2,042	2.68	5,462
16	B. & B. carpenters and bridgemen .....	1,927	3,808,959	8,421,840	1,977	2.21	4,370
17	Blacksmiths, pipefitters and tinmiths .....	249	501,068	1,258,642	2,012	2.51	5,055
18	Masons, painters and other journeymen .....	798	1,605,201	3,831,459	2,012	2.39	4,801
19	Helpers, B. & B. department .....	180	361,044	732,713	2,006	2.03	4,071
20	Labourers, bridge, building and signal .....	489	1,012,344	1,868,550	2,070	1.85	3,821
21	Work equipment operators and helpers .....	1,236	3,181,698	7,506,288	2,574	2.36	6,073
22	Pumpmen .....	13	30,016	62,655	2,309	2.09	4,320
23	Extra gang and snow plow foremen .....	358	1,002,730	2,627,484	2,801	2.62	7,339
24	Section foremen .....	4,257	8,596,552	18,892,889	2,019	2.20	4,438
25	Labourers, extra gang .....	3,378	8,979,229	12,544,568	2,658	1.40	3,714
26	Sectionmen .....	11,540	22,963,516	43,517,488	1,990	1.90	3,771
27	General and assistant general foremen and inspectors (signal and electrical transmission) .....	113	227,005	811,098	2,009	3.57	7,178
28	Foremen, signal and electrical transmission .....	148	306,434	918,478	2,071	3.00	6,206
29	Signal and interlocker maintainers and helpers ..	1,242	2,653,199	6,070,353	2,136	2.29	4,888
30	Linemen and groundmen, electrical transmission ..	64	133,569	350,370	2,087	2.62	5,475
	<b>Totals .....</b>	<b>27,386</b>	<b>58,187,548</b>	<b>118,188,295</b>	<b>2,125</b>	<b>2.03</b>	<b>4,316</b>
<b>Equipment</b>							
31	General foremen, foremen and assistant foremen ..	2,639	5,209,545	16,745,678	1,974	3.21	6,345
32	Blacksmiths .....	290	547,626	1,402,810	1,888	2.56	4,837
33	Boilermakers .....	467	907,919	2,329,295	1,944	2.57	4,988
34	Carmen, coach and locomotive .....	2,126	4,203,887	10,749,528	1,977	2.56	5,056
35	Carmen, freight .....	6,826	13,508,767	32,611,991	1,979	2.41	4,778
36	Electrical workers .....	1,825	3,664,118	9,282,440	2,008	2.53	5,086
37	Machinists .....	3,255	6,394,489	16,270,338	1,965	2.54	4,999
38	Moulders .....	17	29,190	75,185	1,717	2.58	4,423
39	Pipefitters and sheet metal workers .....	1,211	2,341,521	5,937,370	1,934	2.54	4,903
40	Helpers to mechanics .....	3,736	7,287,717	15,537,724	1,951	2.13	4,159
41	Apprentices .....	1,058	2,082,524	3,706,418	1,968	1.78	3,503
42	Coach cleaners .....	1,246	2,466,683	4,681,911	1,980	1.90	3,758
43	Classified labourers (shops, enginehouses and power plants) .....	2,143	4,220,457	8,107,412	1,969	1.92	3,783
44	Unclassified labourers (shops, enginehouses and power plants) .....	1,721	3,343,209	6,200,317	1,943	1.85	3,603
45	Stationary engineers, firemen and oilers .....	382	790,789	1,817,828	2,070	2.30	4,759
	<b>Totals .....</b>	<b>28,942</b>	<b>56,998,441</b>	<b>135,456,243</b>	<b>1,969</b>	<b>2.38</b>	<b>4,680</b>

See footnote at end of table.

TABLE 4. Employees and their Compensation, 1963—Class 1 and 11 Railways—Concluded

No.	Division	Number of employees (monthly average) <sup>1</sup>	Time on duty (hours)	Total compensation	Average hours worked	Average salaries and wages	
						Per hour	Per year
				\$	dollars		
<b>Transportation</b>							
46	Chief train dispatchers .....	125	276,490	1,218,352	2,212	4.41	9,747
47	Train dispatchers.....	582	1,160,284	4,041,152	1,994	3.48	6,944
48	Supervisory agents and assistants.....	693	1,479,612	3,922,411	2,135	2.65	5,660
49	Agents and caretaker agents at small stations (non-telegraphers).....	85	171,320	344,196	2,016	2.01	4,049
50	Station agents, telegraphers and telephoners.....	4,912	10,093,345	23,680,971	2,055	2.35	4,821
51	Levermen (non-telegraphers) at interlockers .....	96	193,860	415,222	2,019	2.14	4,325
52	Baggage, parcel room and station attendants.....	746	1,514,997	2,827,136	2,031	1.87	3,790
53	General foremen and foremen in freight sheds .....	450	918,835	2,297,242	2,042	2.50	5,105
54	Freight handlers and freight shed operators.....	4,314	8,437,900	18,070,234	1,956	2.14	4,189
55	Labourers.....	924	1,871,009	3,557,673	2,025	1.90	3,850
56	Dining car and restaurant inspectors.....	97	192,730	549,138	1,987	2.85	5,661
57	Dining car stewards, chefs, cooks and waiters ..	1,175	2,881,204	4,952,293	2,452	1.72	4,215
58	Restaurant managers, chefs, cooks and waiters	473	1,151,994	1,843,989	2,436	1.60	3,898
59	News agents .....	105	252,809	416,837	2,408	1.65	3,970
60	Sleeping and parlour car conductors .....	165	392,690	843,550	2,380	2.15	5,112
61	Porters and other train attendants .....	933	2,181,237	3,773,285	2,338	1.73	4,044
62	Bridge operators .....	109	238,572	533,898	2,189	2.24	4,898
63	Crossing watchmen and gatemen .....	286	596,967	1,100,393	2,087	1.84	3,848
64	Floating equipment employees .....	494	1,023,525	2,444,148	2,072	2.39	4,948
	<b>Sub-totals .....</b>	<b>16,764</b>	<b>35,029,380</b>	<b>76,832,120</b>	<b>2,090</b>	<b>2.19</b>	<b>4,583</b>
65	Yardmasters and assistants .....	698	1,368,458	4,528,233	1,961	3.31	6,487
66	Switch tenders.....	305	617,875	1,358,653	2,026	2.20	4,455
67	Hostlers .....	369	811,377	1,887,247	2,199	2.33	5,114
	<b>Sub-totals .....</b>	<b>1,372</b>	<b>2,797,710</b>	<b>7,774,133</b>	<b>2,039</b>	<b>2.78</b>	<b>5,666</b>
68	Road passenger conductors .....	534	1,060,243	4,025,638	1,985	3.80	7,539
69	Road freight conductors .....	2,096	4,412,537	15,663,405	2,105	3.55	7,473
70	Road passenger brakemen and baggagemen .....	1,178	2,253,113	7,173,480	1,913	3.18	6,090
71	Road freight brakemen .....	4,456	8,565,562	26,148,012	1,922	3.05	5,868
72	Yard foremen .....	2,028	4,202,417	11,789,486	2,072	2.81	5,813
73	Yard helpers .....	4,488	8,613,249	22,237,646	1,919	2.58	4,955
74	Road passenger engineers and motormen .....	660	1,074,044	5,925,292	1,627	5.52	8,978
75	Road freight engineers and motormen .....	2,285	4,529,597	19,042,479	1,982	4.20	8,334
76	Yard engineers and motormen .....	1,791	4,265,077	11,984,839	2,381	2.81	6,692
77	Road passenger firemen and helpers .....	535	874,330	3,847,862	1,634	4.40	7,192
78	Road freight firemen and helpers .....	2,144	4,238,001	14,055,068	1,977	3.32	6,556
79	Yard firemen and helpers .....	1,657	3,573,588	8,125,029	2,157	2.27	4,903
	<b>Sub-totals .....</b>	<b>23,852</b>	<b>47,661,758</b>	<b>150,018,236</b>	<b>1,998</b>	<b>3.15</b>	<b>6,290</b>
	<b>Totals .....</b>	<b>41,988</b>	<b>85,488,848</b>	<b>234,624,489</b>	<b>2,036</b>	<b>2.74</b>	<b>5,589</b>
	<b>Totals, divisions 1 to 79.....</b>	<b>128,110</b>	<b>259,522,159</b>	<b>638,943,386</b>	<b>2,026</b>	<b>2.46</b>	<b>4,987</b>
<b>Other Operations</b>							
80	Communications .....	9,178	19,115,917	41,755,407	2,083	2.18	4,550
81	Express .....	7,887	15,977,954	33,769,944	2,026	2.11	4,282
82	Cartage.....	2,358	4,829,804	10,576,118	2,048	2.19	4,485
83	Highway transport (rail).....	599	1,249,780	2,740,150	2,086	2.19	4,575
84	Outside operations .....	7,760	16,167,509	26,423,549	2,083	1.63	3,405
	<b>Totals .....</b>	<b>27,782</b>	<b>57,340,964</b>	<b>115,265,168</b>	<b>2,064</b>	<b>2.01</b>	<b>4,149</b>
	<b>Grand totals .....</b>	<b>155,892</b>	<b>316,863,123</b>	<b>754,208,554<sup>2</sup></b>	<b>2,033</b>	<b>2.38</b>	<b>4,838</b>
85	Number of female employees (monthly average)..	9,836	—	—	—	—	—
86	Salaries and wages charged to operating expenses .....	—	—	672,163,637	—	—	—

<sup>1</sup> Average of counts made each month.<sup>2</sup> Includes \$10,075,638 paid to 1,931 employees domiciled outside Canada and charged to Canadian System. An additional \$4,648,694 expended for the same purpose by U.S. lines operating in Canada is not included because the proper distribution is not available.





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**TABLE 5. Employees and their Compensation, 1963 - Class III and IV Railways**

No.	Division	Number of employees (monthly average) <sup>1</sup>	Time on duty (hours)	Total compensation	Average hours worked	Average salaries and wages	
						Per hour	Per year
				\$		dollars	
	<b>Summary</b>						
1-12	General .....	129	251,478	519,672	1,949	2.07	4,028
13-30	Way and structures .....	143	284,403	565,657	1,989	1.99	3,956
31-45	Equipment .....	92	194,034	435,166	2,109	2.24	4,730
46-79	Transportation .....	268	548,696	1,123,626	2,047	2.05	4,193
	<b>Totals, divisions 1 to 79 .....</b>	<b>632</b>	<b>1,278,611</b>	<b>2,644,121</b>	<b>2,023</b>	<b>2.07</b>	<b>4,184</b>
80	Communications .....	-	-	-	-	-	-
81	Express .....	3	7,488	10,066	2,496	1.34	3,355
82	Cartage .....	-	-	-	-	-	-
83	Highway transport (rail) .....	-	-	-	-	-	-
84	Outside operations .....	-	-	-	-	-	-
	<b>Totals, divisions 80 to 84 .....</b>	<b>3</b>	<b>7,488</b>	<b>10,066</b>	<b>2,496</b>	<b>1.34</b>	<b>3,355</b>
	<b>Grand totals .....</b>	<b>635</b>	<b>1,286,099</b>	<b>2,654,187</b>	<b>2,025</b>	<b>2.06</b>	<b>4,180</b>
85	Number of female employees (monthly average)	25	-	-	-	-	-
86	Salaries and wages charged to operating expenses .....	-	-	2,478,146	-	-	-
87	Pullman and International Bridge Company <sup>2</sup> ....	44	99,399	251,422	2,259	2.53	5,714

<sup>1</sup> Average of counts made each month.

<sup>2</sup> Included with "Class III and IV Railways."

**TABLE 6. Employees and their Compensation, 1963 - All Railways**

No.	Division	Number of employees (monthly average) <sup>1</sup>	Time on duty (hours)	Total compensation	Average hours worked	Average salaries and wages	
						Per hour	Per year
				\$		dollars	
	<b>Summary</b>						
1-12	General .....	29,923	59,098,800	151,194,031	1,975	2.56	5,053
13-30	Way and structures .....	27,529	58,471,951	118,753,952	2,124	2.03	4,314
31-45	Equipment .....	29,034	57,192,475	135,891,409	1,970	2.38	4,680
46-79	Transportation .....	42,256	86,037,544	235,748,115	2,036	2.74	5,579
	<b>Totals, divisions 1 to 79 .....</b>	<b>128,742</b>	<b>260,800,770</b>	<b>641,587,507</b>	<b>2,026</b>	<b>2.46</b>	<b>4,984</b>
80	Communications .....	9,178	19,115,917	41,755,407	2,083	2.18	4,550
81	Express .....	7,890	15,985,442	33,780,010	2,026	2.11	4,281
82	Cartage .....	2,358	4,829,804	10,576,118	2,048	2.19	4,485
83	Highway transport (rail) .....	599	1,249,780	2,740,150	2,086	2.19	4,575
84	Outside operations .....	7,760	16,167,509	26,423,549	2,083	1.63	3,405
	<b>Totals, divisions 80 to 84 .....</b>	<b>27,785</b>	<b>57,348,452</b>	<b>115,275,234</b>	<b>2,064</b>	<b>2.01</b>	<b>4,149</b>
	<b>Grand totals .....</b>	<b>156,527</b>	<b>318,149,222</b>	<b>869,483,788<sup>2</sup></b>	<b>2,033</b>	<b>2.73</b>	<b>5,555</b>
85	Number of female employees (monthly average)	9,861	-	-	-	-	-
86	Salaries and wages charged to operating expenses .....	-	-	674,641,783	-	-	-

<sup>1</sup> Average of counts made each month.

<sup>2</sup> Includes \$10,133,730 paid to 1,957 employees domiciled outside Canada and charged to Canadian System. An additional \$4,701,217 expended for the same purpose by U.S. lines operating in Canada is not included because the proper distribution is not available.