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RAILWAY TRANSPORT

1962

PART VI

(Employment Statistics)

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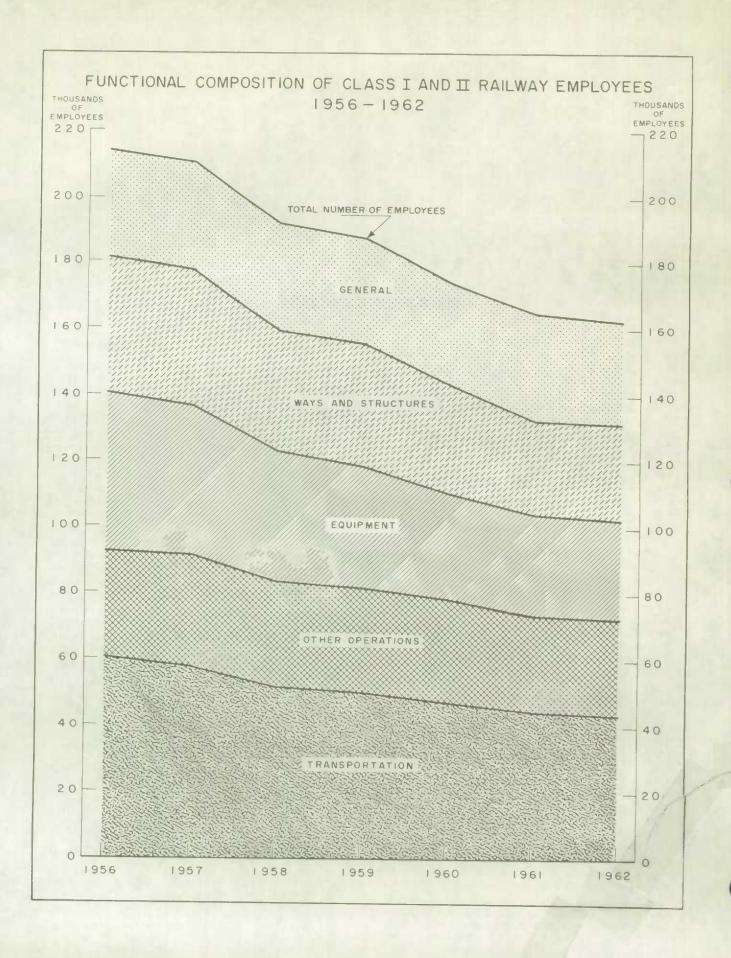
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RAILWAY TRANSPORT

1962

PART VI

(Employment Statistics)

Presented in this report are employment statistics of common carrier railways operating in Canada for the calendar year 1962. On pages 6 to 9 are details concerning the two class I roads, the Canadian National Railways and the Canadian Pacific Railway Company, while on pages 10 and 11 are those of nineteen class II railways (having average gross revenues of \$500,000 or more annually). Statistics of class III and IV carriers (those averaging less than \$500,000 annually and other companies such as terminal, bridge, tunnel and pullman) are shown in condensed form on page 14.

The classification of employees followed in reporting the data contained herein is that prescribed by the Board of Transport Commissioners for Canada and the Dominion Bureau of Statistics entitled, "Canadian Classification of Railway Employees and their Compensation", which became effective January 1, 1956.

For the "Number of Employees - Monthly Average", as shown in the first column of the tables in this report, employees are counted once each month and the average of the twelve monthly counts for each division are entered. Employees whose assigned day off may fall on the day of the count and employees absent on vacation or leave with pay are included in the count; employees on leave without pay are excluded. Under "Time on Duty", the number of hours actually worked, or held for duty under pay, are 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 when paid for but excluded when not paid for. The column headed, "Total Compensation" contains salaries and wages earned by the employees and charged to operating, capital and other accounts, including vacations and holidays with pay and before deduction for income tax, unemployment insurance, etc.

Earnings in 1962 reflect increases resulting from agreements entered into by management, labour and unions representing the principal groups of operating and non-operating railway employees. In addition to wage increases (part of which were retroactive) negotiations and contract revisions were aimed at providing a greater degree of work security, updating seniority and related rules and re-examining annual vacation provisions. Presented in the following table is the 1961 portion of retroactive salary and wage increases, by functional group, paid by the railways in 1962 and embodied in compensation data shown throughout this report.

Division	Wage increases for 1961 paid, and included in 1962 earnings
	\$
General	3,525
Way and structures	2,718
Equipment	2, 195
Transportation	638,686
Total	647, 124
Other Operations	
Grand total	647, 124

For the sixth consecutive year railway employment in Canada has declined. Persons engaged in the industry in 1962 averaged 162,861, some 3,200 less than in 1961, a decrease of 1.9 per cent. The total payroll was also down from the previous year aggregating \$747.3 million in 1962 as against \$748.1 million a year earlier. The hourly wage of railway employees averaged \$2.30, an increase of four cents over the 1961 average. Average annual earnings per employee increased slightly to \$4,589 from \$4,504.

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

Index of Average Salaries and Wages of Railway Employees, 1962

(1956 - 1958 = 100)

Functional group	Index
General	124.9
Way and structures	127.4
Equipment	121.7
Transportation	118.1
Other Operations	122.1

The Canadian National Railways employed an average of 90,764 persons during 1962, down 1.6 per cent from 92,238 the previous year. Hours actually worked declined 1.8 per cent to 179.6 million, while the total salaries and wages rose 0.5 per cent to \$413.3 million. Canadian National employees worked an average of 1,979 hours during the year, virtually the same as in 1961. Average hourly rates were up five cents, to \$2.30 and annual earnings averaged \$4,554 as against \$4,458 a year earlier.

The Canadian Pacific Railway Company averaged 62,234 employees during 1962, down 1,460 persons or 2.3 per cent from 63,694 in 1961. Those working in 1962 were on duty a total of 123.8 million hours, 2.3 per cent fewer than the previous year and the total payroll declined 1.2 per cent to \$280.9 million. C.P.R. employees on the average worked 1,989 hours in 1962, exactly the same as the year earlier, while hourly wage rates were up three cents to \$2.27. Annual earnings rose slightly to \$4,513 from \$4,463.

Railway employment on class II roads (those having average gross annual revenues of \$500,000 or more) declined 2.7 per cent to 9,202 in 1962. The average hours worked rose slightly to 2,204 from 2,117 while wages per hour were one cent higher at \$2.49. The average annual salary was \$5,481 in comparison with \$5,260 in 1961.

The numbers of employees engaged in each of the functional groups on class I and II railways in Canada decreased each year between 1956 and 1960 but have remained relatively constant since (see chart page 4). The largest annual decrease for each group in railway operations was between 1959 and 1960. In comparing employment between 1956 and 1962 the numbers of railway employees engaged in "General" and in "Other Operations" groups decreased 7.2 per cent and 11.2 per cent, respectively. The "Transportation" group diminished 27.3 per cent; "Way and Structures", 28.2 per cent and "Equipment" by 37.8 per cent.

June 19, 1963

TABLE 1. Employees and their Compensation, 1962 - Canadian National Railways

	Division	Number of employees	oyees on duty	Total	Average	sal	erage aries wages
No.	Division	(monthly average) ¹		compen- sation	worked	Per	Per year
				\$		do	llars
	General						
1 2	Executives, officers and assistants Professional and sub-professional assistants	1,512 2,028	3,078,790 4,035,367	14, 067, 409 12, 344, 084	2,036 1,990	4.57	9,304
3	Chief, assistant chief and supervisory clerks	886	1,729,397	4,914,020	1,952	2.84	5, 546
4	Clerks, stenographers and office machine operators	9,749	19, 172, 198	39,651,715	1,967	2.07	4.067
5	Telephone switchboard operators, office boys	172	339,710	457,050	1,975	1.35	2,657
6	Janitors and other building attendants	640	1, 176, 628	2,098,499	1,838	1.78	3, 279
7 8	Service vehicle operators Miscellaneous trades workers	120 276	259, 416 536, 193	519,746 1,241,624	2,162 1,943	2.00	4, 331
9	Police inspectors, sergeants, special agents						
10	and investigators	126 433	240,360 883,165	769,449 1,955,517	1,908	3.20	6, 107
11	Stores general foremen, foremen and assistants	129	259, 273	659,576	2,010	2.54	5,113
12	Storemen and stores labourers (non-clerical)	1,714	3, 263, 237	6, 463, 378	1,904	1.98	3,771
	Totals	17, 785	34,973,734	85, 142, 067	1,966	2.43	4, 787
	Way and Structures						
13	B. & B. masters, roadmasters and assistants	427	901, 938	2,821,007	2, 112	3.13	6,60
14	Maintenance of way and scale inspectors B. & B. department foremen	330	99,329 648,636	264, 696 1, 710, 470	1,987	2.66	5, 29
16	B. & B. carpenters and bridgemen	1,281	2, 459, 026	5, 279, 854	1,920	2.15	4, 12
17	Blacksmiths, pipefitters and tinsmiths	185 562	350, 445 1, 111, 909	861,833	1,894	2.46	4,65
19	Helpers, B. & B. department	140 269	260, 418 519, 316	504,603 923,386	1,860	1.94	3,60
20 21	Labourers, bridge, building and signal	697	1,693,957	3,891,515	2,430	2.30	5, 58
22	Pumpmen Extra gang and snow plow foremen	10 202	22, 113 580, 925	44,302 1,453,653	2,211	2.00	7, 19
23 24	Section foremen	2,367	4,693,032	10,009,871	1,983	2.13	4, 22
25 26	Labourers, extra gang Sectionmen	2,589 7,062	6,356,791 13,450,068	8, 526, 030 24, 609, 513	2,455 1,905	1.34	3, 29
27	General and assistant general foremen and in-						
28	spectors (signal and electrical transmission) Foremen, signal and electrical transmission	83	170,848 203,876	572, 631 579, 761	2,058	3.35	6, 89
29	Signal and interlocker maintainers and helpers	807	1,602,382	3,533,054	1,986	2.20	4, 37
30	Linemen and groundmen, electrical transmission	31	59, 183	144, 182	1,909	2.44	4,65
	Totals	17, 193	35, 184, 192	68, 320, 957	2,046	1.94	3,97
	Equipment						
31	General foremen, foremen and assistant foremen Blacksmiths	1,684	3,306,636 305,830	10,002,208	1,964	3.02	5,94
32 33	Boilermakers	298	555,054	1,384,533	1,863	2.49	4,64
34	Carmen, coach and locomotive	1, 275 3, 776	2,420,505 7,266,159	5,907,226	1.898	2.44	4,63
35 3 6	Electrical workers	1,071	2,094,910	5, 122, 539	1,956	2.45	4,78
37 38	Machinists	1,823	3,460,005	8,534,526	1,898	2.47 2.51	4,68
39	Pipefitters and sheet metal workers	804	1,520,976	3,737,000	1,892	2.46	4, 64
40	Helpers to mechanics	1,591	3,065,877 1,087,224	6,344,614	1,927	2.07	3,98
42	Coach cleaners	651	1,248,886	2, 296, 522	1,918	1.84	3, 52
43	Classified labourers (shops, enginehouses and power plants)	1,215	2,298,958	4, 360, 543	1,892	1.90	3, 58
44	Unclassified labourers (shops, enginehouses and					1.81	3, 31
45	power plants) Stationary engineers, firemen and oilers	742 190	1,358,157 374,159	2, 462, 168 831, 059	1,830	2. 22	4, 37
	Totals	15,867	30, 376, 532	70, 688, 658	1,914	2.33	4, 45

TABLE 1. Employees and their Compensation, 1962 - Canadian National Railways - Concluded

		Number of Time employees on compen-		Average	sal	erage aries wages	
0.	Division	(monthly average)1	duty (hours)	compen- sation	worked F	Per hour	Per
				\$		dol	lars
	Transportation						
6	Chief train despatchers	70 321	157,957 644,311	599,091 2,216,321	2, 257 2, 007	3.79	8, 58 6, 90
8	Train despatchers Supervisory agents and assistants	411	864, 755	2, 063, 645	2, 104	2. 39	5,0
9	Agents and caretaker agents at small stations	14	28,833	72, 249	2,060	2. 51	E 1
)	(non-telegraphers)	2,883	5, 907, 743	13, 372, 036	2,049	2. 26	5, 1
	Levermen (non-telegraphers) at interlockers	19	38,447	82, 108	2,024	2.14	4, 3
	Baggage, parcel room and station attendants	404	807,696	1,482,671	1,999	1.84	3,6
3	General foremen and foremen in freight sheds Freight handlers and freight shed operators	254 2, 105	533,774 3,450,158	1, 262, 885 6, 990, 960	2, 101	2.37	4,9
5	Labourers	556	1,046,468	1,881,317	1,882	1.80	3, 3
3	Dining car and restaurant inspectors	70	139, 127	375, 795	1,988	2.70	5,3
7	Dining car stewards, chefs, cooks and waiters	649	1, 415, 042	2, 454, 481	2, 180	1.73	3,7
	Restaurant managers, chefs, cooks and waiters	352	855, 005	1, 223, 892	2,429	1.43	3,4
}	Sleeping and parlour car conductors	67	159,439	355,014	2, 380	2. 23	5, 2
	Porters and other train attendants	524	1, 132, 387	1, 925, 595	2, 161	1.70	3, 6
	Bridge operators	67	145, 236	297, 249	2, 168	2.05	4, 4
3	Crossing watchmen and gatemen	248	488,503	868,054	1,970	1.78	3, 5
	Floating equipment employees	468	917,955	2, 145, 700	1,961	2. 34	4,5
	Sub-totals	9,482	18,732,836	39, 669, 063	1,976	2. 12	4, 1
	Yardmasters and assistants	407	698,614	2, 156, 557	1,716	3.09	5, 2
	Switch tenders	236	421,102	897,660	1,784	2.13	3,8
	Hostlers	248	530,741	1, 225, 193	2, 140	2. 31	4,9
	Sub-totals	891	1,650,457	4, 279, 410	1,852	2. 59	4,8
	Road passenger conductors	326	639, 104	2, 406, 776	1,960	3.77	7, 3
	Road freight conductors	1,039	2, 222, 161	7,701,343	2, 139	3.47	7, 4
	Road passenger brakemen and baggagemen	761 2, 358	1,429,733	4,406,826	1,879	3.08	5, 7
)	Yard foremen	1, 160	2, 306, 401	6, 266, 368	1,988	2.72	5, 4
	Yard helpers	2, 492	4,631,397	11, 552, 535	1,859	2.49	4,6
	Road passenger engineers and motormen	402	649, 241	3,603,914	1,615	5.55	8,9
	Road freight engineers and motormen	1, 208	2, 225, 712	9, 353, 791	1,842	4.20	7.7
7	Yard engineers and motormen Road passenger firemen and helpers	968 348	2, 349, 444 564, 876	6,603,355	2, 427	2.81	6,8
3	Road freight firemen and helpers	1, 179	2, 136, 215	2, 545, 306 7, 182, 202	1,623	4.51	6.0
	Yard firemen and helpers	965	2, 169, 156	4, 940, 793	2, 248	2. 28	5, 1
	Sub-totals	13, 206	25, 639, 463	79, 540, 453	1,942	3. 10	6,0
	Totals	23, 579	46,022,756	123, 488, 926	1,952	2. 68	5, 2
	Totals, divisions 1 to 79	74, 424	146, 557, 214	347, 640, 608	1,969	2.37	4, 6
	Other Operations						
	Communications	5, 590	11, 284, 677	24, 121, 087	2,019	2. 14	4, 3
	Express	6, 262	12, 647, 362	26, 190, 335	2,020	2.07	4, 1
	Cartage	-	-	-	_	-	
	Highway transport (rail) Outside operations	789 3,699	1,625,915 7,521,348	3, 382, 420 12, 001, 524	2,061	2.08	4, 2
					2,033		3, 2
	Totals	16, 340	33, 079, 302	65, 695, 366	2,024	1. 99	4,0
	Grand totals	90, 764	179, 636, 516	413, 335, 9742	1,979	2.30	4, 5
	Number of female employees (monthly average)	4,856	THE -	-	-	_	
,	Salaries and wages charged to operating ex-			364,018,815			
	penses			301, U10, 013			

Average of counts make each month.
 Includes \$1,445,230 paid to 337 employees domiciled outside Canada and charged to the Canadian system.

TABLE 2. Employees and their Compensation, 1962 - Canadian Pacific Railway Company

	Division	Number of employees	Time on	Total	Average	Sal	erage aries wages
No.	Division	(monthly average)1	duty (hours)	compen- sation	hours worked	Per hour	Per year
				\$		do	llars
	General						
1	Executives, officers and assistants	983	1,955,511	10,314,449	1,989	5.27	10,493
2	Professional and sub-professional assistants Chief, assistant chief and supervisory clerks	364 824	716,183 1,633,586	2,257,528 4,706,613	1,968	3.15	6,202 5,712
4	Clerks, stenographers and office machine oper-		1,000,000	1,100,010	1,002	2.00	0,112
5	Telephone switchboard operators, office boys	7,289	14,410,743	29,895,328	1,977	2.07	4,101
0	and sorters	334	647, 481	933,869	1,939	1.44	2,796
6	Janitors and other building attendants	376	718,022	1,132,473	1,910	1.58	3,012
7 8	Service vehicle operators	35 24	73,465 48,685	155,871 112,324	2,099	2.12 2.31	4,453
9	Police inspectors, sergeants, special agents and						1,000
10	investigators	120	284, 908	692,209	2,374	2.43	5,768
10	Constables and policemen	398	809,791 184,226	1,963,602 481,802	2,035	2.42 2.62	4,934
12	Storemen and stores labourers (non-clerical)	419	801,837	1,614,527	1,914	2.01	3,853
	Totals	11,262	22, 284, 438	54, 260, 595	1,979	2.43	4,818
	Way and Structures						
13	B. & B. masters, roadmaters and assistants	323	628,663	2, 194, 785	1,946	3, 49	6, 795
14	Maintenance of way and scale inspectors	10	19,527	53, 214	1,953	2.73	5,321
15 16	B. & B. carpenters and bridgemen	178	361,924 1,365,225	907,751 2,907,904	2,033 1,950	2.51	5,100 4,154
17	Blacksmiths, pipefitters and tinsmiths	71	141, 131	341,803	1,988	2.42	4,814
18	Masons, painters and other journeymen	258	525, 132	1,185,302	2,035	2.26	4,594
19	Helpers, B. & B. department	64 217	128, 972 445, 079	253, 221 763, 910	2,015	1.96	3,957
21	Work equipment operators and helpers	408	1,034,749	2,332,597	2,536	2.25	5,717
22	Pumpmen	66	3, 219	7,044	3,219	2.19	7,044
23	Extra gang and snow plow foremen	1.786	205,861 3,618,615	504,063	3,119 2,026	2.45	7,637
25	Labourers, extra gang	771	2,148,643	2,736,935	2,787	1.27	3,550
26	Sectionmen	4,176	8,138,098	15,013,885	1,949	1.84	3,595
24 5	spectors (signal and electrical transmission)	14	27, 235	107,388	1,945	3.94	7,671
28	Foremen, signal and electrical transmission	28	58, 299	177, 902	2,082	3 05	6,354
29	Signal and interlocker maintainers and helpers Linemen and groundmen, electrical transmission	403	903,788	1,927,215	2,243 2,101	2.13	4,782
	Totals	9, 493	19,794,087	39, 188, 032	2,085	1.98	4, 128
	Equipment						
21		000	1 560 050	5 126 102	1 052	3 27	6 200
31	General foremen, foremen and assistant foremen Blacksmiths	802	1,566,058 214,619	5, 126, 183 538, 862	1,953	3.27	6,392
33	Boilermakers	151	290, 357	724,588	1,923	2.50	4,799
34	Carmen, freight	2,700	1,337,563 5,212,204	3,300,793 12,294,419	1,908	2.47	4,709
35	Electrical workers	635	1, 239, 137	3,061,228	1,951	2.47	4,821
37	Machinists	1,284	2, 440, 045	6,052,988	1,900	2.48	4,714
38	Moulders Pipefitters and sheet metal workers	410	16, 369 777, 844	41,446 1,921,857	1,819	2.53	4,605
40	Helpers to mechanics	2,097	4,064,047	8,440,329	1,938	2.08	4,025
41	Apprentices	389	753, 642	1, 320, 685	1,937	1.75	3,395
42	Classified labourers (shops, enginehouses and	652	1,262,744	2, 333, 084	1,937	1.85	3,578
70	power plants)	907	1,765,799	3, 242, 650	1,947	1.84	3,575
44	Unclassified labourers (shops, enginehouses and	000			1 004	1 00	
45	power plants) Stationary engineers, firemen and oilers	988 226	1,910,531 464,348	3,438,015 1,019,438	1,934 2,055	1.80 2.20	3,480 4,511
	Totals	12,064	23, 315, 307	52,856,565	1,933	2.27	4,381

See footnote at end of table.

TABLE 2. Employees and their Compensation, 1962 - Canadian Pacific Railway Company - Concluded

		Number of	Time	Total	Average	sal	erage aries wages
10.	Division	employees (monthly average) ¹	monthly duty	compen- sation	hours worked	Per hour	Per
				\$		dol	ars
	Transportation						1
6	Chief train despatchers	41	88,704	418, 497	2, 164	4.72	10, 20
7	Train despatchers	211	392,773	1,379,074	1, 861	3.51	6,5
8	Supervisory agents and assistants	280	573, 648	1, 633, 077	2,049	2. 85	5, 8
	(non-telegraphers)	63	125, 422	203, 203	1,991	1.62	3, 2
0	Station agents, telegraphers and telephones	1, 973	3, 938, 022	9,042,159	1,996	2.30	4,5
1 2	Levermen (non-telegraphers) at interlockers Baggage, parcel room and station attendants	76	150, 839	309, 399	1, 985	2.05	4.0
3	General foremen and foremen in freight sheds	357 199	710,621 394,338	1, 259, 159 998, 350	1,991	1.77 2.53	3,5
	Freight handlers and freight shed operators	2, 554	4, 821, 979	10, 059, 380	1,888	2.09	3,9
5	Labourers	372	729, 509	1, 332, 534	1,961	1.83	3,5
8	Dining car and restaurant inspectors	24	51, 583	143, 323	2, 149	2.78	5,9
3	Dining car stewards, chefs, cooks and waiters Restaurant managers, chefs, cooks and waiters	515 118	1, 220, 417 247, 997	1, 924, 923	2,370	1.58	3.7
	News agents	110	259, 407	312, 127 422, 987	2, 102	1. 26	2,6 3,8
	Sleeping and parlour car conductors	96	227, 645	434, 320	2,376	1.91	4.5
	Porters and other train attendants	455	972,822	1,609,527	2, 138	1.65	3,5
2	Bridge operators	31	66,753	155,019	2, 153	2.32	5,0
3	Crossing watchmen and gatemen	81	164,511	291, 550	2,031	1.77	3,5
	Floating equipment employees	17	27,087	83,097	1,593	3.07	4,8
	Sub-totals	7, 573	15, 164, 077	32, 011, 705	2, 002	2. 11	4, 2
	Yardmasters and assistants	337	610,039	1,999,786	1,810	3. 28	5, 9
	Switch tenders	105	207,611	437,782	1,977	2.11	4.1
	Hostlers	80	191, 108	411, 945	2, 389	2. 16	5, 1
	Sub-totals	522	1, 008, 758	2, 849, 513	1, 932	2. 82	5, 4
3	Road passenger conductors	185	345,577	1, 379, 760	1,868	3.99	7.4
	Road freight conductors	794	1, 592, 896	5,606,032	2,006	3.52	7.0
	Road passenger brakemen and baggagemen	407	717,634	2, 380, 446	1.763	3, 32	5,8
	Road freight brakemen Yard foremen	1,776	3, 139, 432 1, 572, 262	9,396,135 4,166,398	1,768 2,102	2. 99	5,2
	Yard helpers	1, 827	3, 367, 487	8, 135, 513	1, 843	2.42	4, 4
	Road passenger engineers and motormen	233	361, 797	2,038,326	1,553	5.63	8,7
	Road freight engineers and motormen	892	1, 68 1, 740	7,078,501	1,885	4. 21	7.9
	Yard engineers and motormen	669	1,609,663	4, 341, 902	2,406	2.70	6, 4
	Road passenger firemen and helpers	173 865	247, 079 1, 634, 190	1, 121, 821 5, 399, 920	1,428 1,889	4.54	6, 2
	Yard firemen and helpers	640	1, 511, 582	3, 215, 907	2,362	2. 13	5.0
	Sub-totals	9, 209	17, 781, 339	54, 260, 661	1, 931	3. 05	5,8
	Totals	17, 304	33, 954, 174	89, 121, 879	1, 962	2. 62	5, 1
	Totals divisions 1 to 79	50, 123	99, 348, 006	235, 427, 071	1, 982	2. 37	4, 6
	Other Operations					-	
	Communications	3,600	7,428,717	14.533.251	2,064	1.96	4,0
	Express	3,605	7,093,568	14, 882, 983	1,968	2. 10	4.1
	Cartage	430	850, 124	1,624,684	1,977	1.91	3,7
	Highway transport (rail) Outside operations	20 4, 456	39, 973 9, 014, 836	85, 649 14, 336, 720	1,999	2. 14	4, 2
	Totals	12, 111	24, 427, 218	45, 463, 287	2, 017	1.86	3, 7
	Grand totals	62, 234	123, 775, 224	280, 890, 358 ²	1, 989	2. 27	4.5
	Number of female employees (monthly average) Salaries and wages charged to operating ex-	4, 754	-	-	-	-	
-	penses			246, 249, 916			

Average of counts made each month.
 Includes \$7,219,563 paid to 1,376 employees domiciled outside Canada and charged to the Canadian System.

TABLE 3. Employees and their Compensation, 1962 - Class II Railways¹

		Number of employees	Time	Total	Average	sal	Average salaries and wages	
0.	Division	(monthly average) ²	duty (hours)	compen- sation	hours worked	Per hour	Per	
				\$		doll	lars	
	General							
1	Executives, officers and assistants	244	485,074	2, 369, 478	1,988	4.88	9,71	
2	Professional and sub-professional assistants	94	225, 623	689,140	2,400	3.05	7, 3:	
3 4	Chief, assistant chief and supervisory clerks	104	215,024	615, 243	2,068	2. 86	5,9	
*	Clerks, stenographers and office machine operators	878	1,786,419	3,968,424	2,035	2.22	4, 5	
5	Telephone switchboard operators, office boys					. 54	0.01	
6	Janitors and other building attendants	30 58	68, 513 117, 974	119, 397 224, 690	2,284	1.74	3, 9	
7	Service vehicle operators	35	82, 321	174.055	2, 352	2.11	4,9	
8	Miscellaneous trades workers	2	3,998	8,673	1,999	2. 17	4,3	
9	Police inspectors, sergeants, special agents and		11 000	24 051	1 067	2 00	E 6	
0	investigators	52	11,802	34, 051 244, 688	1,967	2, 89	5,6	
1	Stores general foremen, foremen and assistants	23	44, 239	124,035	1,923	2.80	5,3	
2	Storemen and stores labourers (non-clerical)	104	188, 102	362,840	1,809	1.93	3, 4	
	Totals	1,630	3, 342, 540	8,934,714	2,051	2,67	5,4	
	Way and Structures	777						
3	B. & B. masters, roadmasters and assistants	48	110,396	347,787	2,300	3.15	7, 2	
4	Maintenance of way and scale inspectors	1	1,226	3,435	1,226	2,80	3,4	
5	B. & B. department foremen	38	81,393	226,761	2,142	2.79	5,9	
6	B. & B. carpenters and bridgemen	136	316, 740 7, 964	662,672	2,329	2.09	4,8	
7 8	Masons, painters and other journeymen	36	77,677	197,547	2, 158	2.54	5,4	
9	Helpers, B. & B. department	3	5, 130	14, 232	1,710	2.77	4,7	
0	Labourers, bridge, building and signal	65	141,675	348, 683	2,180	2.46	5,3	
1	Work equipment operators and helpers	153	439,986 8,796	1, 180, 814	2,876	2.68	7,7	
3	Pumpmen Extra gang and snow plow foremen	57	125, 563	413,771	2,203	3.30	7, 2	
4	Section foremen	329	687, 211	1,509,294	2,089	2.20	4,5	
5	Labourers, extra gang	378	947,624	1,765,659	2,507	1.86	4,6	
6	General and assistant general foremen and in-	1, 142	2,411,427	4, 368, 338	2,112	1.81	3,8	
1	spectors (signal and electrical transmission)	9	19,059	68,071	2,118	3.57	7,5	
8	Foremen, signal and electrical transmission	16	35,744	114,678	2, 234	3. 21	7.1	
9	Signal and interlocker maintainers and helpers	108	249, 495 66, 128	636,925 181,050	2,310	2.55	5,8	
0	Linemen and groundmen, electrical transmission	33	00,120					
	Totals	2,558	5, 733, 234	12,082,486	2, 241	2.11	4,7	
	Equipment					Habil		
1	General foremen, foremen and assistant foremen	179	382, 815	1,184,156	2, 139	3.09	6,6	
2	Blacksmiths	19	36,889	86,922	1,942 2,005	2. 36	4.5	
3	Boilermakers	153	44, 103 355, 056	104,987	2,005	2. 89	6,6	
5	Carmen, freight		912, 319	2, 288, 755	2, 152	2.51	5,3	
6	Electrical workers	109	229,964	619,789	2,110	2.70	5, 6	
7	Machinists	198	411,652	1,040,371	2,079	2.53	5, 2	
8	Moulders Pipefitters and sheet metal workers	26	54,462	131,095	2,095	2.41	5,0	
9	Helpers to mechanics		487,419	985, 462	2,065	2.02	4.1	
1	Apprentices	43	81,848	142, 299	1,903	1.74	3,3	
2	Coach cleaners	46	93,945	182,997	2,042	1.95	3, 9	
3	Classified labourers (shops, enginehouses and power plants)	108	240, 479	460, 699	2,227	1.92	4,2	
4	Unclassified labourers (shops, enginehouses and		the state of	001 054	2 104	1 70	2.5	
E	power plants)	80 22	168, 334 42, 419	301,654 97,222	2, 104	1.79	3,7	
15					The part of			
	Totals	1,665	3, 541, 704	8,650,805	2,127	2.44	5,	

TABLE 3. Employees and their Compensation, 1962 - Class II Railways1 - Concluded

		Number of employees	Time on	Total	Average	sal	erage aries wages
To.	Division	(monthly average) ²	duty (hours)	compen- sation	hours worked	Per	Per
				\$		do	llars
	Transportation						
4.0	Chief train degratchers	15	20 770	190 540	0.051	4 10	0 450
46	Chief train despatchers Train despatchers	15 80	30, 770 149, 317	126,746 552,011	2,051	4. 12 3. 70	8,450 6,900
48	Supervisory agents and assistants	42	91,362	260,651	2, 175	2.85	6,206
49	Agents and caretaker agents at small stations (non-telegraphers)	15	29, 172	75, 443	1, 945	2.59	5,030
50	Station agents, telegraphers and telephoners	342	699, 261	1,718,585	2. 045	2. 46	5,025
51	Levermen (non-telegraphers) at interlockers	9	18, 689	44, 242	2,077	2.37	4,910
52	Baggage, parcel room and station attendants General foremen and foremen in freight sheds	20 40	39, 675	85,061 182,894	1,984	2. 14	4, 25
54	Freight handlers and freight shed operators	215	82, 386 411, 535	901, 399	2,060	2. 22 2. 19	4,573
55	Labourers	50	117, 364	230, 136	2,347	1.96	4,60
56	Dining car and restaurant inspectors	1	2,696	4,593	2,696	1.70	4,593
57 58	Dining car stewards, chefs, cooks and waiters Restaurant managers, chefs, cooks and waiters	81	95, 210 222, 417	171,674 469,831	2, 322 2, 746	1. 80	4, 187 5, 800
59	News agents		- AZA, 111	103,001	2, 120	2. 11	-
60	Sleeping and parlour car conductors	-		_	-	_	_
61	Porters and other train attendants	26	64,326	124,650	2,474	1.94	4, 79
62 63	Bridge operators	17	29, 747 2, 074	68,879 3,485	1,750 2,074	2. 32 1. 68	4,05
64	Floating equipment employees	43	101,872	210,696	2,369	2.07	4,90
	Sub-totals	1, 038	2, 187, 873	5, 230, 976	2, 108	2.39	5,03
35	Yardmasters and assistants	51	104,040	345.014	2,040	3.32	6,76
66	Switch tenders	1	1,485	4,356	1,485	2.93	4,35
67	Hostlers	48	96, 138	23 1, 309	2,003	2.41	4,81
	Sub-totals	100	201,663	580,679	2,017	2.88	5,80
68	Road passenger conductors	36	120, 152	329,809	3,338	2.74	9, 16
69	Road freight conductors	183	436,564	1, 445, 570	2, 386	3.31	7,899
70 71	Road passenger brakemen and baggagemen Road freight brakemen	69 369	220,712 814,110	513, 489 2, 358, 528	3, 199 2, 206	2.33	7,44
72	Yard foremen	145	367, 067	1, 035, 818	2,531	2. 82	7, 14
73	Yard helpers	284	681,801	1,792,494	2,401	2.63	6,31
74	Road passenger engineers and motormen	44	116, 187	437, 505	2,641	3.77	9,94
75 76	Road freight engineers and motormen	189 134	444,764 354,015	1,743,092 1,025,027	2,353	3.92 2.90	9, 22
77	Road passenger firemen and helpers	37	98,386	314, 868	2,659	3.20	8,510
78	Road freight firemen and helpers	158	368, 821	1, 106, 357	2, 334	3.00	7,00
79	Yard firemen and helpers	131	323, 553	813, 113	2,470	2.51	6, 20'
	Sub-totals	1,779	4, 346, 132	12,915,670	2,443	2.97	7, 260
	Totals	2,917	6, 735, 668	18,727,325	2,309	2.78	6, 420
	Totals, divisions 1 to 79	8,770	19, 353, 146	48,395,330	2, 207	2.50	5,518
	Other Operations						
80	Communications	408	87 2, 689	1,932,837	2, 139	2. 21	4,73
81	Express	20	43,782	89, 939	2, 189	2.05	4,49
82	Cartage Highway transport (rail)	3 1	6, 784 1, 961	13,814 5,361	2, 261	2. 04	4,60 5,36
84	Outside operations		-	-		_	-
	Totals	432	925, 216	2,041,951	2, 142	2. 21	4,72
	Grand totals	9, 202	20, 278, 362	50, 437, 2813	2, 202	2.49	5,48
85	Number of female employees (monthly average)	401				_	
86	Salaries and wages charged to operating ex-			50 620 01E			
	penses	_	_	52, 639, 015	_	_	

¹ Excludes 193 employees, 412,120 hours, and \$1,691,690 of the B.C. Electric Railway Co. Ltd. for which only an arbitrary breakdown is available.

² Average of counts made each month.

³ Includes \$982,620 paid to 190 employees domiciled outside Canada and charged to Canadian System. An additional \$5,133,445 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, 1962 - Class I and II Railways

		Number of employees	Time	Total	Average	sal	erage aries wages
No.	Division	(monthly average)1	hly duty	compen- sation	hours worked	Per hour	Per
				\$		dol	llars
	General						-
	Gellerat						
1 2 3 4	Executives, officers and assistants	2,739 2,486 1,814	5,519,375 4,977,173 3,578,007	26,751,336 15,290,752 10,235,876	2,015 2,002 1,972	4.85 3.07 2.86	9,76 6,15 5,64
5	ators Telephone switchboard operators, office boys	17.916	35, 369, 360	73, 515, 467	1,974	2.08	4,10
6789	and sorters Janitors and other building attendants Service vehicle operators Miscellaneous trades workers Police inspectors, sergeants, special agents and	536 1,074 190 302	1,055,704 2,012,624 415,202 588,876	1,510,316 3,455,662 849,672 1,362,621	1,970 1,874 2,185 1,950	1.43 1.72 2.05 2.31	2,81 3,21 4,47 4,51
10 11 12	investigators	252 883 248 2,237	537,070 1,806,407 487,738 4,253,176	1,495,709 4,163,807 1,265,413 8,440,745	2,131 2,046 1,967 1,901	2.78 2.30 2.59 1.98	5.93 4.71 5,10 3.77
	Totals	30,677	60, 600, 712	148, 337, 376	1,975	2. 45	4,83
	Way and Structures			11000			
13 14 15 16 17 18 19 20 21 22 22 22 22 22 26 27 28 29	B.&B. masters, roadmasters and assistants Maintenance of way and scale inspectors B.&B. department foremen B.&B. carpenters and bridgemen Blacksmiths, pipefitters and tinsmiths Masons, painters and other journeymen Helpers, B. & B. department Labourers, bridge, building and signal Work equipment operators and helpers Pumpmen Extra gang and snow plow foremen Section foremen Labourers, extra gang Sectionmen General and assistant general foremen and inspectors (signal and electrical transmission) Foremen, signal and electrical transmission Signal and interlocker maintainers and helpers Linemen and groundmen, electrical transmission Totals	798 61 546 2,117 259 856 207 551 1,258 14 325 4,482 3,738 12,380 106 145 1,318 83 29,244	1,640,997 120,082 1,091,953 4,140,991 499,540 1,714,718 394,520 1,106,070 3,168,692 34,128 912,349 8,998,858 9,453,058 23,999,593 217,142 297,919 2,755,665 165,238	5,363,579 321,345 2,844,982 8,850,430 1,229,428 3,973,445 772,056 68,323 2,371,487 19,198,904 13,028,624 43,991,736 748,090 872,341 6,097,194 418,606	2,056 1,969 2,000 1,956 1,929 2,003 1,906 2,007 2,519 2,438 2,807 2,008 2,529 1,939 2,048 2,055 2,091 1,991 2,076	3. 27 2. 68 2. 61 2. 14 2. 46 2. 32 1. 96 1. 84 2. 34 2. 00 2. 60 2. 13 1. 38 1. 83 3. 45 2. 93 2. 21 2. 53	6,72 5,21 4,18 4,74 4,64 3,73 3,69 5,88 4,88 7,29 4,28 3,48 3,55 7,05 6,01 4,62 5,04
11 12 13	General foremen, foremen and assistant foremen Blacksmiths Boilermakers Carmen, coach and locomotive Carmen, freight Electrical workers Machinists Moulders Pipefitters and sheet metal workers Helpers to mechanics Apprentices Coach cleaners Classified labourers (shops, enginehouses and power plants) Unclassified labourers (shops, enginehouses and	2.665 297 471 2,129 6,900 1.815 3,305 16 1,240 3,924 1,007 1,349 2,230	5,255,509 557,338 889,514 4,113,124 13,390,682 3,564,011 6,311,705 29,565 2,353,282 7,617,343 1,922,714 2,605,575 4,305,236	16, 312, 547 1, 383, 557 2, 214, 108 10, 232, 416 31, 602, 503 8, 803, 556 15, 627, 885 74, 540 5, 78, 952 15, 770, 405 3, 358, 508 4, 812, 603 8, 063, 892	1,972 1,877 1,889 1,932 1,941 1,964 1,910 1,848 1,941 1,909 1,931	3. 10 2. 48 2. 49 2. 36 2. 47 2. 48 2. 52 2. 46 2. 07 1. 75 1. 85	6, 12: 4, 658 4, 70: 4, 806 4, 850 4, 659 4, 669 4, 019 3, 338 3, 568
4 5	power plants) Stationary engineers, firemen and oilers	1,810 438	3,437,022 880,926	6,201,837 1,947,719	1,899 2,011	1.80 2.21	3,426
	Totals	29,596	57, 233, 543	132, 196, 028	1, 934	2, 27	4,46

See footnote at end of table.

TABLE 4. Employees and their Compensation, 1962 - Class 1 and 11 Railways - Concluded

	Division	Number of employees	Time	Total	Average	sal	erage aries wages
To.	DIVISION	(monthly average)1	duty (hours)	compen- sation	hours worked	Per hour	P er yeal
				\$		dol	lars
	The second add as						1
	Transportation						
16	Chief train despatchers	126	277, 431	1, 144, 334	2, 202	4. 12	9,08
17 18 19	Train despatchers	612 733	1,186,401 1,529,765	4, 147, 406 3, 957, 373	1,939 2,087	3. 50 2. 59	6, 77 5, 39
0	(non-telegraphers)	92	183, 427	350,895	1,994	1.91	3,81
1	Station agents, telegraphers and telephoners Levermen (non-telegraphers) at interlockers	5, 198	10, 545, 026 207, 975	24, 132, 780 435, 749	2,029	2. 29	4,64
2	Baggage, parcel room and station attendants	781	1,557,992	2,826,891	1,995	1.81	3, 62
3	General foremen and foremen in freight sheds Freight handlers and freight shed operators	493	1,010,498	2,444,129	2,050	2.42	4,95
5	Labourers	4,874	8,683,672 1,893,341	17,951,739 3,443,987	1,782	2.07	3, 68
6	Dining car and restaurant inspectors	95	193, 406	523, 711	2,036	2.71	5, 5
7	Dining car stewards, chefs, cooks and waiters Restaurant managers, chefs, cooks and waiters	1, 205 551	2,730,669	4,551,078	2, 266	1.67	3, 7'
9	News agents	110	1, 325, 419 259, 407	2,005,850 422,987	2, 405 2, 358	1.51	3,6
0	Sleeping and parlour car conductors	163	387,084	789, 334	2, 375	2.04	4,8
2	Porters and other train attendants Bridge operators	1,005	2, 169, 535 241, 736	3,659,772	2, 159	1.69	3,6
3	Crossing watchmen and gatemen	330	655,088	521, 147 1, 163, 089	2, 102 1, 985	2. 16	4, 5
	Floating equipment employees	528	1,046,914	2, 439, 493	1,983	2. 33	4,6
	Sub-totals	18,093	36,084,786	76,911,744	1,994	2.13	4,2
5	Yardmasters and assistants	795	1,412,693	4, 50 1, 357	1,777	3. 19	5,6
7	Switch tenders	342	630, 198	1, 339, 798	1,843	2.13	3,9
	Hostlers Sub-totals	376 1,513	817, 987 2, 860, 878	1,868,447	2, 175	2. 28	4,9
					1,891	2. 69	5,0
3	Road freight conductors	2,016	1, 104, 833 4, 251, 621	4, 116, 345	2,020	3. 73 3. 47	7,5
)	Road freight conductors Road passenger brakemen and baggagemen	1, 237	2, 368, 079	7, 300, 761	1,914	3.08	5,9
2	Road freight brakemen Yard foremen	4,503	8, 269, 565	24,731,907	1,836	2.99	5, 4
3	Yard helpers	2,053 4,603	4, 245, 730 8, 680, 685	11, 468, 584 21, 480, 542	2,068 1,886	2.70	5, 5
ŀ	Road passenger engineers and motormen	679	1, 127, 225	6,079,745	1,660	5. 39	8,9
	Road freight engineers and motormen	2, 289	4, 352, 216	18, 175, 384	1,901	4.18	7,9
	Yard engineers and motormen Road passenger firemen and helpers	1,771 558	4, 313, 122 910, 341	11, 970, 284	2, 435 1, 631	2.78	6,7
	Road freight firemen and helpers	2, 202	4, 139, 226	13, 688, 479	1,880	3. 31	6, 2
	Yard firemen and helpers	1,736	4,004,291	8,969,813	2, 307	2. 24	5, 1
	Sub-totals	24, 194	47, 766, 934	146, 716, 784	1,974	3.07	6,0
	Totals	43, 800	86, 712, 598	231, 338, 130	1,980	2.67	5, 2
	Totals, divisions 1 to 79	133, 317	265, 258, 366	631,463,009	1,990	2.38	4, 7
	Other Operations						
	Communications	9,598	19,586,083	40, 587, 175	2,041	2.07	4, 2
	Express Cartage	9,887	19,784,712 856,908	41, 163, 257 1, 638, 498	2,001	2.08	4, 10
	Highway transport (rail)	810	1,667,849	3, 473, 430	1,979	1.91	3,78
	Outside operations	8, 155	16, 536, 184	26, 338, 244	2,028	1. 59	3, 2
	Totals	28, 883	58, 431, 736	113, 200, 604	2,023	1. 94	3,9
	Grand totals	162, 200	323, 690, 102	744, 663, 6132	1,996	2. 30	4, 5
5	Number of female employees (monthly average)	10,011	- 1	_	_	_	
	Salaries and wages charged to operating ex-			000 00= 540			
	penses			662,907,746		_	

¹ Average of counts made each month.
² Includes \$9,647,413 paid to 1,903 employees domiciled outside Canada and charged to Canadian System. An additional \$5,133,445 expended for the same purpose by U.S. lines operating in Canada is not included because the proper distribution is not available.

TABLE 5. Employees and their Compensation, 1962 - Class III and IV Railways

No.	Division	Number of employees (monthly) average) ¹	Time on duty (hours)	Total compen- sation	Average hours worked	Average salaries and wages	
						Per	Per
	Summon			\$		dollars	
	Summary						
1-12	General	131	256,073	515, 154	1,955	2.01	
13-30	Way and structures	153	293,559	566, 885	1,919	1.93	3,70
6-79	Equipment	96	198,789	431,998	2,071	2.17	4,50
6-19	Transportation	278	572,919	1,113,085	2,061	1.94	4,00
	Totals, divisions 1 to 79	658	1, 321, 340	2,627,122	2,008	1.99	3, 99
80	Communications						
81	Express	3	7,488	10,479	2,496	1.40	3,49
82	Cartage	_		_	_	_	-
83	Highway transport (rail)	-	_		_	_	_
84	Outside operations	-	_	-	-	-	-
	Totals, divisions 80 to 84	3	7,488	10, 479	2,496	1.40	3, 49
	Grand totals	661	1,328,828	2, 637, 601	2,010	1.98	3, 99
85	Number of female employees (monthly average)	24	_				_
86	Salaries and wages charged to operating ex-						
	penses	_	_	2,456,100	_	_	-
87	Pullman and International Bridge Company ²	46	104,880	263, 273	2,280	2.51	5,72

TABLE 6. Employees and their Compensation, 1962 - All Railways

No.	Division	Number of employees (monthly average) ¹	Time on duty (hours)	Total compen- sation	Average hours worked	Average salaries and wages	
						Per hour	Per
				\$		dollars	
	Summary						
1-I2 13-30 31-45 46-79	General Way and structures Equipment Transportation	30,808 29,397 29,692 44,078	60,856,785 61,005,072 57,432,332 87,285,517	148,852,530 120,158,360 132,628,026 232,451,215	1,975 2,075 1,934 1,980	2.45 1.97 2.31 2.66	4,832 4,087 4,467 5,274
	Totals, divisions 1 to 79	133, 975	266, 579, 706	634,090,131	1, 990	2.38	4, 733
80 81 82 83 84	Communications Express Cartage Highway transport (rail) Outside operations	9,598 9,890 433 810 8,155	19,586,083 19,792,200 856,908 1,667,849 16,536,184	40,587,175 41,173,736 1,638,498 3,473,430 26,338,244	2,041 2,001 1,979 2,059 2,028	2.07 2.08 1.91 2.08 1.59	4,229 4,163 3,784 4,288 3,230
	Totals, divisions 80 to 84	28, 886	58, 439, 224	113, 211, 083	2,023	1.94	3,919
	Grand totals	162, 861	325, 018, 930	747, 301, 2142	1,996	2, 30	4,589
85 86	Number of female employees (monthly average) Salaries and wages charged to operating ex-	10,035	-	_	_	-	
	penses	-	_	665,363,846	-	-	-

¹ Average of counts made each month. ² Included with "Class III and IV Railways".

¹ Average of counts made each month.
² Includes \$9,710,466 paid to 1,935 employees domiciled outside Canada and charged to Canadian System. An additional \$5,182,458 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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