

c-3

CATALOGUE No.

52-212

ANNUAL

INDUSTRIAL OUTPUT
SEP 27 1962



STATISTICS CANADA
STATISTIQUE CANADA
JUN 6 1963
LIBRARY
BIBLIOTHÈQUE

RAILWAY TRANSPORT

1961

PART VI

(Employment Statistics)

Published by Authority of
The Honourable George Hees, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS

Public Finance and Transportation Division

Transportation Section

September 1962
8504-529

Price 25 cents

Reports Published by the
Public Finance and Transportation Division
dealing with

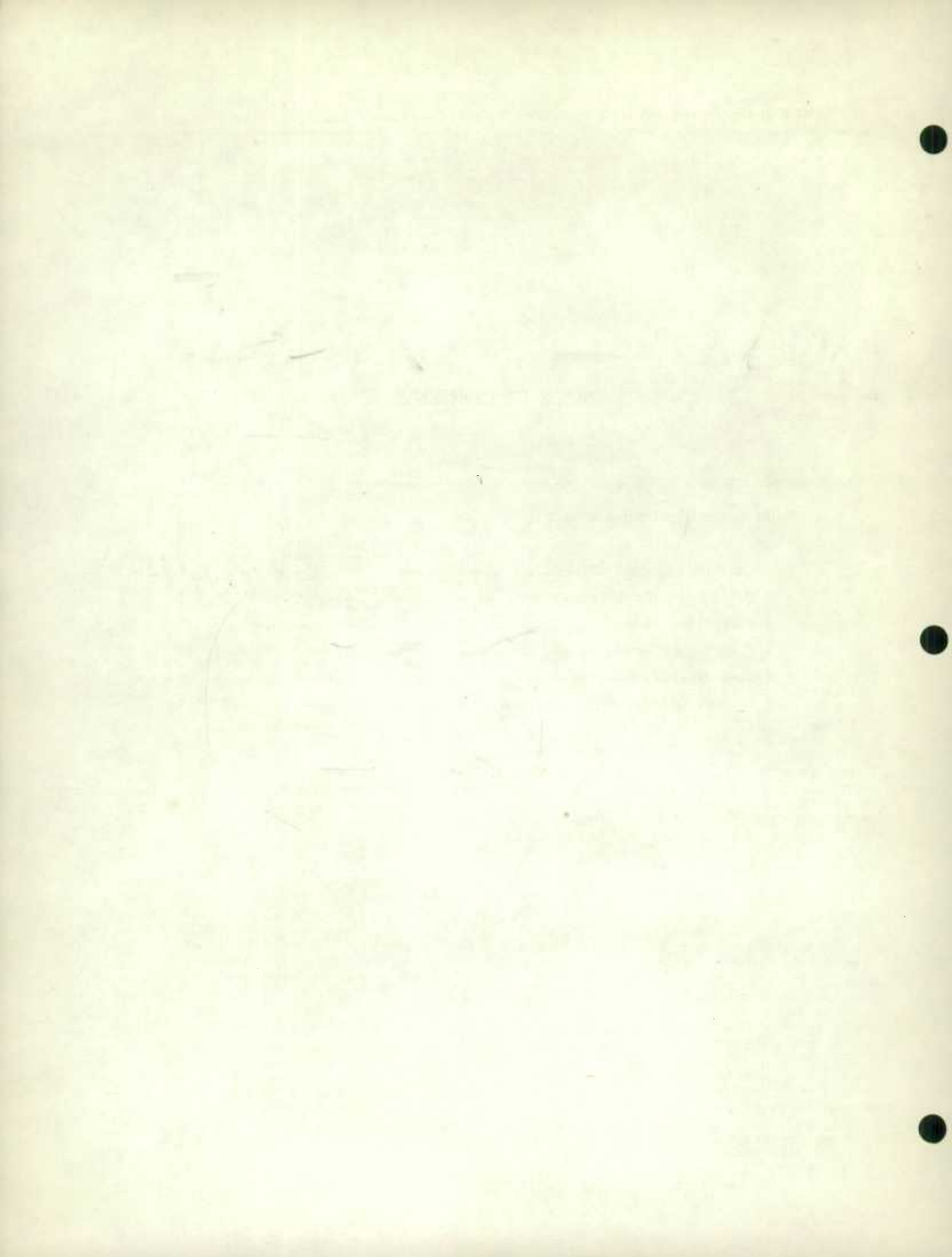
RAILWAY TRANSPORT STATISTICS

Catalogue number	Title	Price
	Periodical	
52-001	Carloadings (Four times a month. 4 pp.) Cars of revenue freight loaded in Canada by eastern and western divisions, by commodity, comparative and cumulative totals. Railway cars loaded in piggyback service and three-year summary of all loadings and tonnages. One issue each month includes chart, index and summary of piggyback loadings	10¢ a copy, \$3.00 a year
52-002	Railway Freight Traffic (Monthly. 19 pp.) Revenue freight carried by railways in Canada, originated, terminated, received from and delivered to United States rail connections, by commodity and by province	20¢ a copy, \$2.00 a year
52-003	Railway Operating Statistics (Monthly. 4 pp.) Financial and operating statistics of class I and II railways in Canada, including separate details of Canadian National and Canadian Pacific Railways. 20¢ a copy, \$2.00 a year	
	Annual	
52-201	Canadian National Railways (22 pp.) Financial and operating statistics of the entire system, 1923 to date	\$.50
52-202	Canadian Pacific Railway Company (19 pp.) Financial and operating statistics of the entire system, 1923 to date50
52-204	Railway Express (formerly Express Statistics, 8 pp.) Financial, operating, employment and mileage statistics of railway express companies25
52-205	Railway Freight Traffic (85 pp.) Summary of year's issues of monthly report 52-002 with supplementary regional distribution and net movement of commodities	1.00
52-206	Railway Operating Statistics (4 pp.) Summary of year's issues of monthly report 52-003; separate detail for Canadian National and Canadian Pacific Railways25
52-207	Railway Transport: Part I (31 pp.) Comparative summary statistics50
52-208	Railway Transport: Part II (51 pp.) Financial statistics75
52-209	Railway Transport: Part III (13 pp.) Equipment, track and fuel statistics50
52-210	Railway Transport: Part IV (29 pp.) Operating and traffic statistics50
52-211	Railway Transport: Part V (148 pp.) Freight carried by principal commodity classes	1.50
52-212	Railway Transport: Part VI (14 pp.) Employment statistics25
	Occasional	
52-501	Railway Employees and Their Compensation (approx. 7 pp.) Comparative data relating to all classes of employees; 1926 to 1951. Reference paper No. 3825

Subscription orders should be sent to the Information Services Division, Dominion Bureau of Statistics, Ottawa, Canada, with enclosed remittances made payable to the Receiver General of Canada.

TABLE OF CONTENTS

	Page
Introduction	5
Employees and their Compensation:	
Table	
1. Canadian National Railways	6
2. Canadian Pacific Railway Company	8
3. Class II Railways	10
4. Class I and II Railways	12
5. Class III and IV Railways	14
6. Summary all Railways	14



RAILWAY TRANSPORT

1961

PART VI

(Employment Statistics)

Presented in this report are employment statistics of common carrier railways operating in Canada for the calendar year 1961. 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 (others 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. To assist in interpreting the data given, the method of compilation used generally by the reporting railways is explained briefly in the following paragraph.

For the "Number of Employees - Monthly Average", as shown in column one 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.

Compensation data for 1961, as presented in this report, reflects certain retroactive wage increases relative to the year 1960. As part of a two-year agreement entered into during 1961 by Canadian railways and unions representing non-operating employees, the latter were awarded two cents per hour from January 1 to August 31, 1960 and a further five cents per hour from September 1 to December 31, 1960. Amounts so included, by division totals, are presented in the following table.

Division	Wage increases for 1960 paid, and included in, 1961 earnings
	\$
General	1,853,593
Way and structures	2,217,204
Equipment	2,208,196
Transportation	1,206,418
Total	7,485,411
Other Operations	1,370,018
Grand Total	8,855,429

Railway employment in Canada continued to decline in 1961, dropping 5.4 per cent to an average 166,081 persons from 175,537 in 1960. The aggregate payroll, on the other hand, rose to \$748,097,831, an increase of 1.0 per cent above that of the previous year. The average hourly wage per employee was \$2.26, up 15 cents from 1960, and average annual earnings increased to \$4,504 per person in contrast to \$4,218 a year earlier.

The Canadian National Railways employed an average of 92,238 persons during the year under review, a 4.1 per cent decline from 96,227 in 1960. The total time on duty dropped 3.8 per cent to 182,917,794 hours from 190,064,711, while salaries and wages aggregated \$411,275,133, up 2.8 per cent from \$400,057,088 a year earlier. C.N.R. employees worked an average of 1,983 hours as against 1,975 in 1960 and the average hourly rate was \$2.25 in contrast to \$2.10. Annual earnings per employee averaged \$4,458, up from \$4,157 in the previous year.

The Canadian Pacific Railway Company also reported a decline in the average number of employees on payroll, dropping 6.3 per cent to 63,694 from 67,973 in 1960. The number of hours worked were down 7.0 per cent to 126,683,407 from 136,280,399 but the total compensation paid rose slightly to \$284,276,315 from \$284,012,292. On the average, C.P.R. employees worked fewer hours during 1961, dropping to 1,989 from 2,005 in 1960, and received an average wage of \$2.24 per hour as against \$2.08 a year earlier. The average annual salary was \$4,463 in contrast to \$4,178.

The number of persons employed by class II railways declined 8.7 per cent to 9,461 in 1961 from 10,615 in 1960 and time on duty decreased to 20,029,101 hours from 23,678,310. The average hourly and annual wage rates rose to \$2.48 and \$5,260, respectively, as compared with \$2.26 and \$5,048 in 1960.

July 17, 1962

TABLE 1. Employees and their Compensation, 1961 - Canadian National Railways

No.	Division	Number of employees (monthly average) ¹	Time on duty (hours)	Total compensation	Average hours worked	Average salaries and wages	
						Per hour	Per year
				\$		dollars	
	General						
1	Executives, officers and assistants	1,346	2,727,977	11,965,489	2,027	4.39	8,890
2	Professional and sub-professional assistants	1,744	3,444,300	10,429,970	1,975	3.03	5,980
3	Chief, assistant chief and supervisory clerks	784	1,553,141	4,293,293	1,981	2.76	5,476
4	Clerks, stenographers and office machine operators	9,955	19,536,218	40,627,187	1,962	2.08	4,081
5	Telephone switchboard operators, office boys and sorters	327	609,105	934,544	1,863	1.53	2,858
6	Janitors and other building attendants	691	1,281,218	2,272,028	1,854	1.77	3,288
7	Service vehicle operators	122	292,298	589,070	2,396	2.02	4,828
8	Miscellaneous trades workers	189	371,495	868,458	1,966	2.34	4,595
9	Police inspectors, sergeants, special agents and investigators	125	237,382	720,459	1,899	3.04	5,764
10	Constables and policemen	428	850,659	1,880,755	1,988	2.21	4,394
11	Stores general foremen, foremen and assistants	143	287,391	708,935	2,010	2.47	4,958
12	Storemen and stores labourers (non-clerical)	1,649	3,148,555	6,253,070	1,909	1.99	3,792
	Totals	17,503	34,339,739	81,543,258	1,962	2.37	4,659
	Way and Structures						
13	B. & B. masters, roadmasters and assistants	396	870,744	2,591,839	2,199	2.98	6,545
14	Maintenance of way and scale inspectors	46	92,097	243,682	2,002	2.65	5,297
15	B. & B. department foremen	330	663,368	1,722,786	2,010	2.60	5,221
16	B. & B. carpenters and bridgemen	1,363	2,646,644	5,609,506	1,942	2.12	4,116
17	Blacksmiths, pipefitters and tinsmiths	181	345,514	852,299	1,909	2.47	4,709
18	Masons, painters and other journeymen	526	1,051,688	2,449,121	1,999	2.33	4,656
19	Helpers, B. & B. department	168	321,333	619,092	1,913	1.93	3,685
20	Labourers, bridge, building and signal	333	639,860	1,139,008	1,922	1.78	3,420
21	Work equipment operators and helpers	691	1,684,819	3,828,949	2,438	2.27	5,541
22	Pumpmen	10	19,059	40,075	1,906	2.10	4,008
23	Extra gang and snow plow foremen	196	581,444	1,442,728	2,967	2.48	7,361
24	Section foremen	2,373	4,831,563	10,230,966	2,036	2.12	4,311
25	Labourers, extra gang	2,804	6,779,224	8,899,471	2,418	1.31	3,174
26	Sectionmen	7,563	14,299,436	25,947,508	1,891	1.81	3,431
27	General and assistant general foremen and inspectors (signal and electrical transmission)	65	137,156	432,570	2,110	3.15	6,655
28	Foremen, signal and electrical transmission	115	231,384	649,330	2,012	2.81	5,646
29	Signal and interlocker maintainers and helpers ..	780	1,566,273	3,410,412	2,008	2.18	4,372
30	Linemen and groundmen, electrical transmission ..	21	48,665	117,817	2,317	2.42	5,610
	Totals	17,961	36,810,271	70,227,159	2,049	1.91	3,910
	Equipment						
31	General foremen, foremen and assistant foremen	1,624	3,295,714	9,650,818	2,029	2.93	5,943
32	Blacksmiths	181	341,500	820,573	1,887	2.40	4,534
33	Boilermakers	320	598,628	1,463,538	1,871	2.44	4,574
34	Carmen, coach and locomotive	1,399	2,708,757	6,532,866	1,936	2.41	4,670
35	Carmen, freight	3,631	6,942,407	16,042,751	1,912	2.31	4,418
36	Electrical workers	1,093	2,135,866	5,141,347	1,954	2.41	4,704
37	Machinists	1,861	3,494,336	8,481,554	1,878	2.43	4,558
38	Moulders	8	12,968	32,020	1,621	2.47	4,002
39	Pipefitters and sheet metal workers	800	1,521,589	3,672,066	1,902	2.41	4,590
40	Helpers to mechanics	1,718	3,304,765	6,784,756	1,924	2.05	3,949
41	Apprentices	668	1,258,829	2,382,573	1,884	1.89	3,567
42	Coach cleaners	748	1,413,315	2,586,775	1,889	1.83	3,458
43	Classified labourers (shops, enginehouses and power plants)	1,344	2,444,533	4,642,328	1,819	1.90	3,454
44	Unclassified labourers (shops, enginehouses and power plants)	771	1,388,432	2,501,992	1,801	1.80	3,245
45	Stationary engineers, firemen and oilers	234	473,240	998,376	2,022	2.11	4,267
	Totals	16,400	31,334,879	71,734,333	1,911	2.29	4,374

See footnote at end of table.

TABLE 1. Employees and their Compensation, 1961 - Canadian National Railways - Concluded

No.	Division	Number of employees (monthly average) ¹	Time on duty (hours)	Total compensation	Average hours worked	Average salaries and wages	
						Per hour	Per year
						dollars	
Transportation							
46	Chief train despatchers	55	135,030	508,304	2,455	3.76	9,242
47	Train despatchers	313	625,502	2,136,613	1,998	3.42	6,826
48	Supervisory agents and assistants	364	784,027	1,893,579	2,154	2.42	5,202
49	Agents and caretaker agents at small stations (non-telegraphers)	30	63,844	123,894	2,128	1.94	4,130
50	Station agents, telegraphers and telephoners	3,051	6,192,444	14,043,109	2,030	2.27	4,603
51	Levermen (non-telegraphers) at interlockers	36	72,360	154,396	2,010	2.13	4,289
52	Baggage, parcel room and station attendants	439	876,566	1,601,398	1,997	1.83	3,648
53	General foremen and foremen in freight sheds	289	587,399	1,376,454	2,033	2.34	4,763
54	Freight handlers and freight shed operators	2,183	3,650,496	7,326,970	1,672	2.01	3,356
55	Labourers	609	1,113,266	2,012,656	1,828	1.81	3,305
56	Dining car and restaurant inspectors	76	150,827	412,127	1,985	2.73	5,423
57	Dining car stewards, chefs, cooks and waiters	635	1,376,902	2,467,913	2,168	1.79	3,886
58	Restaurant managers, chefs, cooks and waiters	384	956,570	1,359,737	2,491	1.42	3,541
59	News agents	—	—	—	—	—	—
60	Sleeping and parlour car conductors	71	164,993	373,134	2,324	2.26	5,255
61	Porters and other train attendants	565	1,201,751	2,067,079	2,127	1.72	3,659
62	Bridge operators	73	156,224	322,123	2,140	2.06	4,413
63	Crossing watchmen and gatemen	282	548,013	975,511	1,943	1.78	3,459
64	Floating equipment employees	447	835,204	1,967,452	1,868	2.36	4,401
	Sub-totals	9,902	19,491,418	41,122,449	1,968	2.11	4,153
65	Yardmasters and assistants	368	755,335	2,265,449	2,053	3.00	6,156
66	Switch tenders	249	490,154	1,000,622	1,968	2.04	4,019
67	Hostlers	233	563,309	1,245,192	2,418	2.21	5,344
	Sub-totals	850	1,808,798	4,511,263	2,128	2.49	5,307
68	Road passenger conductors	325	713,111	2,491,881	2,194	3.49	7,667
69	Road freight conductors	1,109	2,261,359	7,466,943	2,039	3.30	6,733
70	Road passenger brakemen and baggagemen	742	1,572,986	4,490,873	2,120	2.85	6,052
71	Road freight brakemen	2,543	4,476,667	12,801,609	1,760	2.86	5,034
72	Yard foremen	1,141	2,359,185	6,177,691	2,068	2.62	5,414
73	Yard helpers	2,477	4,730,674	11,280,685	1,910	2.38	4,554
74	Road passenger engineers and motormen	421	751,494	3,834,112	1,785	5.10	9,107
75	Road freight engineers and motormen	1,287	2,383,642	9,368,803	1,852	3.93	7,280
76	Yard engineers and motormen	1,009	2,423,818	6,643,020	2,402	2.74	6,584
77	Road passenger firemen and helpers	366	620,234	2,614,319	1,695	4.22	7,143
78	Road freight firemen and helpers	1,264	2,211,133	7,022,958	1,749	3.18	5,556
79	Yard firemen and helpers	941	2,248,236	4,934,567	2,389	2.19	5,244
	Sub-totals	13,625	26,752,539	79,127,461	1,963	2.96	5,808
	Totals	24,377	48,052,755	124,761,173	1,971	2.60	5,118
	Totals divisions 1 to 79	76,241	150,537,644	348,265,923	1,974	2.31	4,568
Other Operations							
80	Communications	5,475	11,237,602	23,427,305	2,053	2.08	4,279
81	Express	5,871	11,798,827	24,180,156	2,010	2.05	4,119
82	Cartage	—	—	—	—	—	—
83	Highway transport (rail)	882	1,757,673	3,600,109	1,993	2.05	4,082
84	Outside operations	3,769	7,586,048	11,801,640	2,013	1.56	3,131
	Totals	15,997	32,380,150	63,009,210	2,024	1.95	3,939
	Grand totals	92,238	182,917,794	411,275,133²	1,983	2.25	4,458
85	Number of female employees (monthly average) ..	4,470	—	—	—	—	—
86	Salaries and wages charged to operating expenses	—	—	365,781,203	—	—	—

¹ Average of counts made each month.² Includes \$1,325,493 paid to 331 employees domiciled outside Canada and charged to the Canadian system.

TABLE 2. Employees and their Compensation, 1961 - Canadian Pacific Railway Company

No.	Division	Number of employees (monthly average) ¹	Time on duty (hours)	Total compensation	Average hours worked	Average salaries and wages	
						Per hour	Per year
				\$		dollars	
	General						
1	Executives, officers and assistants	990	1,971,008	10,239,911	1,991	5.20	10,343
2	Professional and sub-professional assistants	361	711,317	2,213,012	1,970	3.11	6,130
3	Chief, assistant chief and supervisory clerks	811	1,609,178	4,570,916	1,984	2.84	5,636
4	Clerks, stenographers and office machine operators	7,427	14,616,563	30,024,313	1,968	2.05	4,043
5	Telephone switchboard operators, office boys and sorters	361	695,112	1,003,383	1,926	1.44	2,779
6	Janitors and other building attendants	396	756,512	1,187,116	1,910	1.57	2,998
7	Service vehicle operators	38	74,397	157,672	1,958	2.12	4,149
8	Miscellaneous trades workers	27	52,857	121,131	1,958	2.29	4,486
9	Police inspectors, sergeants, special agents and investigators	122	287,575	675,083	2,357	2.35	5,533
10	Constables and policemen	405	799,728	1,866,424	1,975	2.33	4,608
11	Stores general foremen, foremen and assistants	96	183,591	477,647	1,912	2.60	4,975
12	Storemen and stores labourers (non-clerical)	430	822,661	1,653,075	1,913	2.01	3,844
	Totals	11,464	22,580,499	54,189,683	1,970	2.40	4,727
	Way and Structures						
13	B. & B. masters, roadmasters and assistants	333	643,213	2,204,111	1,932	3.43	6,619
14	Maintenance of way and scale inspectors	8	15,782	40,965	1,973	2.60	5,121
15	B. & B. department foremen	182	368,014	927,107	2,022	2.52	5,094
16	B. & B. carpenters and bridgemen	725	1,420,302	3,007,709	1,959	2.12	4,149
17	Blacksmiths, pipefitters and tinsmiths	75	149,945	359,799	1,999	2.40	4,797
18	Masons, painters and other journeymen	248	504,475	1,135,827	2,034	2.25	4,530
19	Helpers, B. & B. department	56	114,531	218,780	2,045	1.91	3,907
20	Labourers, bridge, building and signal	218	457,534	802,261	2,099	1.75	3,680
21	Work equipment operators and helpers	396	1,005,771	2,254,522	2,540	2.24	5,693
22	Pumpmen	2	4,376	9,620	2,188	2.20	4,810
23	Extra gang and snow plow foremen	74	219,305	539,799	2,964	2.46	7,295
24	Section foremen	1,916	3,868,137	8,187,928	2,019	2.12	4,273
25	Labourers, extra gang	889	2,443,449	3,125,503	2,749	1.28	3,516
26	Sectionmen	4,441	8,611,590	15,837,522	1,939	1.84	3,566
27	General and assistant general foremen and inspectors (signal and electrical transmission) ..	16	31,876	117,776	1,992	3.69	7,361
28	Foremen, signal and electrical transmission	25	51,364	157,094	2,055	3.06	6,284
29	Signal and interlocker maintainers and helpers	408	918,512	1,934,857	2,251	2.11	4,743
30	Linemen and groundmen, electrical transmission	17	34,257	82,394	2,015	2.41	4,847
	Totals	10,029	20,862,434	40,943,574	2,080	1.96	4,083
	Equipment						
31	General foremen, foremen and assistant foremen	819	1,617,711	5,165,840	1,975	3.19	6,307
32	Blacksmiths	116	220,002	546,607	1,897	2.48	4,712
33	Boilermakers	143	277,436	691,462	1,940	2.49	4,835
34	Carmen, coach and locomotive	731	1,410,074	3,436,144	1,929	2.44	4,701
35	Carmen, freight	2,763	5,363,962	12,565,747	1,941	2.34	4,548
36	Electrical workers	625	1,220,112	2,987,440	1,952	2.45	4,780
37	Machinists	1,261	2,413,477	5,947,599	1,914	2.46	4,717
38	Moulders	11	18,945	52,990	1,722	2.80	4,817
39	Pipefitters and sheet metal workers	399	760,091	1,865,823	1,905	2.45	4,676
40	Helpers to mechanics	2,188	4,252,486	8,806,104	1,944	2.07	4,025
41	Apprentices	417	801,754	1,509,400	1,923	1.88	3,620
42	Coach cleaners	699	1,350,526	2,489,200	1,932	1.84	3,561
43	Classified labourers (shops, enginehouses and power plants)	911	1,778,038	3,273,669	1,952	1.84	3,593
44	Unclassified labourers (shops, enginehouses and power plants)	1,031	2,011,489	3,604,267	1,951	1.79	3,494
45	Stationary engineers, firemen and oilers	248	518,865	1,124,707	2,092	2.17	4,535
	Totals	12,362	24,014,968	54,066,999	1,943	2.25	4,374

See footnote at end of table.

TABLE 2. Employees and their Compensation, 1961—Canadian Pacific Railway Company—Concluded

No.	Division	Number of employees (monthly average) ¹	Time on duty (hours)	Total compensation	Average hours worked	Average salaries and wages	
						Per hour	Per year
						dollars	
Transportation							
46	Chief train dispatchers	42	90,713	421,382	2,160	4.65	10,033
47	Train dispatchers	215	401,139	1,391,094	1,866	3.47	6,470
48	Supervisory agents and assistants	265	543,298	1,483,883	2,050	2.73	5,600
49	Agents and caretaker agents at small stations (non-telegraphers)	73	146,474	236,264	2,006	1.61	3,236
50	Station agents, telegraphers and telephoners	2,059	4,103,136	9,439,553	1,993	2.30	4,585
51	Levermen (non-telegraphers) at interlockers	79	154,323	316,307	1,953	2.05	4,004
52	Baggage, parcel room and station attendants	378	733,051	1,300,479	1,939	1.77	3,440
53	General foremen and foremen in freight sheds	180	359,198	898,871	1,996	2.50	4,994
54	Freight handlers and freight shed operators	2,121	4,009,059	8,275,141	1,890	2.06	3,902
55	Labourers	408	811,337	1,490,950	1,989	1.84	3,654
56	Dining car and restaurant inspectors	25	53,879	145,035	2,155	2.69	5,801
57	Dining car stewards, chefs, cooks and waiters	525	1,200,715	1,888,864	2,287	1.57	3,598
58	Restaurant managers, chefs, cooks and waiters	101	204,889	258,877	2,029	1.26	2,563
59	News agents	123	288,802	453,436	2,348	1.57	3,686
60	Sleeping and parlour car conductors	108	257,263	475,457	2,382	1.85	4,402
61	Porters and other train attendants	481	1,072,023	1,740,742	2,229	1.62	3,619
62	Bridge operators	32	65,741	151,224	2,054	2.30	4,726
63	Crossing watchmen and gatemen	94	192,058	338,480	2,043	1.76	3,601
64	Floating equipment employees	17	31,506	79,789	1,853	2.53	4,693
	Sub-totals	7,326	14,718,604	30,785,828	2,009	2.09	4,202
65	Yardmasters and assistants	341	621,848	1,993,033	1,824	3.21	5,845
66	Switch tenders	112	224,126	462,660	2,001	2.06	4,131
67	Hostlers	79	199,669	422,626	2,527	2.12	5,350
	Sub-totals	532	1,045,643	2,878,319	1,965	2.75	5,410
68	Road passenger conductors	188	365,103	1,433,338	1,942	3.93	7,624
69	Road freight conductors	817	1,654,276	5,727,063	2,025	3.46	7,010
70	Road passenger brakemen and baggagemen	425	757,198	2,429,525	1,782	3.21	5,717
71	Road freight brakemen	1,851	3,273,322	9,624,848	1,768	2.94	5,200
72	Yard foremen	787	1,614,698	4,175,957	2,052	2.59	5,306
73	Yard helpers	1,853	3,434,349	8,107,819	1,853	2.36	4,376
74	Road passenger engineers and motormen	243	387,042	2,101,455	1,593	5.43	8,648
75	Road freight engineers and motormen	927	1,732,461	7,118,935	1,869	4.11	7,680
76	Yard engineers and motormen	676	1,661,381	4,362,947	2,458	2.63	6,454
77	Road passenger firemen and helpers	170	264,686	1,158,437	1,557	4.38	6,814
78	Road freight firemen and helpers	908	1,699,229	5,571,605	1,871	3.28	6,136
79	Yard firemen and helpers	655	1,590,791	3,310,366	2,429	2.08	5,054
	Sub-totals	9,500	18,434,536	55,122,295	1,940	2.99	5,802
	Totals	17,358	34,198,783	88,786,442	1,970	2.60	5,115
	Totals divisions 1 to 79	51,213	101,656,684	237,986,698	1,985	2.34	4,647
Other Operations							
80	Communications	3,647	7,454,047	14,497,497	2,044	1.94	3,975
81	Express	3,976	7,682,529	15,930,215	1,932	2.07	4,007
82	Cartage	459	865,343	1,714,077	1,885	1.98	3,734
83	Highway transport (rail)	26	54,585	107,212	2,099	1.96	4,124
84	Outside operations	4,373	8,970,219	14,040,616	2,051	1.57	3,211
	Totals	12,481	25,026,723	46,289,617	2,005	1.85	3,709
	Grand totals	63,694	126,683,407	284,276,315²	1,989	2.24	4,463
85	Number of female employees (monthly average) ..	4,834	—	—	—	—	—
86	Salaries and wages charged to operating expenses	—	—	253,424,455	—	—	—

¹ Average of counts made each month.² Includes \$6,970,854 paid to 1,423 employees domiciled outside Canada and charged to the Canadian System.

TABLE 3. Employees and their Compensation, 1961 - Class II Railways¹

No.	Division	Number of employees (monthly average) ²	Time on duty (hours)	Total compensation	Average hours worked	Average salaries and wages	
						Per hour	Per year
						dollars	
General							
1	Executives, officers and assistants	237	448,871	2,225,825	1,894	4.96	9,392
2	Professional and sub-professional assistants	109	235,685	692,911	2,162	2.94	6,357
3	Chief, assistant chief and supervisory clerks	107	216,032	608,678	2,019	2.82	5,689
4	Clerks, stenographers and office machine operators	946	1,876,112	4,094,502	1,983	2.18	4,328
5	Telephone switchboard operators, office boys and sorters	35	72,263	124,213	2,065	1.72	3,549
6	Janitors and other building attendants	53	113,910	213,177	2,149	1.87	4,022
7	Service vehicle operators	38	73,283	173,112	1,929	2.36	4,556
8	Miscellaneous trades workers	2	3,816	8,113	1,908	2.13	4,057
9	Police inspectors, sergeants, special agents and investigators	6	14,308	39,376	2,385	2.75	6,563
10	Constables and policemen	56	122,780	261,072	2,192	2.13	4,662
11	Stores general foremen, foremen and assistants	18	36,998	101,903	2,055	2.75	5,661
12	Storemen and stores labourers (non-clerical)	89	168,272	346,100	1,891	2.06	3,889
	Totals	1,696	3,382,330	8,888,982	1,994	2.63	5,241
Way and Structures							
13	B. & B. masters, roadmasters and assistants	50	113,181	355,053	2,264	3.14	7,101
14	Maintenance of way and scale inspectors	1	1,655	4,307	1,655	2.60	4,307
15	B. & B. department foremen	37	78,963	218,102	2,134	2.76	5,895
16	B. & B. carpenters and bridgemen	135	279,809	645,182	2,073	2.31	4,779
17	Blacksmiths, pipefitters and tinsmiths	1	1,701	5,679	1,701	3.34	5,679
18	Masons, painters and other journeymen	39	83,033	194,351	2,129	2.34	4,983
19	Helpers, B. & B. department	4	7,594	16,006	1,899	2.11	4,002
20	Labourers, bridge, building and signal	60	123,743	246,236	2,062	1.99	4,104
21	Work equipment operators and helpers	156	442,103	1,059,664	2,834	2.40	6,793
22	Pumpmen	3	8,585	16,140	2,862	1.88	5,380
23	Extra gang and snow plow foremen	73	174,919	494,112	2,396	2.82	6,769
24	Section foremen	345	703,528	1,532,716	2,039	2.18	4,443
25	Labourers, extra gang	372	800,073	1,387,886	2,151	1.73	3,731
26	Sectionmen	1,215	2,518,109	4,551,034	2,073	1.81	3,746
27	General and assistant general foremen and inspectors (signal and electrical transmission) ..	11	24,479	91,799	2,225	3.75	8,345
28	Foremen, signal and electrical transmission	16	32,462	122,239	2,029	3.77	7,640
29	Signal and interlocker maintainers and helpers ..	109	232,462	607,081	2,133	2.61	5,570
30	Linemen and groundmen, electrical transmission ..	27	61,927	153,167	2,294	2.47	5,673
	Totals	2,654	5,688,326	11,700,754	2,143	2.06	4,409
Equipment							
31	General foremen, foremen and assistant foremen ..	188	404,334	1,266,138	2,151	3.13	6,735
32	Blacksmiths	15	28,680	72,438	1,912	2.53	4,829
33	Boilermakers	25	47,813	114,711	1,913	2.40	4,588
34	Carmen, coach and locomotive	154	337,964	942,029	2,195	2.79	6,117
35	Carmen, freight	436	893,362	2,257,459	2,049	2.53	5,178
36	Electrical workers	105	219,699	565,490	2,092	2.57	5,386
37	Machinists	200	406,922	1,040,345	2,035	2.56	5,202
38	Moulders	-	-	-	-	-	-
39	Pipefitters and sheet metal workers	31	59,521	146,349	1,920	2.46	4,721
40	Helpers to mechanics	236	490,552	1,008,370	2,079	2.06	4,273
41	Apprentices	54	104,025	183,526	1,926	1.76	3,399
42	Coach cleaners	50	105,418	191,263	2,108	1.81	3,825
43	Classified labourers (shops, enginehouses and power plants)	119	274,719	521,973	2,309	1.90	4,386
44	Unclassified labourers (shops, enginehouses and power plants)	72	137,368	262,811	1,908	1.91	3,650
45	Stationary engineers, firemen and oilers	21	46,615	103,461	2,220	2.22	4,927
	Totals	1,706	3,556,992	8,676,363	2,085	2.44	5,086

See footnotes at end of table.

TABLE 3. Employees and their Compensation, 1961 - Class II Railways¹ - Concluded

No.	Division	Number of employees (monthly average) ²	Time on duty (hours)	Total compensation	Average hours worked	Average salaries and wages	
						Per hour	Per year
				\$	dollars		
Transportation							
46	Chief train despatchers	19	38,790	153,727	2,042	3.96	8,091
47	Train despatchers	73	154,491	499,317	2,116	3.23	6,840
48	Supervisory agents and assistants	43	88,690	250,343	2,063	2.82	5,822
49	Agents and caretaker agents at small stations (non-telegraphers)	19	38,764	94,074	2,040	2.43	4,951
50	Station agents, telegraphers and telephones	360	730,760	1,790,227	2,030	2.45	4,973
51	Levermen (non-telegraphers) at interlockers	14	36,512	86,578	2,608	2.37	6,184
52	Baggage, parcel room and station attendants	21	39,326	82,427	1,873	2.10	3,925
53	General foremen and foremen in freight sheds	44	86,868	190,260	1,974	2.19	4,324
54	Freight handlers and freight shed operators	216	288,110	856,719	1,334	2.97	3,966
55	Labourers	56	121,718	243,062	2,174	2.00	4,340
56	Dining car and restaurant inspectors	1	2,674	4,582	2,674	1.71	4,582
57	Dining car stewards, chefs, cooks and waiters ..	45	96,886	175,738	2,153	1.81	3,905
58	Restaurant managers, chefs, cooks and waiters ..	74	180,867	325,580	2,444	1.80	4,400
59	News agents	2	5,304	2,643	2,652	0.50	1,322
60	Sleeping and parlour car conductors	-	-	-	-	-	-
61	Porters and other train attendants	28	71,103	137,211	2,539	1.93	4,900
62	Bridge operators	14	29,039	64,972	2,074	2.24	4,641
63	Crossing watchmen and gatemen	3	6,442	11,248	2,147	1.75	3,749
64	Floating equipment employees	43	104,869	213,129	2,439	2.03	4,956
	Sub-totals	1,075	2,121,213	5,181,837	1,973	2.44	4,820
65	Yardmasters and assistants	51	109,204	357,473	2,141	3.27	7,009
66	Switch tenders	9	15,206	45,165	1,690	2.97	5,018
67	Hostlers	49	96,648	245,757	1,972	2.54	5,015
	Sub-totals	109	221,058	648,395	2,028	2.93	5,949
68	Road passenger conductors	38	98,738	338,154	2,598	3.42	8,899
69	Road freight conductors	187	410,406	1,351,727	2,195	3.29	7,228
70	Road passenger brakemen and baggagemen	74	190,406	519,236	2,573	2.73	7,017
71	Road freight brakemen	351	763,039	2,267,984	2,174	2.97	6,461
72	Yard foremen	141	365,143	1,053,617	2,590	2.89	7,472
73	Yard helpers	300	696,925	1,879,199	2,323	2.70	6,264
74	Road passenger engineers and motormen	45	99,964	439,769	2,221	4.40	9,773
75	Road freight engineers and motormen	207	419,592	1,613,934	2,027	3.85	7,797
76	Yard engineers and motormen	132	354,907	1,040,874	2,689	2.93	7,885
77	Road passenger firemen and helpers	38	85,252	315,338	2,243	3.70	8,298
78	Road freight firemen and helpers	159	351,359	1,109,841	2,210	3.16	6,980
79	Yard firemen and helpers	134	341,502	872,056	2,549	2.55	6,508
	Sub-totals	1,806	4,177,233	12,801,729	2,313	3.06	7,088
	Totals	2,990	6,519,504	18,631,961	2,180	2.86	6,231
	Totals divisions 1 to 79	9,046	19,147,152	47,898,060	2,117	2.50	5,295
Other Operations							
80	Communications	389	821,316	1,741,235	2,111	2.12	4,476
81	Express	22	52,084	106,924	2,367	2.05	4,860
82	Cartage	3	6,568	13,294	2,189	2.02	4,431
83	Highway transport (rail)	1	1,981	5,545	1,981	2.80	5,545
84	Outside operations	-	-	-	-	-	-
	Totals	415	881,949	1,866,998	2,125	2.12	4,499
	Grand totals	9,461	20,029,101	49,765,058³	2,117	2.48	5,260
85	Number of female employees (monthly average) ..	416	-	-	-	-	-
86	Salaries and wages charged to operating expenses	-	-	52,219,098	-	-	-

¹ Excludes 189 employees, 382,230 hours, and \$1,634,779 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 \$752,568 paid to 164 employees domiciled outside Canada and charged to Canadian System. An additional \$4,772,721 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, 1961 - Class I and II Railways

No.	Division	Number of employees (monthly average) ¹	Time on duty (hours)	Total compensation	Average hours worked	Average salaries and wages	
						Per hour	Per year
				\$	dollars		
General							
1	Executives, officers and assistants	2,573	5,147,856	24,431,225	2,001	4.75	9,495
2	Professional and sub-professional assistants	2,214	4,391,302	13,335,893	1,983	3.04	6,023
3	Chief, assistant chief and supervisory clerks	1,702	3,378,351	9,472,887	1,985	2.80	5,566
4	Clerks, stenographers and office machine operators	18,328	36,028,893	74,746,002	1,966	2.07	4,078
5	Telephone switchboard operators, office boys and sorters	723	1,376,480	2,062,140	1,904	1.50	2,852
6	Janitors and other building attendants	1,140	2,151,640	3,672,321	1,887	1.71	3,221
7	Service vehicle operators	198	439,978	919,854	2,222	2.09	4,646
8	Miscellaneous trades workers	218	428,168	997,702	1,964	2.33	4,577
9	Police inspectors, sergeants, special agents and investigators	253	539,265	1,434,918	2,131	2.66	5,672
10	Constables and policemen	889	1,773,167	4,008,251	1,995	2.26	4,509
11	Stores general foremen, foremen, and assistants	257	507,980	1,288,485	1,977	2.54	5,014
12	Storemen and stores labourers (non-clerical)	2,168	4,139,488	8,252,245	1,909	1.99	3,806
	Totals	30,663	60,302,568	144,621,923	1,967	2.40	4,716
Way and Structures							
13	B. & B. masters, roadmasters and assistants	779	1,627,138	5,151,003	2,089	3.17	6,612
14	Maintenance of way and scale inspectors	55	109,534	288,954	1,992	2.64	5,254
15	B. & B. department foremen	549	1,110,345	2,867,995	2,022	2.58	5,224
16	B. & B. carpenters and bridgemen	2,223	4,346,755	9,262,397	1,955	2.13	4,167
17	Blacksmiths, pipefitters and tinsmiths	257	497,160	1,217,777	1,934	2.45	4,738
18	Masons, painters and other journeymen	813	1,639,196	3,779,299	2,016	2.31	4,649
19	Helpers, B. & B. department	228	443,458	853,878	1,945	1.93	3,745
20	Labourers, bridge, building and signal	611	1,221,137	2,187,505	1,999	1.79	3,580
21	Work equipment operators and helpers	1,243	3,132,693	7,143,135	2,520	2.28	5,747
22	Pumpmen	15	32,020	65,835	2,135	2.06	4,389
23	Extra gang and snow plow foremen	343	975,669	2,476,639	2,845	2.54	7,221
24	Section foremen	4,634	9,403,228	19,951,610	2,029	2.12	4,305
25	Labourers, extra gang	4,065	10,022,746	13,412,860	2,466	1.34	3,300
26	Sectionmen	13,219	25,429,135	46,336,064	1,924	1.82	3,505
27	General and assistant general foremen and inspectors (signal and electrical transmission) ..	92	193,511	642,145	2,103	3.32	6,980
28	Foremen, signal and electrical transmission	156	315,210	928,663	2,021	2.95	5,953
29	Signal and interlocker maintainers and helpers ..	1,297	2,717,247	5,952,350	2,095	2.19	4,589
30	Linemen and groundmen, electrical transmission ..	65	144,849	353,378	2,228	2.44	5,437
	Totals	30,644	63,361,031	122,871,487	2,068	1.94	4,010
Equipment							
31	General foremen, foremen and assistant foremen ..	2,631	5,317,759	16,082,796	2,021	3.02	6,113
32	Blacksmiths	312	590,182	1,439,618	1,892	2.44	4,614
33	Boilermakers	488	923,877	2,269,711	1,893	2.46	4,651
34	Carmen, coach and locomotive	2,284	4,456,795	10,911,039	1,951	2.45	4,777
35	Carmen, freight	6,830	13,199,731	30,865,957	1,933	2.34	4,519
36	Electrical workers	1,823	3,575,677	8,694,277	1,961	2.43	4,769
37	Machinists	3,322	6,314,735	15,469,498	1,901	2.45	4,657
38	Moulders	19	31,913	85,010	1,680	2.66	4,474
39	Pipefitters and sheet metal workers	1,230	2,341,201	5,684,238	1,903	2.43	4,621
40	Helpers to mechanics	4,142	8,047,803	16,599,230	1,943	2.06	4,008
41	Apprentices	1,139	2,164,608	4,075,499	1,900	1.88	3,578
42	Coach cleaners	1,497	2,869,259	5,267,238	1,917	1.84	3,519
43	Classified labourers (shops, enginehouses and power plants)	2,374	4,497,290	8,437,970	1,894	1.88	3,554
44	Unclassified labourers (shops, enginehouses and power plants)	1,874	3,537,289	6,369,070	1,888	1.80	3,399
45	Stationary engineers, firemen and oilers	503	1,038,720	2,226,544	2,065	2.14	4,427
	Totals	30,468	58,906,839	134,477,695	1,933	2.28	4,414

See footnote at end of table.

TABLE 4. Employees and their Compensation, 1961 - Class I and II Railways - Concluded

No.	Division	Number of employees (monthly average) ¹	Time on duty (hours)	Total compensation	Average hours worked	Average salaries and wages	
						Per hour	Per year
				\$		dollars	
Transportation							
46	Chief train dispatchers	116	264,533	1,083,413	2,280	4.10	9,340
47	Train dispatchers	601	1,181,132	4,027,024	1,965	3.41	6,701
48	Supervisory agents and assistants	672	1,416,015	3,627,805	2,107	2.56	5,399
49	Agents and caretaker agents at small stations (non-telegraphers)	122	249,082	454,232	2,042	1.82	3,723
50	Station agents, telegraphers and telephoners	5,470	11,026,340	25,272,889	2,016	2.29	4,620
51	Levermen (non-telegraphers) at interlockers	129	263,195	557,281	2,040	2.12	4,320
52	Baggage, parcel room and station attendants	838	1,648,943	2,984,304	1,968	1.81	3,561
53	General foremen and foremen in freight sheds	513	1,033,465	2,465,585	2,015	2.39	4,806
54	Freight handlers and freight shed operators	4,520	7,947,665	16,458,830	1,758	2.07	3,641
55	Labourers	1,073	2,046,321	3,746,668	1,907	1.83	3,492
56	Dining car and restaurant inspectors	102	207,380	561,744	2,033	2.71	5,507
57	Dining car stewards, chefs, cooks and waiters	1,205	2,674,503	4,532,515	2,220	1.69	3,761
58	Restaurant managers, chefs, cooks and waiters	559	1,342,326	1,944,194	2,401	1.45	3,478
59	News agents	125	294,106	456,079	2,353	1.55	3,649
60	Sleeping and parlour car conductors	179	422,256	848,591	2,359	2.01	4,741
61	Porters and other train attendants	1,074	2,344,877	3,945,032	2,183	1.68	3,673
62	Bridge operators	119	251,004	538,319	2,109	2.14	4,524
63	Crossing watchmen and gatemen	379	746,513	1,325,239	1,970	1.78	3,497
64	Floating equipment employees	507	971,579	2,260,370	1,916	2.32	4,458
	Sub-totals	18,303	36,331,235	77,090,114	1,985	2.12	4,212
65	Yardmasters and assistants	760	1,486,387	4,615,955	1,956	3.11	6,074
66	Switch tenders	370	729,486	1,508,447	1,972	2.07	4,077
67	Hostlers	361	859,626	1,913,575	2,387	2.23	5,301
	Sub-totals	1,491	3,075,499	8,037,977	2,063	2.61	5,391
68	Road passenger conductors	551	1,176,952	4,263,373	2,136	3.62	7,738
69	Road freight conductors	2,113	4,326,041	14,545,733	2,047	3.36	6,884
70	Road passenger brakemen and baggagemen	1,241	2,520,590	7,439,634	2,031	2.95	5,995
71	Road freight brakemen	4,745	8,513,028	24,694,441	1,794	2.90	5,204
72	Yard foremen	2,069	4,339,026	11,407,265	2,097	2.63	5,513
73	Yard helpers	4,630	8,861,948	21,267,703	1,914	2.40	4,593
74	Road passenger engineers and motormen	709	1,238,500	6,375,336	1,747	5.15	8,992
75	Road freight engineers and motormen	2,421	4,535,695	18,101,672	1,873	3.99	7,477
76	Yard engineers and motormen	1,817	4,440,106	12,046,841	2,444	2.71	6,630
77	Road passenger firemen and helpers	574	970,172	4,088,094	1,690	4.21	7,122
78	Road freight firemen and helpers	2,331	4,261,721	13,704,404	1,828	3.22	5,879
79	Yard firemen and helpers	1,730	4,180,529	9,116,989	2,416	2.18	5,270
	Sub-totals	24,931	49,364,308	147,051,485	1,980	2.98	5,898
	Totals	44,725	88,771,042	232,179,576	1,985	2.62	5,191
	Totals divisions 1 to 79	136,500	271,341,480	634,150,681	1,988	2.34	4,646
Other Operations							
80	Communications	9,511	19,512,965	39,666,037	2,052	2.03	4,171
81	Express	9,869	19,533,440	40,217,295	1,979	2.06	4,075
82	Cartage	462	871,911	1,727,371	1,887	1.98	3,739
83	Highway transport (rail)	909	1,814,239	3,712,866	1,996	2.05	4,085
84	Outside operations	8,142	16,556,267	25,842,256	2,033	1.56	3,174
	Totals	28,893	58,288,822	111,165,825	2,017	1.91	3,848
	Grand totals	165,393	329,630,302	745,316,506²	1,993	2.26	4,506
85	Number of female employees (monthly average) ..	9,720	-	-	-	-	-
86	Salaries and wages charged to operating expenses	-	-	671,424,756	-	-	-

¹ Average of counts made each month.² Includes \$9,048,915 paid to 1,918 employees domiciled outside Canada and charged to Canadian System. An additional \$4,772,721 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, 1961 - Class III and IV Railways

No.	Division	Number of employees (monthly average) ¹	Time on duty (hours)	Total compensation	Average hours worked	Average salaries and wages	
						Per hour	Per year
				\$		dollars	
	Summary						
1-12	General	141	269,525	535,955	1,912	1.99	3,801
13-30	Way and structures	155	313,658	592,386	2,024	1.89	3,822
31-45	Equipment	104	219,644	462,061	2,112	2.10	4,443
46-79	Transportation	285	591,393	1,179,751	2,075	1.99	4,139
	Totals divisions 1 to 79	685	1,394,220	2,770,153	2,035	1.99	4,044
80	Communications	—	—	—	—	—	—
81	Express	3	7,488	11,172	2,496	1.49	3,724
82	Cartage	—	—	—	—	—	—
83	Highway transport (rail)	—	—	—	—	—	—
84	Outside operations	—	—	—	—	—	—
	Totals divisions 80 to 84	3	7,488	11,172	2,496	1.49	3,724
	Grand totals	688	1,401,708	2,781,325	2,037	1.98	4,043
85	Number of female employees (monthly average)	26	—	—	—	—	—
86	Salaries and wages charged to operating expenses	—	—	2,103,258	—	—	—
87	Pullman and International Bridge Company ²	53	119,705	278,991	2,259	2.33	5,264

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

TABLE 6. Employees and their Compensation, 1961 - All Railways

No.	Division	Number of employees (monthly average) ¹	Time on duty (hours)	Total compensation	Average hours worked	Average salaries and wages	
						Per hour	Per year
				\$		dollars	
	Summary						
1-12	General	30,804	60,572,093	145,157,878	1,966	2.40	4,712
13-30	Way and structures	30,799	63,674,689	123,463,873	2,067	1.94	4,009
31-45	Equipment	30,572	59,126,483	134,939,756	1,934	2.28	4,414
46-79	Transportation	45,010	89,362,435	233,359,327	1,985	2.61	5,185
	Totals divisions 1 to 79	137,185	272,735,700	636,920,834	1,988	2.34	4,643
80	Communications	9,511	19,512,965	39,666,037	2,052	2.03	4,171
81	Express	9,872	19,540,928	40,228,467	1,979	2.06	4,075
82	Cartage	462	871,911	1,727,371	1,887	1.98	3,739
83	Highway transport (rail)	909	1,814,239	3,712,866	1,996	2.05	4,085
84	Outside operations	8,142	16,556,267	25,842,256	2,033	1.56	3,174
	Totals divisions 80 to 84	28,896	58,296,310	111,176,997	2,017	1.91	3,847
	Grand totals	166,081	331,032,010	748,097,831²	1,993	2.26	4,504
85	Number of female employees (monthly average)	9,746	—	—	—	—	—
86	Salaries and wages charged to operating expenses	—	—	673,528,014	—	—	—

¹ Average of counts made each month.² Includes \$9,114,299 paid to 1932 employees domiciled outside Canada and charged to Canadian System. An additional \$4,819,847 expended for the same purpose by U.S. lines operating in Canada is not included because the proper distribution is not available.

[Faint, illegible text, possibly bleed-through from the reverse side of the page. The text is too light to transcribe accurately.]

STATISTICS CANADA LIBRARY
BIBLIOTHÈQUE STATISTIQUE CANADA



1010553394