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STEAM RAILWAY EMPLOYEES AND THEIR COMPENSATION 1926 - 1951

The trend of employment and earnings of steam railway employees over the past quarter century is summarized in the present report. The representative years chosen for this report are 1926, 1928, 1933, 1939, and 1946 to 1951. The previous edition in this series gave individual years from 1926 to 1945. Further details for preceding years are available from "Statistics of Steam Railways in Canada" published annually since 1919 by the Dominion Bureau of Statistics and previously by the old Department of Railways and Canals. The classification of employees followed is that enjoined by the Board of Transport Commissioners and the Bureau of Statistics in "Rules Governing the Classification of Steam Railway Employees", effective January 1, 1926. It should be noted that divisions 79 (express), 80 (communications) and 81 (outside operations) have been included only in Table 6 of the present compilation. Newfoundland employees numbering over 4,000 were added to the railway working force in 1949 upon Confederation. To assist in interpreting the data given, the method of compilation used generally by the reporting carriers is explained below.

For the average number of employees, Table 1, a count of all employees is taken at a fixed date each month. In the case of laborers and other classes whose numbers fluctuate rapidly counts may be taken two or four times a month and averaged to obtain a monthly figure. For divisions 67 to 78 inclusive (train crews) all employees on the roster available for service on the day of the count are included whether or not they are actually working on that day. The annual figure is the sum of the monthly counts divided by twelve. It is thus not the total number of persons employed by the railroads during a year. Such a figure would be meaningless for most ordinary purposes, and if used in statistical analysis would give misleading results, since a casual employee who worked only a week would have the same weight as a full time employee. The ideal method of counting employees by taking a daily count and dividing the total by the number of counts, is not feasible, and the system of monthly counts is considered to provide a close approximation to the results that would be obtained under the more detailed method.

The wages and salaries paid, Table 2, are the sums of amounts paid to all employees on the monthly payroll. Hours or days worked per year, Table 3, comprise the total time actually worked, excluding constructive time, divided by the average

number of employees as given in Table 1. Salaries and wages per hour or day, Table 4, are obtained by applying total hours or days worked to the total compensation paid.

The average yearly wage or salary, Table 5, is computed by dividing total compensation by the average number of employees. It should be noted that the method of counting employees limits any distortion in the average yearly wage which the presence of part-time employees might be expected to create. Twelve employees who work only one month of the year count as one employee working for the full year. The average yearly wage, as shown, therefore represents the wage for a full year's work in each case.

In comparing the averages of Tables 4 and 5 as between the various divisions it must be kept in mind that each of the 78 divisions will group together employees on different jobs and at different rates of pay. Some of the divisions are fairly homogeneous but others lump together employees having a considerable range in rates of pay. Also changes in the proportion to higher-paid to lower-paid employees within a single division will affect the year-to-year comparison in this division.

Comparative Analysis

Employment in the 78 divisions covered was at a maximum of 172,946 in 1928 declined steadily to a depression low of 110,864 in 1933 and recovered in subsequent years with a decline in 1938. The wartime period caused a steady growth to a peak of 163,665 in 1945. In the post war, employment numbers moved up steadily due to the addition of Newfoundland workers and the five day work week inaugurated June 1, 1951, bringing a record average of 183,499 on payroll for the latter year. The increase from 1939 to 1951 was 67,532 or 58.2 p.c. In a similar comparison total salaries and wages rose from \$182,989,000 to \$570,709,000 or by nearly 212 p.c. Average hours worked during 1951 were slightly under 1939 with averages of 2,323 and 2,348 hours respectively while those on a daily basis laboured 289 days in 1951 against 306 in 1939. Average earnings for those on hourly payment rose from 64 cents in 1939 to 132 cents in 1951 or more than double. Daily workers earned \$11.18 versus \$5.98 in 1939. The average annual earnings of all groups were \$3,110 last year compared with \$1,578 twelve years earlier, a betterment of 97 p.c.

TABLE 1. Employees and Their Compensation—Average Number of Employees

	1926	1928	1933	1939	1946	1947	1948	1949	1950	1951
General and miscellaneous										
1. Executives, general officers and assistants	854	847	703	506	554	548	596	590	593	582
2. Division officers	1,691	1,124	868	883	1,052	1,057	1,065	1,111	1,141	1,395
3. Assistant engineers and draftsmen	789	1,120	445	496	735	778	850	861	856	950
4. Other miscellaneous officials	1,358	1,445	1,350	1,303	1,323	1,357	1,530	1,450	1,441	1,526
5. Clerks	17,785	18,141	13,316	13,096	18,710	19,185	19,287	19,591	19,331	20,384
6. Telephone switchboard operators	284	247	220	244	237	223	247	247	251	265
7. Office boys, messengers & misc. trade workers	1,126	1,216	958	989	1,737	1,800	1,848	1,880	1,856	1,955
8. Janitors and cleaners	1,380	1,436	1,090	1,478	995	1,017	1,057	1,105	1,127	1,188
Total	24,667	25,576	18,950	18,995	25,343	25,965	26,480	26,835	26,596	28,245
Maintenance of way and structures										
9. Bridge and building department foremen	593	624	321	362	540	542	579	577	576	630
10. Carpenters and bridgemen	3,113	3,233	1,636	1,676	2,478	2,358	2,494	2,618	2,585	2,703
11. Blacksmiths, pipe fitters, plumbers etc.	308	326	235	280	345	373	405	410	433	429
12. Masons, bricklayers, plasterers and painters	494	526	185	215	446	428	493	494	446	531
13. Helpers, B. & B. department	394	330	107	193	356	388	483	475	462	484
14. Apprentices, B. & B. department	51	62	18	—	—	—	—	—	—	—
15. Pile driver, ditching, steam shovel employees	400	466	221	284	525	564	657	750	808	847
16. Pumpmen	747	727	432	391	395	401	394	369	355	338
17. Extra gang and snow plough foremen	490	563	121	303	439	442	462	464	464	559
18. Signal foremen	32	41	22	34	52	62	59	59	63	67
19. Section foremen	6,076	6,265	5,979	5,757	5,970	5,968	6,034	6,110	6,050	5,998
20. Sectionmen	18,498	19,658	14,771	14,487	17,507	17,469	17,815	18,039	18,035	18,796
21. Labourers	13,411	16,474	3,255	5,670	8,267	7,869	8,474	8,290	8,032	9,091
22. Foremen—Linemen	54	81	46	29	49	40	36	38	38	56
23. Telegraph and telephone linemen and groundmen	485	456	79	36	97	95	73	71	79	69
24. Signal and interlocker maintainers and repairmen	326	415	382	384	747	764	766	757	749	828
Total	45,472	50,247	27,810	30,101	38,213	37,763	39,224	39,521	39,175	41,426
Maintenance of equipment										
25. General foremen	71	70	48	54	67	65	66	99	107	101
26. Department and gang foremen	2,315	2,365	1,983	2,036	2,533	2,552	2,681	2,709	2,721	2,935
27. Blacksmiths	774	767	583	545	713	739	737	748	734	791
28. Boilermakers	1,403	1,461	1,079	997	1,377	1,439	1,490	1,516	1,483	1,525
29. Carmen (a)	2,791	2,741	1,529	1,765	2,264	2,435	2,616	2,760	2,884	3,070
30. Carmen (b)	721	723	456	403	537	551	593	582	608	621
31. Carmen (c)	8,030	8,299	5,098	4,750	6,484	6,735	7,125	7,415	7,576	9,054
32. Carmen (d)	374	352	234	179	188	205	237	240	209	232
33. Electrical workers	762	820	714	725	1,049	1,108	1,174	1,214	1,253	1,383
34. Machinists	4,754	5,003	3,655	3,409	5,050	5,168	5,385	5,447	5,440	5,843
35. Moulders	133	147	94	76	118	122	129	135	133	142
36. Pipe fitters and sheet metal workers	1,148	1,136	826	917	1,278	1,371	1,432	1,519	1,493	1,602
37. Helpers to mechanics	7,735	8,355	5,626	5,594	8,848	9,052	9,502	9,672	9,578	10,735
38. Helper apprentices	153	101	21	11	41	38	32	33	29	36
39. Regular apprentices	1,740	1,602	1,111	1,354	2,304	2,334	2,294	2,112	1,885	1,956
40. Car cleaners	1,626	1,665	1,276	1,234	1,901	1,946	2,083	2,059	1,968	2,148
41. Other unskilled employees	3,927	4,291	2,787	2,697	4,570	4,966	5,002	4,757	4,679	5,201
42. Unclassified labourers	4,130	3,831	2,338	2,164	3,086	3,089	3,203	3,360	3,242	3,562
43. Stationary engineers, firemen and oilers	943	947	822	794	915	801	804	815	835	872
Total	43,530	44,676	30,280	29,704	43,323	44,718	46,585	47,192	46,857	51,809
Transportation										
44. Inspectors and sergeants of police	156	163	136	145	206	212	217	217	222	224
45. Constables and policemen	657	674	586	751	860	736	724	761	730	785
46. Storekeepers	144	159	137	152	247	252	258	268	272	270
47. Storemen	1,558	1,862	1,310	1,445	2,072	2,124	2,245	2,183	2,194	2,400
48. Train despatchers and traffic supervisors	552	558	430	438	620	623	639	642	641	701
49. Supervisory agents and assistants	760	791	605	498	548	537	549	566	577	601
50. Station agents—non-telegraphers (small stations) ..	238	221	176	188	138	147	138	151	141	136
51. Station agents—telegraphers and telephoners	5,791	6,201	5,003	4,721	5,727	5,795	5,914	6,038	5,918	6,299
52. Signalmen (non-telegraphers) at interlockers	481	467	353	266	257	242	239	232	224	277
53. Foremen in freight sheds	499	402	321	381	578	575	563	580	576	582
54. Freight handlers and other station employees	5,484	5,635	3,351	4,100	6,690	7,216	6,953	7,255	7,122	7,869
55. Labourers	582	562	332	486	1,136	1,106	1,097	1,067	1,084	1,241
56. Dining car and restaurant inspectors and stewards ..	364	354	230	232	443	376	347	348	337	336
57. Dining car and restaurant helpers and attendants ..	1,795	2,129	885	1,047	2,863	2,392	2,356	2,338	2,131	2,152
58. News agents	1	—	9	168	210	200	197	197	194	185
59. Floating equipment employees	790	759	519	564	794	805	842	1,422	1,216	1,205
60. Sleeping and parlor car inspectors and conductors ..	206	233	144	144	272	255	259	250	236	237
61. Sleeping and parlor car porters	1,018	1,175	752	779	1,373	1,295	1,324	1,375	1,300	1,367
62. Drawbridge operators	110	108	87	88	102	106	105	102	99	100
63. Signalmen or watchmen at crossings (non-interlocked) ..	799	786	645	578	574	579	570	539	533	580
64. Yardmasters and assistants	388	389	287	303	677	708	703	713	701	725
65. Switch tenders	490	519	337	318	400	394	397	398	397	386
66. Hostlers	668	666	394	376	644	639	659	682	655	660
67. Road passenger conductors	873	900	634	660	834	827	829	862	835	847
68. Road freight conductors	2,370	2,608	1,425	1,685	2,544	2,688	2,746	2,710	2,617	2,775
69. Road passenger brakemen, baggagemen and flagmen ..	1,925	2,019	1,422	1,471	1,841	1,866	1,900	2,009	1,937	1,976
70. Road freight brakemen and flagmen	5,158	5,777	3,401	3,864	5,826	6,323	6,472	6,446	6,486	6,869
71. Yard conductors and yard foremen	1,286	1,459	864	1,026	1,697	1,868	1,886	1,819	1,750	1,819
72. Yard brakemen and helpers	2,810	3,080	1,985	2,273	3,678	4,042	4,247	4,225	4,299	4,546
73. Road passenger engineers and motormen	1,171	1,243	824	827	1,014	997	1,031	1,085	1,064	1,107
74. Road freight engineers and motormen	2,938	3,168	1,759	2,144	3,441	3,666	3,711	3,589	3,616	3,826
75. Yard engineers and motormen	1,190	1,335	792	931	1,457	1,613	1,695	1,745	1,662	1,753
76. Road passenger firemen and helpers	1,152	1,223	822	822	983	1,000	1,034	1,075	1,062	1,111
77. Road freight firemen and helpers	3,131	3,469	2,032	2,323	3,630	3,964	3,994	3,970	4,003	4,248
78. Yard firemen and helpers	1,219	1,353	835	973	1,471	1,645	1,775	1,805	1,729	1,824
Total	48,754	52,447	33,824	37,167	55,847	57,813	58,615	59,564	58,560	62,019
Total Divisions 1-78 (Hourly basis)	132,188	141,619	87,608	92,244	125,947	129,574	133,562	135,348	133,912	144,138
" " " (Daily basis)	30,235	31,327	23,256	23,723	36,779	36,685	37,342	37,764	37,276	39,361
GRAND TOTAL DIVISIONS 1-78	162,423	172,946	110,864	115,967	162,726	166,259	170,904	173,112	171,188	183,499

1. News agents of Canadian Pacific included in railway payroll in 1936 and subsequent years.

TABLE 2. Employees and Their Compensation—Total Salaries and Wages
(Thousands of Dollars)

	1926	1928	1933	1939	1946	1947	1948	1949	1950	1951
General and miscellaneous										
1. Executives, general officers and assistants	5,274	5,347	3,805	3,364	4,374	4,590	5,204	5,442	5,537	6,071
2. Division officers	3,731	3,988	2,748	3,146	4,352	4,791	5,179	5,651	5,929	7,835
3. Assistant engineers and draftsmen	1,445	2,170	964	1,098	1,993	2,222	2,753	2,838	2,923	3,422
4. Other miscellaneous officials	3,431	3,611	3,164	3,547	4,637	5,034	6,136	6,125	6,248	7,113
5. Clerks	24,549	26,062	18,024	20,259	38,967	41,989	48,714	50,695	50,948	57,730
6. Telephone switchboard operators	246	230	184	237	363	382	475	484	511	586
7. Office boys, messengers, & misc. trades workers	776	899	622	765	2,428	2,706	3,356	3,514	3,536	4,134
8. Janitors and cleaners	903	1,000	797	1,105	1,443	1,579	1,980	2,120	2,198	2,525
Total	40,355	43,307	30,308	33,521	58,558	63,293	73,797	76,869	77,830	89,416
Maintenance of way and structures										
9. Bridge and building department foremen	1,069	1,168	509	665	1,325	1,373	1,705	1,720	1,736	2,111
10. Carpenters and bridgemen	4,377	4,521	2,160	2,453	4,968	5,000	6,317	6,592	6,575	7,480
11. Blacksmiths, pipe fitters, plumbers, etc.	519	570	382	509	838	928	1,188	1,232	1,293	1,370
12. Masons, bricklayers, plasterers and painters	668	723	223	313	911	927	1,231	1,270	1,152	1,487
13. Helpers, B. and B. department	445	399	110	225	613	709	1,065	1,077	1,047	1,202
14. Apprentices, B. and B. department	32	56	15	—	—	—	—	—	—	—
15. Pile driver, ditching, steam shovel employees	701	903	297	512	1,428	1,597	2,172	2,401	2,610	3,200
16. Pumpmen	858	888	466	490	779	857	985	771	936	977
17. Extra gang and snow plough foremen	908	1,170	209	398	1,096	1,142	1,455	1,397	1,499	2,031
18. Signal foremen	75	94	51	91	174	226	243	250	274	315
19. Section foremen	8,753	9,328	8,184	8,691	12,853	13,631	16,112	16,437	16,430	17,593
20. Sectionmen	17,040	19,772	13,606	15,008	28,303	30,106	37,156	38,570	38,909	44,281
21. Labourers	10,413	13,520	2,117	4,043	10,549	10,847	13,633	13,380	13,277	17,396
22. Foremen—Linemen	99	168	91	60	143	114	127	144	142	229
23. Telegraph and telephone linemen and groundmen	553	501	98	48	175	198	186	183	207	205
24. Signal and interlocker maintainers and repairmen	547	691	619	714	1,724	1,891	2,191	2,252	2,218	2,628
Total	47,057	54,472	29,137	34,220	65,879	69,544	85,766	87,876	88,305	102,505
Maintenance of equipment										
25. General foremen	216	217	134	176	251	271	302	400	459	474
26. Department and gang foremen	5,496	5,766	4,245	4,930	7,635	8,000	9,385	9,777	9,935	12,028
27. Blacksmiths	1,257	1,292	656	904	1,696	1,808	2,062	2,114	2,049	2,449
28. Boilermakers	2,324	2,555	1,259	1,679	3,360	3,627	4,276	4,381	4,270	4,868
29. Carmen (a)	4,489	4,578	1,631	2,915	5,273	5,886	7,280	7,644	8,080	9,662
30. Carmen (b)	1,148	1,195	460	682	1,232	1,331	1,611	1,635	1,689	1,929
31. Carmen (c)	12,148	13,426	5,996	7,367	15,119	16,487	20,038	21,059	21,607	28,566
32. Carmen (d)	503	526	215	266	404	460	618	628	543	701
33. Electrical workers	1,237	1,424	932	1,248	2,518	2,772	3,387	3,567	3,677	4,515
34. Machinists	7,589	8,535	4,086	5,697	12,077	12,857	15,280	15,836	15,509	18,584
35. Moulders	221	252	90	127	285	301	364	382	368	449
36. Pipe fitters and sheet metal workers	1,841	1,909	878	1,515	2,973	3,358	4,019	4,335	4,197	5,103
37. Helpers to mechanics	8,747	10,300	4,807	6,816	16,689	18,032	22,424	23,158	22,866	28,651
38. Helper apprentices	186	124	16	10	64	48	64	66	68	85
39. Regular apprentices	1,595	1,664	808	1,401	3,823	4,461	5,264	4,620	3,631	4,051
40. Car cleaners	1,593	1,784	1,076	1,300	3,066	3,337	4,326	4,478	4,399	5,359
41. Other unskilled employees	4,144	4,749	2,543	2,815	7,412	8,495	10,468	10,413	10,429	12,777
42. Unclassified labourers	3,625	3,518	1,459	1,997	4,550	4,857	6,111	6,526	6,332	7,812
43. Stationary engineers, firemen and oilers	1,344	1,380	1,051	1,162	1,858	1,800	2,085	2,193	2,298	2,605
Undistributed	—	46	—	—	—	—	—	—	—	—
Total	59,703	65,240	32,342	43,007	90,285	98,188	119,364	123,410	122,406	150,668
Transportation										
44. Inspectors and sergeants of police	316	362	283	341	604	648	736	761	803	876
45. Constables and policemen	1,065	1,148	694	1,134	1,911	1,768	2,001	2,098	2,168	2,392
46. Storekeepers	281	321	254	311	647	697	815	853	883	957
47. Storemen	1,634	2,082	1,154	1,624	3,509	3,788	4,696	4,769	4,806	5,763
48. Train dispatchers and traffic supervisors	1,611	1,732	1,167	1,406	2,294	2,437	2,788	2,852	2,897	3,523
49. Supervisory agents and assistants	1,476	1,606	1,161	1,174	1,593	1,640	1,856	1,978	2,026	2,256
50. Station agents—non-telegraphers (small stations)	248	230	147	155	217	260	288	320	292	311
51. Station agents—telegraphers and telephoners	10,561	11,900	7,842	8,908	14,350	15,394	17,854	18,446	18,192	21,022
52. Signalmen (non-telegraphers) at interlockers	565	598	416	381	516	523	614	617	616	784
53. Foremen in freight sheds	812	722	504	665	1,336	1,424	1,587	1,630	1,628	1,874
54. Freight handlers and other station employees	6,253	6,750	3,145	4,707	12,188	14,207	15,686	15,747	15,494	19,399
55. Labourers	587	564	252	462	1,900	2,033	2,440	2,293	2,290	2,954
56. Dining car and restaurant inspectors and stewards	585	693	390	415	1,161	1,024	1,099	1,084	1,080	1,234
57. Dining car and restaurant helpers and attendants	1,767	2,195	778	1,097	4,783	4,168	5,012	4,727	4,595	5,412
58. News agents	1	—	6	116	407	389	402	390	357	418
59. Floating equipment employees	1,067	938	619	717	1,479	1,589	1,980	2,752	2,956	3,217
60. Sleeping and parlour car inspectors and conductors	419	476	239	288	752	710	813	792	760	891
61. Sleeping and parlour car porters	1,056	1,291	731	873	2,348	2,241	3,249	3,120	3,009	3,695
62. Drawbridge operators	133	140	110	131	221	234	281	288	276	315
63. Signalmen or watchmen at crossings (non-interlocked)	749	782	595	602	922	979	1,197	1,200	1,189	1,425
64. Yardmasters and assistants	1,109	1,292	774	917	2,297	2,515	2,841	2,842	2,794	3,284
65. Switch tenders	764	831	432	500	886	939	1,116	1,137	1,100	1,328
66. Hostlers	1,130	1,256	571	677	1,558	1,679	2,021	2,124	2,054	2,354
67. Road passenger conductors	2,382	2,629	1,547	1,944	3,319	3,456	3,996	4,016	3,839	4,633
68. Road freight conductors	6,434	7,738	3,210	4,700	9,472	10,638	12,430	12,190	12,172	14,935
69. Road passenger brakemen, baggagemen and flagmen	3,780	4,177	2,376	3,072	5,680	5,945	7,054	7,291	6,890	8,497
70. Road freight brakemen and flagmen	10,219	12,404	5,087	7,526	16,069	18,018	21,222	21,013	20,970	25,942
71. Yard conductors and yard foremen	2,961	3,418	1,558	2,256	5,128	5,735	6,846	6,733	6,660	8,463
72. Yard brakemen and helpers	5,418	6,377	2,910	4,225	10,119	11,312	13,106	12,879	13,066	16,114
73. Road passenger engineers and motormen	3,730	4,142	2,323	2,949	4,722	4,974	5,834	5,908	5,634	6,649
74. Road freight engineers and motormen	8,990	10,732	4,432	6,649	13,265	14,788	16,972	16,403	16,391	19,589
75. Yard engineers and motormen	3,064	3,555	1,656	2,323	5,225	5,816	6,875	6,852	6,904	8,333
76. Road passenger firemen and helpers	2,752	3,060	1,662	2,157	3,719	3,959	4,674	4,867	4,663	5,740
77. Road freight firemen and helpers	6,723	8,145	3,339	5,034	10,479	11,745	13,643	13,498	13,491	16,569
78. Yard firemen and helpers	2,385	2,797	1,291	1,804	4,256	4,774	5,643	5,583	5,620	6,972
Total	93,047	107,083	53,853	72,240	149,332	162,446	189,667	190,081	188,783	228,120
Total Divisions 1-78 (Hourly Basis)	188,186	214,171	107,088	139,549	278,614	303,417	362,931	369,147	367,327	443,295
“ “ “ (Daily Basis)	51,976	55,931	38,552	43,439	85,440	90,054	105,663	109,089	109,979	127,414
GRAND TOTAL DIVISIONS 1-78	240,162	270,102	145,640	182,988	364,054	393,471	468,594	478,236	477,306	570,709

TABLE 3. Employees and Their Compensation—Average Number of Hours Worked Per Year
(D = Days)

	1926	1928	1933	1939	1946	1947	1948	1949	1950	1951
General and miscellaneous										
1. Executives, general officers and assistants	D 299	D 297	D 299	D 302	D 303	D 305	D 306	D 305	D 306	D 287
2. Division officers	D 321	D 325	D 318	D 315	D 320	D 313	D 313	D 312	D 322	D 297
3. Assistant engineers and draftsmen	D 305	D 309	D 302	D 304	D 308	D 308	D 309	D 306	D 309	D 277
4. Other miscellaneous officials	D 305	D 305	D 303	D 299	D 303	D 302	D 312	D 305	D 303	D 280
5. Clerks	D 299	D 308	D 304	D 308	D 308	D 308	D 309	D 306	D 304	D 283
6. Telephone switchboard operators	D 307	D 311	D 302	D 301	D 300	D 314	D 297	D 287	D 289	D 273
7. Office boys, messengers, & misc. trades workers	D 308	D 312	D 293	D 299	D 305	D 302	D 301	D 296	D 293	D 277
8. Janitors and cleaners	D 271	D 270	D 292	D 258	D 304	D 300	D 301	D 296	D 296	D 275
Total (Daily Basis)	D 299	D 306	D 303	D 303	D 308	D 307	D 308	D 305	D 304	D 282
Maintenance of way and structures										
9. Bridge and building department foremen	D 330	D 323	D 300	D 308	D 314	D 310	D 314	D 314	D 308	D 281
10. Carpenters and bridgemen	2,501	2,451	2,371	2,382	2,399	2,427	2,493	2,432	2,382	2,224
11. Blacksmiths, pipe fitters, plumbers, etc.	2,423	2,519	2,519	2,520	2,466	2,455	2,519	2,534	2,459	2,293
12. Masons, bricklayers, plasterers and painters	2,198	2,298	2,142	2,305	2,382	2,391	2,391	2,401	2,347	2,185
13. Helpers, B. and B. department	2,371	2,459	2,371	2,368	2,376	2,353	2,402	2,405	2,347	2,194
14. Apprentices, B. and B. department	1,707	2,550	2,184	—	—	—	—	—	—	—
15. Pile driver, ditching, steam shovel employees	2,994	3,188	2,454	2,812	2,897	2,906	2,896	2,817	2,785	2,741
16. Pumpmen	2,683	2,743	2,553	2,594	2,738	2,774	2,767	2,764	2,694	2,510
17. Extra gang and snow plough foremen	2,769	2,985	2,663	1,798	2,480	2,467	2,621	2,502	2,568	2,444
18. Signal foremen	D 318	D 331	D 309	D 314	D 311	D 313	D 317	D 313	D 314	D 297
19. Section foremen	2,579	2,586	2,559	2,528	2,591	2,608	2,640	2,588	2,558	2,375
20. Sectionmen	2,485	2,531	2,389	2,417	2,406	2,423	2,453	2,447	2,399	2,227
21. Labourers	2,610	2,732	2,391	2,333	2,355	2,424	2,586	2,432	2,467	2,531
22. Foremen—Linemen	D 316	D 298	D 304	D 313	D 327	D 308	D 330	D 349	D 340	D 303
23. Telegraph and telephone linemen and groundmen	2,280	2,468	2,558	2,337	2,095	2,273	2,230	2,159	2,121	2,065
24. Signal and interlocker maintainers and repairmen	2,605	2,648	2,600	2,672	2,619	2,638	2,665	2,692	2,604	2,417
Total (Hourly Basis)	2,545	2,612	2,432	2,423	2,438	2,468	2,530	2,480	2,453	2,336
Total (Daily Basis)	D 329	D 321	D 301	D 309	D 315	D 310	D 316	D 316	D 311	D 284
Maintenance of equipment										
25. General foremen	D 319	D 319	D 306	D 303	D 320	D 312	D 317	D 289	D 314	D 296
26. Department and gang foremen	D 325	D 326	D 303	D 317	D 320	D 315	D 319	D 317	D 316	D 296
27. Blacksmiths	2,153	2,205	1,658	2,104	2,311	2,266	2,281	2,261	2,200	2,129
28. Boilermakers	2,235	2,300	1,608	2,074	2,335	2,302	2,324	2,284	2,249	2,174
29. Carmen (a)	2,149	2,164	1,475	2,028	2,244	2,219	2,262	2,244	2,165	2,141
30. Carmen (b)	2,070	2,131	1,366	2,054	2,201	2,212	2,188	2,222	2,175	2,118
31. Carmen (c)	2,313	2,353	1,790	2,112	2,411	2,423	2,432	2,393	2,359	2,265
32. Carmen (d)	2,042	2,162	1,382	1,998	2,206	2,184	2,232	2,165	2,114	2,054
33. Electrical workers	2,352	2,407	1,912	2,238	2,414	2,407	2,439	2,397	2,348	2,268
34. Machinists	2,162	2,257	1,548	2,080	2,310	2,298	2,323	2,329	2,241	2,173
35. Moulders	2,039	2,150	1,271	2,031	2,250	2,198	2,221	2,125	2,139	2,134
36. Pipe fitters and sheet metal workers	2,174	2,203	1,471	2,045	2,221	2,233	2,268	2,242	2,176	2,161
37. Helpers to mechanics	2,245	2,300	1,639	2,094	2,336	2,333	2,369	2,340	2,289	2,202
38. Helper apprentices	2,204	2,246	1,530	1,946	1,937	1,539	2,104	2,062	2,361	2,080
39. Regular apprentices	2,058	2,147	1,323	2,015	2,190	2,224	2,247	2,200	2,108	2,076
40. Car cleaners	2,555	2,582	2,152	2,405	2,429	2,422	2,434	2,471	2,483	2,353
41. Other unskilled employees	2,641	2,678	2,354	2,437	2,413	2,391	2,422	2,448	2,432	2,281
42. Unclassified labourers	2,291	2,347	1,686	2,258	2,286	2,284	2,298	2,260	2,212	2,121
43. Stationary engineers, firemen and oilers	2,649	2,524	2,403	2,492	2,529	2,594	2,601	2,579	2,573	2,404
Total (Hourly Basis)	2,290	2,342	1,746	2,159	2,340	2,336	2,361	2,343	2,295	2,211
Total (Daily Basis)	D 324	D 326	D 303	D 316	D 320	D 315	D 319	D 316	D 315	D 296
Transportation										
44. Inspectors and sergeants of police	D 325	D 321	D 332	D 327	D 315	D 310	D 307	D 306	D 308	D 292
45. Constables and policemen	D 346	D 335	D 327	D 325	D 320	D 313	D 315	D 303	D 317	D 283
46. Storekeepers	D 324	D 325	D 313	D 309	D 308	D 311	D 315	D 309	D 310	D 293
47. Storemen	2,229	2,250	1,922	2,223	2,271	2,275	2,284	2,287	2,244	2,114
48. Train despatchers and traffic supervisors	2,586	2,659	2,555	2,575	2,501	2,516	2,529	2,497	2,485	2,336
49. Supervisory agents and assistants	2,567	2,573	2,556	2,582	2,543	2,563	2,534	2,521	2,497	2,367
50. Station agents—non-telegraphers (small stations)	2,256	2,283	2,594	2,080	2,538	2,518	2,500	2,439	2,395	2,444
51. Station agents—telegraphers and telephoners	2,651	2,659	2,485	2,578	2,599	2,620	2,629	2,558	2,535	2,385
52. Signalmen (non-telegraphers) at interlockers	2,615	2,613	2,542	2,574	2,476	2,512	2,555	2,505	2,534	2,423
53. Foremen in freight sheds	2,497	2,571	2,549	2,475	2,465	2,490	2,481	2,394	2,374	2,337
54. Freight handlers and other station employees	2,380	2,304	2,125	2,249	2,421	2,465	2,435	2,267	2,202	2,169
55. Labourers	2,436	2,415	2,154	2,395	2,447	2,511	2,550	2,449	2,349	2,260
56. Dining car and restaurant inspectors and stewards	2,736	3,130	2,856	2,954	D 344	D 327	D 336	D 325	D 331	D 322
57. Dining car and restaurant helpers and attendants	3,091	3,062	2,749	2,808	D 338	D 323	D 323	D 309	D 311	D 305
58. News agents	D 306	—	D 303	D 298	D 280	D 294	D 293	D 291	D 293	D 306
59. Floating equipment employees	3,339	3,228	3,368	3,410	2,902	2,820	2,864	2,288	2,676	2,692
60. Sleeping and parlour car inspectors and conductors	2,915	2,889	2,626	2,803	D 351	D 335	D 330	D 328	D 333	D 344
61. Sleeping and parlour car porters	3,019	3,010	2,786	2,943	D 359	D 334	D 333	D 325	D 331	D 326
62. Drawbridge operators	2,599	2,616	2,590	2,713	2,569	2,519	2,599	2,681	2,502	2,372
63. Signalmen or watchmen at crossings (non-interlocked)	2,492	2,640	2,585	2,587	2,552	2,524	2,577	2,347	2,586	2,402
64. Yardmasters and assistants	D 323	D 363	D 330	D 333	D 311	D 307	D 318	D 307	D 308	D 313
65. Switch tenders	D 340	D 334	D 317	D 325	D 334	D 340	D 346	D 345	D 328	D 349
66. Hostlers	D 338	D 342	D 312	D 331	D 329	D 340	D 346	D 343	D 342	D 343
67. Road passenger conductors	2,675	2,550	2,376	2,251	2,673	2,510	2,554	2,427	2,378	2,507
68. Road freight conductors	3,143	3,097	2,577	2,555	2,913	2,822	2,808	2,667	2,739	2,835
69. Road passenger brakemen, baggagemen and flagmen	2,637	2,517	2,221	2,150	2,664	2,444	2,463	2,327	2,252	2,356
70. Road freight brakemen and flagmen	2,935	2,855	2,165	2,265	2,588	2,443	2,416	2,261	2,234	2,302
71. Yard conductors and yard foremen	2,823	2,766	2,499	2,559	2,737	2,679	2,701	2,692	2,836	2,976
72. Yard brakemen and helpers	2,652	2,623	2,200	2,334	2,654	2,591	2,511	2,422	2,388	2,458
73. Road passenger engineers and motormen	2,335	2,194	2,105	2,121	2,377	2,312	2,336	2,190	2,078	2,194
74. Road freight engineers and motormen	3,010	3,048	2,536	2,490	2,661	2,588	2,567	2,513	2,468	2,515
75. Yard engineers and motormen	3,042	2,988	2,794	2,794	3,158	3,064	3,012	2,833	2,970	3,081
76. Road passenger firemen and helpers	2,295	2,150	1,954	1,992	2,378	2,233	2,203	2,104	2,012	2,068
77. Road freight firemen and helpers	2,844	2,802	2,179	2,283	2,517	2,379	2,383	2,280	2,221	2,256
78. Yard firemen and helpers	3,007	2,977	2,651	2,659	3,106	2,991	2,859	2,769	2,830	2,918
Total (Hourly Basis)	2,732	2,702	2,370	2,433	2,606	2,550	2,534	2,419	2,405	2,413
Total (Daily Basis)	D 336	D 340	D 322	D 324	D 334	D 324	D 326	D 317	D 320	D 315
Total Divisions 1-78 (Hourly Basis)	2,530	2,563	2,188	2,348	2,470	2,457	2,476	2,411	2,382	2,323
" " " (Daily Basis)	D 305	D 311	D 305	D 306	D 315	D 311	D 313	D 308	D 308	D 289

TABLE 4. Employees and Their Compensation - Salaries and Wages Per Hour
(D = Day)

	1926	1928	1933	1939	1946	1947	1948	1949	1950	1951
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
General and miscellaneous										
1. Executives, general officers and assistants	D 20.65	D 21.25	D 18.08	D 22.03	D 26.08	D 27.48	D 28.53	D 30.26	D 30.50	D 36.36
2. Division officers	D 10.64	D 10.90	D 9.94	D 11.30	D 12.95	D 14.48	D 15.53	D 16.30	D 16.14	D 18.89
3. Assistant engineers and draftsmen	D 6.01	D 6.27	D 7.17	D 7.28	D 8.80	D 9.26	D 10.47	D 10.75	D 11.07	D 12.99
4. Other miscellaneous officials	D 8.28	D 8.20	D 7.74	D 9.11	D 11.55	D 12.27	D 12.84	D 13.85	D 14.33	D 16.67
5. Clerks	D 4.62	D 4.67	D 4.45	D 5.02	D 6.76	D 7.11	D 8.17	D 8.45	D 8.87	D 10.02
6. Telephone switchboard operators	D 2.82	D 2.99	D 2.76	D 3.23	D 5.11	D 5.45	D 6.47	D 6.84	D 7.04	D 8.10
7. Office boys, messengers, & misc. trades workers	D 2.24	D 2.37	D 2.22	D 2.59	D 4.59	D 4.98	D 6.02	D 6.30	D 6.50	D 7.63
8. Janitors and cleaners	D 2.42	D 2.58	D 2.50	D 2.90	D 4.77	D 5.18	D 6.22	D 6.49	D 6.58	D 7.72
Total (Daily Basis)	D 5.46	D 5.54	D 5.27	D 5.82	D 7.51	D 7.94	D 9.04	D 9.39	D 9.64	D 11.21
Maintenance of way and structures										
9. Bridge and building department foremen	D 5.46	D 5.78	D 5.30	D 5.96	D 7.80	D 8.18	D 9.36	D 9.49	D 9.78	D 11.91
10. Carpenters and bridgemen .....	.56	.57	.56	.61	.84	.87	1.02	1.04	1.07	1.24
11. Blacksmiths, pipe fitters, plumbers, etc. ....	.70	.69	.65	.72	.99	1.01	1.16	1.19	1.21	1.39
12. Masons, bricklayers, plasterers and painters .....	.62	.60	.56	.63	.86	.91	1.04	1.07	1.10	1.28
13. Helpers, B. and B. department .....	.48	.49	.43	.49	.72	.78	.92	.94	.97	1.13
14. Apprentices, B. and B. department .....	.38	.35	.39	—	—	—	—	—	—	—
15. Pile driver, ditching, steam shovel employees .....	.58	.61	.55	.64	.94	.97	1.14	1.14	1.16	1.38
16. Pumpmen .....	.43	.44	.42	.48	.72	.77	.90	.95	.98	1.15
17. Extra gang and snow plough foremen .....	.67	.70	.65	.73	1.01	1.05	1.20	1.20	1.26	1.49
18. Signal foremen	D 7.38	D 6.93	D 7.43	D 8.56	D 10.76	D 11.66	D 12.95	D 13.53	D 13.82	D 15.86
19. Section foremen .....	.56	.58	.54	.60	.83	.88	1.01	1.04	1.06	1.23
20. Sectionmen .....	.37	.40	.39	.43	.67	.71	.85	.87	.90	1.06
21. Labourers .....	.30	.30	.27	.31	.54	.57	.62	.66	.67	.78
22. Foremen - Linemen	D 5.78	D 7.00	D 6.51	D 6.61	D 8.94	D 9.23	D 10.67	D 10.91	D 11.03	D 13.48
23. Telegraph and telephone linemen and groundmen ....	.50	.44	.48	.58	.86	.91	1.15	1.19	1.24	1.44
24. Signal and interlocker maintainers and repairmen....	.64	.63	.62	.70	.88	.94	1.07	1.10	1.14	1.31
Total (Hourly Basis) .....	.40	.41	.43	.46	.70	.74	.86	.89	.91	1.05
Total (Daily Basis)	D 5.57	D 5.97	D 5.56	D 6.22	D 8.13	D 8.58	D 9.75	D 9.83	D 10.24	D 12.40
Maintenance of equipment										
25. General foremen	D 9.50	D 9.73	D 9.13	D 10.78	D 11.73	D 13.37	D 14.43	D 13.97	D 13.68	D 15.85
26. Department and gang foremen	D 7.33	D 7.49	D 7.07	D 7.64	D 9.42	D 9.96	D 10.98	D 11.38	D 11.57	D 13.83
27. Blacksmiths .....	.75	.76	.68	.79	1.03	1.08	1.23	1.25	1.27	1.45
28. Boilermakers .....	.74	.78	.73	.81	1.04	1.09	1.24	1.27	1.28	1.47
29. Carmen (a) .....	.75	.77	.72	.81	1.04	1.09	1.23	1.27	1.27	1.47
30. Carmen (b) .....	.77	.78	.74	.82	1.04	1.09	1.24	1.26	1.28	1.47
31. Carmen (c) .....	.65	.69	.66	.73	.97	1.01	1.16	1.19	1.21	1.39
32. Carmen (d) .....	.66	.69	.66	.74	.97	1.03	1.17	1.21	1.23	1.47
33. Electrical workers .....	.69	.72	.68	.77	.99	1.04	1.18	1.23	1.25	1.44
34. Machinists .....	.74	.76	.72	.80	1.04	1.08	1.22	1.25	1.27	1.46
35. Moulders .....	.81	.80	.75	.82	1.08	1.12	1.27	1.28	1.29	1.48
36. Pipe fitters and sheet metal workers .....	.74	.76	.72	.81	1.05	1.10	1.24	1.27	1.29	1.47
37. Helpers to mechanics .....	.50	.54	.52	.58	.81	.85	1.00	1.02	1.04	1.21
38. Helper apprentices .....	.55	.54	.49	.45	.80	.82	.95	.98	.99	1.13
39. Regular apprentices .....	.45	.48	.55	.51	.76	.86	1.02	.99	.91	1.00
40. Car cleaners .....	.38	.42	.39	.44	.66	.71	.85	.68	.90	1.08
41. Other unskilled employees .....	.40	.41	.39	.43	.67	.72	.86	.89	.92	1.08
42. Unclassified labourers .....	.38	.39	.37	.41	.64	.69	.83	.86	.88	1.03
43. Stationary engineers, firemen and oilers .....	.54	.58	.53	.59	.80	.87	1.00	1.04	1.07	1.24
Total (Hourly Basis) .....	.57	.60	.57	.64	.86	.91	1.06	1.09	1.11	1.28
Total (Daily Basis)	D 7.39	D 7.55	D 7.12	D 7.72	D 9.48	D 10.04	D 11.06	D 11.46	D 11.65	D 13.90
Transportation										
44. Inspectors and sergeants of police	D 6.23	D 6.92	D 6.27	D 7.19	D 9.33	D 9.88	D 11.03	D 11.55	D 11.74	D 13.39
45. Constables and policemen	D 4.69	D 5.09	D 4.67	D 4.64	D 6.95	D 7.67	D 8.78	D 9.09	D 9.38	D 10.76
46. Storekeepers	D 6.03	D 6.23	D 5.94	D 6.62	D 8.51	D 8.89	D 10.04	D 10.31	D 10.48	D 12.09
47. Storemen .....	.47	.50	.46	.51	.75	.78	.92	.96	.98	1.14
48. Train despatchers and traffic supervisors	1.13	1.17	1.08	1.25	1.48	1.55	1.73	1.80	1.82	2.15
49. Supervisory agents and assistants .....	.76	.79	.75	.91	1.14	1.19	1.33	1.39	1.41	1.59
50. Station agents - non-telegraphers (small stations) .....	.46	.46	.32	.40	.62	.70	.84	.87	.87	.94
51. Station agents - telegraphers and telephoners .....	.69	.72	.63	.73	.96	1.01	1.15	1.19	1.21	1.40
52. Signalmen (non-telegraphers) at interlockers .....	.47	.49	.46	.56	.81	.86	1.01	1.06	1.08	1.17
53. Foremen in freight sheds .....	.65	.60	.62	.71	.94	.99	1.14	1.17	1.19	1.38
54. Freight handlers and other station employees .....	.48	.52	.44	.51	.75	.60	.93	.96	.99	1.14
55. Labourers .....	.41	.42	.35	.40	.68	.73	.87	.88	.90	1.05
56. Dining car and restaurant inspectors and stewards .....	.59	.63	.59	.60	D 7.62	D 8.34	D 9.44	D 9.59	D 9.69	D 11.42
57. Dining car and restaurant helpers and attendants....	.32	.34	.32	.37	D 4.95	D 5.40	D 6.60	D 6.84	D 6.93	D 8.23
58. News agents	D 3.66	—	D 2.28	D 2.31	D 6.93	D 6.62	D 6.98	D 6.80	D 6.29	D 7.38
59. Floating equipment employees .....	.40	.38	.35	.37	.64	.70	.82	.85	.91	.99
60. Sleeping and parlour car inspectors and conductors .....	.70	.71	.63	.71	D 7.88	D 8.32	D 9.50	D 9.64	D 9.67	D 10.92
61. Sleeping and parlour car porters .....	.34	.36	.35	.38	D 4.76	D 5.19	D 7.36	D 6.99	D 6.99	D 8.28
62. Drawbridge operators .....	.47	.50	.49	.55	.84	.88	1.03	1.05	1.12	1.33
63. Signalmen or watchmen at crossings (non-interlocked) .....	.38	.38	.36	.40	.63	.67	.81	.84	.86	1.02
64. Yardmasters and assistants	D 8.84	D 9.15	D 8.16	D 9.09	D 10.89	D 11.55	D 12.72	D 12.97	D 12.95	D 14.49
65. Switch tenders	D 4.60	D 4.80	D 4.05	D 4.84	D 6.63	D 7.00	D 8.13	D 8.29	D 8.45	D 9.85
66. Hostlers	D 5.01	D 5.51	D 4.64	D 5.44	D 7.35	D 7.72	D 8.87	D 9.08	D 9.17	D 10.40
67. Road passenger conductors	1.02	1.14	1.03	1.31	1.49	1.66	1.89	1.92	1.93	2.18
68. Road freight conductors .....	.86	.96	.87	1.09	1.28	1.40	1.61	1.69	1.70	1.90
69. Road passenger brakemen, baggage men and flagmen .....	.74	.82	.75	.97	1.16	1.30	1.51	1.56	1.58	1.82
70. Road freight brakemen and flagmen .....	.68	.75	.69	.86	1.07	1.17	1.36	1.44	1.45	1.64
71. Yard conductors and yard foremen .....	.82	.85	.72	.86	1.10	1.15	1.34	1.37	1.38	1.56
72. Yard brakemen and helpers .....	.73	.79	.67	.80	1.04	1.08	1.23	1.26	1.27	1.44
73. Road passenger engineers and motormen	1.36	1.52	1.34	1.68	1.96	2.16	2.42	2.49	2.55	2.74
74. Road freight engineers and motormen	1.02	1.11	.99	1.24	1.45	1.56	1.76	1.82	1.84	2.04
75. Yard engineers and motormen .....	.85	.89	.75	.89	1.14	1.18	1.35	1.39	1.40	1.54
76. Road passenger firemen and helpers	1.04	1.16	1.04	1.32	1.59	1.77	2.05	2.15	2.18	2.50
77. Road freight firemen and helpers .....	.76	.84	.75	.95	1.15	1.25	1.43	1.49	1.52	1.73
78. Yard firemen and helpers .....	.65	.69	.58	.70	.93	.97	1.11	1.14	1.15	1.31
Total (Hourly Basis) .....	.70	.76	.67	.80	1.06	1.13	1.31	1.35	1.37	1.56
Total (Daily Basis)	D 5.54	D 5.98	D 5.30	D 5.57	D 6.34	D 6.95	D 8.29	D 8.44	D 8.55	D 9.91
Total Divisions 1-78 (Hourly Basis) .....	.56	.59	.56	.64	.90	.95	1.10	1.13	1.15	1.32
" " " (Daily Basis)	D 5.63	D 5.75	D 5.44	D 5.98	D 7.38	D 7.89	D 9.05	D 9.37	D 9.59	D 11.18

TABLE 5. Employees and Their Compensation - Salaries and Wages - Per Year

	1926	1928	1933	1939	1946	1947	1948 ¹	1949	1950	1951
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
General and miscellaneous										
1. Executives, general officers and assistants	6,175	6,313	5,413	6,648	7,896	8,376	8,732	9,223	9,338	10,430
2. Division officers	3,420	3,548	3,166	3,564	4,137	4,532	4,863	5,086	5,196	5,617
3. Assistant engineers and draftsmen	1,831	1,937	2,166	2,214	2,718	2,855	3,239	3,296	3,414	3,602
4. Other miscellaneous officials	2,527	2,499	2,344	2,722	3,505	3,710	4,011	4,225	4,336	4,661
5. Clerks	1,380	1,437	1,354	1,547	2,083	2,189	2,526	2,588	2,636	2,832
6. Telephone switchboard operators	866	932	834	971	1,530	1,712	1,921	1,960	2,037	2,211
7. Office boys, messengers, & misc. trades workers	689	739	649	774	1,398	1,504	1,816	1,869	1,905	2,115
8. Janitors and cleaners	654	697	731	748	1,450	1,553	1,873	1,919	1,951	2,125
Total (Daily Basis)	D 1,636	D 1,693	D 1,599	D 1,765	D 2,311	D 2,438	D 2,787	D 2,865	D 2,926	D 3,166
Maintenance of way and structures										
9. Bridge and building department foremen	1,803	1,871	1,586	1,837	2,453	2,533	2,945	2,981	3,014	3,350
10. Carpenters and bridgemen	1,406	1,399	1,320	1,463	2,005	2,120	2,533	2,518	2,543	2,767
11. Blacksmiths, pipe fitters, plumbers, etc.	1,687	1,810	1,626	1,817	2,429	2,488	2,933	3,006	2,987	3,192
12. Masons, bricklayers, plasterers and painters	1,351	1,374	1,206	1,458	2,043	2,165	2,497	2,571	2,582	2,801
13. Helpers, B. and B. department	1,129	1,208	1,027	1,167	1,723	1,828	2,205	2,268	2,266	2,482
14. Apprentices, B. and B. department	622	902	850	—	—	—	—	—	—	—
15. Pile driver, ditching, steam shovel employees	1,754	1,937	1,344	1,802	2,719	2,831	3,306	3,201	3,230	3,778
16. Pumpmen	1,149	1,222	1,079	1,252	1,971	2,138	2,501	2,631	2,638	2,892
17. Extra gang and snow plough foremen	1,853	2,078	1,730	1,313	2,497	2,585	3,150	3,010	3,230	3,634
18. Signal foremen	2,349	2,294	2,293	2,684	3,346	3,644	4,112	4,231	4,342	4,707
19. Section foremen	1,441	1,489	1,369	1,510	2,153	2,284	2,670	2,690	2,716	2,933
20. Sectionmen	921	1,006	921	1,036	1,617	1,723	2,086	2,138	2,157	2,356
21. Labourers	776	821	650	713	1,276	1,378	1,609	1,614	1,653	1,914
22. Foremen - Linemen	1,826	2,079	1,978	2,067	2,926	2,848	3,515	3,803	3,748	4,090
23. Telegraph and telephone linemen and groundmen	1,140	1,098	1,235	1,347	1,802	2,064	2,556	2,580	2,626	2,974
24. Signal and interlocker maintainers and repairmen	1,679	1,641	1,619	1,858	2,308	2,475	2,860	2,975	2,962	3,174
Total (Hourly Basis)	1,023	1,071	1,039	1,126	1,710	1,827	2,171	2,208	2,238	2,455
Total (Daily Basis)	D 1,845	D 1,917	D 1,672	D 1,921	D 2,562	D 2,659	D 3,077	D 3,137	D 3,179	D 3,526
Maintenance of Equipment										
25. General foremen	3,038	3,100	2,794	3,265	3,751	4,172	4,574	4,037	4,295	4,697
26. Department and gang foremen	2,374	2,438	2,141	2,421	3,014	3,135	3,501	3,609	3,651	4,098
27. Blacksmiths	1,624	1,685	1,125	1,659	2,379	2,446	2,798	2,826	2,792	3,096
28. Boilermakers	1,657	1,748	1,167	1,684	2,440	2,521	2,870	2,890	2,879	3,192
29. Carmen (a)	1,608	1,670	1,067	1,651	2,329	2,417	2,783	2,842	2,802	3,147
30. Carmen (b)	1,592	1,653	1,009	1,692	2,294	2,415	2,716	2,808	2,778	3,106
31. Carmen (c)	1,513	1,616	1,176	1,551	2,332	2,448	2,812	2,840	2,852	3,155
32. Carmen (d)	1,346	1,494	917	1,486	2,148	2,246	2,608	2,618	2,596	3,021
33. Electrical workers	1,623	1,737	1,306	1,721	2,400	2,502	2,885	2,938	2,934	3,264
34. Machinists	1,596	1,706	1,118	1,671	2,392	2,488	2,837	2,907	2,851	3,181
35. Moulders	1,660	1,712	955	1,675	2,418	2,467	2,825	2,828	2,769	3,162
36. Pipe fitters, and sheet metal workers	1,603	1,681	1,062	1,652	2,326	2,449	2,806	2,854	2,811	3,186
37. Helpers to mechanics	1,131	1,233	854	1,218	1,886	1,992	2,360	2,394	2,387	2,669
38. Helper apprentices	1,216	1,223	752	877	1,555	1,269	1,996	2,014	2,331	2,349
39. Regular apprentices	917	1,039	728	1,035	1,660	1,911	2,295	2,188	1,926	2,071
40. Car cleaners	980	1,071	843	1,054	1,613	1,715	2,077	2,174	2,235	2,495
41. Other unskilled employees	1,055	1,107	913	1,044	1,622	1,710	2,093	2,189	2,229	2,457
42. Unclassified labourers	878	918	624	923	1,475	1,572	1,908	1,942	1,953	2,193
43. Stationary engineers, firemen and oilers	1,425	1,458	1,278	1,463	2,031	2,247	2,593	2,691	2,752	2,987
Total (Hourly Basis)	1,312	1,403	990	1,373	2,023	2,136	2,502	2,551	2,544	2,833
Total (Daily Basis)	D 2,394	D 2,457	2,156	D 2,443	D 3,033	D 3,160	D 3,526	D 3,624	D 3,675	D 4,118
Transportation										
44. Inspectors and sergeants of police	2,025	2,223	2,960	2,349	2,934	3,058	3,391	3,507	3,616	3,913
45. Constables and policemen	1,621	1,703	1,525	1,509	2,223	2,401	2,764	2,757	2,970	3,047
46. Storekeepers	1,950	2,020	1,858	2,045	2,620	2,766	3,159	3,182	3,246	3,545
47. Storemen	1,049	1,118	881	1,124	1,694	1,764	2,092	2,185	2,190	2,401
48. Train despatchers and traffic supervisors	2,918	3,104	2,714	3,210	3,699	3,912	4,363	4,489	4,520	5,025
49. Supervisory agents and assistants	1,943	2,030	1,919	2,358	2,907	3,054	3,360	3,495	3,512	3,753
50. Station agents - non-telegraphers (small stations)	1,040	1,041	833	826	1,572	1,771	2,091	2,117	2,073	2,285
51. Station agents - telegraphers and telephoners	1,824	1,919	1,568	1,887	2,506	2,656	3,019	3,055	3,074	3,337
52. Signalmen (non-telegraphers) at interlockers	1,216	1,260	1,179	1,432	2,009	2,163	2,569	2,660	2,750	2,832
53. Foremen in freight sheds	1,626	1,796	1,569	1,746	2,311	2,477	2,818	2,810	2,827	3,220
54. Freight handlers and other station employees	1,140	1,198	938	1,148	1,822	1,969	2,256	2,170	2,176	2,465
55. Labourers	1,009	1,003	758	951	1,672	1,838	2,224	2,149	2,112	2,381
56. Dining car and restaurant inspectors and stewards	1,608	1,958	1,696	1,787	2,622	2,722	3,169	3,117	3,205	3,672
57. Dining car and restaurant helpers and attendants	985	1,031	880	1,048	1,671	1,742	2,128	2,112	2,156	2,515
58. News agents	1,120	—	665	683	1,937	1,946	2,039	1,976	1,841	2,262
59. Floating equipment employees	1,350	1,236	1,192	1,272	1,862	1,974	2,352	1,935	2,431	2,669
60. Sleeping and parlour car inspectors and conductors	2,036	2,045	1,662	1,997	2,764	2,785	3,138	3,166	3,221	3,759
61. Sleeping and parlour car porters	1,037	1,098	972	1,121	1,710	1,731	2,454	2,269	2,515	2,703
62. Drawbridge operators	1,211	1,301	1,265	1,485	2,170	2,206	2,673	2,805	2,790	3,148
63. Signalmen or watchmen at crossings (non-interlocked)	937	995	923	1,042	1,606	1,691	2,099	2,227	2,231	2,457
64. Yardmasters and assistants	2,858	3,321	2,696	3,027	3,392	3,552	4,042	3,985	3,986	4,529
65. Switch tenders	1,560	1,601	1,282	1,574	2,214	2,384	2,811	2,856	2,772	3,441
66. Hostlers	1,692	2,420	1,449	1,800	2,420	2,628	3,066	3,115	3,135	3,586
67. Road passenger conductors	2,728	2,921	2,440	2,946	3,980	4,178	4,821	4,659	4,597	5,470
68. Road freight conductors	2,715	2,967	2,253	2,790	3,723	3,958	4,526	4,498	4,651	5,382
69. Road passenger brakemen, baggagemen and flagmen	1,964	2,069	1,671	2,088	3,086	3,186	3,713	3,629	3,557	4,300
70. Road freight brakemen and flagmen	1,981	2,147	1,496	1,948	2,758	2,850	3,279	3,260	3,233	3,777
71. Yard conductors and yard foremen	2,303	2,343	1,601	2,199	3,022	3,070	3,630	3,702	3,920	4,652
72. Yard brakemen and helpers	1,928	2,070	1,466	1,859	2,751	2,799	3,086	3,048	3,039	3,545
73. Road passenger engineers and motormen	3,185	3,332	2,819	3,566	4,656	4,989	5,659	5,445	5,295	6,007
74. Road freight engineers and motormen	3,060	3,388	2,520	3,101	3,855	4,034	4,573	4,570	4,533	5,120
75. Yard engineers and motormen	2,575	2,663	2,091	2,495	3,586	3,606	4,056	3,926	4,154	4,753
76. Road passenger firemen and helpers	2,389	2,502	2,022	2,624	3,784	3,959	4,521	4,527	4,390	5,167
77. Road freight firemen and helpers	2,147	2,348	1,643	2,167	2,887	2,963	3,416	3,400	3,370	3,900
78. Yard firemen and helpers	1,957	2,067	1,547	1,854	2,893	2,902	3,179	3,093	3,251	3,822
Total (Hourly Basis)	1,911	2,043	1,586	1,952	2,770	2,893	3,313	3,265	3,292	3,753
Total (Daily Basis)	D 1,863	D 2,028	D 1,704	D 1,805	D 2,118	D 2,249	D 2,702	D 2,676	D 2,732	D 3,117
Total, Divisions 1-78 (Hourly Basis)	1,424	1,512	1,222	1,513	2,212	2,342	2,717	2,727	2,743	3,075
" " " " (Daily Basis)	D 1,719	D 1,785	D 1,658	D 1,831	D 2,323	D 2,455	D 2,830	D 2,889	D 2,950	D 3,237
GRAND TOTAL DIVISIONS 1-78	1,479	1,562	1,314	1,578	2,237	2,367	2,742	2,763	<	

TABLE 6. Express, Communication and Outside Employees and Grand Totals— all Employees

	(79) Express Department	(80) Communication Department	(81) Employees Engaged in Outside Operations	(Classes 1-81) Grand Total ¹		
				Hourly Basis	Daily Basis	Total
Average number of employees						
Year:						
1926	3,051	2,841	8,718	143,747	33,286	177,033
1928	3,107	3,350	8,307	153,276	34,434	187,710
1933	2,234	2,479	6,346	96,433	25,490	121,923
1939	2,412	2,426	8,557	103,227	26,135	129,362
1946	3,957	7,130	6,570	139,647	40,736	180,383
1947	4,247	7,380	6,529	143,483	40,932	184,415
1948	4,571	7,775	6,713	148,050	41,913	189,963
1949	4,730	8,076	6,448	149,872	42,494	192,366
1950	4,880	8,184	6,133	148,229	42,156	190,385
1951	5,258	9,082	6,186	159,406	44,619	204,025
Total salaries and wages (thousands of dollars)						
Year:						
1926	4,174	3,575	8,970	200,731	56,150	256,881
1928	4,454	4,202	9,016	227,390	60,385	287,775
1933	3,097	2,957	6,633	116,677	41,649	158,326
1939	3,671	3,326	10,388	153,264	47,110	200,374
1946	8,423	13,429	10,951	302,994	93,863	396,857
1947	9,655	14,984	11,733	330,134	99,709	429,843
1948	11,830	18,108	13,523	394,562	117,493	512,055
1949	12,718	19,169	13,330	401,648	121,807	523,453
1950	13,087	19,724	12,891	399,942	123,066	523,008
1951	15,821	23,828	14,325	481,448	143,235	624,683
Average number of hours worked per year (D=days)						
Year:						
1926	D 253	2,505 ²	2,683 ²	2,538	D 300	—
1928	D 317	2,506	3,084	2,590	D 311	—
1933	D 287	2,416	2,643	2,224	D 303	—
1939	D 295	2,421	2,665	2,376	D 305	—
1946	D 316	2,387	2,476	2,466	D 315	—
1947	D 321	2,403	2,507	2,456	D 312	—
1948	D 322	2,401	2,529	2,474	D 314	—
1949	D 323	2,382	2,452	2,412	D 310	—
1950	D 317	2,360	2,432	2,383	D 309	—
1951	D 305	2,252	2,461	2,324	D 291	—
Salaries and wages per hour (D = Day)						
Year:						
1926	D 5.40	.50 ²	.38 ²	.55	D 5.62	—
1928	D 4.52	.50	.35	.57	D 5.64	—
1933	D 4.83	.49	.40	.54	D 5.39	—
1939	D 5.17	.57	.46	.62	D 5.90	—
1946	D 6.74	.79	.67	.88	D 7.32	—
1947	D 7.08	.84	.72	.94	D 7.80	—
1948	D 8.04	.97	.80	1.08	D 8.93	—
1949	D 8.32	1.00	.84	1.11	D 9.24	—
1950	D 8.46	1.02	.86	1.13	D 9.45	—
1951	D 9.87	1.17	.94	1.30	D 11.02	—
Salaries and wages per year						
Year:						
1926	1,368	1,258	1,029	1,396	1,687	1,451
1928	1,434	1,254	1,085	1,484	1,754	1,533
1933	1,386	1,193	1,045	1,210	1,634	1,299
1939	1,522	1,371	1,214	1,485	1,803	1,549
1946	2,128	1,883	1,667	2,170	2,304	2,200
1947	2,273	2,030	1,797	2,436	2,301	2,331
1948	2,588	2,329	2,015	2,665	2,803	2,696
1949	2,689	2,374	2,067	2,680	2,866	2,721
1950	2,682	2,410	2,102	2,698	2,919	2,747
1951	3,009	2,624	2,316	3,020	3,210	3,062

1. Includes Groups 1-78
2. Estimated

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