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CANADA
DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
TRANSPORTATION BRANCH

PRELIMINARY REPORT
ON
STATISTICS OF STEAM RAILWAYS
IN
CANADA
1937



OTTAWA
1938

Price 10 cents

DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

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

PRELIMINARY REPORT

ON

STATISTICS OF STEAM RAILWAYS

1937

For the fourth consecutive year gross revenues of Canadian railways showed an increase, amounting to \$355,103,271 for 1937 as against \$334,768,557 for 1936. The improvement began to slacken in May and was small for the last half of the year, September and December showing declines. Operating expenses increased from \$283,345,968 in 1936 to \$300,652,548, maintenance of equipment increasing by \$9,411,494, or 14.8 per cent, whereas maintenance of way and structures was reduced by \$2,069,125, or 3.4 per cent. Net operating revenues increased from \$51,422,589 in 1936 to \$54,450,723 and the net corporate income transferred to the profit and loss account was a debit of \$31,222,713, as against a debit of \$71,675,697 in 1936. Some of this apparent improvement was due to the elimination from the Canadian National Railways' accounts of the interest on Government loans which amounted to \$36,428,873 in 1936.

This was effected under the Capital Revision Act 1937 and by the same Act the cash deficits of the Canadian National system will be paid by the Dominion Government, so that no profit and loss debit balance will accumulate for the railway. The preceding explanation also accounts for the greater part of the reduction in the interest on funded and unfunded debt which dropped from \$112,204,371 in 1936 to \$77,819,294.

The mileage of railway in operation at the end of the year was 42,726.84, a net increase during the year of 174.85 miles. The principal increases were in the Canadian National system where 36.43 miles of the Senneterre-Noranda branch in Quebec were opened in November (the remainder will be completed in 1938), and branch lines in Saskatchewan and Alberta were opened, adding 146.90 miles to the Saskatchewan mileage and 64.49 miles to the Alberta mileage. The Canadian Pacific ceased operating 41.6 miles from Lindsay to Orillia, Ontario, and the Vancouver, Victoria and Eastern ceased operation of 24.53 miles from Hedley to Princeton, British Columbia. There were also other smaller additions and subtractions.

Compared with 1936 traffic, freight was heavier by 8.4 per cent in tons carried and 1.9 per cent in ton miles and passenger traffic was heavier by 7.5 per cent in number of passengers carried and 11.8 per cent in passenger miles. The reduction in the long haul wheat traffic was the chief factor in holding down the ton miles.

The number of employees increased from 132,781 in 1936 to 133,467, or by 0.5 per cent, and the pay roll increased from \$182,638,365 to \$193,355,584, or by \$10,717,219 or 5.9 per cent. The reductions in rates of pay, which had been in effect for several years, were partially restored during 1937 and fully restored in 1938, as follows: reduced from 10 per cent to 8 per cent, April 1, 1937; to 7 per cent on June 1; to 6 per cent on August 1; to 5 per cent on December 1, and to 2 per cent on February 1, 1938, and the last 2 per cent was restored on April 1, 1938. The average daily wage of all employees on annual, monthly, and daily rates increased from \$5.390 in 1936 to \$5.583 in 1937 and the average hourly rate for those paid by the hour increased from 56.0 cents to 58.2 cents. The number of employees is the average of the twelve counts made on the 15th of each month.

During the year 4 passengers were killed and 381 injured in train accidents, as against 6 killed and 657 injured in 1936. The number of employees killed was also reduced from 83 to 59 and the number injured from 1,293 to 1,082, while the numbers of other persons killed and injured were 263 and 659, as against 273 and 622 respectively

in 1936. The increase in other persons injured was all in the number of trespassers which increased from 186 to 272. These are persons stealing rides on trains, walking on the right-of-way, and also persons crossing the railways at highway crossings when the gates are down. There were 2 fewer persons killed at highway crossings, but 48 more were injured than in 1936. These increases were all motorists, the number injured jumping from 266 to 323 and the number of motorists killed increasing from 105 to 109.

Even gates and watchmen are not sufficient warning to prevent some persons from attempting to cross in front of moving trains. There was one pedestrian killed and 2 pedestrians, 14 motorists, and 2 other persons injured at crossings protected by gates and one motorist killed and 13 motorists injured at crossings protected by watchmen. At unprotected crossings 106 persons were killed, 100 of whom were motorists, and 275 persons were injured, of whom 265 were motorists.

There were 2,788 protected crossings and 29,278 unprotected highway crossings in Canada at the close of the year.

TABLE 1.

INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1937

No.	Name of Railway	Total Operating Revenues	Total Operating Expenses	Net Operating Revenues	Railway Tax Accruals	Net Operating Income
		\$	\$	\$	\$	\$
1.	Algoma Central & Hudson Bay	1,983,521	1,762,782	220,739	39,652	181,087
2.	Alma and Jonquiere	139,069	76,823	62,246	5,553	56,693
3.	British Yukon	230,574	162,944	67,630	8,798	58,832
4.	Canada and Gulf Terminal	89,405	69,215	20,190	3,206	16,984
5.	Canada Southern (N.Y.C. Lessee)	15,557,571	8,298,902	7,258,669	824,917	6,433,752
6.	Canadian National	165,082,489	153,711,913	11,370,576	4,057,304	7,313,272
7.	Canadian Pacific	145,201,161	117,069,541	28,131,620	4,273,770	23,857,850
8.	Central Vermont	206,543	201,992	4,551	1,847	2,704
9.	Cumberland	188,740	127,753	60,987	3,600	57,387
10.	Essex Terminal	256,036	172,155	83,881	21,113	62,768
11.	Greater Winnipeg Water District	105,617	107,906	- 2,289	...	- 2,289
12.	Hudson Bay	129,343	428,679	- 299,336	193	- 299,529
13.	Maine Central	11,348	12,094	- 746	701	- 1,447
14.	Maritime Coal, Railway & Power Co.	77,938	49,027	28,811	1,400	27,411
15.	Midland Railway of Manitoba	263,142	353,811	- 90,669	31,570	- 122,239
16.	Morrissey, Fernie and Michel	29,569	29,565	4	4	...
17.	Napierville Junction	475,271	335,501	139,770	14,345	125,425
18.	Nelson and Fort Sheppard	106,791	99,374	7,417	12,623	- 5,206
19.	Nipissing Central	483,849	431,207	52,642	2,417	50,225
20.	Northern Alberta	2,504,001	1,742,434	761,567	60,816	700,751
21.	Ottawa and New York	117,811	196,617	- 78,806	17,036	- 95,842
22.	Pacific Great Eastern	631,370	568,139	63,231	...	63,231
23.	Pere Marquette	4,718,148	2,680,255	2,037,893	119,408	1,918,485
24.	Quebec Railway, Light & Power Co.	348,844	354,945	- 6,101	14,272	- 20,373
25.	Roberval and Saguenay	540,747	174,711	366,036	31,832	334,204
26.	St. Lawrence and Adirondack	393,229	541,140	- 147,911	6,761	- 154,672
27.	Sydney and Louisburg	1,610,801	1,144,586	466,215	4,713	461,502
28.	Temiscouata	190,192	183,985	6,207	6,045	162
29.	Temiskaming & Northern Ontario	5,338,041	3,315,120	2,022,921	...	2,022,921
30.	Thousand Islands	36,874	31,080	5,794	259	5,535
31.	Toronto, Hamilton and Buffalo	1,980,221	1,358,720	621,501	116,774	504,727
32.	Toronto Terminals	283,287	544,853	- 261,566	215,483	- 477,049
33.	Vancouver, Victoria & Eastern	587,295	393,801	193,494	115,579	77,915
34.	Wabash (in Canada)	5,204,433	3,920,878	1,283,555	1,072	1,282,483
35.	Total	355,103,271	300,652,548	54,450,723	+ 10,045,533	44,437,660
36.	Canadian National (Canada and U.S.)	198,396,609	180,788,858	17,607,751	5,635,174	11,972,577

+ Includes taxes of the Lake Erie and Detroit River Railway Company amounting to \$32,470.

INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1937

No.	Net Income from Outside Operations	Total Net Operating Income	Gross Corporate Income	Interest on Funded and Unfunded Debt	All other Non-operating Expenses	Total Non-operating Expenses	Net Corporate Income
	\$	\$	\$	\$	\$	\$	\$
1.	...	181,087	269,704	520,865	198,790	719,655	- 449,951
2.	...	56,693	59,879	...	4,117	4,117	55,762
3.	...	58,832	76,045	85,990	...	85,990	- 9,945
4.	...	16,984	18,766	57,000	8,550	65,550	- 46,784
5.	...	6,433,752	6,706,512	113,792	4,029,436	4,143,228	2,563,284
6.	200,087	7,513,359	17,304,072	49,915,071	9,417,655	59,332,726	- 42,028,654
7.	3,366,435	27,224,285	38,302,503	20,087,802	8,752,417	28,840,219	9,462,284
8.	...	2,704	54,516	29,870	24,646	54,516	...
9.	...	57,387	57,387	...	1,903	1,903	55,484
10.	...	62,768	84,173	13,800	...	13,800	70,373
11.	...	- 2,289	- 2,289	...	6,052	6,052	- 8,341
12.	...	- 299,529	- 294,744	...	75,071	75,071	- 369,815
13.	...	- 1,447	- 1,382	...	262	262	- 1,644
14.	- 13,315	14,096	14,096	3,304	5,215	8,519	5,577
15.	...	- 122,239	- 101,373	...	111,908	111,908	- 213,281
16.	...	...	...	...	...	...	...
17.	...	125,425	125,993	...	78,911	78,911	47,082
18.	...	- 5,206	- 4,617	...	14,455	14,455	- 19,072
19.	...	50,225	50,253	21	29,826	29,847	20,406
20.	502	701,253	1,618,280	1,335,600	223,318	1,558,918	59,362
21.	...	- 95,842	- 92,730	767	34,023	34,790	- 127,520
22.	6,478	69,709	78,545	3,475,999	94,792	3,570,791	- 3,492,246
23.	...	1,918,485	2,078,187	181,866	1,114,228	1,296,094	782,093
24.	...	- 20,373	- 873	833	...	833	- 1,706
25.	...	334,204	335,536	93,100	27,910	121,010	214,526
26.	...	- 154,672	- 153,930	51,523	195,945	247,468	- 401,398
27.	...	461,502	461,502	...	428,689	428,689	32,813
28.	...	162	252	1,081	10,557	11,638	- 11,386
29.	...	2,022,921	2,076,354	367,393	217,614	585,007	1,491,347
30.	...	5,535	5,970	5,836	134	5,970	...
31.	...	504,727	696,284	215,444	78,240	293,684	402,600
32.	- 14,175	- 491,224	1,240,236	1,262,337	20,000	1,282,337	- 42,101
33.	...	77,915	351,385	...	287,841	287,841	63,544
34.	...	1,282,483	1,282,483	...	607,889	607,889	674,594
35.	3,546,012	47,983,672	72,696,975	77,819,294	26,100,394	103,919,688	- 31,222,713
36.	200,087	12,172,664	18,080,876	50,825,999	9,283,531	60,109,530	- 42,028,654

TABLE 2.

TRAIN MILEAGE FOR THE YEAR ENDED DECEMBER 31, 1937

No.	Name of Railway	Miles of Road Operated		Mileage of Revenue Freight Trains	Mileage of Revenue Passenger Trains	Total Revenue Train Mileage	Mileage of Non-revenue Trains
		At Dec. 31st X	Average during Year †				
1.	Algoma Central & Hudson Bay	322.28	323.26	379,558	738	380,296	16,022
2.	Alma and Jonquiere	10.60	10.60	169,367	3,828	173,195	...
3.	British Yukon	90.32	90.32	33,244	12,183	45,427	1,607
4.	Canada and Gulf Terminal	38.10	38.10	13,940	...	13,940	...
5.	Canada Southern (N.Y.C. Lessee)	380.68	381.00	1,521,267	1,528,511	3,049,778	26,622
6.	Canadian National	21,792.63	21,893.59	25,244,292	15,438,094	40,682,386	975,862
7.	Canadian Pacific	16,718.71	17,222.70	21,155,738	16,017,542	37,173,280	441,876
8.	Central Vermont	25.33	25.33	27,528	52,656	80,184	304
9.	Cumberland	31.29	31.29	31,182	226	31,408	...
10.	Essex Terminal	21.31	21.31	12,912	...	12,912	...
11.	Greater Winnipeg Water District	92.00	92.00	...	...	...	...
12.	Hudson Bay	510.06	510.06	70,628	1,022	71,650	40,194
12a.	International Bridge & Terminal Co.	1.06	1.06	...	...	...	...
13.	Maine Central	5.10	5.10	3,313	...	3,313	10
14.	Maritime Coal, Railway & Power Co.	12.20	12.20	13,308	2,304	15,612	...
15.	Midland Railway of Manitoba	5.66	75.49	48,029	97,941	145,970	...
16.	Morrissey, Fernie and Michel	5.37	5.37	5,575	...	5,575	...
17.	Napierville Junction	27.15	41.74	25,270	96,646	121,916	502
18.	Nelson and Fort Sheppard	54.84	60.87	19,016	9,193	28,209	2,004
19.	Nipissing Central	59.74	59.74	62,661	115,167	177,828	21,457
20.	Northern Alberta	922.68	927.62	389,980	132,470	522,450	28,242
21.	Ottawa and New York	56.82	58.77	18,575	40,672	59,247	...
22.	Pacific Great Eastern	347.80	347.80	89,724	14,328	104,052	45,436
23.	Pere Marquette	198.63	319.02	928,251	236	928,487	890
24.	Quebec Railway, Light & Power Co.	25.37	25.37	19,242	17,773	37,015	984
25.	Roberval and Saguenay	29.04	29.04	35,771	1,566	37,337	...
26.	St. Lawrence and Adirondack	46.57	60.69	37,957	180,496	218,453	251
27.	Sydney and Louisburg	70.29	70.29	143,492	16,979	160,471	...
28.	Temiscouata	113.00	113.00	38,137	29,919	68,056	717
29.	Temiskaming & Northern Ontario	514.69	514.69	619,786	543,543	1,163,329	14,663
30.	Thousand Islands	4.51	4.51	12,650	14,860	27,510	...
31.	Toronto, Hamilton and Buffalo	103.62	111.03	98,985	120,862	219,847	7,239
32.	Toronto Terminal	3.19	3.19	...	...	...	...
32a.	Van Buren Bridge	0.28	0.28	...	...	...	...
33.	Vancouver, Victoria and Eastern	85.92	105.20	37,648	52,855	90,503	940
34.	Wabash (in Canada)	..	245.40	1,195,282	453	1,195,735	322
35.	Total	42,726.84	42,701.73	52,502,308	34,543,063	87,045,371	1,626,144
36.	Canadian National (Canada and U.S.)	23,509.02	23,707.17	29,858,278	17,778,731	47,637,009	1,011,347

X - Track operated under trackage rights excluded.

† - Track operated under trackage rights included for each railway, but excluded in total.

TONS AND PASSENGERS CARRIED AND CAR MILEAGE FOR THE YEAR ENDED DECEMBER 31, 1937.

No.	Tons Carried	Tons Carried One Mile	Passengers Carried	Passengers Carried One Mile	Freight Car Miles				Total Passenger Train Car Miles (1)
					Freight Loaded	Freight Empty	Caboose	Total	
1.	567,482	118,422,415	48,476	3,473,679	3,563,314	1,853,114	221,766	5,638,194	1,503
2.	222,696	2,360,578	18,389	194,923	92,389	76,978	...	169,367	3,828
3.	25,359	2,195,144	17,553	839,904	225,516	95,622	...	321,138	57,903
4.	53,141	768,284	26,143	605,670	44,813	23,263	...	68,076	...
5.	6,415,378	960,902,471	894,391	125,931,010	59,527,733	32,692,858	1,555,814	93,776,405	18,319,622
6.	36,121,525	12,541,362,983	10,203,408	871,190,670	604,408,842	258,555,150	23,805,907	886,769,899	116,396,925
7.	29,842,861	11,602,289,022	7,820,721	826,378,066	504,326,227	234,238,847	21,908,987	760,474,061	114,573,945
8.	670,517	16,671,878	90,927	2,071,258	735,979	320,491	27,480	1,083,950	339,968
9.	588,337	3,317,690	8,578	102,088	99,423	99,423	6,370	205,216	2,198
10.	629,803	3,149,015	...	...	132,085	126,160	...	258,245	...
11.	157,899	...	12,192	619,376	...	...	...	...	...
12.	11,976	3,418,826	6,956	1,025,106	462,930	277,560	71,650	812,140	12,264
12a.	...	...	...	...	...	...	...	...	...
13.	127,633	650,928	205	1,046	23,966	20,266	106	44,338	...
14.	125,946	1,107,011	4,444	30,244	43,590	24,776	...	68,366	2,986
15.	82,854	6,227,862	52,836	2,951,510	378,810	331,067	48,122	757,999	574,818
16.	117,630	631,673	...	...	15,573	15,573	...	31,146	...
17.	824,401	22,195,613	157,142	5,944,481	735,955	565,565	24,840	1,326,360	690,060
18.	55,364	2,062,585	9,910	294,730	88,245	58,301	18,886	165,432	10,247
19.	259,297	8,026,818	135,093	4,513,130	655,858	337,702	62,761	1,056,321	449,572
20.	594,625	152,071,626	87,626	9,176,048	6,682,835	3,438,564	393,754	10,515,153	1,037,729
21.	97,102	4,107,578	41,400	1,209,811	154,886	129,019	18,635	302,540	103,102
22.	62,336	9,155,930	28,860	2,036,447	574,031	362,690	28,005	964,726	74,960
23.	2,636,838	440,703,907	829	17,026	25,165,491	14,633,220	874,245	40,672,956	2,025
24.	186,734	3,863,394	1,035,044	10,837,838	147,686	124,684	22,580	294,950	(3) 72,001
25.	484,224	9,614,930	8,984	199,982	259,525	229,058	12,033	500,616	3,685
26.	372,300	12,081,511	499,247	8,984,932	556,321	472,335	39,772	1,068,428	656,932
27.	4,740,054	64,137,020	12,228	147,828	1,744,300	1,714,690	115,742	3,574,732	37,082
28.	119,769	4,686,499	19,772	596,846	230,187	133,339	28,552	392,078	113,363
29.	1,406,318	278,282,325	440,036	37,588,607	13,193,883	4,912,380	615,778	18,722,041	3,546,927
30.	(2)	102,711	3,559	16,051	8,905	3,745	...	12,650	14,860
31.	1,806,494	67,092,757	269,874	9,873,184	2,330,141	1,321,440	98,985	3,750,566	893,381
32.	...	...	...	...	...	...	...	...	...
32a.	...	...	...	...	...	...	...	...	...
33.	353,951	10,298,654	83,542	2,513,007	459,685	287,222	29,054	775,961	363,950
34.	2,717,437	574,094,383	344	78,432	33,921,523	14,046,252	1,165,431	49,133,206	5,203
35.	(4) 82,220,374	26,926,054,021	22,038,709	1,929,442,930	1,260,990,647	571,521,354	51,195,255	1,883,707,256	(1) 258,353,039
36.	47,037,720	15,165,051,267	10,888,476	953,460,137	730,084,873	321,414,454	28,558,249	1,030,057,576	132,424,376

(1) Exclusive of 28,175,798 passenger train car miles in freight trains, 221,044 passenger car miles in non-revenue trains, 2,180,804 car miles run by rail motor cars, 1,629,095 trailer miles in motor car trains, and 351,951 electric passenger car miles.
 (2) Included in Canadian National Railways.
 (3) Exclusive of 351,951 electric passenger car miles
 (4) Duplications excluded.

TABLE 3.

EMPLOYEES AND THEIR COMPENSATION FOR THE YEAR ENDED DECEMBER 31, 1937

No.	Division	Average Number of Employees	Total Days on Duty	Total Hours on Duty	Compensation		
					Total For Year	Average Daily Compensation	Average Hourly Compensation
					\$	\$	\$
GENERAL AND MISCELLANEOUS							
1.	Executives, general officers and assistants	617	188,873	...	3,808,906	20.166	...
2.	Division officers	920	290,177	...	3,087,692	10.641	...
3.	Assistant engineers and draftsmen	510	157,048	...	1,055,171	6.719	...
4.	Other miscellaneous officials	1,359	411,553	...	3,430,329	8.295	...
5.	Clerks	13,741	4,243,676	...	19,575,449	4.536	...
6.	Telephone switchboard operators	243	72,637	...	213,274	2.936	...
7.	Office boys, messengers, attendants & misc. trades workers	962	294,798	...	711,627	2.414	...
8.	Janitors and cleaners	1,119	311,363	...	782,728	2.514	...
Total		19,471	5,972,125	...	32,765,176	5.486	...
MAINTENANCE OF WAY AND STRUCTURES							
9.	Bridge and building department foremen	385	117,575	...	652,330	5.548	...
10.	Carpenters and bridgemen	1,906	...	4,581,505	2,630,497	...	.574
11.	Blacksmiths, pipe fitters, plumbers, tinmiths and pump repairers	259	...	656,760	443,450	...	.675
12.	Masons, bricklayers, plasterers and painters	272	...	632,475	372,531	...	.600
13.	Helpers, B. and B. department	184	...	447,983	205,356	...	.454
14.	Apprentices, B. and B. department	...	...	...	...	...	...
15.	Pile driver, ditching, hoist & steam shovel employees	251	...	703,504	418,384	...	.595
16.	Pumpmen	388	...	1,012,601	451,815	...	.445
17.	Extra gang and snow plough foremen	188	...	548,008	314,571	...	.702
18.	Signal foremen	21	6,254	...	49,771	7.958	...
19.	Section foremen	5,746	...	14,737,656	8,195,335	...	.556
20.	Sectionmen	15,143	...	37,480,373	15,017,182	...	.401
21.	Labourers	5,379	...	13,695,008	3,812,508	...	.278
22.	Foremen - Linemen	67	20,522	...	133,073	6.484	...
23.	Telegraph and telephone linemen and groundmen	136	...	355,030	175,058	...	.493
24.	Signal and interlocker maintainers and repairmen	447	...	1,176,938	741,368	...	.630
Total		30,499	...	76,027,841	32,855,173	...	.432
		473	144,351	...	835,174	5.786	...
		30,972	144,351	76,027,841	33,690,347	...	...
MAINTENANCE OF EQUIPMENT							
25.	General foremen	45	13,761	...	137,837	10.016	...
26.	Department and gang foremen	2,081	658,263	...	4,762,156	7.234	...
27.	Blacksmiths	595	...	1,217,331	902,829	...	.742
28.	Boilermakers	1,159	...	2,352,364	1,788,033	...	.760
29.	Carmen (a)	2,322	...	4,725,529	3,604,873	...	.753
30.	Carmen (b)	496	...	996,693	769,779	...	.772
31.	Carmen (c)	5,444	...	11,337,173	7,782,203	...	.686
32.	Carmen (d)	232	...	459,104	318,885	...	.695
33.	Electrical workers	790	...	1,741,243	1,244,977	...	.715
34.	Machinists	3,798	...	7,746,749	5,829,287	...	.752
35.	Moulders	93	...	179,322	140,561	...	.784
36.	Pipe fitters and sheet metal workers	1,065	...	2,155,277	1,631,787	...	.757
37.	Helpers to mechanics	6,259	...	12,983,693	7,044,877	...	.543
38.	Helper apprentices	12	...	26,172	11,903	...	.495
39.	Regular apprentices	1,251	...	2,466,051	1,081,524	...	.439
40.	Car cleaners	1,319	...	3,009,469	1,226,040	...	.407
41.	Other unskilled employees	2,842	...	6,880,094	2,748,758	...	.400

42. Unclassified labourers	2,457	...	5,557,641	2,101,002	...	.378
43. Stationary engineers, firemen and oilers	795	...	1,979,634	1,073,431	...	.542
Total .....(Hourly Basis)	30,929	...	65,813,539	39,300,815	...	.597
(Daily Basis)	2,126	672,024	...	4,899,993	7.291	...
Total	33,055	672,024	65,813,539	44,200,808	...	...
TRANSPORTATION						
44. Inspectors and sergeants of police	131	42,397	...	276,646	6.525	...
45. Constables and policemen	586	192,772	...	941,573	4.884	...
46. Storekeepers	140	43,765	...	270,369	6.178	...
47. Storemen	1,527	...	3,370,720	1,573,325	...	.467
48. Train despatchers and traffic supervisors	435	...	1,108,414	1,293,905	...	1.167
49. Supervisory agents and assistants	568	...	1,430,225	1,179,206	...	.824
50. Station agents, - non-telegraphers (small station)	163	...	406,274	135,951	...	.335
51. Station agents, - telegraphers and telephoners	5,045	...	12,873,456	8,775,222	...	.682
52. Signalmen (non-telegraphers) at interlockers	270	...	706,612	344,629	...	.516
53. Foremen in freight sheds	380	...	928,232	600,701	...	.647
54. Freight handlers and other station employees	4,021	...	9,076,339	4,306,627	...	.474
55. Labourers	483	...	1,180,537	470,812	...	.362
56. Dining car and restaurant inspectors, conductors & stewards	231	...	573,480	395,627	...	.587
57. Dining car and restaurant helpers and attendants	1,158	...	3,204,572	1,084,602	...	.338
58. News agents	172	51,201	...	115,471	2.255	...
59. Floating equipment employees	527	...	1,675,488	634,792	...	.379
60. Sleeping and parlour car inspectors and conductors	156	...	406,341	277,461	...	.682
61. Sleeping and parlour car porters	858	...	2,384,121	867,621	...	.364
62. Drawbridge operators	88	...	237,115	121,859	...	.514
63. Signalmen or watchmen at crossings (non-interlocked)	608	...	1,573,282	588,628	...	.374
64. Yardmasters and assistants	303	101,879	...	872,512	8.564	...
65. Switch tenders	330	106,406	...	477,030	4.483	...
66. Hostlers	388	126,864	...	647,520	5.104	...
67. Road passenger conductors	682	...	1,510,078	1,827,857	...	1.210
68. Road freight conductors	1,703	...	4,374,574	4,437,930	...	1.014
69. Road passenger brakemen, baggagemen & flagmen	1,539	...	3,270,839	2,906,120	...	.888
70. Road freight brakemen and flagmen	3,926	...	8,848,262	7,081,381	...	.800
71. Yard conductors and yard foremen	1,035	...	2,679,883	2,153,638	...	.800
72. Yard brakemen and helpers	2,330	...	5,470,471	4,054,746	...	.741
73. Road passenger engineers and motormen	866	...	1,774,774	2,775,746	...	1.564
74. Road freight engineers and motormen	2,172	...	5,379,877	6,186,583	...	1.150
75. Yard engineers and motormen	972	...	2,730,152	2,236,579	...	.841
76. Road passenger firemen and helpers	838	...	1,660,517	2,028,705	...	1.221
77. Road freight firemen and helpers	2,365	...	5,334,054	4,681,492	...	.878
78. Yard firemen and helpers	1,047	...	2,724,997	1,787,377	...	.656
Total .....(Hourly Basis)	35,993	...	87,024,495	64,853,222	...	.745
(Daily Basis)	2,050	665,284	...	3,601,121	5.413	...
Total	38,043	665,284	87,024,495	68,454,343	...	...
79. Express department	2,391	700,075	....	3,439,915	4.914	...
80. Radio department	26	7,955	....	28,214	3.547	...
81. Employees engaged in outside operations	9,509	...	25,030,710	10,776,781	...	.431
GRAND TOTAL .....(Hourly Basis)	106,930	...	253,896,585	147,785,991	...	.582
(Daily Basis)	26,537	8,161,814	...	45,569,593	5.583	...
Total	133,467	8,161,814	253,896,585	193,355,584	...	...
82. Total number of female employees (monthly average)	5,341	...	...	176,424,287	...	...
83. Total pay roll charged to operating expenses ..	...	...	...	478,088	...	.484
84. Pullman, bridge and tunnel companies (Hourly Basis)	344	...	986,864	...	...	...
(Daily Basis)	18	6,683	...	37,769	5.652	...
Total	362	6,683	986,864	515,857	...	...

TABLE 4.

RAILWAY ACCIDENTS

Train Accidents Resulting from the Movement of Trains, Locomotives or Cars

Cause of Accident	PASSENGERS		EMPLOYEES		POSTAL CLERKS & OTHER PERSONS		TOTAL	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
Coupling or uncoupling	-	2	1	68	-	1	1	71
Collisions	-	22	6	19	5	7	11	48
Derailments	2	40	10	23	10	10	22	73
Parting of trains	-	-	-	2	-	1	-	3
Locomotives or cars breaking down	-	-	-	3	-	-	-	3
Falling from trains, locomotives or cars ...	1	10	5	132	17	66	23	208
Struck by trains, locomotives or cars	-	4	26	35	210	401	236	440
Overhead obstructions	-	-	-	2	-	1	-	3
Other causes	1	301	11	798	21	172	33	1,271
Total	4	379	59	1,082	263	659	326	2,120
† Postal clerks					1	48		
Other persons - trespassing					148	272		
not trespassing					114	339		
Total					263	659		
Struck at Highway Crossings-								
Trainmen and passengers					1	1		
Pedestrians					4	6		
Motorists					109	323		
In other vehicles					3	8		
Total					117	338		
Class of Person	TRAIN ACCIDENTS		NON TRAIN ACCIDENTS		DAYS ABSENT BECAUSE OF INJURY			
	Killed	Injured	Killed	Injured				
	No.	No.	No.	No.				
Trainmen	32	952	-	93	34,791			
Switchtenders, crossing tenders, watchmen	1	11	-	21	1,260			
Stationmen	2	11	2	692	17,421			
Shopmen	4	39	3	1,584	42,567			
Trackmen	20	61	12	2,164	58,877			
Telegraph employees	-	1	-	53	1,456			
Other employees	-	7	1	85	2,960			
Total Employees	59	1,082	18	4,692	159,332			
Passengers			-	48				
Postal clerks			1	25				
Other persons			1	45				
Total All Persons			20	4,810				
Cause of Accident								
Handling traffic			-	352				
Handling tools, machinery, etc.			3	1,043				
Handling supplies			-	987				
Getting on and off locomotives or cars at rest			-	117				
Other causes			17	2,311				
Total			20	4,810				

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