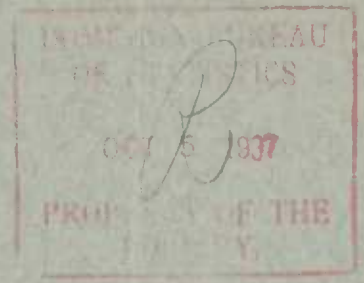


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**CANADA**  
**DEPARTMENT OF TRADE AND COMMERCE**  
**DOMINION BUREAU OF STATISTICS**  
**TRANSPORTATION BRANCH**

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**PRELIMINARY REPORT**  
**ON**  
**STATISTICS OF STEAM RAILWAYS**  
**IN**  
**CANADA**  
**1936**

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1937

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**DOMINION BUREAU OF STATISTICS**  
**TRANSPORTATION AND PUBLIC UTILITIES BRANCH**  
**OTTAWA**

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Dominion Statistician, R.H. COATS, LL. D., F.R.S.C., F.S.S. (Hon.)

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

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PRELIMINARY REPORT

ON

STATISTICS OF STEAM RAILWAYS

1936

Gross revenues of all Canadian railways for 1936 amounted to \$334,768,557 as compared with \$310,107,155 for 1935, an increase of \$24,661,402, or 8.0 per cent. This was the third year to show an increase since 1933 when the low point was reached. Operating expenses also increased from \$263,942,899 in 1935 to \$283,345,968, or by \$19,403,069, or 7.4 per cent. This increased net operating revenues from \$46,164,256 to \$51,422,588. Railway taxes were raised from \$8,843,006 to \$9,572,616. Interest on funded and unfunded debt was reduced from \$116,789,749 to \$112,204,370. This includes interest on Government advances to the Canadian National railways and the financing of deficits since 1932 has stopped the yearly additions to debt and interest due to deficits. The net corporate income of all railways carried to the profit and loss account was a debit of \$79,626,219 as against a debit of \$84,827,858 in 1935. This included \$36,428,873 interest on Government advances to the Canadian National system in 1936.

The mileage of road operated at the end of the year was reduced from 42,916.45 to 42,551.99 and the average operated each month was reduced from 42,775.51 to 42,707.56. Two subsidiary lines of the Great Northern railway ceased operation in Canada and the Canadian National and Canadian Pacific railways accounted for practically all the remainder of the net reductions. There were 20.78 miles of new road opened during the year, making the gross miles abandoned 385 miles.

Trains carrying both passengers and freight, effective January 1, 1936, are classed as passenger or freight according to the class of the majority of the cars making up the train. Previously the train mileage was divided on the car mileage basis. This classification tends to increase the freight train miles made in mixed service and reduce passenger train miles because practically all such trains are made up of one or two passenger cars and several freight cars.

Tons of freight carried, excluding duplications where two or more railways carried the same freight, increased from 69,141,100 tons to 75,846,566 tons, the increases being fairly evenly divided among agricultural, animal and mine products and manufactures and miscellaneous; forest products were only 0.5 per cent heavier. The revenue freight ton miles increased by 9 per cent and the passenger miles also by 9 per cent. The large

increase in passenger car miles in freight trains, shown in Table 2, is due to the new classification of trains in mixed service. In 1935 passenger car miles in mixed trains amounted to 17,158,618 miles and in special trains to 246,282 miles.

The number of employees increased from 127,526 for 1935 to 132,781, or by 4.1 per cent, and the total pay roll was increased from \$172,956,217 to \$182,638,364, or by \$9,682,157, or 5.6 per cent.

The number of passengers killed in train accidents was reduced from 10 in 1935 to 6, but the number injured was increased from 432 to 657. A person injured and dying within 24 hours from the time of the accident is classed as, "killed;" all other persons injured are classed as "injured" although some may subsequently die as a result of the accident. Employees who are injured and are absent from their work three days during the ten days after the accident are included under "injured." If the accident is not serious enough to cause an absence of three days during this period it is excluded from the tally.

During the year 83 employees were killed, including 47 trainmen and 22 trackmen, and 1,293 were injured resulting in 44,619 days absence for those so reported injured. This was an average of 34.5 days per person, as compared with 1,026 employees injured and an average absence of 33.1 days each in 1935. The number of trainmen killed increased by 114 per cent and the number of trackmen killed by 145 per cent. Other persons killed in train accidents amounted to 273, including 119 at railway crossings and 104 at other places on the track. The highway crossing accidents included 105 motorists killed and 266 injured. The Vital Statistics for Canada will include these as motor vehicle accident victims. Compared with last year this was one less motorist killed and 53 more injured. The total number of persons killed in train accidents was 362 and the number injured was 2,572, which were the largest numbers since 1930 when 425 were killed and 2,692 injured. In non-train, or accidents in shops, freight sheds, etc., 19 persons were killed and 5,045 were injured, whereas in 1935 29 persons were killed and 4,223 were injured.

The attached tables show the principal data for each railway for 1936 and a summary of accident and employee data.

TRAIN ACCIDENTS

	1935		1936	
	Number Injured	Days Absent	Number Injured	Days Absent
Trainmen .....	896	28,170	1,066	36,107
Switch tenders, crossing tenders and watchmen .....	3	160	1	36
Stationmen .....	8	196	12	440
Shopmen .....	23	1,017	31	967
Trackmen .....	64	3,392	123	5,406
Telegraph employees .....	..	...	..	...
Other employees .....	32	1,043	60	1,663
<b>Total .....</b>	<b>1,026</b>	<b>33,978</b>	<b>1,293</b>	<b>44,619</b>

NON TRAIN ACCIDENTS

Stationmen .....	491	13,811	592	15,893
Shopmen .....	1,377	37,602	1,518	43,748
Trackmen .....	2,105	58,771	2,706	71,927
Other employees .....	222	6,453	229	5,475
<b>Total .....</b>	<b>4,195</b>	<b>116,637</b>	<b>5,045</b>	<b>137,043</b>

TABLE 1

## INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1936

No.	Name of Railway	Total Operating Revenues	Total Operating Expenses	Net Operating Revenues	Railway Tax Accruals	Net Operating Income
		\$	\$	\$	\$	\$
1.	Algoma Central & Hudson Bay	1,695,801.85	1,486,723.73	209,078.12	41,507.74	167,570.38
2.	Alma and Jonquiere	116,411.72	75,458.04	40,953.68	3,868.23	37,085.45
3.	Brandon, Saskatchewan & Hudson Bay	18,027.30	37,806.31	- 19,779.01	454.08	- 20,233.09
4.	British Yukon	201,198.91	132,315.57	68,883.34	8,787.99	60,095.35
5.	Canada and Gulf Terminal	72,427.82	66,602.15	5,825.67	3,072.98	2,752.69
6.	Canada Southern (N.V.C. Lessee)	15,242,756.68	7,868,266.06	7,374,490.62	563,523.30	6,810,967.32
7.	Canadian National	154,178,174.38	145,081,184.25	9,096,990.13	4,093,473.88	5,003,516.25
8.	Canadian Pacific	138,461,549.59	111,025,991.76	27,435,557.83	4,225,660.07	23,209,897.76
9.	Central Vermont	183,398.75	184,981.38	- 1,582.63	1,806.67	- 3,389.30
10.	Crow's Nest Southern	6,158.55	20,096.24	- 13,937.69	8,106.74	- 22,044.43
11.	Cumberland	148,393.23	112,303.61	36,089.62	3,300.00	32,789.62
12.	Essex Terminal	204,589.98	146,618.18	57,971.80	20,386.13	37,585.67
13.	Greater Winnipeg Water District	139,439.67	111,769.19	27,670.48	...	27,670.48
14.	Hudson Bay	354,161.82	501,121.53	- 146,959.71	200.69	- 147,160.40
15.	Maine Central	10,616.25	12,093.26	- 1,477.01	697.82	- 2,174.83
16.	Maritime Coal, Railway & Power Co.	96,408.27	55,369.83	41,038.44	1,400.76	39,637.68
17.	Midland Railway of Manitoba	244,778.78	347,838.24	- 103,059.46	31,025.76	- 134,085.22
18.	Morrissey, Fernie and Michel	23,696.91	23,693.37	3.54	3.54	...
19.	Napierville Junction	439,595.82	293,491.51	146,104.31	14,152.69	131,951.62
20.	Nelson and Fort Sheppard	109,466.10	76,410.15	33,055.95	12,478.19	20,577.76
21.	Nipissing Central	392,039.95	361,181.92	30,858.03	2,517.17	28,340.86
22.	Northern Alberta	2,027,959.96	1,711,191.34	316,768.62	57,213.96	259,554.66
23.	Ottawa and New York	129,992.35	209,019.36	- 79,027.01	13,519.99	- 92,547.00
24.	Pacific Great Eastern	619,086.38	503,894.45	115,191.93	...	115,191.93
25.	Pere Marquette	4,773,044.39	2,485,424.23	2,287,620.16	213,578.14	2,074,042.02
26.	Quebec Railway, Light & Power Co.	264,866.51	311,062.26	- 46,195.75	14,341.00	- 60,536.75
27.	Roberval and Saguenay	394,226.45	134,677.13	259,549.32	9,718.47	249,830.85
28.	St. Lawrence and Adirondack	361,009.69	538,533.21	- 177,523.52	11,251.42	- 188,774.94
29.	Sydney and Louisburg	1,454,260.24	990,025.75	464,234.49	4,713.08	459,521.41
30.	Temisconata	165,083.11	178,478.60	- 13,395.49	5,738.99	- 19,134.48
31.	Temiskaming & Northern Ontario	4,743,590.47	2,959,627.49	1,783,962.98	...	1,783,962.98
32.	Thousand Islands	29,927.98	28,028.11	1,899.87	359.95	1,539.92
33.	Toronto, Hamilton and Buffalo	1,652,576.58	1,245,551.91	407,024.67	85,481.50	321,543.17
34.	Vancouver, Victoria & Eastern	519,417.86	339,502.66	179,915.20	119,232.66	60,682.54
35.	Wabash (in Canada)	5,294,422.85	3,689,635.86	1,604,786.99	1,043.02	1,603,743.97
36.	Total	334,768,557.15	283,345,968.64	51,422,588.51	49,572,616.61	41,849,971.90
37.	Canadian National (Canada & U.S.)	186,610,489.38	171,477,690.07	15,132,799.31	5,859,062.59	9,273,736.72

† Does not include taxes of Toronto Terminals Railway amounting to \$233,514.45 which are included under "Joint Facilities Rents" of the Canadian National and Canadian Pacific railways.

INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1936

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.	...	167,570.38	237,380.51	522,785.00	191,290.29	714,075.29	- 476,694.78
2.	...	37,085.45	38,605.79	...	3,318.91	3,318.91	35,286.88
3.	...	- 20,233.09	- 19,886.59	...	9,067.31	9,067.31	- 28,953.90
4.	...	60,095.35	76,982.45	85,990.50	...	85,990.50	- 9,008.05
5.	...	2,752.69	4,484.23	57,000.00	8,550.00	65,550.00	- 61,065.77
6.	...	6,810,967.32	7,078,632.76	163,951.70	3,890,652.20	4,054,603.90	3,024,028.86
7.	160,017.04	5,163,533.29	15,131,796.44	85,371,316.87	9,386,699.20	94,758,016.07	- 79,626,219.63
8.	2,059,733.45	25,269,631.21	33,995,497.40	20,005,565.04	7,960,748.44	27,966,313.48	6,029,183.92
9.	...	- 3,389.30	47,492.77	28,122.07	19,370.70	47,492.77	...
10.	...	- 22,044.43	- 22,039.43	...	20,570.34	20,570.34	- 42,609.77
11.	...	32,789.62	32,789.62	...	1,942.39	1,942.39	30,847.23
12.	...	37,585.67	57,860.99	13,800.00	...	13,800.00	44,060.99
13.	...	27,670.48	28,334.48	...	10,642.50	10,642.50	17,691.98
14.	...	- 147,160.40	- 143,310.80	...	93,195.20	93,195.20	- 236,506.00
15.	...	- 2,174.83	- 2,088.71	...	354.73	354.73	- 2,443.44
16.	- 34,104.71	5,532.97	5,532.97	3,237.68	5,164.00	8,401.68	- 2,868.71
17.	...	- 134,085.22	- 114,152.13	...	109,378.16	109,378.16	- 223,530.29
18.	...	...	...	...	...	...	...
19.	...	131,951.62	132,390.48	36.58	53,957.45	53,994.03	78,396.45
20.	...	20,577.76	21,686.13	...	14,837.04	14,837.04	6,849.09
21.	...	28,340.86	34,329.48	...	19,713.74	19,713.74	14,615.74
22.	- 525.05	259,029.61	1,528,319.42	1,324,167.34	198,850.72	1,523,018.06	5,301.36
23.	...	- 92,547.00	- 87,706.23	1,228.44	45,992.04	47,220.48	- 134,926.71
24.	5,526.81	120,718.74	130,753.74	3,372,778.66	94,605.15	3,467,383.81	- 3,336,630.07
25.	...	2,074,042.02	2,085,757.34	206,962.04	943,596.27	1,150,558.31	935,199.03
26.	...	- 60,536.75	- 41,036.75	180,783.52	...	180,783.52	- 221,820.27
27.	...	249,830.85	251,316.36	93,100.00	32,847.63	125,947.63	125,368.73
28.	...	- 183,774.94	- 188,017.32	52,375.14	174,191.31	226,566.45	- 414,583.77
29.	...	459,521.41	459,521.41	...	65,198.91	65,198.91	394,322.50
30.	...	- 19,134.48	- 17,338.03	841.35	9,085.42	9,926.77	- 27,264.80
31.	...	1,783,962.98	1,813,988.26	501,904.05	185,065.64	686,969.69	1,127,018.57
32.	...	1,539.92	2,043.64	...	607.64	607.64	1,436.00
33.	...	321,543.17	510,358.40	218,424.73	73,389.70	291,814.43	218,543.97
34.	...	60,682.54	330,887.84	...	270,751.70	270,751.70	60,136.14
35.	...	1,603,743.97	1,603,743.97	...	582,602.76	582,602.76	1,021,141.21
36.	2,190,647.54	44,040,619.44	65,004,910.89	112,204,370.71	24,476,237.49	136,680,608.20	- 71,675,697.31
37.	160,017.04	9,433,753.76	15,529,573.77	86,347,981.26	8,807,812.14	95,155,793.40	- 79,626,219.63

TABLE 2.

## TRAIN MILEAGE FOR THE YEAR ENDED DECEMBER 31, 1936

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 <sup>X</sup>	Average during Year †				
1.	Algoma Central & Hudson Bay	322.77	323.75	284,096	1,211	285,307	44,033
2.	Alma and Jonquiere	10.60	10.60	134,530	16,060	150,590	...
3.	Brandon, Saskatchewan & Hudson Bay	(a)	37.72	9,001	444	9,445	652
4.	British Yukon	90.32	90.32	29,916	9,816	39,732	1,083
5.	Canada and Gulf Terminal	38.10	38.10	13,372	...	13,372	...
6.	Canada Southern (N.Y.C. Lessee)	380.68	381.00	1,495,765	1,616,438	3,112,203	19,691
7.	Canadian National	21,555.85	21,791.82	23,891,572	14,569,379	38,460,951	1,733,274
8.	Canadian Pacific	16,755.61	17,240.90	20,417,331	15,602,196	36,019,527	850,327
9.	Central Vermont	25.33	25.33	19,944	50,784	70,728	1,375
10.	Crow's Nest Southern	(b)	44.43	3,577	3,014	6,591	484
11.	Cumberland	31.29	31.29	30,076	162	30,238	...
12.	Essex Terminal	21.31	21.31	10,520	...	10,520	...
13.	Greater Winnipeg Water District	92.00	92.00	...	...	...	...
14.	Hudson Bay	510.07	510.07	84,250	...	84,250	30,883
14a.	International Bridge & Terminal Co.	1.06	1.06	...	...	...	...
15.	Maine Central	5.10	5.10	3,467	...	3,467	10
16.	Maritime Coal, Railway & Power Co.	12.20	12.20	13,956	2,676	16,632	...
17.	Midland Railway of Manitoba	5.66	75.74	47,148	97,620	144,768	66
18.	Morrissey, Fernie and Michel	5.37	5.37	3,975	...	3,975	...
19.	Napierville Junction	27.15	41.74	23,384	96,378	119,762	852
20.	Nelson and Fort Sheppard	54.84	60.87	18,729	15,594	34,323	1,894
21.	Nipissing Central	59.74	59.74	58,540	89,045	147,585	10,892
22.	Northern Alberta	922.68	927.62	350,953	131,864	482,817	51,532
23.	Ottawa and New York	56.82	58.77	18,780	47,577	66,357	694
24.	Pacific Great Eastern	347.80	347.80	90,114	15,776	105,890	53,792
25.	Pere Marquette	198.63	319.02	948,281	193	948,474	1,008
26.	Quebec Railway, Light & Power Co.	25.37	25.37	15,060	11,604	26,664	1,252
27.	Roberval and Saguenay	29.04	29.04	24,897	3,414	28,311	...
28.	St. Lawrence and Adirondack	46.57	60.69	35,472	180,073	215,545	1,130
29.	Sydney and Louisburg	70.29	70.29	134,926	14,308	149,234	...
30.	Temiscouata	113.00	113.00	32,279	31,239	63,518	2,469
31.	Temiskaming and Northern Ontario	514.69	514.69	603,477	419,196	1,022,673	15,152
32.	Thousand Islands	4.51	4.51	9,490	17,579	27,069	...
33.	Toronto, Hamilton and Buffalo	103.62	111.03	96,298	124,287	220,585	4,924
33a.	Toronto Terminals	3.19	3.19	...	...	...	...
33b.	Van Buren Bridge	0.28	0.28	...	...	...	...
34.	Vancouver, Victoria and Eastern	110.45	111.38	37,172	52,712	89,884	585
35.	Wabash (in Canada)	...	245.40	1,229,434	1,132	1,230,566	661
36.	Total	42,551.99	42,707.56	50,219,782	33,221,771	83,441,553	2,828,720
37.	Canadian National (Canada and U.S.)	23,272.24	23,554.23	28,312,940	16,722,640	45,035,580	1,807,781

X - Track operated under trackage rights excluded.

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

(a) - Ceased operation August 15, 1936.

(b) - Ceased operation October 23, 1936.



TONS AND PASSENGERS CARRIED AND CAR MILEAGE FOR THE YEAR ENDED DECEMBER 31, 1936.

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.	454,862	93,921,937	33,198	2,579,243	2,836,456	1,564,051	193,257	4,593,764	9,214
2.	180,611	1,914,477	15,356	162,774	73,139	61,391	...	134,530	16,060
3.	8,096	329,957	5,227	167,515	23,702	8,470	9,073	41,245	828
4.	19,080	1,629,662	16,657	774,890	169,049	89,944	...	258,993	47,173
5.	49,044	701,890	21,008	379,954	40,515	24,523	...	65,038	...
6.	5,898,430	905,022,608	742,551	111,667,412	58,866,393	31,334,299	1,615,579	91,816,271	17,123,075
7.	32,784,270	12,380,642,649	9,550,558	765,501,722	570,045,647	248,870,659	22,403,586	841,319,892	107,940,768
8.	27,985,478	11,424,147,055	7,387,406	759,113,574	478,377,142	226,741,842	21,243,994	726,362,978	109,029,422
9.	553,534	14,460,951	76,809	1,729,421	652,381	294,501	20,088	966,970	307,320
10.	6,171	355,940	433	17,637	10,866	7,463	3,593	21,922	3,082
11.	480,776	2,479,644	11,460	122,792	83,440	83,440	5,287	172,167	1,944
12.	505,427	2,527,135	...	...	107,585	102,805	...	210,390	...
13.	205,466	...	10,622	539,978	...	...	...	...	...
14.	98,009	47,222,965	7,244	1,124,391	1,114,086	786,527	108,890	2,009,503	...
14a.	...	...	...	...	...	...	...	...	...
15.	117,694	600,239	236	1,204	21,956	18,718	194	40,868	...
16.	153,412	1,135,441	8,048	53,784	48,530	33,691	...	82,221	3,365
17.	83,371	6,370,290	44,974	2,508,113	359,432	317,307	47,350	724,089	555,961
18.	100,301	533,364	...	...	13,345	13,345	...	26,690	...
19.	697,857	18,795,376	141,033	5,227,889	616,925	433,980	22,231	1,073,136	646,679
20.	41,617	1,796,759	11,493	344,378	81,631	52,018	18,793	152,442	17,635
21.	198,524	5,709,081	92,603	2,957,854	558,198	251,873	58,647	868,718	366,775
22.	472,130	134,467,087	81,108	8,585,467	5,950,087	2,879,772	355,281	9,185,140	938,814
23.	107,945	4,410,676	44,377	1,209,493	168,616	121,485	18,900	309,001	127,717
24.	55,852	8,316,093	33,101	2,020,867	533,557	320,378	28,311	882,246	67,982
25.	2,628,456	421,097,771	1,456	26,973	24,657,568	14,684,362	894,778	40,236,708	1,380
26.	105,791	2,114,069	957,726	9,785,470	89,583	75,965	9,659	175,207	(3) 396,866
27.	308,593	6,359,978	5,558	109,198	192,141	158,357	14,451	364,949	6,620
28.	293,732	9,513,584	496,693	9,062,583	470,837	305,953	35,414	812,204	650,205
29.	4,437,314	57,831,292	13,896	157,967	2,239,744	2,212,048	105,410	4,557,202	30,767
30.	102,423	4,140,354	17,380	516,314	180,187	109,762	21,057	311,006	107,176
31.	1,267,908	250,908,249	348,376	28,305,815	11,890,033	4,262,566	599,204	16,751,803	3,009,700
32.	(2)	79,552	3,573	16,114	6,380	3,110	...	9,490	...
33.	1,482,080	56,129,572	241,330	8,898,881	2,023,846	1,158,640	96,298	3,278,784	851,150
33a.	...	...	...	...	...	...	...	...	...
33b.	...	...	...	...	...	...	...	...	...
34.	277,777	9,055,107	75,377	2,234,710	423,669	275,468	30,515	729,652	352,357
35.	2,503,040	539,392,916	749	154,592	33,055,916	14,101,645	1,205,704	48,363,265	8,849
36. (4)	75,846,566	26,414,113,720	20,497,616	1,726,058,974	1,195,982,582	551,760,358	49,165,544	1,796,908,484	242,618,884
37.	43,451,052	14,813,796,415	10,098,973	831,271,084	687,515,569	308,777,449	27,000,778	1,023,293,796	120,101,244

(1) Exclusive of 27,546,524 passenger train car miles in freight trains, 203,670 passenger car miles in non-revenue trains, 2,217,220 car miles run by rail motor cars, and 1,741,845 trailer miles in motor car trains.

(2) Included in Canadian National Railways.

(3) Exclusive of 340,839 electric passenger car miles.

(4) Duplications excluded.

TABLE 3.

## EMPLOYEES AND THEIR COMPENSATION FOR THE YEAR ENDED DECEMBER 31, 1936

No.	Division	Average Number of Employees	Total Days on Duty	Total Hours on Duty	Total For Year	Compensation Average Daily Compensation	Average Hourly Compensation
					\$	\$	\$
<b>GENERAL AND MISCELLANEOUS</b>							
1.	Executives, general officers and assistants	585	178,637	...	3,496,977.03	19.576	...
2.	Division officers	896	284,629	...	2,961,701.29	10.405	...
3.	Assistant engineers and draftsmen	480	148,082	...	984,757.19	6.650	...
4.	Other miscellaneous officials	1,258	384,633	...	3,151,952.95	8.195	...
5.	Clerks	13,442	4,153,147	...	18,600,148.25	4.479	...
6.	Telephone switchboard operators	230	69,857	...	195,466.36	2.798	...
7.	Office boys, messengers, attendants & misc. trades workers	964	290,736	...	691,448.04	2.378	...
8.	Janitors and cleaners	1,124	324,650	...	769,186.23	2.369	...
	Total ..... (Daily Basis)	18,979	5,834,371	...	30,851,637.39	5.288	...
<b>MAINTENANCE OF WAY AND STRUCTURES</b>							
9.	Bridge and building department foremen	387	121,754	...	643,586.19	5.286	...
10.	Carpenters and bridgemen	1,947	...	4,722,644	2,606,241.60	...	.552
11.	Blacksmiths, pipe fitters, plumbers, tinmiths & pump repairers	266	...	673,536	440,440.96	...	.654
12.	Masons, bricklayers, plasterers and painters	302	...	682,501	392,448.29	...	.575
13.	Helpers, B. and B. department	193	...	463,338	203,762.98	...	.440
14.	Apprentices, B. and B. department	21	...	55,034	21,087.31	...	.383
15.	Pile driver, ditching, hoist & steam shovel employees	266	...	796,636	463,085.41	...	.581
16.	Pumpmen	399	...	1,035,002	446,463.94	...	.431
17.	Extra gang and snow plough foremen	335	...	1,006,901	678,803.21	...	.674
18.	Signal foremen	21	6,528	...	49,281.79	7.549	...
19.	Section foremen	5,807	...	14,897,933	8,060,810.77	...	.541
20.	Sectionmen	16,636	...	39,689,249	15,213,877.81	...	.383
21.	Labourers	5,981	...	14,936,917	3,931,311.23	...	.263
22.	Foremen - Linemen	57	18,435	...	124,743.98	6.767	...
23.	Telegraph and telephone linemen and groundmen	120	...	323,553	154,370.48	...	.477
24.	Signal and interlocker maintainers and repairmen	401	...	1,057,821	664,160.39	...	.628
	Total ..... (Hourly Basis)	32,674	...	80,341,065	33,276,864.38	...	.414
	(Daily Basis)	465	146,717	...	817,611.96	5.573	...
	Total	33,139	146,717	80,341,065	34,094,476.34	...	...
<b>MAINTENANCE OF EQUIPMENT</b>							
25.	General foremen	46	14,779	...	136,101.48	9.209	...
26.	Department and gang foremen	2,059	646,339	...	4,551,354.49	7.042	...
27.	Blacksmiths	564	...	1,056,258	778,286.91	...	.737
28.	Boilermakers	1,161	...	2,176,361	1,643,857.95	...	.755
29.	Carmen (a)	2,029	...	3,835,576	2,926,653.09	...	.763
30.	Carmen (b)	499	...	895,641	694,462.06	...	.775
31.	Carmen (c)	5,518	...	10,868,658	7,327,706.28	...	.674
32.	Carmen (d)	236	...	413,062	287,197.07	...	.695
33.	Electrical workers	768	...	1,585,803	1,119,272.91	...	.706
34.	Machinists	3,809	...	6,966,812	5,241,560.08	...	.752
35.	Moulders	99	...	160,968	127,055.50	...	.789
36.	Pipe fitters and sheet metal workers	1,031	...	1,900,086	1,437,259.64	...	.756
37.	Helpers to mechanics	6,179	...	11,820,935	6,348,453.18	...	.537
38.	Helper apprentices	12	...	25,369	12,230.44	...	.482
39.	Regular apprentices	1,098	...	1,881,347	892,660.09	...	.474
40.	Car cleaners	1,293	...	2,848,265	1,119,535.89	...	.393
41.	Other unskilled employees	2,801	...	6,803,667	2,645,260.53	...	.389

42. Unclassified labourers	2,470	...	5,046,802	1,900,221.52	...	.377
43. Stationary engineers, firemen and oilers	787	...	1,964,340	1,032,533.38	...	.526
Total .....	30,354	...	60,249,950	35,534,206.52	...	.590
(Hourly Basis)	2,105	661,118	...	4,687,455.97	7.090	...
(Daily Basis)	32,459	661,118	60,249,950	40,221,662.49	...	...
Total						
<b>TRANSPORTATION</b>						
44. Inspectors and sergeants of police	133	43,444	...	274,086.17	6,309	...
45. Constables and policemen	579	189,987	...	900,933.26	4,742	...
46. Storekeepers	210	66,122	...	403,290.22	6,099	...
47. Storemen	1,538	...	3,312,108	1,503,910.15	...	.454
48. Train despatchers and traffic supervisors	433	...	1,102,545	1,249,337.24	...	1.133
49. Supervisory agents and assistants	551	...	1,394,083	1,131,816.37	...	.812
50. Station agents- non-telegraphers (small station)	174	...	449,828	143,281.44	...	.319
51. Station agents- telegraphers and telephoners	4,989	...	12,760,702	8,381,800.97	...	.657
52. Signalmen (non-telegraphers) at interlockers	276	...	723,744	359,518.39	...	.497
53. Foremen in freight sheds	354	...	869,824	548,592.53	...	.631
54. Freight handlers and other station employees	3,797	...	8,484,475	3,866,963.44	...	.456
55. Labourers	410	...	1,018,536	349,079.36	...	.343
56. Dining car and restaurant inspectors, conductors & stewards	215	...	626,167	350,543.36	...	.560
57. Dining car and restaurant helpers and attendants	1,113	...	3,136,002	962,359.37	...	.307
58. News agents	168	61,082	...	103,824.03	1.700	...
59. Floating equipment employees	508	...	1,567,153	582,572.88	...	.372
60. Sleeping and parlour car inspectors and conductors	141	...	377,604	249,477.00	...	.661
61. Sleeping and parlour car porters	792	...	2,229,613	786,707.99	...	.353
62. Drawbridge operators	84	...	223,633	112,673.37	...	.504
63. Signalmen or watchmen at crossings (non-interlocked)	616	...	1,590,679	575,269.97	...	.362
64. Yardmasters and assistants	292	97,490	...	814,746.67	8,357	...
65. Switch tenders	335	106,135	...	457,981.06	4,315	...
66. Hostlers	387	126,773	...	626,038.21	4,938	...
67. Road passenger conductors	643	...	1,476,897	1,703,054.00	...	1.153
68. Road freight conductors	1,662	...	4,364,184	4,218,346.66	...	.967
69. Road passenger brakemen, baggagemen & flagmen	1,457	...	3,173,548	2,686,416.79	...	.847
70. Road freight brakemen and flagmen	3,903	...	8,777,478	6,708,381.94	...	.764
71. Yard conductors and yard foremen	979	...	2,556,746	1,978,488.96	...	.774
72. Yard brakemen and helpers	2,227	...	5,187,866	3,717,697.40	...	.717
73. Road passenger engineers and motormen	812	...	1,723,710	2,577,819.83	...	1.496
74. Road freight engineers and motormen	2,093	...	5,327,453	5,858,886.54	...	1.100
75. Yard engineers and motormen	911	...	2,613,928	2,107,264.29	...	.806
76. Road passenger firemen and helpers	818	...	1,607,269	1,880,599.90	...	1.170
77. Road freight firemen and helpers	2,295	...	5,279,559	4,436,447.27	...	.840
78. Yard firemen and helpers	975	...	2,599,801	1,639,726.29	...	.631
Total .....	34,766	...	84,555,135	60,667,033.70	...	.717
(Hourly Basis)	2,104	691,033	...	3,580,899.62	5.182	...
(Daily Basis)	36,870	691,033	84,555,135	64,247,933.32	...	...
Total						
79. Express department	2,348	687,381	...	3,304,521.40	4,807	...
80. Radio department	23	7,160	...	24,150.72	3,373	...
81. Employees engaged in outside operations	8,963	...	23,923,214	9,893,983.03	...	.414
<b>GRAND TOTAL</b>						
..... (Hourly Basis)	106,757	...	249,069,364	139,372,087.63	...	.560
(Daily Basis)	26,024	8,027,780	...	43,266,277.06	5,390	...
Total	132,781	8,027,780	249,069,364	182,638,364.69	...	...
82. Total number of female employees (monthly average)	5,274	...	...	...	...	...
83. Total pay roll charged to operating expenses	...	...	...	167,200,188.99	...	...
84. Pullman, bridge and tunnel companies ... (Hourly Basis)	326	...	932,970	431,614.79	...	.463
(Daily Basis)	18	6,588	...	36,567.85	5,551	...
Total	344	6,588	932,970	468,182.64	...	...

TABLE 4.

RAILWAY ACCIDENTS

(1) 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 .....	-	-	3	68	-	-	3	68
Collisions .....	-	225	27	40	-	8	27	273
Derailments .....	-	44	6	32	1	4	7	80
Parting of trains .....	-	-	-	-	-	-	-	-
Locomotives or cars breaking down .....	-	-	-	-	-	-	-	-
Falling from trains, locomotives or cars .....	1	7	6	130	3	13	10	150
Getting on or off trains, " " " .....	-	99	5	186	29	98	34	383
Struck by trains, locomotives or cars-								
At highway crossings .....	-	-	(	(	x 119	x 290	(	(
At stations .....	1	23	( 21	( 33	-	1	( 246	( 406
At other places on track .....	1	-	(	(	104	59	(	(
Overhead obstructions .....	-	-	-	2	-	-	-	2
Other causes .....	3	259	15	802	17	149	35	1,210
Total .....	6	657	83	1,293	† 273	† 622	362	2,572
† Postal Clerks .....					1	78		
Other persons - trespassing .....					150	186		
not trespassing .....					122	358		
Total .....					273	622		
x Struck at Highway Crossings-								
Trainmen and passengers .....					-	3		
Pedestrians .....					10	6		
Motorists .....					105	266		
In other vehicles .....					4	15		
Total .....					119	290		
Class of Employee			Killed	Injured				
			No.	No.	Days absent			
Trainmen .....			47	1,066	36,107			
Switchtenders, crossing tenders, watchmen .....			2	1	36			
Stationmen .....			4	12	440			
Shopmen .....			7	31	967			
Trackmen .....			22	123	5,406			
Telegraph employees .....			-	-	-			
Other employees .....			1	60	1,663			
Total .....			83	1,293	44,619			

(2) Non-Train Accidents

Cause of Accident	Killed	Injured	Class of Employee	Injured		
	No.	No.		Killed	No.	Days absent
Handling traffic .....	-	300	Stationmen .....	2	592	15,893
Handling tools, machinery, etc. ....	2	1,077	Shopmen .....	1	1,518	43,748
Handling supplies .....	-	1,087	Trackmen .....	6	2,706	71,927
Getting on or off locomotives or cars			Other employees .....	1	229	5,475
at rest .....	-	97	Total Employees .....	10	5,045	137,043
Other causes .....	17	2,599	Passengers .....	-	34	
Total .....	19	5,160	Postal Clerks .....	-	21	
			Other Persons .....	9	60	
			Total .....	19	5,160	



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