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PRELIMINARY REPORT
ON
STATISTICS OF STEAM RAILWAYS
IN
CANADA
1939



OTTAWA
1940

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

1939

The slump in railway revenues which took place in 1938 was carried over into the first four months of 1939, but from May until the end of the year increases over revenues of the corresponding month of the previous year were recorded each month. Total revenues for the year amounted to \$367,179,095 compared with \$336,833,400 in 1938. Operating expenses increased to \$304,373,285 from \$295,705,638 for 1938. The reductions in basic rates of pay which had been in effect for several years were fully restored by April 1, 1938, and no major changes have since been made, consequently changes in expenses reflect changes in volume of work and not in rates of wages. Railway taxes of \$10,034,137 represented 2.7 per cent of gross revenues. These were greater than for 1938 by \$297,721 but less than for 1937.

Interest on funded and unfunded debt was reduced from \$79,215,333 in 1938 to \$79,022,934 and the funded debt outstanding at the end of the year was reduced from \$1,568,269,672 to \$1,533,373,521. The net corporate income of all railways before deduction of dividends and profit and loss items was a debit of \$27,298,993 compared with a debit of \$55,023,359 in 1938. The Canadian National System reduced its loss by \$16,231,733 or from \$54,470,997 to \$38,239,264 and the Canadian Pacific increased its income by \$8,519,766 or from \$1,262,382 to \$9,782,148.

The miles of road operated at the end of the year was reduced by 105.4 miles to 42,636.9 miles. The principal decreases were the Canadian National line

between Hawkesbury and Hurdman (outside of Ottawa) 55.5 miles and the Canadian Pacific line between Linwood and Listowel 16.5 miles in Ontario which were abandoned, and the Canadian National line between Farnham and Frelighsburg 17.9 miles in Quebec also abandoned. There were no new lines opened and only minor additions made during the year.

Freight train miles increased by 5.7 per cent and tons of revenue freight carried increased by 11.1 per cent to 84,631,122 tons. The ton miles increased by 17.3 per cent indicating an increase in the average haul. The big increase in loadings was in Saskatchewan and largely in wheat, which is long-haul freight.

Passenger traffic dropped to 20,482,296 passengers carried and the number has been lower only in 1933 and 1935 during the last 38 years.

The number of employees increased by 1,538 to 129,362 and the total pay roll was \$200,373,668 as against \$195,108,351 in 1938. The average hourly wage for all employees on an hourly basis was 62.5 cents as against an average of 62.1 cents in 1938. This is a weighted average computed by dividing the total wages by the total time credited to the employees. The average wage for the year for this class of employees was \$1,485 as against \$1,458 in 1938. Employees on a daily, monthly, or annual basis numbered 26,135, an increase during the year of 451 and their salaries amounted to \$47,110,114. The average daily rate of this class of employees, which includes clerks, executives, etc., was \$5.91, the same as in 1938 and the yearly average was \$1,803 in 1939 and \$1,799 in 1938. These also are weighted averages and the large number of clerks with average annual wages of \$1,546 and \$1,510 in 1939 and 1938 respectively was the controlling factor, while janitors, cleaners, office boys, offset general officers, division officers, etc.

In train accidents there was only one passenger killed during the year and 322 were injured. The number of employees killed was reduced slightly, from 45 to 43, composed of 21 trainmen, 9 trackmen and 13 other employees. The number of employees injured was 879 as against 898 in 1938. There were 100 persons killed in highway crossing accidents, an increase of 4 over 1938, and 282 persons were injured as against 235 in 1938. Most of these were motorists, the number killed increasing from 85 to 90 and the number injured increasing from 205 to 269. These motorists will be classed in vital statistics as motor vehicle accidents. The

classifications have no connection with the person or company responsible for the accident; in many cases motorists drive in front of trains or crash into the sides of moving trains and are here classed as highway crossing accidents to motorists.

The number of trespassers, which include persons walking on the right of way, stealing rides on trains, crossing under gates at highway crossings while the gates are down, etc., which were killed was reduced from 140 to 128 and the number injured from 206 to 191.

In non-train accidents, which include handling rails, ties, materials in shops and in warehouses, etc., 16 persons were killed and 4,373 were injured.

Although the number of employees injured in train and non-train accidents increased from 4,961 in 1938 to 5,170 the time absent from work because of accidents was reduced from 142,302 to 136,637 days. In other words, there was an increase of 4 per cent in the number of accidents but a decrease of 4 per cent in the time lost because of these accidents.

The instructions on reporting accidents are to count as deaths persons dying from the results within 24 hours of the accident. All other serious injuries are to be reported as injuries. Injuries to employees include employees who are absent more than three days in the aggregate during the ten days immediately following the accident and for other persons those whose injuries prevent them from following his or her customary mode of living for more than one day. During the year 18 employees, 2 trespassers and 5 other persons were injured and subsequently died from the results of train accidents, also 16 persons committed suicide and 5 persons attempted to commit suicide which were not included in the above statistics.

TABLE 1.

INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1939.

No.	Name of Railway	Total Operating Revenues	Total Operating Expenses	Net Operating Revenues	Railway Tax Accruals	Net Operating Income
		\$	\$	\$	\$	\$
1.	Algoma Central & Hudson Bay	1,930,421	1,597,285	333,136	40,090	293,046
2.	Alma and Jonquières	104,137	71,511	32,626	2,280	30,346
3.	British Yukon	216,048	148,436	67,612	6,796	58,816
4.	Canada and Gulf Terminal	89,589	71,355	18,234	3,471	14,763
5.	Canada Southern (N.Y.C. Lessee)	13,836,465	7,145,971	6,490,494	555,421	5,935,073
6.	Canadian National	173,059,119	157,549,269	15,509,850	4,162,081	11,347,769
7.	Canadian Pacific	152,148,993	116,396,388	33,752,605	4,360,493	29,392,112
8.	Central Vermont	229,363	190,474	38,889	1,961	36,928
9.	Cumberland	156,824	122,422	34,402	3,600	30,802
10.	Essex Terminal	224,978	166,344	58,634	10,391	48,243
11.	Greater Winnipeg Water District	97,757	92,997	4,760	...	4,760
12.	Hudson Bay	273,530	618,647	- 246,117	206	- 245,323
13.	Maine Central	13,973	12,548	1,425	702	723
14.	Maritime Coal, Railway & Power Co.	93,809	53,317	40,492	1,515	38,977
15.	Midland Railway of Manitoba	296,904	368,299	- 71,395	31,439	- 102,834
16.	Morrissey, Fernie and Michel	23,767	23,762	5	5	...
17.	Napierville Junction	452,771	317,859	134,912	10,249	124,663
18.	Nelson and Fort Sheppard	57,873	140,873	- 83,000	12,853	- 95,853
19.	Nipissing Central	522,008	478,405	43,603	1,956	41,647
20.	Northern Alberta	2,126,563	1,747,870	378,693	79,904	298,769
21.	Ottawa and New York	110,927	157,761	- 46,834	17,251	- 64,085
22.	Pacific Great Eastern	593,380	569,932	23,448	...	23,448
23.	Père Marquette	4,510,302	2,506,168	2,004,134	153,606	1,850,528
24.	Quebec Railway, Light & Power Company	351,114	396,983	- 45,869	16,837	- 62,706
25.	Roberval and Saguenay	864,574	204,683	459,891	48,077	411,814
26.	St. Lawrence and Adirondack	415,918	530,472	- 114,554	8,345	- 122,899
27.	Sydney and Louisburg	1,561,429	996,194	565,235	4,712	560,523
28.	Témiscouata	185,498	183,921	1,577	5,617	- 4,040
29.	Temiskaming & Northern Ontario	5,401,952	3,748,120	1,653,832	...	1,653,832
30.	Thousand Islands	31,715	31,068	647	178	469
31.	Toronto, Hamilton and Buffalo	1,838,910	1,314,716	524,194	99,803	424,391
32.	Toronto Terminals	292,481	580,108	- 287,627	250,416	- 538,043
33.	Vancouver, Victoria & Eastern	498,243	321,360	176,883	109,409	67,474
34.	Wabash (in Canada)	4,967,760	3,617,767	1,349,993	620	1,349,373
35.	Total 1939	367,179,095	304,373,285	62,805,810	10,034,137	52,803,526
	Total 1938	336,833,400	295,706,638	41,127,762	9,736,416	31,391,346
36.	Canadian National (Canada and U.S.)	203,820,186	182,965,768	20,854,418	6,246,461	14,607,957

∧ Includes taxes of the Lake Erie and Detroit River Railway Company amounting to \$31,853.

x Includes interest on \$45,382,082 Dominion Government Loans \$916,165.

xx Represents all divisions of the company.

INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1939.

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.	...	293,046	371,254	516,065	213,762	729,827	- 358,573
2.	...	30,346	33,822	...	6,839	6,839	26,983
3.	...	58,816	76,405	85,990	...	85,990	- 9,585
4.	...	14,763	16,680	67,000	11,162	68,162	- 51,482
5.	...	5,935,073	6,279,026	113,974	3,324,096	3,438,070	2,840,956
6.	302,364	11,650,133	24,057,210	x 50,212,691	12,083,783	62,296,474	- 38,239,264
7.	- 136,496	29,256,616	38,422,682	20,743,007	7,897,527	28,640,534	9,782,148
8.	...	36,928	65,826	35,002	20,828	55,830	9,996
9.	...	30,802	30,802	...	3,392	3,392	27,410
10.	...	48,243	70,156	13,800	3,038	16,838	53,318
11.	...	4,760	4,760	...	321	321	4,439
12.	...	- 246,323	- 239,184	...	98,291	98,291	- 337,475
13.	...	723	778	...	219	219	559
14.	807	39,784	39,784	4,715	5,860	10,575	xx 29,209
15.	...	- 102,834	- 87,695	...	119,691	119,891	- 207,386
16.	...	...	...	...	...	...	...
17.	...	124,663	128,888	4	81,994	81,998	46,890
18.	...	- 95,863	- 94,613	...	16,474	16,474	- 110,087
19.	...	41,647	42,704	...	35,909	35,909	6,795
20.	145	298,934	1,589,276	1,380,797	182,456	1,563,253	26,023
21.	...	- 64,085	- 57,581	843	29,720	30,563	- 88,144
22.	6,879	30,327	39,063	3,683,018	96,469	3,779,477	- 3,739,414
23.	...	1,850,528	2,009,098	181,866	1,210,696	1,392,582	616,536
24.	...	- 62,708	- 42,486	xx 833	7,869	8,702	- 51,188
25.	...	411,814	413,162	93,100	7,174	100,274	312,878
26.	...	- 122,899	- 119,932	62,097	145,271	197,368	- 317,300
27.	...	660,623	580,523	...	419,780	419,780	140,743
28.	...	- 4,040	- 3,879	1,101	6,972	8,073	- 11,952
29.	...	1,653,832	1,706,191	316,692	221,348	538,040	1,167,151
30.	...	489	949	949	...	949	...
31.	...	424,391	640,689	205,270	121,210	326,480	314,209
32.	...	- 538,043	1,387,373	1,324,120	85,431	1,409,551	- 42,178
33.	...	87,474	345,419	...	236,261	236,261	109,158
34.	...	1,349,373	1,349,373	...	599,739	599,739	749,634
35.	173,699	52,977,225	79,016,513	79,022,934	27,291,572	106,314,506	- 27,298,993
	1,123,878	32,515,224	57,518,210	79,215,333	33,128,236	112,341,569	- 55,023,359
36.	302,364	14,910,321	22,618,047	x 60,913,879	9,843,432	60,757,311	- 38,239,264

TABLE 2.

TRAIN MILEAGE FOR THE YEAR ENDED DECEMBER 31, 1939

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	320.8	321.8	305,783	...	305,783	12,012
2.	Alma and Jonquières	10.6	10.6	17,292	4,807	22,099	...
3.	British Yukon	90.3	90.3	26,694	15,236	41,929	1,662
4.	Canada and Gulf Terminal	38.1	38.1	16,806	27,692	44,498	...
5.	Canada Southern (N.Y.C. Lessee)	380.4	380.7	1,199,415	1,709,679	2,909,094	17,078
6.	Canadian National	21,723.2	21,935.8	25,620,710	16,512,078	42,132,788	1,044,513
7.	Canadian Pacific	16,700.5	17,175.9	21,198,912	16,398,070	37,596,982	605,510
8.	Central Vermont	25.3	25.3	19,734	35,850	55,584	432
9.	Cumberland	31.3	31.3	30,340	...	30,340	...
10.	Essex Terminal	21.3	21.3	11,857	...	11,857	...
11.	Greater Winnipeg Water District	92.0	92.0	...	...	...	...
12.	Hudson Bay	510.1	510.1	87,536	2,733	90,269	15,736
12a.	International Bridge & Terminal Co.	1.1	1.1	...	...	...	...
13.	Maine Central	5.1	5.1	3,231	10	3,241	159
14.	Maritime Coal, Railway & Power Co.	12.2	12.2	13,848	2,628	16,476	...
15.	Midland Railway of Manitoba	5.7	75.5	47,269	99,424	146,693	...
16.	Morrissey, Fernie and Michel	5.4	5.4	6,787	...	6,787	...
17.	Napierville Junction	27.1	41.7	28,930	95,840	124,770	905
18.	Nelson and Fort Sheppard	54.8	60.9	19,292	33,569	52,861	2,062
19.	Nipissing Central	59.7	59.7	70,172	116,090	186,262	4,224
20.	Northern Alberta	922.7	927.6	372,087	133,214	505,301	38,856
21.	Ottawa and New York	56.8	58.7	18,923	62,422	81,345	...
22.	Pacific Great Eastern	347.8	347.3	89,772	42,401	132,173	25,889
23.	Père Marquette	198.8	319.0	926,348	134	926,482	2,146
24.	Quebec Railway, Light & Power Co.	25.4	25.4	19,641	276,368	296,009	4,447
25.	Roberval and Saguenay	29.0	29.0	42,238	...	42,238	...
26.	St. Lawrence and Adirondack	48.6	60.7	38,517	163,936	202,453	608
27.	Sydney and Louisburg	70.3	70.3	141,754	11,129	152,883	...
28.	Témiscouata	113.0	113.0	39,126	53,891	93,017	2,724
29.	Temiskaming & Northern Ontario	514.0	514.0	640,922	499,633	1,140,555	26,176
30.	Thousand Islands	4.5	4.5	10,665	11,882	22,547	...
31.	Toronto, Hamilton and Buffalo	103.6	111.0	100,152	164,253	264,405	1,181
32.	Toronto Terminals	3.2	3.2	...	...	...	...
32a.	Van Buren Bridge	0.3	0.3	...	...	...	...
33.	Vancouver, Victoria and Eastern	85.9	86.9	34,503	53,840	88,343	2,038
34.	Wabash (in Canada)	...	245.4	1,032,364	...	1,032,364	539
35.	Total 1939	42,636.9	42,676.4	52,231,620	36,526,808	88,758,428	1,708,894
	Total 1938	42,742.3	42,700.8	49,432,589	36,274,204	85,706,793	1,134,757
36.	Canadian National (Canada and U.S.)	23,406.4	23,668.4	29,707,142	18,678,336	48,385,478	1,082,719

X - Track operated under trackage rights excluded.

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

♢ - Includes mileage of both locomotive and motor unit car drawn trains.

TONS AND PASSENGERS CARRIED AND CAR MILEAGE FOR THE YEAR ENDED DECEMBER 31, 1939.

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.	582,844	103,636,963	28,769	1,971,517	3,198,940	1,802,733	239,774	(5) 5,414,248	360,457
2.	181,011	1,771,121	15,228	167,508	68,126	56,158	...	123,281	4,807
3.	22,966	1,999,307	14,947	728,323	179,475	88,218	1,646	269,337	149,763
4.	56,864	1,100,623	21,852	511,852	62,246	36,186	...	98,432	34,034
5.	5,402,049	779,505,065	731,237	104,316,911	46,825,782	23,840,150	1,212,025	71,677,957	17,609,995
6.	36,386,690	14,721,293,311	9,545,546	802,450,837	622,676,124	283,169,181	26,501,566	931,346,860	134,153,610
7.	33,030,062	14,170,172,628	7,255,491	751,483,806	525,972,383	264,039,187	22,543,837	812,555,407	121,032,460
8.	703,572	17,126,251	82,259	1,927,166	702,742	297,822	20,054	1,020,618	277,176
9.	548,630	2,946,126	2,879	27,396	58,235	58,235	5,156	121,626	28,444
10.	568,499	2,842,496	...	...	120,466	116,675	12,000	249,140	...
11.	166,594	...	9,355	469,001	...	...	...	...	...
12.	74,048	35,928,436	4,753	842,384	1,149,398	922,741	105,340	2,177,479	291,244
12a.	...	...	...	...	...	...	...	...	...
13.	159,525	813,578	334	1,703	28,916	23,586	...	52,502	3,261
14.	157,991	1,290,891	3,884	26,611	50,362	30,040	...	80,402	3,950
15.	91,978	6,886,425	48,996	2,785,599	421,235	356,411	47,097	824,743	603,708
16.	112,679	605,086	...	...	...	...	...	...	...
17.	884,185	23,287,111	146,976	5,151,509	722,766	567,371	29,014	1,359,141	683,322
18.	38,114	1,507,830	9,602	246,818	69,240	50,759	17,979	137,978	57,955
19.	395,232	13,625,793	98,722	3,578,582	818,001	460,052	70,172	1,348,225	576,770
20.	533,346	136,975,534	78,573	8,684,713	6,297,018	2,983,199	462,337	9,742,554	1,396,684
21.	102,502	4,832,200	34,507	908,005	160,959	134,390	19,082	314,431	135,051
22.	58,848	9,055,837	20,860	1,597,145	605,867	393,942	34,331	(4) 1,204,773	376,356
23.	2,431,531	436,010,066	503	10,816	23,068,100	13,656,994	962,700	37,687,794	70,845
24.	187,680	3,876,567	1,130,436	10,911,949	145,943	124,799	16,966	289,708	441,811
25.	679,018	13,391,255	350	5,984	280,779	270,130	27,838	578,747	15,934
26.	416,079	13,818,821	460,245	8,155,458	575,183	650,228	39,188	1,264,599	595,897
27.	4,580,736	63,460,742	7,430	119,969	1,625,163	1,598,127	112,426	3,355,716	72,476
28.	106,024	4,330,144	15,486	506,447	203,159	127,842	24,723	355,724	158,420
29.	1,454,551	282,216,354	382,867	32,973,524	13,163,736	6,089,167	636,298	18,889,201	3,708,005
30.	(2)	92,668	3,241	14,584	9,350	3,595	...	12,945	14,408
31.	1,691,731	64,285,204	245,982	9,051,765	2,286,861	1,286,691	101,333	3,674,905	925,466
32.	...	...	...	...	...	...	...	...	...
32a.	...	...	...	...	...	...	...	...	...
33.	325,135	8,640,358	80,786	2,345,471	407,416	275,992	26,029	709,437	360,060
34.	2,507,291	537,666,490	...	...	32,134,111	14,249,429	1,006,060	47,389,600	105,704
35.	(5) 84,631,122	31,464,991,270	20,462,296	1,751,973,333	1,263,888,090	616,779,026	53,276,960	1,954,297,819	(1) 284,259,591
	(5) 76,175,305	28,834,696,695	20,911,196	1,783,177,557	1,161,084,104	562,455,922	48,630,033	1,772,150,059	253,814,658
36.	45,691,284	17,084,258,927	10,144,749	875,418,448	734,039,378	344,051,585	28,733,425	1,106,824,388	151,206,611

(1) Includes Motor Unit Car Miles - 2,458,566 miles as motive power, 100,322 miles as trailers in motor unit car trains and 3,240 miles in locomotive drawn trains.

(2) Included in Canadian National Railways.

(3) Includes 172,801 miles in Non-revenue Service.

(4) " 170,633 " " " " " " " " " "

(5) Duplications excluded.

TABLE 3.

EMPLOYEES AND THEIR COMPENSATION FOR THE YEAR ENDED DECEMBER 31, 1939.

No.	Division	Average Number of Employees	Total Days on Duty	Total Hours on Duty	Compensation		
					Total For Year	Average Daily Compensation	Average Hourly Compensation
<u>GENERAL AND MISCELLANEOUS</u>							
1.	Executives, general officers and assistants	506	152,708	...	3,564,064	22.029	...
2.	Division officers	883	278,497	...	3,146,716	11.299	...
3.	Assistant engineers and draftsmen	496	150,879	...	1,097,912	7.277	...
4.	Other miscellaneous officials	1,303	389,333	...	3,546,961	9.110	...
5.	Clerks	13,096	4,036,625	...	20,258,791	5.019	...
6.	Telephone switchboard operators	244	73,369	...	236,863	3.228	...
7.	Office boys, messengers, attendants & misc. trades workers	989	295,837	...	765,071	2.586	...
8.	Janitors and cleaners	1,478	380,623	...	1,105,314	2.904	...
	Total (Daily Basis)	18,996	5,757,871	...	33,521,662	5.822	...
<u>MAINTENANCE OF WAY AND STRUCTURES</u>							
9.	Bridge and building department foremen	362	111,591	...	665,107	5.960	...
10.	Carpenters and bridgemen	1,676	...	3,991,871	2,462,669	...	.614
11.	Blacksmiths, pipe fitters, plumbers, tinsmiths, and pump repairers	280	...	705,482	508,803	...	.721
12.	Masons, bricklayers, plasterers and painters	215	...	495,511	313,488	...	.633
13.	Helpers, B. and B. department	193	...	457,099	226,248	...	.493
14.	Apprentices, B. and B. department	...	...	...	...	...	...
15.	Pile driver, ditching, hoist & steam shovel employees	284	...	798,623	511,845	...	.641
16.	Pumpmen	391	...	1,014,219	489,510	...	.483
17.	Extra gang and snow plough foremen	303	...	544,711	397,782	...	.730
18.	Signal foremen	34	10,662	...	91,265	8.560	...
19.	Section foremen	5,767	...	14,552,619	8,691,186	...	.597
20.	Sectionmen	14,487	...	35,021,414	16,007,641	...	.429
21.	Labourers	5,670	...	13,225,335	4,043,308	...	.306
22.	Foremen - Linemen	29	9,068	...	59,939	6.610	...
23.	Telegraph and telephone linemen and groundmen	36	...	84,149	48,491	...	.576
24.	Signal and interlocker maintainers and repairmen	384	...	1,025,944	713,565	...	.696
	Total (Hourly Basis)	29,676	...	71,916,977	33,403,554	...	.464
	(Daily Basis)	425	131,321	...	816,311	6.216	...
	Total	30,101	131,321	71,916,977	34,219,865	...	...
<u>MAINTENANCE OF EQUIPMENT</u>							
25.	General foremen	54	16,358	...	176,295	10.777	...
26.	Department and gang foremen	2,036	644,976	...	4,929,735	7.643	...
27.	Blacksmiths	545	...	1,146,409	904,323	...	.789
28.	Boilermakers	997	...	2,068,178	1,679,572	...	.612
29.	Carmen (a)	1,765	...	3,579,879	2,914,667	...	.614
30.	Carmen (b)	403	...	827,672	681,769	...	.824
31.	Carmen (c)	4,750	...	10,032,981	7,367,080	...	.734
32.	Carmen (d)	179	...	357,564	265,942	...	.744
33.	Electrical workers	725	...	1,622,801	1,247,780	...	.769
34.	Machinists	3,409	...	7,091,427	5,697,010	...	.803
35.	Moulders	76	...	154,393	127,319	...	.825
36.	Pipe fitters and sheet metal workers	917	...	1,875,721	1,514,908	...	.808
37.	Helpers to mechanics	5,694	...	11,715,502	6,815,602	...	.582
38.	Helper apprentices	11	...	21,401	9,652	...	.451
39.	Regular apprentices	1,364	...	2,727,812	1,401,308	...	.514
40.	Car cleaners	1,234	...	2,967,334	1,300,145	...	.438
41.	Other unskilled employees	2,697	...	6,573,240	2,814,946	...	.428

42. Unclassified labourers	2,164	...	4,885,849	1,997,180	...	.409
43. Stationary engineers, firemen and others	794	...	1,978,568	1,161,946	...	.587
Total	(Hourly Basis) 27,614	...	59,626,719	37,900,848	...	.636
	(Daily Basis) 2,090	661,533	...	6,106,030	7,721	...
Total	29,704	661,533	59,626,719	43,006,878	...	...
<u>TRANSPORTATION</u>						
44. Inspectors and sergeants of police	145	47,391	...	340,669	7.188	...
45. Constables and policemen	751	244,085	...	1,133,515	4.644	...
46. Storekeepers	152	46,929	...	310,783	6.622	...
47. Storemen	1,445	...	3,211,760	1,623,819	...	.508
48. Train despatchers and traffic supervisors	458	...	1,127,958	1,405,923	...	1.246
49. Supervisory agents and assistants	498	...	1,285,591	1,174,105	...	.913
50. Station agents - non-telegraphers (small station)	188	...	391,081	155,370	...	.397
51. Station agents - telegraphers and telephoners	4,721	...	12,170,488	8,908,237	...	.732
52. Signalmen (non-telegraphers) at interlockers	266	...	684,537	381,029	...	.657
53. Foremen in freight sheds	381	...	942,861	635,396	...	.708
54. Freight handlers and other station employees	4,100	...	9,222,613	4,707,195	...	.610
55. Labourers	486	...	1,163,985	462,064	...	.397
56. Dining car and restaurant inspectors, conductors & stewards	232	...	685,399	414,696	...	.605
57. Dining car and restaurant helpers and attendants	1,047	...	2,939,602	1,097,450	...	.373
58. News agents	168	50,056	...	115,581	2.309	...
59. Floating equipment employees	564	...	1,923,351	717,439	...	.573
60. Sleeping and parlour car inspectors and conductors	144	...	403,524	257,515	...	.712
61. Sleeping and parlour car porters	779	...	2,292,449	873,416	...	.381
62. Drawbridge operators	88	...	238,719	130,656	...	.547
63. Signalmen or watchmen at crossings (non-interlocked)	578	...	1,495,249	602,192	...	.403
64. Yardmasters and assistants	303	100,939	...	917,140	9.086	...
65. Switch tenders	318	103,607	...	500,423	4.835	...
66. Hostlers	376	124,445	...	675,614	5.437	...
67. Road passenger conductors	660	...	1,485,823	1,944,306	...	1.309
68. Road freight conductors	1,685	...	4,305,370	4,700,442	...	1.092
69. Road passenger brakemen, baggagemen & flagmen	1,471	...	3,162,502	3,071,574	...	.971
70. Road freight brakemen and flagmen	3,864	...	8,761,317	7,525,481	...	.680
71. Yard conductors and yard foremen	1,026	...	2,825,608	2,256,158	...	.859
72. Yard brakemen and helpers	2,273	...	5,305,486	4,224,828	...	.796
73. Road passenger engineers and motormen	827	...	1,754,441	2,949,165	...	1.581
74. Road freight engineers and motormen	2,144	...	5,339,012	6,649,106	...	1.245
75. Yard engineers and motormen	931	...	2,601,665	2,322,500	...	.893
76. Road passenger firemen and helpers	822	...	1,637,400	2,155,896	...	1.317
77. Road freight firemen and helpers	2,323	...	5,304,193	5,034,193	...	.949
78. Yard firemen and helpers	978	...	2,587,032	1,804,026	...	.697
Total	(Hourly Basis) 34,954	...	85,040,326	68,245,186	...	.802
	(Daily Basis) 2,213	717,352	...	3,994,715	5,569	...
Total	37,167	717,352	85,040,326	72,239,901	...	...
79. Express department	2,412	710,630	...	3,671,396	5.166	...
80. Communication department	2,426	...	5,674,496	3,326,396	...	.656
81. Employees engaged in outside operations	8,557	...	22,807,501	10,337,580	...	.455
<u>GRAND TOTAL</u>						
	(Hourly Basis) 103,227	...	245,266,019	153,263,554	...	.626
	(Daily Basis) 26,135	7,976,507	...	47,110,114	5,905	...
Total 1959	129,362	7,978,507	245,266,019	200,373,668	...	...
Total 1958	127,824	7,821,790	239,906,008	195,108,351	...	...
82. Total number of female employees (monthly average)	4,798	...	...	...	...	...
83. Total pay roll charged to operating expenses	...	...	...	184,637,196	...	...
84. Pullman, bridge and tunnel companies (Hourly Basis)	314	...	909,024	476,561	...	.523
(Daily Basis)	17	6,340	...	37,736	5,952	...
Total	331	6,340	909,024	513,297	...	...

RAILWAY ACCIDENTS

TABLE 4.

1939

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	2	55	-	-	2	57
Collisions	1	32	7	43	54	211	62	288
Deraillments	-	14	2	21	1	-	3	35
Getting on or off trains	-	52	1	154	11	41	12	247
Locomotives or cars breaking down	-	1	-	-	-	-	-	1
Falling from trains, locomotives or cars ...	-	16	3	88	16	53	19	155
Struck by trains, locomotives or cars	-	1	25	30	148	142	173	173
Overhead obstructions	-	-	-	9	-	1	-	10
Other causes	-	204	3	481	9	93	12	778
Total	1	322	43	879	† 239	† 541	283	1,742
† Postal clerks					-	22		
Other persons - trespassing					128	191		
not trespassing					111	328		
Total					239	541		
<u>Struck at Highway Crossings-</u>								
Trainmen and passengers					-	-		
Pedestrians					7	3		
Motorists					90	269		
In Other vehicles					3	10		
Total					100	282		
Class of Person	TRAIN ACCIDENTS		NON TRAIN ACCIDENTS		DAYS ABSENT BECAUSE OF INJURY			
	Killed No.	Injured No.	Killed No.	Injured No.				
Trainmen	21	738	-	233	31,773			
Switchtenders, crossing tenders, watchmen .	2	4	-	35	1,058			
Stationmen	2	4	1	522	11,219			
Shopmen	3	29	4	1,359	35,706			
Trackmen	9	64	9	1,872	48,890			
Telegraph employees	-	1	-	45	1,763			
Other employees	6	39	1	225	6,228			
Total Employees	43	879	15	4,291	136,637			
Passengers			-	40				
Postal clerks			-	7				
Other persons			1	35				
Total All Persons			16	4,373				
<u>Cause of Accident</u>								
Handling traffic				-	325			
Handling tools, machinery, etc.				3	924			
Getting on and off locomotives or cars at rest				-	128			
Other causes				13	2,996			
Total				16	4,373			

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