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CANADA

DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

TRANSPORTATION DIVISION



PRELIMINARY REPORT

ON

STATISTICS OF STEAM RAILWAYS

IN

CANADA

1947



OTTAWA
1948

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DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES DIVISION
OTTAWA

Dominion Statistician: HERBERT MARSHALL

Director, Transportation and Public Utilities Division, G.S.Wrong

20-1110

PRELIMINARY REPORT

ON STATISTICS OF

STEAM RAILWAYS

1947

Earnings of Canadian railways during 1947 rebounded to \$785,177,920, an increase of \$66,676,156 or 9.3 p.c. over the preceding year. This total is second only to the peak of \$796,656,786 recorded in 1944. Operating expenses, however, rose more rapidly advancing from \$623,529,472 in 1946 to a new high of \$690,821,048 or by \$67,291,575, up 10.8 p.c., and compare with \$634,774,021 in 1944. Thus expenses have risen some \$56,000,000 over 1944 while earnings declined \$11,756,645. The difference between operating revenues and expenses shows net revenues of \$94,356,873 earned in 1947 against \$94,972,292 in 1946 and \$161,862,765 in 1944, indicating that the railways retained considerably less of each dollar earned with which to pay interest, taxes, dividends and other expenses. Moreover, taxes rose from \$24,500,296 in 1946 to \$26,542,165 in 1947, up 7.5 p.c., while hire of equipment and joint facilities rent increased from \$10,870,568 to \$15,585,257. Considerable of this item accrued to United States lines for freight car rentals. Non-operating income improved \$7,449,145 to \$40,597,079 and interest payments were some \$3 million lighter at \$66,106,580. Dividends distributed, principally Canadian Pacific, were about \$22,500,000 compared with \$22,407,922 in 1946. The Canadian Pacific reported non-operating income of over \$25,000,000. Cash deficits of the Canadian National totalled \$16,683,179, and include interest payments of \$20,002,435 on Dominion Government loans. The total interest burden of the system was \$44,120,207, including U. S. lines. Sixteen of the 32 railways operating in Canada reported favourable net results during 1947 with total credits of some \$41,811,000, while the balance of the roads had debits of \$25,662,000. Consequently, the net corporate income of all lines stood at \$18,149,697, an improvement of \$4,957,583 over 1946. American lines operating in Canada had credits of \$6,401,210 in 1947 against debits of \$457,585 or a net of \$5,943,625. The United States lines of the Canadian National produced a net income of \$88,045 during the year, due mainly to higher freight rates in effect across the border.

Mileage of single track operated declined 13 miles as at December 31st compared with one year earlier and extended 42,322 miles. The decrease was mainly in Alberta.

Part of the deferred maintenance and construction work planned for 1947 was carried out but scarcities of materials and rising prices exerted a restraining pressure. Deferred maintenance reserves which had been \$59,795,801 at the end of 1946 declined to \$52,940,770. Total reserves, including depreciation, amounted to \$556,495,621 at the end of 1947 against \$523,764,052 one year earlier. Total revenue train mileage increased from 123,495,619 miles in 1946 to 127,745,290 in the year under review. Freight train revenue mileage rose by nearly 4,585,000 miles to 82,577,565 miles while passenger service at 45,567,725 registered a minor decline of 555,151 miles from 1946. Revenue freight tonnage up 9.9 p.c., advanced to 152,855,820 tons moving 60,145,055,000

ton miles compared with 139,256,125 tons moved 55,710,308,000 ton miles in the preceding year. The number of passengers continued to decline from the war-time peaks and totalled 40,941,387 against 43,405,177 in 1946, down over 6 p.c. The average length of journey also decreased. The reduction in revenue passenger train miles was not commensurate with the decline in the volume of traffic and the ratio of operating expenses consequently increased.

A more efficient use of available rolling stock is reflected in the ratio of loaded freight car miles to empty freight car miles, the ratio having been 2.307 to 1 during 1947 against 2.256 one year earlier.

The number of railway employees, including those in express and communication departments and outside operations, rose from 180,383 to 184,415 or by 2.2 p.c., while salaries and wages advanced from \$396,856,901 to \$429,843,142 or by 8.3 p.c. over 1946. The number of employees is the average based on counts made each month, and represents approximately the number of full-time positions and not the count of all persons whose names appeared on the pay roll during the year. Thus an employee working only half a year is counted as half an employee. The total pay roll, however, is the total money paid, exclusive of commissions paid to some express and telegraph employees. It does not include the value of meals, accommodation, uniforms and other supplies and services supplied to employees.

Average yearly wages paid in each class appearing in Table 3 were calculated by dividing total wages paid for the class by the average of the counts of employees made monthly. For classes which fluctuate considerably, counts were made by the larger systems four times each month. The daily or hourly averages were computed by dividing the total wages for the group by total time worked, and consequently are true weighted averages. Rates were calculated to the nearest cent, while annual earnings were to the nearest dollar.

The average salary or wages received by the 184,415 employees ranging from executive to apprentice was \$2,351 in 1947 against \$2,200 one year earlier, an average increase of \$151 or 6 p.c., and compares very favourably with the average wage paid by any industry in Canada. Responding to the impact of peace, the average number of female employees declined from 11,863 in 1946 to 10,376.

Average wages paid to the general and miscellaneous group rose from \$2,311 to \$2,438 in 1947, up 5.5 p.c., while the average days worked declined by 1 to 307 for the year. The number of employees in this group increased by 622, principally in the "clerk" class, to 25,965. Divisional officers increased from an average salary of \$4,137 to \$4,532, while executives and general officers earned \$8,376 compared with \$7,896, up 6.1 p.c.

Wages of maintenance of way and structures employees advanced to \$69,543,804 from \$65,878,571 against a decline in numbers of 450 to 37,763. Average earnings were \$1,842 compared with \$1,724 in 1946, up 6.8 p.c., while average hours worked increased by 30 during the year.

Maintenance of equipment employees averaged \$2,196 in 1947 against \$2,084 in the preceding year with hourly rates up about 6 cents. Total pay roll for the group climbed to \$98,187,920 compared with \$90,285,222, up 8.7 p.c., while the average number of employees rose from 43,323 to 44,718.

The "transportation" employees accounted for 38 p.c. of total pay roll, earning \$162,446,582, an increase of 8.8 p.c. or \$13,114,730 over the preceding year. Average earnings rose from \$2,674 to \$2,810, while employees numbered 1,966 more at 57,813. Increases were mainly in the number handling freight while employees in dining car and other passenger classes declined.

The express department was more active with 4,247 employees earning \$9,655,273 compared with 3,957 collecting \$8,421,796 during 1946. Communications reported 7,380 employees, an increase of 250 with total wages of \$14,984,076 against \$13,429,253.

Total pay roll charged to operating expenses rose to \$391,621,188, up nearly 8.7 p.c. from \$360,442,472 so debited in the preceding year.

There were 34 passengers killed in train accidents during the year compared with only 2 in 1946. The Labor Day collision at Dugald, Manitoba, accounted for 30 of these fatalities. Passenger deaths were restricted to three of the thirty-two lines operating. A total of 151 persons met death at railway crossings during 1947 compared with 113 in 1946 and twenty eight of these fatalities occurred at protected crossings, 16 happening in urban areas. The majority were riding in motor vehicles. In addition 345 persons suffered injuries at crossings against 442 one year earlier.

Decided improvement over preceding years is reflected in the number of days employees were absent due to injuries, the total having been 263,470 days during 1947 compared with 294,258 in 1946 and 331,667 days in 1945. Per employee, 1.43 days were lost in 1947 due to injuries.

There were 77 employees killed in accidents resulting from the movement of trains compared with 90 in 1946, and 26 other employees, mostly shopmen and trackmen, met death during 1947 in non-train accidents against 23 in the preceding year. The fatality rate per thousand railway employees thus stood at 0.558 for the year compared with 0.603 in 1946.

Table 1.

Income Account for the Year ended December 31, 1947.

No.	Name of Railway	Total Operating Revenues	Total Operating Expenses	Net Operating Revenues	Railway Tax Accruals	Hire of Equipment and Rent of Joint Facilities
		\$	\$	\$	\$	\$
1.	Algoma Central and Hudson Bay	6,532,264	5,812,793	719,471	66,258	36,759
2.	Alma and Jonquieres	307,303	179,433	127,870	39,296	38,925
3.	British Yukon	570,538	529,835	140,703	9,919	-
4.	Canada and Gulf Terminal	319,477	288,886	30,591	4,687	23,198
5.	Canada Southern (Lessee N.Y.C.)	25,931,804	17,674,178	8,257,626	1,339,983	2,686,386
5A.	Canada Southern (Lessor)	-	-	-	36,591	-
6.	Canadian National	377,305,095	346,901,766	30,403,329	5,504,975	4,250,811
7.	Canadian Pacific	321,223,099	279,520,795	41,702,304	16,172,935	2,637,180
8.	Central Vermont	203,176	187,705	15,471	1,186	9,731
9.	Cumberland	138,418	166,717	Dr. 28,299	2,655	7,925
10.	Essex Terminal	537,500	374,061	163,439	71,270	12,432
11.	Great Northern	1,156,985	1,587,013	Dr. 430,028	215,147	Cr. 80,543
12.	Greater Winnipeg Water District	67,081	126,394	Dr. 59,313	-	3,027
13.	Hudson Bay	997,609	1,027,527	Dr. 29,918	4,143	254,027
14.	Maine Central	26,041	25,300	741	1,408	335
15.	Maritime Coal, Railway and Power	97,942	75,868	22,074	4,291	16,290
16.	Midland Railway of Manitoba	636,754	648,830	Dr. 12,076	41,112	148,404
17.	Morrissey, Fernie and Michel	74,550	66,597	7,953	722	-
18.	Napierville Junction	1,335,480	750,469	585,011	165,373	205,959
19.	Northern Alberta	5,937,742	4,876,958	1,060,784	79,171	759,657
20.	Ontario Northland	9,448,226	7,672,645	1,775,581	4,138	345,847
21.	Ottawa and New York	186,066	393,730	Dr. 207,664	35,236	27,327
22.	Pacific Great Eastern	1,506,894	1,530,042	Dr. 23,148	5,381	63,884
23.	Pere Marquette	9,953,958	5,593,583	4,360,375	1,038,553	1,477,426
24.	Quebec Railway, Light and Power	989,276	751,855	237,421	17,378	38,504
25.	Roberval and Saguenay	1,813,551	795,291	1,018,260	321,386	100,874
26.	St. Lawrence and Adirondack	933,936	1,085,543	Dr. 151,607	49,693	198,995
27.	Sydney and Louisburg	957,605	1,162,486	Dr. 204,881	5,863	369,194
28.	Temiscouata	408,380	382,851	25,529	5,146	23,170
29.	Thousand Islands	55,266	73,073	Dr. 17,807	427	-
30.	Toronto, Hamilton and Buffalo	4,413,075	2,487,330	1,925,745	759,481	Cr. 7,435
31.	Toronto Terminals	876,040	1,680,845	Dr. 804,805	239,223	-
32.	Wabash (in Canada)	10,236,789	6,490,648	3,746,141	99,138	1,736,968
33.	Total - 1947	785,177,920	690,821,047	94,356,873	26,342,165	15,385,257
34.	Total - 1946	718,501,764	623,529,472	94,972,292	24,500,296	10,870,568
35.	Canadian National (Canada and U.S.)	438,197,980	397,122,607	41,075,373	9,887,323	7,477,427

* Amounts do not include taxes on the Lake Erie and Detroit River Railway Company amounting to \$39,998 in 1947, and \$19,048 in 1946, which are classified as "Rents for Leased Roads" of the Pere Marquette Railway and are included in "All Other Non-operating Expenses".

Income Account for the Year ended December 31, 1947

No.	Net Operating Income	Non-Operating Income	Gross Corporate Income	Interest on Funded and Unfunded Debt	All Other Non-Operating Expenses	Total Non-Operating Expenses	Net Corporate Income
	⌘	⌘	⌘	⌘	⌘	⌘	⌘
1.	616,454	24,036	640,490	538,263	108,212	646,475	Dr. 5,985
2.	49,649	9,264	58,913	-	1,048	1,048	57,865
3.	130,784	1,302	132,086	111,222	121	111,343	20,743
4.	2,706	10,412	13,118	57,000	-	57,000	Dr. 43,882
5.	4,231,257	33,433	4,264,690	1,457	1,947,151	1,948,608	2,316,082
5A.	Dr. 36,591	2,076,869	2,040,278	1,461,750	1,284	1,463,034	577,244
6.	20,647,543	x 9,100,410	29,747,953	*43,775,908	2,655,224	46,431,132	Dr. 16,683,179
7.	22,892,189	25,053,046	47,945,235	12,227,440	3,823,853	16,051,293	31,893,942
8.	4,554	52,077	56,631	35,013	1,618	36,631	-
9.	Dr. 38,879	-	Dr. 38,879	-	-	-	Dr. 38,879
10.	79,737	18,277	98,014	13,800	5,621	19,421	78,593
11.	Dr. 564,632	140,000	Dr. 424,632	134,009	26,689	160,698	Dr. 585,330
12.	Dr. 62,340	-	Dr. 62,340	-	-	-	Dr. 62,340
13.	Dr. 288,088	146	Dr. 287,942	-	-	-	Dr. 287,942
14.	Dr. 1,002	-	Dr. 1,002	-	-	-	Dr. 1,002
15.	1,493	4,760	6,253	-	-	-	6,253
16.	Dr. 201,592	17,960	Dr. 183,632	-	8,169	8,169	Dr. 191,801
17.	7,231	-	7,231	-	-	-	7,231
18.	213,679	11,435	225,114	17	5,420	5,437	219,677
19.	221,956	1,343,185	1,565,141	1,578,151	1	1,578,152	Dr. 13,011
20.	1,425,596	395	1,425,991	197,271	280	197,551	1,228,440
21.	Dr. 270,227	5,509	Dr. 264,718	9	1,057	1,066	Dr. 265,784
22.	Dr. 92,413	30,149	Dr. 62,264	4,344,465	19,333	4,363,798	Dr. 4,426,062
23.	1,844,396	14,451	1,858,847	125,618	135,380	260,998	1,597,849
24.	181,539	6,141	187,680	-	-	-	187,680
25.	596,000	3,490	599,490	93,100	102	93,202	506,288
26.	Dr. 400,295	486	Dr. 399,809	48,989	10,200	59,189	Dr. 458,998
27.	Dr. 579,938	-	Dr. 579,938	-	-	-	Dr. 579,938
28.	Dr. 2,787	3,948	1,161	-	-	-	1,161
29.	Dr. 18,234	773	Dr. 17,461	-	-	-	Dr. 17,461
30.	1,173,699	108,469	1,282,168	66,049	13,911	79,960	1,202,208
31.	Dr. 1,044,028	2,378,314	1,334,286	1,297,049	37,237	1,334,286	-
32.	1,910,035	-	1,910,035	-	-	-	1,910,035
33.	52,629,451	40,488,757	93,058,188	66,106,580	8,801,911	74,908,491	18,149,697
34.	59,601,428	32,979,594	92,581,022	69,122,464	10,246,244	79,368,708	13,212,314
35.	23,710,623	6,734,589	30,445,212	44,120,207	2,920,139	47,040,346	Dr. 16,595,134

* Includes interest on \$689,470,349 Dominion Government Loans, \$20,002,435.

x Includes net operating results U. S. lines.

Table 2.

Train Mileage for the Year ended December 31, 1947

	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. 31 *	Average during Year				
1.	Algoma Central and Hudson Bay	320.8	321.8	921,142	-	921,142	43,393
2.	Alma and Jonquieres	10.6	10.6	23,056	-	23,056	-
3.	British Yukon	90.3	90.3	49,172	2,945	52,117	198
4.	Canada and Gulf Terminal	38.1	36.0	22,960	50,781	73,741	-
5.	Canada Southern (Lessee N.Y.C.)	369.7	370.1	1,684,344	1,614,930	3,299,274	69,181
6.	Canadian National	21,542.8	21,729.6	38,900,869	21,515,326	60,416,195	1,706,324
7.	Canadian Pacific	16,615.6	17,034.7	35,892,237	20,030,695	55,922,932	937,630
8.	Central Vermont	25.3	25.3	16,920	32,712	49,632	539
9.	Cumberland	31.3	31.3	23,007	-	23,007	-
10.	Essex Terminal	21.3	21.3	21,408	-	21,408	-
11.	Great Northern	140.7	147.7	76,618	78,770	155,388	2,067
12.	Greater Winnipeg Water District	92.0	92.0	16,424	-	16,424	-
13.	Hudson Bay	510.1	510.1	209,524	2,550	212,074	20,243
13A.	International Bridge and Terminal	1.1	1.1	-	-	-	-
14.	Maine Central	5.1	5.1	3,487	-	3,487	10
15.	Maritime Coal, Railway and Power	12.2	12.0	8,678	4,936	13,614	-
16.	Midland Railway of Manitoba	5.7	75.5	51,184	98,692	149,876	-
17.	Morrissey, Fernie and Michel	5.0	5.0	4,680	6,345	11,025	-
18.	Napierville Junction	27.1	41.7	54,936	96,995	151,931	1,777
19.	Northern Alberta	923.0	927.9	776,239	395,570	1,171,809	48,549
20.	Ontario Northland	574.3	574.3	946,187	589,041	1,537,228	50,434
21.	Ottawa and New York	57.3	58.0	35,362	36,921	72,283	-
22.	Pacific Great Eastern	347.8	347.0	169,985	93,516	263,501	35,312
23.	Pere Marquette	198.8	318.9	975,310	260	975,570	7,182
24.	Quebec Railway, Light & Power	25.7	25.0	34,801	332,785	367,586	5,154
25.	Roberval and Saguenay	29.0	29.0	81,039	-	81,039	685
26.	St. Lawrence and Adirondack	46.5	60.9	66,855	121,652	188,507	2,576
27.	Sydney and Louisburg	70.3	70.3	96,631	24,773	121,404	-
28.	Temiscouata	101.1	113.0	52,793	56,800	109,593	3,081
29.	Thousand Islands	4.5	4.5	4,600	14,630	19,230	-
30.	Toronto, Hamilton and Buffalo	103.6	111.0	170,271	166,100	336,371	3,325
31.	Toronto Terminal	3.2	3.2	-	-	-	-
31A.	Van Buren Bridge	0.3	0.3	-	-	-	-
32.	Wabash (in Canada)	-	245.4	984,846	-	984,846	-
33.	Total - 1947	42,322.1	43,449.9	82,377,565	45,367,725	127,745,290	2,937,660
34.	Total - 1946	42,335.1	42,346.6	77,794,963	45,700,856	123,495,819	2,502,910
35.	Canadian National (Canada & U.S.)	23,159.8	23,402.1	44,027,737	23,346,277	67,374,014	1,804,867

* - Track operated under trackage rights excluded.

Tons and Passengers Carried and Car Mileage for the Year ended Dec. 31, 1947

No.	Revenue Freight		Revenue Passengers		Freight Car Miles (Revenue and Non-revenue)				Total Passenger Train Car Miles
	Tons Carried	Tons Carried One Mile	Number Carried	Passengers Carried One Mile	Freight Loaded	Freight Empty	Caboose	Total	
1.	2,512,407	428,420,983	68,272	5,052,448	10,400,149	6,440,834	778,686	xx 18,444,252	523,796
2.	472,090	5,192,990	1,063	11,693	168,244	84,842	-	253,086	5,555
3.	40,952	3,630,232	9,669	603,772	264,990	194,478	190	459,658	80,277
4.	190,114	4,540,374	61,643	1,378,913	273,642	79,377	22,960	375,979	102,981
5.	10,216,614	1,531,328,831	1,302,420	203,950,753	67,083,382	37,128,101	1,671,981	105,883,464	19,921,710
6.	71,457,824	28,608,088,000	19,838,823	1,695,374,000	1,060,503,012	440,480,765	40,168,392	1,541,152,169	190,450,437
7.	59,034,547	26,263,531,000	14,636,353	1,665,585,000	906,078,593	398,808,126	38,896,142	1,343,782,861	173,625,402
8.	922,265	21,741,074	12,944	232,116	774,666	187,633	17,512	979,811	38,856
9.	377,244	2,540,420	1,090	17,467	37,704	37,704	4,168	79,576	18,791
10.	1,154,412	5,772,060	-	-	253,445	174,715	20,000	448,160	-
11.	678,381	22,303,845	130,809	4,404,350	800,823	577,580	71,745	1,450,148	464,109
12.	152,372	-	11,023	562,458	-	-	-	-	24,420
13.	224,131	102,247,634	17,100	3,558,947	2,950,601	2,431,340	236,741	5,618,682	564,728
13A.	-	-	-	-	-	-	-	-	-
14.	253,072	1,290,667	-	-	36,542	30,167	3,437	70,146	-
15.	140,520	1,456,505	5,978	41,847	47,915	34,417	-	82,332	4,936
16.	241,332	17,134,000	76,376	4,295,838	783,239	585,996	50,113	1,419,348	678,559
17.	288,786	1,432,378	164,500	740,250	23,400	23,400	-	46,800	19,035
18.	3,038,059	81,786,970	353,421	14,117,064	1,835,778	1,116,034	55,719	3,007,531	851,111
19.	1,244,954	333,279,186	206,436	21,506,606	13,352,845	6,110,900	745,073	20,208,818	3,033,898
20.	2,406,577	490,667,790	438,736	50,535,974	19,405,321	9,065,074	948,187	29,418,582	4,401,117
21.	168,927	8,086,438	42,472	1,061,343	239,858	230,953	35,480	506,291	102,226
22.	216,584	40,302,928	58,244	4,438,035	1,756,646	980,150	128,286	2,865,082	734,376
23.	5,074,889	915,390,062	529	52,756	35,708,576	17,727,423	990,262	54,426,261	87,510
24.	592,624	11,569,915	2,434,754	24,527,100	410,083	276,390	32,403	718,876	754,656
25.	1,976,050	38,529,172	117	2,330	882,853	756,451	61,848	1,701,152	13,381
26.	1,115,542	34,872,902	476,171	9,974,446	1,084,814	968,016	66,915	2,119,745	643,092
27.	2,564,461	31,060,651	14,854	261,371	746,702	739,498	64,790	1,550,990	105,462
28.	191,217	6,553,137	27,538	876,875	298,772	174,778	41,872	515,422	196,425
29.	x	176,621	6,501	29,320	12,125	5,485	-	17,610	14,630
30.	3,985,451	150,288,767	543,551	19,583,464	4,125,147	1,850,014	168,075	6,143,236	1,117,759
31.	-	-	-	-	-	-	-	-	-
31A.	-	-	-	-	-	-	-	-	-
32.	4,632,128	979,819,446	x	x	37,834,282	12,567,408	956,155	51,357,845	67,401
33.	152,855,820	60,143,034,978	40,941,387	3,732,776,536	2,168,174,149	939,868,049	86,237,132	3,195,103,913	398,646,636
34.	129,256,125	55,310,307,842	43,405,177	4,648,557,649	2,014,642,043	893,019,651	82,395,061	2,990,636,819	415,890,589
35.	86,221,279	32,945,415,090	21,226,889	1,844,649,873	1,214,766,511	510,886,859	43,978,279	1,773,998,264	206,539,389

x - Included with Canadian National Railways. / Duplications excluded.
 xx - Includes 824,583 miles in Non-revenue service. # Includes 4,366,715 miles in Non-revenue service.

TABLE 5

EMPLOYEES AND THEIR COMPENSATION FOR THE YEAR ENDED DECEMBER 31, 1947

No.	Division	Average Number of Employees (1)		Total Hours on Duty (D - Days)	Total Salaries and Wages	Average Hours Worked (D - Days)	Average Salaries & Wages		
							Per Hour (D - Days)	Per Year	
<u>GENERAL AND MISCELLANEOUS</u>									
1.	Executives, General Officers and Assistants	548	D	167,055	4,590,254	D 305	D 27.48	8,376	
2.	Division Officers	1,057	D	330,827	4,790,827	D 313	D 14.48	4,532	
3.	Assistant Engineers and Draftsmen	778	D	239,975	2,221,539	D 308	D 9.26	2,855	
4.	Other Miscellaneous Officials	1,357	D	410,417	5,034,290	D 302	D 12.27	3,710	
5.	Clerks	19,183	D	5,307,343	41,983,314	D 308	D 7.11	2,188	
6.	Telephone Switchboard Operators	223	D	70,028	381,717	D 314	D 5.45	1,712	
7.	Office Boys, Messengers, Attendants & Miscellaneous Trade Workers	1,800	D	543,594	2,706,271	D 302	D 4.98	1,504	
8.	Janitors and Cleaners	1,017	D	305,282	1,578,903	D 300	D 5.18	1,553	
Total		25,968	D	7,974,527	63,292,615	D 307	D 7.94	2,458	
<u>MAINTENANCE OF WAY AND STRUCTURES</u>									
9.	Bridge and Building Department Foremen	542	D	167,793	1,372,773	D 310	D 8.18	2,553	
10.	Carpenters and Bridgemen	2,358		5,723,926	4,999,695	2,427	0.87	2,120	
11.	Blacksmiths, Pipe Fitters, Plumbers, Tinsmiths & Pump Repairers	373		915,636	928,074	2,455	1.01	2,488	
12.	Masons, Bricklayers, Plasterers and Painters	428		1,023,238	926,807	2,391	0.91	2,165	
13.	Helpers, B. and B. Department	338		312,980	709,161	2,353	0.78	1,828	
14.	Apprentices, B. and B. Department	-		-	-	-	-	-	
15.	Pile Driver, Ditching, Hoist and Steam Shovel Employees	564		1,638,792	1,596,956	2,906	0.97	2,851	
16.	Pumpmen	401		1,112,355	857,285	2,774	0.77	2,138	
17.	Extra Gang and Snow Plough Foremen	442		1,030,623	1,142,343	2,487	1.08	2,588	
18.	Signal Foremen	62	D	19,378	225,924	D 313	D 11.66	3,644	
19.	Section Foremen	5,968		15,566,083	13,630,961	2,608	0.88	2,284	
20.	Sectionmen	17,489		42,334,005	30,105,975	2,423	0.71	1,723	
21.	Labourers	7,883		19,077,309	19,345,377	2,421	0.57	1,373	
22.	Foremen, Linemen	40	D	12,337	113,912	D 308	D 9.25	2,848	
23.	Telegraph and Telephone Linemen and Groundmen	95		215,933	196,061	2,273	0.91	2,064	
24.	Signal and Interlocker Maintainers and Repairmen	764		2,015,123	1,890,720	2,638	0.94	2,475	
Total		644	D	199,508	1,712,609	D 310	D 8.58	2,659	
		37,119		91,626,488	67,831,195	2,469	0.74	1,327	
Total		37,763		-	69,543,904	-	-	1,842	
<u>MAINTENANCE OF EQUIPMENT</u>									
25.	General Foremen	65	D	20,284	271,175	D 312	D 13.37	4,172	
26.	Department and Gang Foremen	2,552	D	803,411	7,999,458	D 315	D 9.96	3,135	
27.	Blacksmiths	739		1,674,331	1,807,867	2,266	1.08	2,446	
28.	Boilermakers	1,439		3,313,227	3,627,575	2,302	1.09	2,521	
29.	Carmen (A)	2,433		5,403,174	5,833,330	2,219	1.09	2,417	
30.	Carmen (B)	551		1,218,843	1,330,951	2,212	1.09	2,415	
31.	Carmen (C)	6,735		16,318,371	16,486,898	2,423	1.01	2,448	
32.	Carmen (D)	205		447,743	460,459	2,194	1.05	2,245	
33.	Electrical Workers	1,108		2,666,513	2,772,281	2,407	1.04	2,502	
34.	Machinists	5,168		11,876,379	12,857,092	2,298	1.08	2,488	
35.	Moulders	122		268,168	300,975	2,198	1.12	2,467	
36.	Pipe Fitters and Sheet Metal Workers	1,371		3,061,146	3,358,249	2,233	1.10	2,442	
37.	Helpers to Mechanics	9,052		21,117,906	18,301,395	2,333	0.87	2,022	
38.	Helper Apprentices	38		58,470	48,225	1,539	0.82	1,269	
39.	Regular Apprentices	2,334		5,190,253	4,460,906	2,224	0.86	1,911	

40. Car Cleaners	1,946		4,712,391	3,337,292	2,422	0.71	1,715
41. Other Unskilled Employees	4,968		11,879,463	8,494,797	2,391	0.72	1,710
42. Unclassified Labourers	3,089		7,056,760	4,856,575	2,284	0.69	1,572
43. Stationary Engineers, Firemen and Oilers	801		2,078,185	1,799,962	2,594	0.87	2,247
Total	(Daily basis)	2,617	D 823,695	8,270,653	D 315	D 10.04	3,160
	(Hourly basis)	42,101	98,541,923	89,917,287	2,356	0.91	2,136
	Total	44,718	-	98,187,920	-	-	2,196
TRANSPORTATION							
44. Inspectors and Sergeants of Police	212	D	65,628	648,321	D 310	D 9.88	3,058
45. Constables and Policemen	736	D	250,417	1,767,484	D 313	D 7.67	2,401
46. Storekeepers	252	D	78,391	697,061	D 311	D 8.89	2,766
47. Storemen	2,124		4,832,055	3,788,354	2,275	0.78	1,784
48. Train Despatchers and Traffic Supervisors	682		1,547,007	2,437,232	2,518	1.58	3,012
49. Supervisory Agents and Assistants	537		1,376,322	1,639,991	2,563	1.19	3,054
50. Station Agents, Non-telegraphers (small station)	147		370,103	260,341	2,518	0.70	1,771
51. Station Agents, Telegraphers and Telephoners	5,795		15,185,662	15,394,361	2,620	1.01	2,656
52. Signalmen (non-telegraphers) at Interlockers	242		307,990	323,397	2,512	0.86	2,165
53. Foremen in Freight Sheds	575		1,431,485	1,424,174	2,490	0.99	2,477
54. Freight Handlers and other Station Employees	7,216		17,786,435	14,206,604	2,465	0.80	1,969
55. Labourers	1,106		2,777,031	2,033,158	2,511	0.73	1,838
56. Dining Car and Restaurant Inspectors, Conductors & Stewards	376	D	122,772	1,023,388	D 327	D 8.54	2,722
57. Dining Car and Restaurant Helpers and Attendants	2,392	D	771,517	4,167,823	D 323	D 5.40	1,742
58. News Agents	200	D	58,760	389,229	D 294	D 6.62	1,946
59. Floating Equipment Employees	805		2,270,236	1,588,805	2,820	0.70	1,974
60. Sleeping and Parlour Car Inspectors and Conductors	255	D	85,382	710,200	D 335	D 8.52	2,785
61. Sleeping and Parlour Car Porters	1,295	D	432,221	2,241,260	D 334	D 5.19	1,731
62. Drawbridge Operators	106		267,022	233,786	2,519	0.88	2,206
63. Signalmen or Watchmen at Crossings, non-interlocked	579		1,461,359	979,175	2,524	0.87	1,691
64. Yardmasters and Assistants	703	D	217,338	2,511,350	D 307	D 11.58	3,582
65. Switch Tenders	394	D	134,145	939,260	D 340	D 7.00	2,384
66. Hostlers	639	D	217,440	1,679,163	D 340	D 7.72	2,628
67. Road Passenger Conductors	827		2,075,915	3,455,560	2,510	1.66	4,178
68. Road Freight Conductors	2,483		7,535,555	10,433,041	2,322	1.40	3,958
69. Road Passenger Brakemen, Baggage-men and Flagmen	1,866		4,560,248	5,945,369	2,444	1.30	3,186
70. Road Freight Brakemen and Flagmen	6,323		15,447,039	18,018,171	2,443	1.17	2,850
71. Yard Conductors and Yard Foremen	1,868		5,003,516	5,735,098	2,679	1.15	3,070
72. Yard Brakemen and Helpers	4,042		10,472,940	11,311,715	2,591	1.08	2,799
73. Road Passenger Engineers and Motormen	997		2,305,011	4,973,980	2,312	2.16	4,989
74. Road Freight Engineers and Motormen	3,666		9,487,422	14,787,644	2,588	1.56	4,034
75. Yard Engineers and Motormen	1,613		4,942,707	5,816,011	3,064	1.18	3,000
76. Road Passenger Firemen and Helpers	1,000		2,200,322	3,953,060	2,238	1.77	3,959
77. Road Freight Firemen and Helpers	3,964		9,428,979	11,744,898	2,379	1.25	2,963
78. Yard Firemen and Helpers	1,645		4,920,253	4,773,688	2,391	0.97	2,902
Total	(Daily basis)	7,459	D 2,414,371	16,777,969	D 324	D 6.95	2,249
	(Hourly basis)	50,354	128,396,100	145,668,613	2,550	1.13	2,893
	Total	57,813	-	162,446,582	-	-	2,810
79. Express Department	4,247	D	1,364,293	9,655,273	D 321	D 7.08	2,273
80. Communication Department	7,360		17,734,333	14,984,076	2,403	0.84	2,030
81. Employees Engaged in Outside Operations	6,529		16,365,853	11,732,872	2,507	0.72	1,797
GRAND TOTAL	(Daily basis)	40,932	D 12,776,594	99,709,099	D 312	D 7.80	2,436
	(Hourly basis)	143,483	352,465,297	330,134,043	2,456	0.94	2,301
	Total - 1947 (2)	184,415	-	429,843,142	-	-	2,551
82. Total number of Female Employees (monthly average)	10,376		-	-	-	-	-
83. Total pay roll charged to operating expenses	-		-	391,621,188	-	-	-
84. Pullman, Bridge and Tunnel Companies (Daily basis)	149	D	54,453	426,734	D 365	D 7.84	2,864
	(Hourly basis)	90	252,732	200,420	2,808	0.79	2,227
	Total	239	-	627,154	-	-	2,624

IN SENATE

JANUARY 15, 1907

REPORT OF THE

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THE STATE OF NEW YORK

FOR THE YEAR

ENDING DECEMBER 31, 1906

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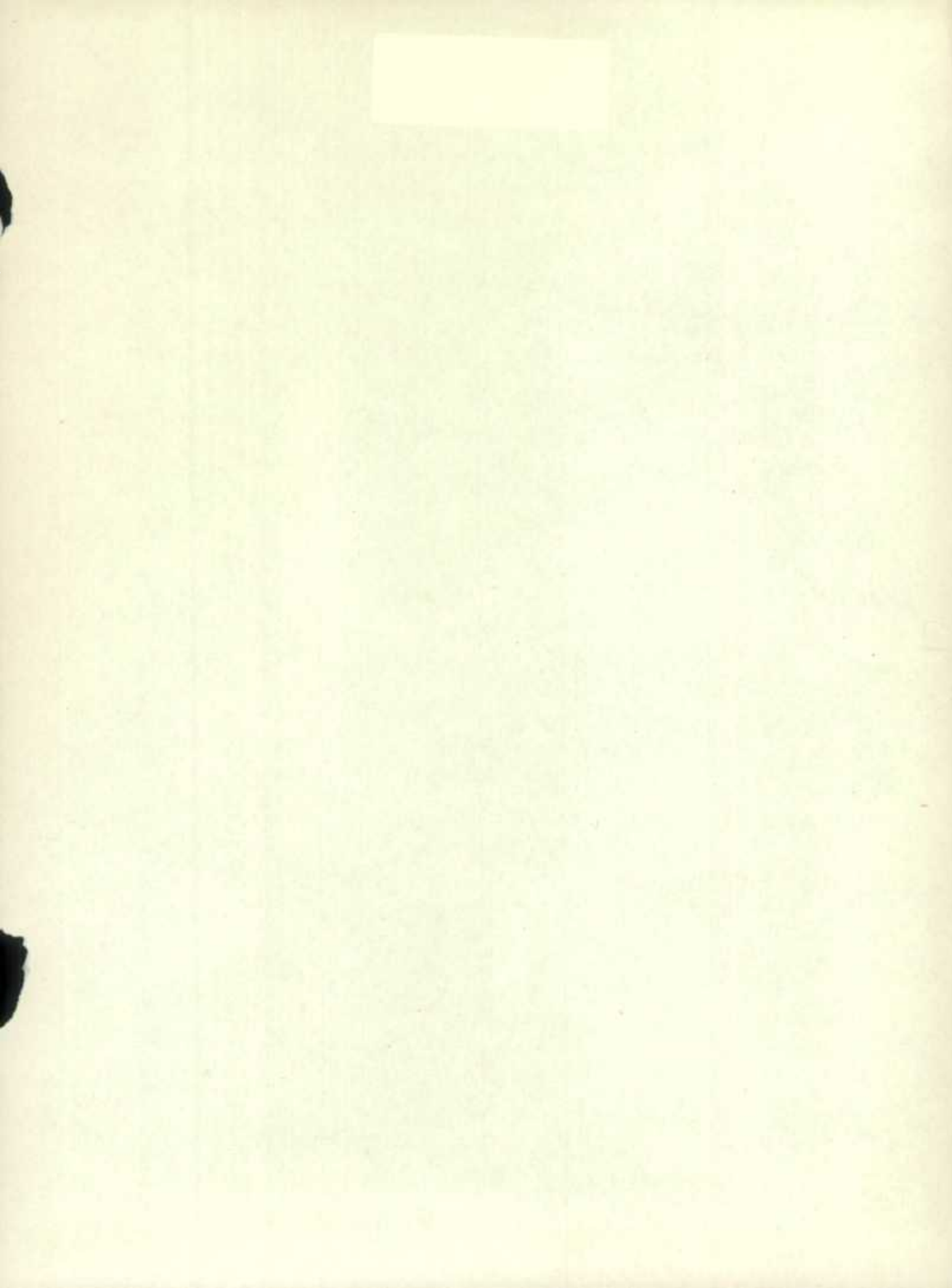
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