CANADA

DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

TRANSPORTATION BRANCH

PRELIMINARY REPORT

on

STATISTICS OF STEAM RAILWAYS

in

CANADA

1929

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DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

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PRELIMINARY REPORT

ON

STATISTICS OF STEAM RAILWAYS

1929

The small crop of western grain in 1929 and the decrease in shipments, resulting from both the light crop and the condition of the world market coupled with depressions in other industries, had a marked effect on the business done by the Canadian railways and on the gross and net revenues earned. Gross revenues, amounting to $534,106,044, were less than the 1928 revenues by $29,626,215, or 5.3 per cent, and with operating expenses reduced by only $9,624,158, the net operating revenue was less than for 1928 by $20,002,057, or 16.5 per cent.

The heavy traffic of 1928 continued through the first part of 1929 and new high records were made each month for January - August, but when the new grain began to move, in September, traffic fell off rapidly and continued light to the end of the year, so that, from an increase at the end of August of 9 per cent, the total at the end of the year was less than for 1928 by 3 per cent.

The estimated crops of Manitoba, Saskatchewan and Alberta were as follows:

	1928 Bushels	1929 Bushels
Wheat	544,598,000	276,664,000
Oats	297,676,000	141,620,000
Barley	112,684,000	79,787,000
Rye	13,158,000	11,982,000
Flaxseed	3,519,400	1,970,000
Total	971,635,400	512,023,000

The 1929 wheat crop was only slightly over half of the 1928 crop and, after making deductions for seed, feed, loss, etc., the quantity available for shipment would be less than half of the 1928 tonnage. The large carry-over from 1928 helped to maintain the tonnage for the first eight months, but the October shipments were only about one-third of those for October, 1928, and for November they dropped to less than one-fifth. For the four months, September - December, the total tonnage of wheat loaded at Canadian stations in 1929 amounted to only 4,168,124 tons as against 11,647,153 tons in 1928 and other grains showed somewhat similar decreases. Hay and straw were also light but potatoes increased by 51,557 tons. Bituminous coal, both loaded at Canadian mines and imported, showed large increases, the total tonnage being heavier than in 1928 by 1,104,621 tons, or 8.3 per cent, and coke was also heavier. Iron ore, other ores and concentrates and base bullion and matte all showed large increases. Clay, gravel, sand and crushed stone increased by 1,235,599 tons, or 15.8 per cent, asphaltum was heavier by 109,258 tons, or 29.5 per cent, pulpwood decreased by 1,139,264 tons but paper increased by 346,215 tons, and iron, pig and bloom, and bar and sheet iron, etc. also showed substantial increases. Although the decrease in total freight carried was only 3 per cent, the decrease in ton miles was 16 per cent and passenger traffic also decreased 4 per cent in passengers carried and 8 per cent in passenger miles.

With these decreases in traffic, both gross and net railway operating revenues decreased and after paying dividends and making deductions for reserves, etc., a debit balance of $32,122,402 was carried to profit and loss as against a debit of $9,192,149 the previous year. The interest charges for the year amounted to $101,088,476 including $32,690,545 accruing on Dominion Government advances to the Canadian National System. Dividends declared amounted to $35,087,201, of which the Canadian Pacific paid $34,276,904. The Canada Southern operated by the Michigan Central, the Wabash and other United States railways operating in Canada do not declare dividends on the Canadian portions of their systems.

During the year there was a net increase in the miles of road operated of 386 miles and in total track mileage of 411 miles. A total of 477 miles of new road was opened for operation, 672 miles were completed but not opened for traffic and 552.7 miles were under construction. This was exclusive of the Hudson Bay Railway which was not open for general traffic. 505

There were several changes during the year; the Northern Alberta railway, which is controlled jointly by the Canadian National and the Canadian Pacific railways, was organized by the consolidation of the Alberta and Great Waterways, Central Canada, Edmonton, Dunvegan and British Columbia and Pembina Valley railways and the statistics of the constituent roads are shown for January - June and for the Northern Alberta for July - December. The Canadian National System purchased and took over the Kent Northern on September 1st, the Atlantic, Quebec and Western and Quebec Oriental railways on June 1st and the Quebec, Montreal and Southern on August 1st. Also, the Inverness railway and the St. John and Quebec, which had been operated under lease, were purchased. The Lacombe and North Western which does not appear in this year's report, was acquired by the Canadian Pacific in March, 1928. Some adjustments in the investment accounts were necessary on account of these purchases. Some of the securities which had been guaranteed by the province of Alberta for the constituent lines of the Northern Alberta Railways were assumed by the province and consequently are no longer railway liabilities. Similarly the bonds of the St. John and Quebec Railway were eliminated from the table of guaranteed bonds.

The average number of employees was 187,846, which was an increase over the 1928 average of 138, and the total pay roll amounted to $290,732,500, of which $260,903,331 was charged to operating expenses as against $287,775,315 and $264,669,151, respectively, in 1928. Employees on hourly rates of pay, other than outside operations, earned an average of 75.1 cents per hour as against an average of 75.6 cents in 1928. Changes in rates of pay and also changes in the relative number of employees at each rate affect these averages and consequently a decrease or an increase in these weighted averages does not necessarily mean a corresponding change in rates of pay.

The number of passenger train cars was increased by 131 during the year and freight cars increased by 728 in number and .9 ton in average capacity. The number of locomotives in service decreased by 138 but increased in both average and aggregate tractive power.

Locomotives consumed 9,628,711 tons of bituminous coal, 11,409 tons of anthracite coal, 63,796,548 gallons of oil and 35,683 cords of wood; converting the oil and wood to equivalent quantities of coal according to thermal values makes a total of 10,057,673 tons of coal with an average cost of $4.49 per ton. This was the lowest average cost for fuel since 1917 and was a saving of 10 cents per ton under the 1928 cost. Although there was a slight increase in the consumption per locomotive mile compared with 1928, the fuel cost per mile for each class of service was less.

During the year 20 passengers, 104 employees, 148 trespassers, 139 non-trespassers and one of the class-"postal clerk, express messenger, pullman employee, etc." were killed in train accidents and 19 persons were killed in accidents other than train accidents, making a total of 431 persons killed. The number of persons injured in train accidents was 3,144, including 406 passengers,

2,028 employees, 177 trespassers, 497 non-trespassers, 36 postal clerks, express messengers, etc. and 10,699 persons were injured in non-train accidents, the majority of which were trackmen and shopmen. The passengers killed and injured averaged approximately one killed in two million and one injured in one hundred thousand passengers carried and one killed for each 145 million passenger miles and one injured for each 71 million passenger miles. Of the total of 412 persons killed in train accidents, 128 were killed at highway crossings, including 102 persons riding in motor vehicles, 6 persons riding in other vehicles, 19 pedestrians and one employee. According to preliminary vital statistics, there were 1,294 persons killed in all classes of motor vehicle accidents in Canada during 1929 including accidents involving motor vehicles and trains. Consequently the 102 deaths caused by trains and motor vehicles colliding at level crossings constituted almost 8 per cent of the total. There were also 404 motorists injured at highway crossings but there are no statistics at present available showing the total number of persons injured in all motor vehicle accidents. There were also 52 other persons injured at highway crossings, including 6 employees, 25 pedestrians and 21 persons riding in other vehicles. Accidents at unprotected crossings were responsible for 75 per cent of the fatalities and 90 per cent of the injuries, but 3 motorists and 3 pedestrians were killed at crossings protected by gates and 16 motorists, 2 persons riding in other vehicles and 4 pedestrians were killed at crossings protected by bells, 16 of the latter being rural crossings. The number of persons injured at all protected crossings was 77, including 51 motorists, 8 persons in other vehicles, 15 pedestrians and 3 employees, 13 pedestrians being injured at crossings protected by gates. At December 31st there were 4,921 urban highway crossings, of which 1,338 were protected, and 26,418 rural highway crossings, of which 1,230 were protected. These include 224 highway crossings of Canadian railways in the United States.

The tables show statistics of the Canadian National System in Canada, separating the Eastern Lines as defined by the Maritime Freight Rates Act, and, at the bottom of the tables, data for the entire system including all lines in Canada and lines in the United States. These tables do not treat as a credit the contribution by the Dominion Government to meet the deficit of the Eastern Lines, but do include as revenue the contribution by the Dominion Government to offset differences due to the reduction in freight rates ordered by the Maritime Freight Rates Act on all railways operating in the territory affected by the Act.

17/10/30/GA

INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1929

NO.	Name of Railway	Total Operating Revenues	Total Operating Expenses
		$	$
1.	Alberta and Great Waterways	159,466.24	131,079.67
2.	Algoma Central and Hudson Bay	2,009,835.15	1,928,689.80
3.	Algoma Eastern	1,068,044.04	596,552.73
4.	Alma and Jonquiere	95,465.86	88,938.43
5.	Atlantic, Quebec and Western	92,978.17	99,865.12
6.	Brandon, Saskatchewan and Hudson Bay	81,951.25	166,784.59
7.	British Yukon	207,692.74	128,223.84
8.	Canada and Gulf Terminal	128,520.06	97,277.79
9.	Canada Southern	25,082,685.01	15,248,455.14
10.	Canadian National	217,604,468.81	183,408,504.36
11.	Eastern Lines	30,618,007.22	33,815,382.30
12.	Total	248,222,476.03	217,223,886.66
13.	Canadian Pacific	211,635,660.97	164,304,606.56
14.	Central Canada	49,811.86	75,146.75
15.	Central Vermont	266,998.46	261,816.56
16.	Crow's Nest Southern	152,774.48	120,495.61
17.	Cumberland	220,856.07	152,219.86
18.	Dominion Atlantic	1,937,278.37	1,807,401.63
19.	Eastern British Columbia	62,664.96	64,068.93
20.	Edmonton, Dunvegan & British Columbia	792,334.20	440,328.43
21.	Esquimalt and Nanaimo	1,689,899.51	1,011,450.00
22.	Essex Terminal	470,255.51	289,976.04
23.	Fredericton & Grand Lake Coal & Railway Co.	110,630.82	70,648.07
24.	Greater Winnipeg Water District	93,613.53	97,914.95
25.	Kettle Valley	2,326,811.16	1,695,354.96
26.	Maine Central	14,098.98	18,948.08
27.	Maritime Coal Railway and Power Co.	111,367.69	76,012.53
28.	Midland Railway of Manitoba	472,238.97	418,620.44
29.	Montreal and Atlantic	1,852,181.47	1,697,465.92
30.	Morrissey, Fernie and Michel	128,726.38	107,535.73
31.	Napierville Junction	681,226.72	537,259.94
32.	Nelson and Fort Sheppard	78,978.31	107,852.51
33.	New Brunswick Coal and Railway Company	51,027.68	68,643.70
34.	NipissingCentral	207,080.29	202,615.17
35.	Northern Alberta	1,217,929.84	775,770.42
36.	Ottawa and New York	285,624.50	341,239.93
37.	Pacific Great Eastern	561,274.79	617,119.35
38.	Pembina Valley	7,950.73	14,784.44
39.	Pere Marquette	5,765,734.32	3,270,155.46
40.	Quebec Central	3,250,450.08	2,409,164.72
41.	Quebec, Montreal and Southern	304,106.11	313,041.47
42.	Quebec Oriental	126,962.27	107,549.44
43.	Quebec Railway Light and Power Company	710,848.83	524,327.78
44.	Roberval and Saguenay	509,530.14	296,556.50
45.	Rutland and Noyan	4,499.34	6,906.94
46.	St. Lawrence and Adirondack	1,013,853.61	934,227.14
47.	Sydney and Louisburg	1,679,686.59	1,219,940.46
48.	Temiscouata	366,781.89	291,003.33
49.	Temiskaming and Northern Ontario	4,956,783.82	3,649,496.23
50.	Thousand Islands	91,732.26	80,928.88
51.	Toronto, Hamilton and Buffalo	4,065,629.62	2,445,802.40
52.	Vancouver, Victoria and Eastern	707,763.74	630,538.35
53.	Wabash (in Canada)	7,923,271.21	5,812,423.16
	Total	534,106,044.63	433,077,112.54
	Canadian National (Canadian & United States)	290,496,979.95	248,632,274.71

INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1929

NO.	Net Operating Revenue	Railway Tax Accruals	Uncollectable Railway Revenue	Net Operating Income
	$	$	$	$
1.	28,386.57	2,766.00	...	25,620.57
2.	81,145.35	42,964.19	...	38,181.16
3.	471,491.31	2,318.20	...	469,173.11
4.	6,527.43	747.20	...	5,780.23
5.	- 6,886.95	1,415.33	...	- 8,302.28
6.	- 84,833.34	1,455.94	...	- 86,289.28
7.	79,468.90	8,753.10	...	70,715.80
8.	31,242.27	1,713.98	...	29,528.29
9.	9,834,229.87	783,283.76	272.41	9,050,673.70
10.	34,195,964.45	3,362,461.72	32,504.66	30,800,998.07
11.	- 3,197,375.08	284,613.64	2,161.70	- 3,484,150.42
12.	30,998,589.37	3,647,075.36	34,666.36	27,316,847.65
13.	47,331,054.41	5,089,081.53	...	42,241,972.88
14.	- 25,334.89	570.00	...	- 25,904.89
15.	5,181.90	2,104.08	26.59	3,051.23
16.	32,278.87	8,260.10	...	24,018.77
17.	68,636.21	3,000.00	...	65,636.21
18.	129,876.74	19,808.75	...	110,067.99
19.	- 1,403.97	2,993.80	...	- 4,397.77
20.	352,005.77	5,352.00	...	346,653.77
21.	678,449.51	76,542.19	...	601,907.32
22.	180,279.47	26,156.10	...	154,123.37
23.	39,982.75	3,150.00	...	36,832.75
24.	- 4,301.42	...	...	- 4,301.42
25.	631,456.20	76,689.08	...	554,767.12
26.	- 4,849.10	702.03	...	- 5,551.13
27.	35,355.16	735.89	...	34,619.27
28.	53,618.53	45,000.11	...	8,618.42
29.	154,715.55	21,694.62	...	133,020.93
30.	21,190.65	253.00	...	20,937.65
31.	143,966.78	6,800.00	...	137,166.78
32.	- 28,874.20	12,571.39	...	- 41,445.59
33.	- 17,616.02	2.10	...	- 17,618.12
34.	4,465.12	589.39	...	3,875.73
35.	442,159.42	9,647.20	...	432,512.22
36.	- 55,615.43	14,052.03	...	- 69,667.46
37.	- 55,844.56	...	8.75	- 55,853.31
38.	- 6,833.71	...	...	- 6,833.71
39.	2,495,578.86	88,786.59	193.08	2,406,599.19
40.	841,285.36	55,216.64	...	786,068.72
41.	- 8,935.36	6,800.00	...	- 15,735.36
42.	19,412.83	1,525.18	...	17,887.65
43.	186,521.05	14,615.87	...	171,905.18
44.	212,973.64	5,699.48	...	207,274.16
45.	- 2,407.60	26.93	...	- 2,434.53
46.	79,626.47	3,239.65	...	76,386.82
47.	459,746.13	4,409.80	...	455,336.33
48.	75,778.56	6,727.91	...	69,050.65
49.	1,307,287.59	...	...	1,307,287.59
50.	10,803.38	549.67	...	10,253.71
51.	1,619,827.22	156,933.83	40.77	1,462,852.62
52.	77,225.39	128,201.35	...	- 50,975.96
53.	2,110,848.05	3,705.96	...	2,107,142.09
	101,028,932.09	10,394,687.31	35,207.96	90,599,036.82
	41,864,705.24	5,442,793.63	51,813.34	36,370,098.27

Note: Debit items marked (-)

INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1929.

NO.	Name of Railway	Net Income from Outside Operations	Total Non-operating Income
		$	$
1.	Alberta and Great Waterways	- 1,074.57	15,658.29
2.	Algoma Central and Hudson Bay	...	220,092.69
3.	Algoma Eastern	...	38,162.38
4.	Alma and Jonquiere	...	1,021.34
5.	Atlantic, Quebec and Western	...	3,027.74
6.	Brandon, Saskatchewan and Hudson Bay	...	7,064.11
7.	British Yukon	...	15,965.00
8.	Canada and Gulf Terminal	...	5,507.51
9.	Canada Southern	...	244,073.90
10.	Canadian National	- 1,091,053.22	16,434,338.23
11.	Eastern Lines	2,478.67	334,043.27
12.	Total	- 1,088,574.55	16,768,381.50
13.	Canadian Pacific	4,478,954.57	12,495,250.54
14.	Central Canada	2,278.93	1,400.09
15.	Central Vermont	...	30,078.36
16.	Crow's Nest Southern	...	35,975.25
17.	Cumberland	...	...
18.	Dominion Atlantic	58,902.13	1,033.05
19.	Eastern British Columbia	...	4,200.00
20.	Edmonton, Dunvegan and British Columbia	4,940.78	26,535.61
21.	Esquimalt and Nanaimo	...	...
22.	Essex Terminal	...	21,506.64
23.	Fredericton & Grand Lake Coal & Railway Co.	...	...
24.	Greater Winnipeg Water District	...	8,474.00
25.	Kettle Valley	...	170,761.10
26.	Maine Central	...	141.20
27.	Maritime Coal Railway and Power Co.	...	...
28.	Midland Railway of Manitoba	...	43,457.92
29.	Montreal and Atlantic	...	1,400.00
30.	Morrissey, Fernie and Michel	...	...
31.	Napierville Junction	...	4,030.65
32.	Nelson and Fort Sheppard	...	8,493.15
33.	New Brunswick Coal and Railway Company	...	...
34.	Nipissing Central	...	155.10
35.	Northern Alberta	- 3,794.37	233,254.61
36.	Ottawa and New York	...	5,099.90
37.	Pacific Great Eastern	...	51,265.39
38.	Pembina Valley	421.71	2,534.00
39.	Pere Marquette	...	166,897.38
40.	Quebec Central	...	21,109.00
41.	Quebec, Montreal and Southern	...	78,785.61
42.	Quebec Oriental	...	2,553.49
43.	Quebec Railway Light and Power Company	...	...
44.	Roberval and Saguenay	...	6,411.59
45.	Rutland and Noyan	...	4,000.00
46.	St. Lawrence and Adirondack	...	1,238.52
47.	Sydney and Louisburg	...	...
48.	Temiscouata	...	2,727.19
49.	Temiskaming and Northern Ontario	...	36,438.54
50.	Thousand Islands	...	691.43
51.	Toronto, Hamilton and Buffalo	...	271,846.09
52.	Vancouver, Victoria and Eastern	...	361,174.43
53.	Wabash (in Canada)	...	...
	Total	3,452,054.63	31,417,924.29
	Canadian National (Canadian & United States)	- 1,088,574.55	10,579,151.47

Note: Debit items marked (-)

INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1929.

NO.	Gross Corporate Income	Interest on Funded and Unfunded debt	All Other Non-operating Expenses	Total Non-operating Expenses	Net Corporate Income
	$	$	$	$	$
1.	40,204.29	384,673.61	15,763.12	400,436.73	- 360,232.44
2.	258,273.85	504,000.00	256,565.00	760,565.00	- 502,291.15
3.	507,335.49	111,325.00	136,408.07	247,733.07	259,602.42
4.	6,801.57	...	5,706.30	5,706.30	1,095.27
5.	- 5,274.54	95,805.73	13,855.80	109,661.53	- 114,936.07
6.	- 79,225.17	...	13,231.88	13,231.88	- 92,457.05
7.	86,680.80	85,995.52	...	85,995.52	685.28
8.	35,035.80	57,000.00	8,550.00	65,550.00	- 30,514.20
9.	9,294,747.60	...	3,239,529.58	3,239,529.58	6,055,218.02
10.	46,144,283.08	79,168,595.66	7,909,681.59	87,078,277.25	- 40,933,994.17
11.	- 3,147,628.48	1,045,230.46	972,396.70	2,017,627.16	- 5,165,255.64
12.	42,996,654.60	80,213,826.12	8,882,078.29	89,095,904.41	- 46,099,249.81
13.	59,216,177.99	13,389,117.67	3,599,298.99	16,988,416.66	42,227,761.33
14.	- 22,225.87	103,124.78	17,079.17	120,203.95	- 142,429.82
15.	33,129.59	49,989.50	17,770.15	67,759.65	- 34,630.06
16.	59,994.02	...	23,933.20	23,933.20	36,060.82
17.	65,636.21	...	4,386.93	4,386.93	61,249.28
18.	170,003.17	239,926.67	227,492.22	467,418.89	- 297,415.72
19.	- 197.77	...	4,918.54	4,918.54	- 5,116.31
20.	378,130.16	410,357.78	70,154.24	480,512.02	- 102,381.86
21.	601,907.32	289,740.19	133,964.14	423,704.33	178,202.99
22.	175,630.01	21,000.00	...	21,000.00	154,630.01
23.	36,832.75	...	63,809.05	63,809.05	- 26,976.30
24.	4,172.58	...	4,291.41	4,291.41	- 118.83
25.	725,528.22	623,400.00	185,803.96	809,203.96	- 83,675.74
26.	- 5,409.93	2,865.84	186.82	3,052.66	- 8,462.59
27.	34,619.27	27,900.00	8,203.00	36,103.00	- 1,483.73
28.	52,076.34	...	133,512.01	133,512.01	- 81,435.67
29.	134,420.93	52,650.00	71,596.96	124,246.96	10,173.97
30.	20,937.65	...	508.43	508.43	20,429.22
31.	141,197.43	7.49	69,732.27	69,739.76	71,457.67
32.	- 32,952.44	...	8,168.34	8,168.34	- 41,120.78
33.	- 17,618.12	...	8,899.32	8,899.32	- 26,517.44
34.	4,030.83	...	16,548.69	16,548.69	- 12,517.86
35.	661,972.46	559,293.72	106,390.31	665,684.03	- 3,711.57
36.	- 64,567.56	...	74,575.11	74,575.11	- 139,142.67
37.	- 4,587.92	2,635,080.74	128,592.64	2,763,673.38	- 2,768,261.30
38.	- 3,878.00	...	3,249.64	3,249.64	- 7,127.64
39.	2,573,496.57	135,000.00	1,362,447.96	1,497,447.96	1,076,048.61
40.	807,177.72	315,960.92	120,210.93	436,171.85	371,005.87
41.	63,050.25	103,348.19	3,603.16	106,951.35	- 43,901.10
42.	20,441.14	43,241.55	9,844.36	53,085.91	- 32,644.77
43.	171,905.18	...	...	...	171,905.18
44.	213,685.75	138,118.93	6,596.29	144,715.22	68,970.53
45.	1,565.47	4,000.00	28.01	4,028.01	- 2,462.54
46.	77,675.34	49,007.55	243,631.66	292,639.21	- 214,963.87
47.	455,336.33	...	26,761.12	26,761.12	428,575.21
48.	71,777.84	40,516.39	21,261.45	61,777.84	10,000.00
49.	1,343,726.13	179,587.44	184,165.51	363,752.95	979,973.18
50.	10,945.14	...	2,408.30	2,408.30	8,536.84
51.	1,734,698.71	222,615.61	70,853.94	293,469.55	1,441,229.16
52.	310,198.47	...	265,744.93	265,744.93	44,453.54
53.	2,107,142.09	...	517,914.07	517,914.07	1,589,228.02
	125,469,015.74	101,088,476.94	20,390,225.27	121,478,702.21	3,990,313.53
	45,860,675.19	81,018,199.11	10,941,725.89	91,959,925.00	- 46,099,249.81

Note: Debit items marked (-)

MILEAGE OPERATED
TRAIN MILEAGE FOR THE YEAR ENDED DECEMBER 31, 1929

NO.	Name of Railway	Miles of Road Operated	Mileage of Revenue Freight Trains	Mileage of Revenue Passenger Trains
1.	Alberta and Great Waterways	...	344	...
2.	Algoma Central and Hudson Bay	323.84	300,634	114
3.	Algoma Eastern	88.52	69,732	416
4.	Alma and Jonquiere	10.60	...	...
5.	Atlantic, Quebec and Western	...	18,036	21,915
6.	Brandon, Saskatchewan & Hudson Bay	84.75	18,102	53,037
7.	British Yukon	90.32	...	6,410
8.	Canada and Gulf Terminal	38.10	...	...
9.	Canada Southern	381.04	1,896,488	2,572,864
10.	Canadian National	18,231.00	24,302,790	19,260,665
11.	Eastern Lines	3,332.54	4,124,299	3,559,397
12.	Total	21,563.54	28,427,089	22,820,062
13.	Canadian Pacific	14,812.00	24,996,216	20,145,028
14.	Central Canada	...	14,028	10,296
15.	Central Vermont	25.33	29,720	75,392
16.	Crow's Nest Southern	53.32	21,195	7,332
17.	Cumberland	31.29	3,150	478
18.	Detroit River Tunnel	3.26	...	...
19.	Dominion Atlantic	304.54	156,404	291,555
20.	Eastern British Columbia	13.04	...	...
21.	Edmonton, Dunvegan & British Columbia	...	103,886	47,460
22.	Esquimalt and Nanaimo	209.70	201,186	176,463
23.	Essex Terminal	21.44	19,958	...
24.	Fredericton & Grand Lake Coal & Railway Co.	31.10	...	...
25.	Greater Winnipeg Water District	92.00	...	...
26.	International Bridge and Terminal Co.	1.06	...	...
27.	Kettle Valley	404.66	263,628	221,527
28.	Maine Central	5.10	2,099	10
29.	Maritime Coal Railway & Power Company	16.40	6,675	...
30.	Midland Railway of Manitoba	75.76	49,044	97,555
31.	Montreal and Atlantic	184.60	312,148	305,776
32.	Morrissey, Fernie and Michel	5.37	...	...
33.	Napierville Junction	43.04	34,278	124,938
34.	Nelson and Fort Sheppard	60.79	18,383	7,815
35.	New Brunswick Coal and Railway Co.	59.20	...	...
36.	Nipissing Central	59.74	1,476	45,379
37.	Northern Alberta	862.03	139,189	59,070
38.	Ottawa and New York	58.77	36,911	77,220
39.	Pacific Great Eastern	348.10	32,743	9,850
40.	Pembina Valley	...	...	...
41.	Pere Marquette	336.88	992,750	138,023
42.	Quebec Central	357.82	249,348	313,180
43.	Quebec, Montreal and Southern	...	16,721	26,041
44.	Quebec Oriental	...	24,571	23,314
45.	Quebec Railway Light and Power Co.	25.55	35,028	18,889
46.	Roberval and Saguenay	41.82	30,396	23,203
47.	Rutland and Noyan	3.36	1,587	...
48.	St. Lawrence and Adirondack	60.26	76,200	180,006
49.	Sydney and Louisburg	76.53	125,719	31,962
50.	Temiscouata	113.00	41,614	50,706
51.	Temiskaming and Northern Ontario	388.50	616,304	628,865
52.	Thousand Islands	6.92	4,132	31,548
53.	Toronto, Hamilton and Buffalo	111.03	161,546	169,929
54.	Van Buren Bridge Company	.36	...	...
55.	Vancouver, Victoria and Eastern	250.97	31,661	79,498
56.	Wabash(in Canada)	245.40	1,691,354	183,332
	Total	42,380.75	61,271,673	49,076,458
	Canadian National (Can. & U.S.)	22,903.90	33,009,191	25,322,559

MILEAGE OPERATED
TRAIN MILEAGE FOR THE YEAR ENDED DECEMBER 31, 1929

NO.	Mileage of Revenue Mixed Trains # Freight	Mileage of Revenue Mixed Trains # Passenger	Special Revenue Train Mileage	Total Revenue Train Mileage	Mileage of Non-revenue Trains
1.	17,814	5,482	...	23,640	1,530
2.	139,165	45,160	356	485,429	71,606
3.	26,140	28,148	1,122	125,558	...
4.	...	...	...	...	...
5.	...	...	...	39,951	1,144
6.	...	...	276	71,415	649
7.	22,930	14,054	221	43,615	1,910
8.	11,128	6,676	...	17,804	...
9.	74,537	12,937	...	4,556,826	67,515
10.	2,096,051	461,044	27,617	46,148,167	2,519,542
11.	699,545	244,383	1 979	8,629,603	292,599
12.	2,795,596	705,427	29,596	54,777,770	2,812,141
13.	1,885,327	405,891	32,190	47,464,652	1,360,138
14.	...	...	...	24,324	198
15.	...	...	25	105,137	...
16.	...	...	52	28,579	538
17.	18,922	7,358	...	29,908	...
18.	...	...	...	...	...
19.	140,815	29,190	605	618,569	25,440
20.	6,806	1,094	1,688	9,588	25
21.	2,021	415	...	153,782	1,390
22.	...	...	82	377,731	9,104
23.	...	...	...	19,958	...
24.	20,239	2,413	...	22,652	...
25.	...	...	...	...	...
26.	...	...	...	...	...
27.	19,036	2,492	420	507,103	37,518
28.	3,160	986	...	6,255	...
29.	15,084	5,028	...	26,787	...
30.	...	...	...	146,599	132
31.	...	...	390	618,314	8,241
32.	24,659	7,500	...	32,159	...
33.	...	...	...	159,216	2,371
34.	...	...	...	26,198	1,838
35.	24,441	10,986	...	35,427	...
36.	25,005	1,690	72	73,622	4,992
37.	21,872	7,103	3,585	230,819	4,772
38.	...	...	...	114,131	3,997
39.	46,718	21,235	818	111,364	....
40.	2,051	653	...	2,704	...
41.	89,870	30,322	...	1,250,965	7,385
42.	144,343	51,595	...	758,466	3,149
43.	30,709	6,564	...	80,035	1,496
44.	...	...	...	47,885	900
45.	794	706	...	55,417	1,080
46.	12,736	5,771	45	72,151	9
47.	...	...	...	1,587	...
48.	...	...	165	256,371	4,561
49.	15,369	4,853	10,550	188,453	...
50.	11,784	8,248	...	112,352	8,622
51.	52,846	19,398	2,520	1,319,933	36,615
52.	...	...	...	35,680	6,600
53.	17,037	4,788	...	353,300	12,593
54.	...	...	...	...	...
55.	30,874	8,652	118	150,803	10,062
56.	...	...	...	1,874,686	...
	5,749,828	1,462,815	84,896	117,645,670	4,510,261
	2,894,884	742,290	35,493	62,004,417	2,894,242

Divided on car mileage basis.

TONS AND PASSENGERS CARRIED AND CAR MILEAGE FOR YEAR ENDED DECEMBER 31, 1929.

NO.	Name of Railway	Tons Carried	Tons Carried One Mile
1.	Alberta and Great Waterways	26,181	2,819,844
2.	Algoma Central and Hudson Bay	689,010	152,787,314
3.	Algoma Eastern	2,400,166	33,291,416
4.	Alma and Jonquiere	108,268	...
5.	Atlantic, Quebec and Western	60,828	2,272,733
6.	Brandon, Saskatchewan and Hudson Bay	24,628	864,666
7.	British Yukon	17,810	1,479,384
8.	Canada and Gulf Terminal	73,623	1,343,903
9.	Canada Southern	9,519,358	1,260,939,749
10.	Canadian National	48,113,990	14,620,471,248
11.	Eastern Lines	7,224,675	2,019,812,433
12.	Total	55,338,665	16,640,283,681
13.	Canadian Pacific	38,221,961	14,565,275,970
14.	Central Canada	29,975	2,281,877
15.	Central Vermont	513,912	14,255,746
16.	Crow's Nest Southern	276,220	14,451,096
17.	Cumberland	581,494	3,460,946
18.	Dominion Atlantic	428,812	31,756,051
19.	Eastern British Columbia	139,943	1,713,308
20.	Edmonton, Dunvegan and British Columbia	189,731	41,739,469
21.	Esquimalt and Nanaimo	1,600,009	46,399,080
22.	Essex Terminal	32,113	321,130
23.	Fredericton & Grand Lake Coal & Railway Co.	127,752	3,952,262
24.	Greater Winnipeg Water District	137,798	...
25.	Kettle Valley	1,613,326	118,204,993
26.	Maine Central	134,968	688,337
27.	Maritime Coal Railway and Power Company	169,251	1,643,352
28.	Midland Railway of Manitoba	149,451	11,153,958
29.	Montreal and Atlantic	1,633,112	84,416,271
30.	Morrissey, Fernie and Michel	423,472	2,269,415
31.	Napierville Junction	705,833	19,539,437
32.	Nelson and Fort Sheppard	46,671	1,982,816
33.	New Brunswick Coal and Railway Company	151,858	1,105,221
34.	Nipissing Central	112,461	2,764,533
35.	Northern Alberta	259,441	60,346,117
36.	Ottawa and New York	197,739	9,903,767
37.	Pacific Great Eastern	100,195	6,080,635
38.	Pembina Valley	7,944	182,906
39.	Pere Marquette	3,098,571	462,361,302
40.	Quebec Central	1,499,024	99,469,482
41.	Quebec, Montreal and Southern	278,943	11,518,388
42.	Quebec Oriental	54,817	3,749,176
43.	Quebec Railway Light and Power Company	409,491	6,096,822
44.	Roberval and Saguenay	517,721	8,602,821
45.	Rutland and Noyan	93,328	313,582
46.	St. Lawrence and Adirondack	1,128,287	36,441,052
47.	Sydney and Louisburg	5,197,055	65,811,505
48.	Temiscouata	269,837	6,404,258
49.	Temiskaming and Northern Ontario	1,393,446	257,212,372
50.	Thousand Islands	(x)	438,458
51.	Toronto, Hamilton and Buffalo	3,623,292	133,313,917
52.	Vancouver, Victoria and Eastern	384,951	12,383,516
53.	Wabash (in Canada)	3,662,409	779,807,399
	Total	137,855,151	35,025,895,433
	Canadian National (Canadian & United States)	68,479,553	19,575,522,129

(x) Included in Canadian National Railways.

TONS AND PASSENGERS CARRIED AND CAR MILEAGE FOR YEAR ENDED DECEMBER 31, 1929.

NO.	Passengers Carried	Passengers Carried One Mile	Freight Car Miles: Freight Loaded	Freight Car Miles: Freight Empty	Total Passenger Train Car Miles
1.	8,067	689,099	211,083	114,701	100,137
2.	49,992	3,052,420	4,074,207	2,502,006	548,605
3.	28,866	1,067,132	752,163	568,329	155,380
4.	...	...	...	...	...
5.	18,318	534,950	107,726	37,777	101,117
6.	18,424	624,900	67,767	42,287	109,004
7.	17,937	860,735	147,970	67,581	161,888
8.	44,810	760,878	78,461	42,119	18,866
9.	1,467,880	189,399,480	78,815,291	48,112,530	27,566,343
10.	14,938,227	1,082,223,259	684,690,495	303,480,042	145,282,328
11.	3,856,219	225,515,030	97,032,041	30,573,802	27,710,557
12.	18,794,446	1,307,738,289	781,722,536	334,053,844	172,992,885
13.	12,639,633	1,200,405,367	634,834,020	278,704,015	156,458,054
14.	11,445	431,768	126,543	52,809	48,411
15.	154,621	3,519,165	629,864	341,806	492,774
16.	4,228	141,461	324,212	298,995	14,918
17.	29,423	314,571	130,904	130,904	55,793
18.	362,701	14,893,670	2,568,557	1,213,133	2,119,895
19.	3,105	37,532	43,599	40,235	7,900
20.	41,107	4,982,701	2,197,410	978,493	524,280
21.	116,602	4,018,519	1,827,809	1,389,187	729,600
22.	...	...	213,535	185,625	...
23.	10,221	229,732	144,380	71,103	25,696
24.	9,395	505,254	...	...	...
25.	67,514	7,938,727	3,897,874	985,137	1,089,185
26.	4,380	22,338	28,802	17,648	7,404
27.	9,842	76,810	42,198	41,712	30,068
28.	49,387	2,804,148	641,099	545,656	699,117
29.	305,147	8,740,256	5,027,949	1,911,357	1,139,552
30.	93,300	501,021	61,645	61,645	7,500
31.	251,672	9,638,154	641,427	468,930	890,226
32.	9,865	227,623	81,285	45,852	12,356
33.	13,527	280,254	60,998	22,550	37,556
34.	64,444	2,069,607	207,097	86,320	240,943
35.	52,855	7,449,939	3,064,137	1,565,316	788,939
36.	92,018	2,412,013	384,836	395,120	238,822
37.	36,118	2,053,735	452,549	265,587	269,843
38.	1,421	31,291	10,656	4,000	5,408
39.	67,260	1,284,814	26,175,259	15,327,486	589,867
40.	538,878	20,178,525	4,418,832	2,384,168	1,939,617
41.	69,395	1,887,296	512,634	413,306	205,649
42.	15,674	777,474	177,202	46,090	100,478
43.	1,470,041	14,712,269	275,569	191,167	# 106,519
44.	25,692	435,471	268,499	171,905	93,634
45.	...	...	11,415	5,947	...
46.	684,077	13,663,458	1,328,170	1,277,821	822,687
47.	108,620	1,234,447	2,806,436	2,722,350	192,746
48.	41,878	1,235,648	359,334	236,805	194,236
49.	542,049	37,045,787	11,833,900	6,195,756	4,406,405
50.	14,964	107,741	21,492	6,600	31,548
51.	454,324	16,192,931	4,181,251	2,673,902	1,237,185
52.	122,805	3,790,799	620,652	381,356	498,718
53.	32,525	6,214,618	46,460,044	25,804,409	1,350,251
	39,070,893	2,897,214,817	1,623,071,278	733,203,377	379,458,005
	19,442,799	1,401,136,144	917,901,141	407,487,111	190,386,764

- Exclusive of 437,338 electric passenger car miles.

EMPLOYEES AND THEIR COMPENSATION

NO.	Division	Average Number of Employees
	GENERAL AND MISCELLANEOUS	
1.	Executives, general officers and assistants	889
2.	Division officers	1,187
3.	Assistant engineers and draftsmen	1,213
4.	Other miscellaneous officials	1,538
5.	Clerks	18,232
6.	Telephone switchboard operators	246
7.	Office boys, messengers, attendants and misc. trades workers	1,248
8.	Janitors and cleaners	1,439
	Total	25,997
	MAINTENANCE OF WAY AND STRUCTURES	
9.	Bridge and building department foremen	611
10.	Carpenters and bridgemen	3,156
11.	Blacksmiths, pipe fitters, plumbers, tinsmiths and pump repairers	309
12.	Masons, bricklayers, plasterers and painters	539
13.	Helpers, B. and B. department	456
14.	Apprentices, B. and B. department	42
15.	Pile driver, ditching, hoist and steam shovel employees	457
16	Pumpmen	720
17.	Extra gang and snow plough foremen	552
18.	Signal foremen	41
19.	Section foremen	6,268
20.	Sectionmen	19,365
21.	Labourers	15,590
22.	Foremen, linemen	105
23	Telegraph and telephone linemen and groundmen	362
24.	Signal and interlocker maintainers and repairmen	505
	Total	49,078
	MAINTENANCE OF EQUIPMENT	
25.	General foremen	64
26.	Department and gang foremen	2,392
27.	Blacksmiths	789
28.	Boilermakers	1,496
29.	Carmen (a)	2,847
30.	Carmen (b)	706
31.	Carmen (c)	8,163
32.	Carmen (d)	365
33.	Electrical workers	833
34.	Machinists	4,998
35.	Moulders	142
36.	Pipe fitters, and sheet metal workers	1,193
37.	Helpers to mechanics	8,373
38.	Helper apprentices	112
39.	Regular apprentices	1,626
40.	Car cleaners	1,702
41.	Other unskilled employees	4,259
42.	Unclassified labourers	3,688
43.	Stationary engineers, firemen and oilers	929
	Not distributed	...
	Total	44,677

EMPLOYEES AND THEIR COMPENSATION

No.	Total Days on Duty	Total Hours on Duty	Compensation: Total for Year	Compensation: Average Daily Compensation	Compensation: Average Hourly Compensation
			$	$	$
1.	266,445	...	5,691,793.63	21.362	..
2.	385,322	...	4,279,176.86	11.105	..
3.	372,171	...	2,229,874.64	5.992	..
4.	470,266	...	3,985,486.47	8.475	..
5.	5,606,558	...	26,367,788.71	4.703	..
6.	76,578	...	232,416.32	3.035	...
7.	388,076	...	902,611.39	2.326	..
8.	389,125	...	1,011,484.89	2.599	..
	7,954,541	...	44,700,632.91	5.620	..
9.	196,440	...	1,158,804.45	5.899	..
10.	...	7,667,671	4,505,852.11	...	.588
11.	...	819,145	566,101.83	...	.691
12.	...	1,190,276	760,004.75	...	.639
13.	...	1,123,436	552,411.89	...	.492
14.	...	90,803	26,484.03	...	.292
15.	...	1,429,712	882,724.00	...	.617
16.	...	1,902,377	884,888.27	...	.465
17.	...	1,611,237	1,165,243.16	...	.723
18.	13,235	...	98,579.90	7.448	..
19.	...	16,276,268	9,542,423.14	...	.586
20.	...	48,944,921	19,999,204.05	...	.409
21.	...	43,133,885	13,038,138.15	...	.302
22.	29,833	...	204,418.33	6,852	..
23.	...	1,179,286	565,535.33	...	.480
24.	...	1,319,645	842,500.78	...	.638
	239,508	126,688,662	54,793,314.17	6.103	.421
25.	20,492	...	210,204.23	10.258	..
26.	778,039	...	6,012,851.30	7.728	..
27.	...	1,727,523	1,352,157.30	...	.783
28.	...	3,377,554	2,685,460.55	...	.795
29.	...	6,156,717	4,902,298.55	...	.796
30.	...	1,475,492	1,198,460.02	...	.812
31.	...	18,857,562	13,569,097.77	...	.720
32.	...	773,669	560,783.00	...	.725
33.	...	1,978,704	1,502,049.62	...	.759
34.	...	11,100,334	8,762,872.66	...	.789
35.	...	298,707	247,303.78	...	.828
36.	...	2,622,805	2,069,940.27	...	.789
37.	...	18,970,079	10,722,809.99	...	.565
38.	...	250,262	141,451.39	...	.565
39.	...	3,417,210	1,637,218.44	...	.479
40.	...	4,430,879	1,890,948.67	...	.427
41.	...	11,379,754	4,770,633.11	...	.419
42.	...	8,570,628	3,423,564.82	...	.399
43.	...	2,394,017	1,356,943.88	...	.567
	...	...	47,194.58	...	..
	798,531	97,781,896	67,064,243.93	7.793	.622

EMPLOYEES AND THEIR COMPENSATION

NO.	Division	Average Number of Employees
	TRANSPORTATION	
44.	Inspectors and sergeants of police	165
45.	Constables and policemen	691
46.	Storekeepers	155
47.	Storemen	1,941
48.	Train despatchers and traffic supervisors	558
49.	Supervisory agents and assistants	766
50.	Station agents - non-telegraphers (small stations)	215
51.	Station agents - telegraphers and telephoners	6,146
52.	Signalmen (non-telegraphers) at interlockers	445
53.	Foremen in freight sheds	406
54.	Freight handlers and other station employees	5,675
55.	Labourers	532
56.	Dining car and restaurant inspectors, conductors and stewards	356
57.	Dining car and restaurant helpers and attendants	2,190
58.	News agents	...
59.	Floating equipment employees	702
60.	Sleeping and parlour car inspectors and conductors	244
61.	Sleeping and parlour car porters	1,238
62.	Drawbridge operators	107
63.	Signalmen or watchmen at crossings (non-interlocked)	778
64.	Yardmasters and assistants	460
65.	Switch tenders	487
66.	Hostlers	645
67.	Road passenger conductors	883
68.	Road freight conductors	2,390
69.	Road passenger brakemen, baggagemen and flagmen	2,018
70.	Road freight brakemen and flagmen	5,309
71.	Yard conductors and yard foremen	1,484
72.	Yard brakemen and helpers	3,109
73.	Road passenger engineers and motormen	1,218
74.	Road freight engineers and motormen	2,989
75.	Yard engineers and motormen	1,366
76.	Road passenger firemen and helpers	1,216
77.	Road freight firemen and helpers	3,293
78.	Yard firemen and helpers	1,387
	Total	51,564
79.	Express department	3,134
80.	Radio department	98
81.	Employees engaged in outside operations	13,298
	GRAND TOTAL	187,846
	Total number of female employees (monthly average)	7,718

EMPLOYEES AND THEIR COMPENSATION

No.	Total Days on Duty	Total Hours on Duty	Compensation: Total for Year	Compensation: Average Daily Compensation	Compensation: Average Hourly Compensation
			$	$	$
44.	52,730	...	366,431.05	6.949	..
45.	230,381	...	1,181.709.23	5.129	..
46.	51,046	...	316,110.51	6.193	..
47.	...	4,381,012	2,181,649.08	...	.498
48.	...	1,465,431	1,775,704.74	...	1.212
49.	...	1,954,981	1,573,339.32	...	.805
50.	...	535,999	231,932.67	...	.433
51.	...	16,306,132	11,789,764.14	...	.723
52.	...	1,162,145	594,221.95	...	.511
53.	...	1,043,304	719,470.30	...	.690
54.	...	13,197,058	6,640,722.04	...	.503
55.	...	1,273,952	535,818.38	...	.421
56.	...	1,121,430	708,821.45	...	.632
57.	...	6,791,453	2,320,009.87	...	.342
58.	...	...	...	...	..
59.	...	2,459,201	949,345.81	...	.386
60.	...	711,133	495,326.02	...	.697
61.	...	3,692,355	1,372,424.08	...	.372
62.	...	274,675	141,642.81	...	.516
63.	...	2,074,879	803,597.07	...	.387
64.	146,257	...	1,331,206.39	9.102	..
65.	168,018	...	803,154.46	4.780	..
66.	221,399	...	1,220,427.44	5.512	..
67.	...	2,351,050	2,675.460.24	...	1.138
68.	...	7,318,902	7,045,892.52	...	.963
69.	...	5,163,717	4,326,025.97	...	.838
70.	...	14,939,121	11,297,425.41	...	.756
71.	...	4,020,077	3,427,085.07	...	.852
72.	...	7,948,119	6,260,972.30	...	.788
73.	...	2,727,094	4,119,922.78	...	1.511
74.	...	8,921,664	9,854,437.70	...	1.105
75.	...	4,042,960	3,597,959.69	...	.890
76.	...	2,630,954	3.051,634.99	...	1.160
77.	...	8,961,443	7,410,235.40	...	.827
78.	...	4,060,295	2,817,521.98	...	.694
	869,831	131,530,536	103,937,402.86	6.000	.751
79.	976,316	...	5,140,707.85	5.265	..
80.	30,416	...	142,106.00	4.672	..
81.	...	35,831,376	14,954,093.19	...	.417
	10,869,143	391,832,470	290,732,500.91	5.786	.581

Total pay roll charged to operating expenses 260,903,331.66

EMPLOYEES AND THEIR COMPENSATION

No.	Division	Average Number of Employees
	TRANSPORTATION	
44.	Inspectors and sergeants of police	162
45.	Constables and policemen	699
46.	Storekeepers	150
47.	Storemen	1,844
48.	Train despatchers and traffic supervisors	546
49.	Supervisory agents and assistants	756
50.	Station agents - non telegraphers (small stations)	176
51.	Station agents - telegraphers and telephoners	6,089
52.	Signalmen (non-telegraphers) at interlockers	436
53.	Foremen in freight sheds	396
54.	Freight handlers and other station employees	4,902
55.	Labourers	406
56.	Dining car and restaurant inspectors, conductors and stewards	374
57.	Dining car and restaurant helpers and attendants	1,933
58.	News agents	3
59.	Floating equipment employees	722
60.	Sleeping and parlour car inspectors and conductors	242
61.	Sleeping and parlour car porters	1,207
62.	Drawbridge operators	106
63.	Signalmen or watchmen at crossings (non-interlocked)	784
64.	Yardmasters and assistants	395
65.	Switch tenders	444
66.	Hostlers	612
67.	Road passenger conductors	886
68.	Road freight conductors	2,086
69.	Road passenger brakemen, baggagemen and flagmen	1,999
70.	Road freight brakemen and flagmen	4,668
71.	Yard conductors and yard foremen	1,323
72.	Yard brakemen and helpers	2,770
73.	Road passenger engineers and motormen	1,220
74.	Road freight engineers and motormen	2,560
75.	Yard engineers and motormen	1,206
76.	Road passenger firemen and helpers	1,203
77.	Road freight firemen and helpers	2,844
78.	Yard firemen and helpers	1,232
	Total	47,381
79.	Express department	2,874
80.	Radio department	106
81.	Employees engaged in outside operations	12,996
	GRAND TOTAL	174,485
82.	Pullman, bridge and tunnel companies	502
83.	Total number of female employees (monthly average)	6,842

EMPLOYEES AND THEIR COMPENSATION

NO.	Total Days on Duty	Total Hours on Duty	Compensation: Total For Year $	Compensation: Average Daily Compensation $	Compensation: Average Hourly Compensation $
44.	51,941	...	360,507.28	6.941	...
45.	232,638	...	1,202,228.67	5.168	...
46.	48,486	...	305,963.51	6.310	...
47.	...	4,019,319	2,046,722.37	...	.509
48.	...	1,418,226	1,752,239.15	...	1.236
49.	...	1,938,803	1,573,558.07	...	.812
50.	...	421,571	218,407.58	...	.518
51.	...	15,691,587	11,402,943.43	...	.727
52.	...	1,103,063	593,409.38	...	.538
53.	...	1,006,116	695,813.18	...	.692
54.	...	11,370,661	5,723,185.99	...	.504
55.	...	997,970	404,436.29	...	.405
56.	...	1,164,125	730,160.61	...	.627
57.	...	5,783,510	2,074,784.13	...	.359
58.	711	...	1,165.16	1.639	...
59.	...	2,598,295	953,773.48	...	.367
60.	...	687,836	488,589.77	...	.710
61.	...	3,547,412	1,327,745.21	...	.374
62.	...	276,793	148,118.78	...	.535
63.	...	2,064,707	816,952.69	...	.396
64.	132,180	...	1,220,883.48	9.237	...
65.	156,348	...	749,367.65	4.793	...
66.	206,841	...	1,138,140.67	5.502	...
67.	...	2,321,919	2,705,481.41	...	1.165
68.	...	5,959,702	5,904,781.57	...	.991
69.	...	5,064,393	4,280,754.25	...	.845
70.	...	12,183,933	9,473,694.58	...	.778
71.	...	3,579,573	3,046,545.51	...	.851
72.	...	7,007,692	5,515,274.85	...	.787
73.	...	2,716,351	4,100,980.46	...	1.510
74.	...	7,120,588	8,058,987.89	...	1.132
75.	...	3,574,581	3,181,920.65	...	.890
76.	...	2,590,663	3,006,092.26	...	1.160
77.	...	7,154,910	6,102,400.33	...	.853
78.	...	3,530,228	2,476,185.63	...	.692
	829,145	116,944,497	93,787,246.42	6.004	.759
79.	884,476	...	4,517,624.17	5.108	...
80.	37,446	...	155,250.00	4.146	...
81.	...	34,535,426	14,508,250.82	...	.420
	10,472,544	347,864,161	268,347,374.02	5.863	.595
82.	11,534	1,432,880	723,242.35	5.295	.462

Total pay roll charged to
Operating Expenses 251,540,129.23