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DOMINION BUREAU OF STATISTICS  
TRANSPORTATION BRANCH

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TELEPHONE STATISTICS

For

1920

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Published by Authority of the Minister of Trade and Commerce.

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OTTAWA

1921

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DOMINION BUREAU OF STATISTICS  
TRANSPORTATION BRANCH  
OTTAWA.

Dominion Statistician, H.E. Coats, B.A., F.S.S.,  
Chief, Transportation Branch, G.S. Wrong, B.Sc.

TELEPHONE STATISTICS

FOR

1 9 2 0

Summaries of Telephone Statistics for the year ended December 31, 1920 are shown in the attached tables and comparisons have been made throughout with data for 1919, which was the first year the report was compiled on the calendar year basis. On pages 4 to 7 inclusive are shown also the principal statistics of the large telephone systems.

Reports were received from 2,327 companies, which was 108 more than reported in 1919 and 1,252 more than reported in 1913, or an increase of more than 116 per cent in 7 years, (1913 was the third year telephone statistics were collected and the report for that year may be considered a satisfactory basis for comparisons.) The greater portion of this increase was in rural telephone companies and associations, especially in Saskatchewan where the total companies amounted to 1,203 as against 361 in 1913.

The number of telephones in use amounted to 856,266, which was an increase of 85 per cent over 1913 and about 10 per cent over 1919.

For each 100 of population there were 9.8 telephones in use. As the table below shows, in this respect Canada ranks second among the countries for which such data is available.

<u>Year</u>	<u>Country</u>	<u>Number of Telephones per 100 population</u>
1919	United States	13.6
1920	Canada	9.8
1919	New Zealand	6.5
1919	Sweden	6.4
1917	Norway	4.4
1919	Australia	4.1
1914	Germany	2.2
1919	United Kingdom	2.0
1919	France	1.0
1919	Italy	.3

In Manitoba, Saskatchewan and Alberta the provincial governments operate telephone systems and to these provincial systems belonged 66,596; 30,565, and 41,859 telephones respectively. The total capital as reported by all telephone systems, shows an increase of about 16 per cent, while the cost of the systems increased 15 per cent. The revenues increased 14 per cent but the expenses increased 40 per cent, causing a decrease in the net operating revenue of 41 per cent. The number of employees increased 4 per cent while the salaries and wages increased 10 per cent.

SUMMARY OF TELEPHONE STATISTICS OF CANADA

	<u>For the year ended</u>	
	December: 31st, 1919	December 31st, 1920
Capital Stock	\$35,227,233	\$36,149,838
Funded Debt	65,360,600	80,539,367
Total Capital	100,587,833	116,689,705
Cost of Property and Equipment	125,017,222	144,560,969
Revenue	29,401,006	33,473,712
Operating Expenses	20,081,436	23,044,401
Net Operating Revenue	9,319,570	5,429,311
Salaries & Wages	15,774,586	17,294,405
-----		
No. of Telephone Companies	12,219	2,327
Wire Mileage	1,956,830	2,105,101
Telephones	778,758	856,266
Employees	20,491	21,187
Persons per telephone	11.3	10.2
Persons per mile of wire	4.5	4.2
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SUMMARY OF TELEPHONE STATISTICS OF CANADANumber of Telephone Companies by Provinces

Province	For the year ended	
	December 31st, 1919	December 31st, 1920.
Nova Scotia	175	208
New Brunswick	30	34
Prince Edward Island	33	43
Quebec	161	166
Ontario	594	594
Manitoba	36	35
Saskatchewan	1,141	1,203
Alberta	31	31
British Columbia	12	12
Yukon	1	1
Total	2,219	2,327

Wire Mileage by Provinces

Nova Scotia	56,538	59,316
New Brunswick	34,207	37,039
Prince Edward Island	4,387	4,906
Quebec	363,104	379,028
Ontario	747,893	789,301
Manitoba	201,785	221,747
Saskatchewan	205,212	219,591
Alberta	176,323	215,870
British Columbia	166,622	177,631
Yukon	759	672
Total	1,956,830	2,105,101

Number of Telephones by Provinces

Nova Scotia	30,653	33,886
New Brunswick	26,760	26,812
Prince Edward Island	3,238	4,777
Quebec	127,028	135,530
Ontario	332,272	364,798
Manitoba	62,969	69,902
Saskatchewan	78,861	90,506
Alberta	49,338	54,482
British Columbia	67,449	75,422
Yukon	190	151
Total	778,758	856,266

Number of Employees by Provinces

Nova Scotia	1,122	944
New Brunswick	682	705
Prince Edward Island	92	83
Quebec	4,363	4,337
Ontario	8,840	9,232
Manitoba	1,642	1,748
Saskatchewan	1,260	1,276
Alberta	912	1,098
British Columbia	1,569	1,755
Yukon	9	9
Total	20,491	21,187

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STATISTICS OF LARGE TELEPHONE SYSTEMS

Name of Telephone Company	Stocks	Funded Debt	Total Capital
	\$	\$	\$
<u>Nova Scotia</u>			
1. Maritime Telegraph & Tel. Co.	3,070,384	1,500,000	4,570,384
<u>New Brunswick</u>			
2. New Brunswick Tel. Co. Ltd.	2,099,590	41,000	2,140,590
<u>Prince Edward Island</u>			
3. Prince Edward Is. Tel. Co. Ltd.	140,175	100,000	240,175
<u>Quebec</u>			
4. Beauce Tel. Co. Ltd.	50,000	...	50,000
5. Bell Tel. Co. Ltd.	22,657,000	16,649,000	39,306,000
6. Bonaventure & Gaspé Tel. Co. Ltd.	63,600	...	63,600
7. Charlevoix & Saguenay Tel. Co. Ltd.	65,560	65,560	131,120
8. Eastern Townships Tel. Co. Ltd.	37,490	108,700	146,190
9. Kamouraska Tel. Co. Ltd.	108,200	32,000	140,200
10. National Tel. Co. Ltd.	213,000	213,000	426,000
11. St. Maurice & Charlevoix Tel. Co. Ltd.	49,000	490	49,490
12. Saguenay & Quebec Tel. Co. Ltd.	50,000	...	50,000
<u>Ontario</u>			
13. Beeton Tel. Co. Ltd.	41,270	...	41,270
14. Bolton Tel. Co. Ltd.	20,000	...	20,000
15. Bethesda & Stouffville Tel. Co. Ltd.	37,750	20,500	58,250
16. Dunville Consolidated Tel. Co. Ltd.	79,760	22,400	102,160
17. Erie Tel. Co. Ltd.	27,350	10,800	38,150
18. Goderich Rural Tel. Co. Ltd.	25,000	...	25,000
19. Ingersoll Tel. Co. Ltd.	36,200	49,400	85,600
20. Inverhulpe Tel. Co. Ltd.	18,240	...	18,240
21. Metcalfe Tel. Co. Ltd.	18,900	...	18,900
22. Monk Rural Tel. Co. Ltd.	30,000	...	30,000
23. Nainville Tel. Co. Ltd.	26,011	...	26,011
24. Norfolk County Tel. Co. Ltd.	43,200	...	43,200
25. Plum Hollow and Elcids Tel. Co. Ltd.	20,000	...	20,000
26. Porcupine Tel. Co. Ltd.	30,000	...	30,000
27. South Bruce Tel. Co. Ltd.	25,980	10,050	36,030
28. St. Marys, Madara & Kirkton Tel. Co. Ltd.	54,391	...	54,391
29. Tamiskating Tel. Co. Ltd.	61,206	20,000	81,206
30. United Tel. Co. Ltd.	35,000	...	35,000
31. Welland County Tel. Co. Ltd.	48,325	27,000	75,325
<u>Manitoba, Saskatchewan &amp; Alberta</u>			
32. Manitoba Government Tel.	...	15,844,003	15,844,003
33. Saskatchewan Government Tel.	...	9,955,247	9,955,247
34. Alberta Government Tel.	...	15,200,200	15,200,200
<u>British Columbia</u>			
35. British Columbia Tel. Co. Ltd.	2,500,000	2,433,333	4,933,333
36. Chilliwack Tel. Co. Ltd.	45,693	...	45,693
37. Courtenay Tel. Co. Ltd.	139,007	...	139,007
38. Fort George & Alberta Tel. Co. Ltd.	40,900	...	40,900
39. Hazelton Tel. Co. Ltd.	399,045	...	399,045
40. Revelstoke, Trout Lake & Big Bend Tel. Co. Ltd.	25,000	...	25,000
<b>TOTAL</b>	<b>32,432,827</b>	<b>62,302,683</b>	<b>94,735,510</b>

† Figures for year ended December 31st, 1919.

STATISTICS OF LAYNE TELEPHONE SYSTEMS

Line No.	Cost of Property & Equipment \$	Number of Employees	Salaries and Wages \$	Number of Telephones		
				Business	Residence	Rural
1.....	4,844,077	885	514,095	9,335	16,152	3,676
2.....	2,608,753	667	401,840	6,163	12,888	5,275
3.....	341,157	81	35,000	926	1,029	1,856
4.....	58,432	13	6,445	188	187	...
5.....	59,129,982	12,228	10,470,762	146,917	196,717	38,727
6.....	109,193	20	9,485	160	670	...
7.....	117,157	31	11,835	...	324	394
8.....	182,241	54	26,535	535	776	856
9.....	220,199	21	12,112	583	1,175	...
10.....	473,490	14	15,209	400	1,400	...
11.....	48,671	3	4,247	...	281	...
12.....	301,471	44	11,681	...	714	893
<i>10,568,309</i>						
13.....	60,826	2	3,909	...	...	797
14.....	52,229	6	4,485	27	59	744
15.....	80,873	11	6,770	...	...	1,004
16.....	98,245	13	11,025	...	608	1,034
17.....	103,984	14	11,306	112	245	1,213
18.....	54,492	3	1,967	14	17	620
19.....	125,351	19	11,414	198	738	743
20.....	36,484	5	3,303	...	...	608
21.....	30,710	4	3,042	...	26	474
22.....	89,441	6	4,595	...	...	470
23.....	53,986	3	2,647	...	...	803
24.....	115,217	18	17,787	93	285	1,626
25.....	30,000	5	3,082	...	105	196
26.....	44,643	7	7,755	140	157	23
27.....	27,311	4	1,064	...	...	545
28.....	78,324	4	8,427	...	...	1,140
29.....	119,216	34	29,568	542	1,033	344
30.....	39,597	4	4,506	...	...	480
31.....	113,812	21	12,914	18	594	920
<i>149,566</i>						
32.....	15,844,003	1,700	1,773,743	20,355	29,615	16,536
33.....	9,955,247	630	902,529	17,900	12,665	...
34.....	14,458,524	1,014	914,563	12,677	15,067	14,115
35.....	9,031,615	1,650	1,198,330	25,068	44,033	...
36.....	77,384	7	9,869	124	174	455
37.....	176,207	18	# 18,171	204	478	120
38.....	50,372	6	2,600	...	...	240
39.....	457,402	35	43,512	628	3,153	680
40.....	47,428	7	6,540	97	228	25
<i>1,279,022</i>						
TOTAL..	119,887,746	19,381	16,538,667	237,493	339,593	97,602

# Estimated

## STATISTICS OF LARGE TELEPHONE SYSTEMS

Name of Telephone Company	Revenues	Expenses	Net Operating Revenue
<u>Nova Scotia</u>			
	\$	\$	\$
1. Maritime Telegraph & Tel.Co.	1,369,632	1,112,271	257,361
<u>New Brunswick</u>			
2. New Brunswick Tel.Co.Ltd.	868,864	687,218	181,646
<u>Prince Edward Island</u>			
3. Prince Edward Island Tel.Co.Ltd.	92,978	83,065	9,913
<u>Quebec</u>			
4. Beauce Tel.Co.Ltd.	11,654	11,514	140
5. Bell Tel.Co.Ltd.	16,605,414	12,675,241	3,930,173
6. Bonaventure & Gaspé Tel.Co.Ltd.	27,655	15,781	11,874
7. Charlevoix & Saguenay Tel.Co.Ltd.	21,654	15,710	5,944
8. Eastern Townships Tel.Co.Ltd.	68,213	47,230	20,983
9. Kamouraska Tel.Co.Ltd.	42,530	28,159	14,371
10. National Tel.Co.Ltd.	77,253	57,026	20,227
11. St.Maurice & Champlain Tel.Co.Ltd.	13,250	10,917	2,333
12. Saguenay & Quebec Tel.Co.Ltd.	34,413	29,765	4,648
<u>Ontario</u>			
13. Beeton Tel.Co.Ltd.	12,578	8,341	4,237
14. Bolton Tel.Co.Ltd.	20,614	6,827	4,787
15. Bethesda & Stouffville Tel.Co.Ltd.	16,340	7,441	8,899
16. Dunville Consolidated Tel.Co.Ltd.	32,340	23,353	8,987
17. Erie Tel.Co.Ltd.	20,082	20,571	- 489
18. Goderich Rural Tel.Co.Ltd.	11,668	9,355	2,313
19. Ingersoll Tel.Co.Ltd.	25,012	21,582	3,430
20. Innerkip Tel.Co.Ltd.	10,323	6,214	4,109
21. Metcalfe Tel.Co.Ltd.	9,463	9,226	237
22. Monk Rural Tel.Co.Ltd.	13,134	11,010	2,124
23. Noisy River Tel.Co.Ltd.	13,707	8,398	5,309
24. Norfolk County Tel.Co.Ltd.	34,196	25,471	8,725
25. Plum Hollow and Eloids Tel.Co.Ltd.	5,567	5,500	67
26. Porcupine Tel.Co.Ltd.	14,310	11,643	2,667
27. South Bruce Tel.Co.Ltd.	5,211	3,385	1,826
28. St.Marys, Medina & Kirkton Tel.Co.Ltd.	16,819	11,554	5,265
29. Temiskaming Tel.Co.Ltd.	53,647	47,140	6,507
30. United Tel.Co.Ltd.	7,621	6,838	783
31. Welland County Tel.Co.Ltd.	35,075	24,269	10,806
<u>Manitoba, Saskatchewan &amp; Alberta</u>			
32. Manitoba Government Tel.	2,606,354	3,040,939	- 434,585
33. Saskatchewan Government Tel.	1,974,258	1,266,075	708,183
34. Alberta Government Tel.	1,866,541	1,823,817	42,724
<u>British Columbia</u>			
35. British Columbia Tel.Co.Ltd.	2,603,568	2,317,318	286,250
36. Chilliwack Tel.Co.Ltd.	25,131	11,934	13,197
37. Kootenay Tel.Co.Ltd.	45,203	33,661	11,542
38. Fort George & Alberta Tel.Co.Ltd.	6,500	5,700	800
39. Okanagan Tel.Co.Ltd.	102,041	55,731	46,310
40. Revelstoke, Trout Lake & Big Ben Tel.Co.Ltd.	12,017	9,132	2,885
TOTAL	28,823,830	23,606,342	5,217,489



STATISTICS OF LARGE TELEPHONE SYSTEMS

Line No.	Additions to Income	Gross Corporate Income	Deductions from Income	Net Corporate Income	Dividends and Reserves	Balance to Profit and Loss
1.....	47,798	305,159	90,000	215,159	188,795	26,364
2.....	7,441	189,087	38,358	150,729	148,897	1,832
3.....	...	9,913	3,991	5,922	2,600	3,922
4.....	574	714	2,212	- 1,498	...	- 1,498
5.....	571,450	4,501,623	1,648,184	2,853,439	2,885,400	-31,961
6.....	...	11,874	663	11,211	8,544	2,667
7.....	100	6,044	2,132	3,912	3,500	412
8.....	...	20,963	9,381	11,582	6,846	4,736
9.....	...	14,371	2,836	11,535	11,535	...
10.....	...	20,227	12,475	7,752	...	7,752
11.....	...	2,333	...	2,333	2,333	...
12.....	1,856	6,504	30,070	23,566	...	- 23,566
13.....	...	4,237	...	4,237	2,942	1,295
14.....	928	5,715	886	4,829	4,423	406
15.....	1,864	10,763	2,440	8,323	6,892	1,431
16.....	...	8,987	1,971	7,016	3,900	3,116
17.....	258	- 231	1,239	1,470	5,590	-7,060
18.....	...	2,313	77	2,236	1,500	736
19.....	288	3,718	3,975	-257	2,172	-2,429
20.....	...	4,109	...	4,109	4,109	...
21.....	...	237	...	237	...	237
22.....	...	2,124	...	2,124	...	2,124
23.....	193	5,502	...	5,502	5,289	213
24.....	370	9,095	1,362	7,733	8,456	-723
25.....	...	67	...	67	...	67
26.....	...	2,667	290	2,377	1,000	1,377
27.....	...	1,826	...	1,826	1,826	...
28.....	...	5,265	...	5,265	3,591	1,674
29.....	...	6,507	2,543	3,964	10,435	-6,471
30.....	...	783	...	783	523	260
31.....	225	11,031	2,181	8,850	8,585	265
32.....	...	-434,585	...	-434,585	...	-434,585
33.....	...	708,183	...	708,183	...	708,183
34.....	...	42,724	...	42,724	...	42,724
35.....	18,729	304,979	191,331	113,648	200,932	-87,284
36.....	...	13,197	...	13,197	9,173	10,024
37.....	...	11,542	...	11,542	17,281	-5,739
38.....	...	800	565	235	...	235
39.....	1,387	47,697	5,475	42,222	42,222	...
40.....	...	2,885	...	2,885	...	2,885
Total	653,461	5,870,949	2,054,657	3,816,312	3,592,691	223,621

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