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DOMINION BUREAU OF STATISTICS

TRANSPORTATION BRANCH

TELEGRAPH STATISTICS

For

1920

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OTTAWA

1921

Historical Note

1875
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1877

DOMINION BUREAU OF STATISTICS
TRANSPORTATION BRANCH
OTTAWA.

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

TELEGRAPH STATISTICS

FOR

1 9 2 0

The summaries of Telegraph Statistics for the year ended December 31, 1920 are shown in the attached tables and comparisons have been made throughout with data for 1919.

The statistics are only those related to the Canadian operations, and for the companies as a whole show an improvement over the previous years operations.

The gross revenues increased about 19 per cent or from \$9,499,358 to \$11,337,428 while the operating expenses increased from \$7,813,259 to \$9,589,982 or 22 per cent. These gave an increase of 3 per cent in the net operating revenues or from \$1,686,099 to \$1,747,447.

The pole line mileage shows an increase of 2 per cent or from 51,415 miles to 52,393 miles and the wire mileage shows an increase of 11 per cent or from 214,629 miles to 238,866 miles.

The number of employees decreased by 98 but the number of operators increased 208. The number of telegraph offices increased from 4,536 to 4,825.

The number of land messages sent increased from 14,200,346 to 15,589,711. Cablegrams sent increased from 934,875 to 1,164,204 and the money transferred amounted to \$7,045,661 as against \$895,181 for 1919.

TELEGRAPH STATISTICS

GROSS REVENUE

Table 1.

Company	year ended Dec. 31	
	1919	1920
Canadian Pacific Ry. Co.	\$3,982,471	\$4,886,721
Dominion Gov. Telegraph Service	244,168	277,749
Grand Trunk Pacific Tel. Co.	134,767	179,817
Great N. Western Telegraph Co.	2,397,550	2,806,661
Halifax & Bermudas Cable Co.	178,301	203,726
Marconi Wireless Telegraph Co.	836,941	947,908
N. American Telegraph Co.	189,485	290,913
Pacific Cable Board	319,596	311,292
Temiskaming & Northern Ontario Commission	45,120	57,526
Western Union Telegraph Co.	1,170,959	1,375,110
TOTAL	9,499,358	11,337,428

Source

Local Messages	\$4,527,342	\$5,796,532
Conjoint Messages	1,798,714	2,030,335
Press Reports	75,645	73,381
Market Reports	99,068	119,291
Cablegrams	1,512,421	1,463,466
Money Orders	97,299	81,736
Leased Wires	634,238	804,086
Miscellaneous	794,631	968,601
TOTAL	9,499,358	11,337,428

Table -2

OPERATING EXPENSES

Company	1919	1920
Canadian Pacific Railway Co.	\$2,582,270	\$3,064,546
Dominion Government Tel. Service	802,349	806,245
Grand Trunk Pacific Telegraph Co.	149,453	164,628
Great N. Western Tel. Co.	2,077,683	2,619,037
Halifax & Bermuda Cable Co.	36,937	92,600
Marconi Wireless Tel. Co.	604,878	877,526
North American Tel. Co.	186,426	287,378
Pacific Cable Board	286,427	339,333
Temiskaming & Northern Ontario Commission	23,770	29,345
Western Union Tel. Co.	1,002,966	1,309,344
TOTAL	7,813,259	9,589,982

Source

Salaries and Wages	\$5,251,364	\$6,594,897
Stationery and Printing	89,697	115,850
Line and Equipment	1,119,367	1,425,204
Buildings	414,990	488,736
Legal Expenses	9,398	15,375
Insurance	4,103	13,978
Commissions	179,972	249,034
Taxes	62,041	110,760
Miscellaneous	681,727	606,148
TOTAL	7,813,259	9,589,982

TELEGRAPH STATISTICS

Table -3.

NET OPERATING REVENUE

Company	Year ended Dec. 31	
	1919	1920
Canadian Pacific Ry. Co.	\$1,400,201	\$1,822,175
Dominion Government Tel. Service	D. 558,181	D. 528,496
Grand Trunk Pacific Tel. Co.	D. 14,686	15,190
Great North Western Telegraph Co.	319,867	137,524
Halifax & Bermudas Cable Co.	141,364	111,126
Marconi Wireless Telegraph Co.	172,063	70,382
N.American Telegraph Co.	2,959	3,410
Pacific Cable Board	33,169	D. 28,041
Temiskaming & Northern Ontario Commission	21,350	28,180
Western Union Telegraph Co.	167,993	65,767
TOTAL	1,686,099	1,747,447

POLE LINE MILEAGE

Table -4.

Company

Canadian Pacific Ry. Co.	15,061	14,412
Dominion Government Tel. Service	11,112	11,454
Grand Trunk Pacific Tel. Company	2,817	2,817
Great North Western Tel. Company	18,420	19,687
North American Telegraph Company	44	44
Temiskaming & Northern Ont. Commission	320	341
Western Union Telegraph Co.	3,631	3,638
TOTAL	51,415	52,393

Province

Nova Scotia	2,910	2,874
New Brunswick	2,273	2,428
Prince Edward Island	217	217
Quebec	7,252	7,612
Ontario	13,647	13,505
Manitoba	3,969	4,429
Saskatchewan	6,975	7,135
Alberta	5,245	5,318
British Columbia	8,203	8,151
Yukon	710	710
Newfoundland	14	14
TOTAL	51,415	52,393

TELEGRAPH STATISTICS.

WIRE MILEAGE

Table -5.

Year ended Dec. 31,
1919 1920

Company	1919	1920
Canadian Pacific Ry. Co.	114,796	121,002
Dominion Government Tel. Service	11,722	12,504
Grand Trunk Pacific Tel. Co.	14,306	14,204
Great North Western Telegraph Co.	56,481	72,126
North American Telegraph Co.	547	547
Temiskaming & Northern Ontario Commission	1,674	1,694
Western Union Telegraph Co.	15,103	16,789
TOTAL	214,629	238,866
<u>Province</u>		
Nova Scotia	10,546	11,806
New Brunswick	10,531	13,090
Prince Edward Island	476	476
Quebec	24,475	28,507
Ontario	76,557	84,745
Manitoba	18,498	21,615
Saskatchewan	28,567	34,942
Alberta	22,378	24,222
British Columbia	21,877	21,710
Yukon	710	710
Newfoundland	14	14
TOTAL	214,629	238,866
<u>Class</u>		
Galvanized	136,367	156,657
Copper-overhead	37,120	36,421
Copper-underground	1,474	1,714
Copper-submarine	482	493
Multiple	39,186	43,581
TOTAL	214,629	238,866

"Multiple" wire used for the duplex and quadruplex systems. Each mile of wire, is, however, capable of serving the purpose of from two to four miles under ordinary conditions. The count is based on actual mileage of wire.

Table -6.

EMPLOYEES

Company	1919	1920
Canadian Pacific Ry. Co.	2,046	2,152
Dominion Government Tel. Service	1,192	1,298
Grand Trunk Pacific Tel. Co.	417	253
Great North Western Telegraph Co.	2,564	2,624
Halifax & Bermuda Cable Co.	...	27
Marconi Wireless Telegraph Co.	402	343
N. American Telegraph Co.	31	31
Pacific Cable Board	128	115
Temiskaming & Northern Ontario Commission	11	12
Western Union Telegraph Co.	815	653
TOTAL	7,606	7,508
<u>Class</u>		
<u>Operators</u>		
Male	4,049	4,287
Female	458	428
Other Officers & Employees	3,099	2,793
TOTAL	7,606	7,508

TELEGRAPH STATISTICS

Table -7.

NUMBER OF OFFICES

Company	Year ended Dec. 31	
	1919	1920
Canadian Pacific Ry. Co.	1,582	1,587
Dominion Government Tel. Service	(1) 919	(1) 1,179
Grand Trunk Pacific Tel. Co.	187	152
Great North Western Tel. Co.	(2) 1,522	(2) 1,576
Halifax & Bermudas Cable Co.	1	1
Marconi Wireless Tel. Co.	(3) 40	(4) 46
North American Telegraph Co.	24	24
Pacific Cable Board	6	6
Temiskaming & Northern Ontario Commission	30	29
Western Union Tel. Co.	225	225
TOTAL	4,536	4,825

- (1) Includes 2 in Newfoundland
- (2) Includes 36 in United States
- (3) Includes 14 in Newfoundland
- (4) Includes 16 in Newfoundland

Province

Nova Scotia	290	304
New Brunswick	144	179
Prince Edward Island	28	28
Quebec	809	875
Ontario	1,271	1,245
Manitoba	288	298
Saskatchewan	573	602
Alberta	312	368
British Columbia	752	855
Yukon	17	17
Newfoundland	16	18
In United States	36	36
TOTAL	4,536	4,825

Table -8

MESSAGES - 1920

	No. of Land Messages	No. of Cablegrams	Amount of money transferred
Canadian Pacific Ry. Co.	6,290,074	378,748	\$745,877
Dominion Gov. Tel. Service	584,346
Grand Trunk Pacific Tel. Co.	281,428
Gr. North Western Tel. Co.	7,340,585	284,940	3,413,072
Halifax & Bermudas Cable Co.	...	188,912	...
Marconi Wireless Tel. Co.	88,440	161,101	...
North American Tel. Co.	105,233	2,502	13,881
Temiskaming & Northern Ontario Commission	142,538	670	...
Western Union Tel. Co.	757,067	145,331	2,872,831
TOTAL	15,589,711	1,162,204	7,045,661
Totals for 1919-	14,200,346	934,875	6,951,181

⊙ - Marconigrams.

‡ - Also relayed 3,865,056 cablegrams



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Year	Value	Category
1982	1,234,567	Category A
1983	1,345,678	Category A
1984	1,456,789	Category A
1985	1,567,890	Category A
1986	1,678,901	Category A
1987	1,789,012	Category A
1988	1,890,123	Category A
1989	1,901,234	Category A
1990	1,912,345	Category A
1991	1,923,456	Category A
1992	1,934,567	Category A
1993	1,945,678	Category A
1994	1,956,789	Category A
1995	1,967,890	Category A
1996	1,978,901	Category A
1997	1,989,012	Category A
1998	1,990,123	Category A
1999	1,991,234	Category A
2000	1,992,345	Category A
2001	1,993,456	Category A
2002	1,994,567	Category A
2003	1,995,678	Category A
2004	1,996,789	Category A
2005	1,997,890	Category A
2006	1,998,901	Category A
2007	1,999,012	Category A
2008	1,999,123	Category A
2009	1,999,234	Category A
2010	1,999,345	Category A
2011	1,999,456	Category A
2012	1,999,567	Category A
2013	1,999,678	Category A
2014	1,999,789	Category A
2015	1,999,890	Category A
2016	1,999,901	Category A
2017	1,999,912	Category A
2018	1,999,923	Category A
2019	1,999,934	Category A
2020	1,999,945	Category A
2021	1,999,956	Category A
2022	1,999,967	Category A
2023	1,999,978	Category A
2024	1,999,989	Category A
2025	1,999,990	Category A

Year	Value	Category
1982	1,234,567	Category B
1983	1,345,678	Category B
1984	1,456,789	Category B
1985	1,567,890	Category B
1986	1,678,901	Category B
1987	1,789,012	Category B
1988	1,890,123	Category B
1989	1,901,234	Category B
1990	1,912,345	Category B
1991	1,923,456	Category B
1992	1,934,567	Category B
1993	1,945,678	Category B
1994	1,956,789	Category B
1995	1,967,890	Category B
1996	1,978,901	Category B
1997	1,989,012	Category B
1998	1,990,123	Category B
1999	1,991,234	Category B
2000	1,992,345	Category B
2001	1,993,456	Category B
2002	1,994,567	Category B
2003	1,995,678	Category B
2004	1,996,789	Category B
2005	1,997,890	Category B
2006	1,998,901	Category B
2007	1,999,012	Category B
2008	1,999,123	Category B
2009	1,999,234	Category B
2010	1,999,345	Category B
2011	1,999,456	Category B
2012	1,999,567	Category B
2013	1,999,678	Category B
2014	1,999,789	Category B
2015	1,999,890	Category B
2016	1,999,901	Category B
2017	1,999,912	Category B
2018	1,999,923	Category B
2019	1,999,934	Category B
2020	1,999,945	Category B
2021	1,999,956	Category B
2022	1,999,967	Category B
2023	1,999,978	Category B
2024	1,999,989	Category B
2025	1,999,990	Category B

Year	Value	Category
1982	1,234,567	Category C
1983	1,345,678	Category C
1984	1,456,789	Category C
1985	1,567,890	Category C
1986	1,678,901	Category C
1987	1,789,012	Category C
1988	1,890,123	Category C
1989	1,901,234	Category C
1990	1,912,345	Category C
1991	1,923,456	Category C
1992	1,934,567	Category C
1993	1,945,678	Category C
1994	1,956,789	Category C
1995	1,967,890	Category C
1996	1,978,901	Category C
1997	1,989,012	Category C
1998	1,990,123	Category C
1999	1,991,234	Category C
2000	1,992,345	Category C
2001	1,993,456	Category C
2002	1,994,567	Category C
2003	1,995,678	Category C
2004	1,996,789	Category C
2005	1,997,890	Category C
2006	1,998,901	Category C
2007	1,999,012	Category C
2008	1,999,123	Category C
2009	1,999,234	Category C
2010	1,999,345	Category C
2011	1,999,456	Category C
2012	1,999,567	Category C
2013	1,999,678	Category C
2014	1,999,789	Category C
2015	1,999,890	Category C
2016	1,999,901	Category C
2017	1,999,912	Category C
2018	1,999,923	Category C
2019	1,999,934	Category C
2020	1,999,945	Category C
2021	1,999,956	Category C
2022	1,999,967	Category C
2023	1,999,978	Category C
2024	1,999,989	Category C
2025	1,999,990	Category C

Also included in the collection