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CANADA
DOMINION BUREAU OF STATISTICS
TRANSPORTATION BRANCH

TELEGRAPH STATISTICS

For
1921

Published by Authority of the Hon. J. A. Robb, M. P.,
Minister of Trade and Commerce.

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OTTAWA

1922

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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

1921.

The summaries of Telegraph Statistics for the year ended December 31, 1921 with comparative data for 1920 are shown in the attached tables.

The statistics are only those related to Canadian operations and for the companies as a whole showed a decrease in gross revenues of \$26,439 and an increase in operating expenses of \$144,317 giving a net operating revenue of \$1,576,690 as against \$1,747,447 for 1920.

Pole line mileage showed an increase of 435 miles while wire mileage increased 11,936 miles or 5 per cent, the largest increases being in Ontario, British Columbia and Nova Scotia.

The number of employees increased from 7,508 to 7,818 or 4 per cent with an increase in the number of offices of 76.

The number of land messages decreased from 15,539,711 to 15,013,993, cartograms decreased from 1,162,204 to 1,154,737 while money transferred by telegraph decreased from \$7,045,661 to \$5,150,916.

TELEGRAPH STATISTICS

GROSS REVENUE

Table 1. Company	Year ended Dec. 31	
	1920	1921
Canadian Pacific Ry. Co.	\$4,886,721	\$4,683,683
Dominion Gov. Telegraph Service	277,749	330,470
Grand Trunk Pacific Tel. Co.	179,817	160,856
Canadian National Telegraph Co.	2,806,661	3,015,087
Halifax & Bermuda Cable Co.	203,726	146,968
Marconi Wireless Telegraph Co.	947,908	976,273
N. American Telegraph Co.	290,918	303,610
Pacific Cable Board	311,292	255,744
Temiskaming & Northern Ontario Commission	57,526	59,013
Western Union Telegraph Co.	1,375,110	1,379,285
Total	11,337,428	11,310,989

Source

Local Messages	\$5,796,532	\$6,104,905
Conjoint Messages	2,030,335	1,661,566
Press Reports	73,381	82,787
Market Reports	119,291	130,874
Cablegrams	1,463,466	1,429,571
Money Orders	81,736	86,307
Leased Wires	804,086	866,851
Miscellaneous	968,601	948,128
Total	11,337,428	11,310,989

Table 2.

OPERATING EXPENSES

Company	1920	1921
Canadian Pacific Railway Co.	\$3,064,546	\$2,873,177
Dominion Government Tel. Service	806,245	1,005,495
Grand Trunk Pacific Telegraph Co.	164,628	204,830
Canadian National Telegraph Co.	2,619,037	2,555,137
Halifax & Bermuda Cable Co.	92,600	49,923
Marconi Wireless Tel. Co.	877,526	895,753
North American Tel. Co.	287,373	302,428
Pacific Cable Board	339,333	466,478
Temiskaming & Northern Ontar. Commission	29,345	27,611
Western Union Tel. Co.	1,309,344	1,253,467
Total	9,589,982	9,734,299

Source

Salaries and Wages	\$6,564,897	\$6,671,817
Stationery and Printing	115,350	138,094
Line and Equipment	1,425,204	1,409,728
Buildings	483,736	437,582
Legal Expenses	15,375	3,929
Insurance	13,978	14,169
Commissions	249,034	221,144
Taxes	110,760	•••
Miscellaneous	606,148	787,836
Total	9,589,982	9,734,299

TELEGRAPH STATISTICS

Table 3

NET OPERATING REVENUE

Year ended Dec. 31

Company	1920	1921
Canadian Pacific Ry. Co.	\$1,822,175	\$1,810,506
Dominion Government Tel. Service	D. 528,496	D. 675,025
Grand Trunk Pacific Tel. Co.	D. 15,190	D. 43,974
Canadian National Telegraph Co.	187,624	359,950
Halifax & Bermudas Cable Co.	111,126	97,045
Marconi Wireless Telegraph Co.	70,382	80,520
N. American Telegraph Co.	3,540	1,182
Pacific Cable Board	D. 28,041	D. 210,734
Temiskaming & Northern Ontario Commission	28,180	31,402
Western Union Telegraph Co.	65,767	125,818
Total	1,747,447	1,576,690

POLE LINE MILEAGE

Table 4

Company

Canadian Pacific Ry. Co.	14,412	14,419
Dominion Government Tel. Service	11,454	11,207
Grand Trunk Pacific Tel. Company	2,817	2,817
Canadian National Telegraph Co.	19,687	20,361
North American Telegraph Company	44	44
Temiskaming & Northern Ont. Commission	341	341
Western Union Telegraph Co.	3,638	3,639
Total	52,393	52,828

Province

Nova Scotia	2,874	3,287
New Brunswick	2,428	2,403
Prince Edward Island	217	274
Quebec	7,612	7,663
Ontario	13,505	13,505
Manitoba	4,329	4,432
Saskatchewan	7,135	7,206
Alberta	5,318	5,142
British Columbia	8,151	8,192
Yukon	710	710
Newfoundland	14	14
Total	52,393	52,828

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TELEGRAPH STATISTICS

Table 5

WIRE MILEAGE

Company	Year ended Dec. 31	
	1920	1921
Canadian Pacific Ry. Co.	121,002	122,414
Dominion Government Tel. Service	12,504	14,001
Grand Trunk Pacific Tel. Co.	14,204	14,186
Canadian National Telegraph Co.	72,126	81,266
North American Telegraph Co.	547	547
Temiskaming & Northern Ontario Commission	1,694	1,694
Western Union Telegraph Co.	16,789	16,694
Total	238,866	250,802
<u>Province</u>		
Nova Scotia	11,806	13,506
New Brunswick	13,090	13,105
Prince Edward Island	476	625
Quebec	28,507	29,541
Ontario	84,745	88,380
Manitoba	21,615	22,276
Saskatchewan	36,972	32,766
Alberta	24,221	25,579
British Columbia	21,710	24,300
Yukon	710	710
Newfoundland	14	14
Total	238,866	250,802
<u>Class</u>		
Galvanized	156,657	162,881
Copper-overhead	36,421	42,331
Copper-underground	1,714	1,714
Copper-submarine	493	524
Multiple	43,581	43,352
Total	238,866	250,802

"Multiple" wire used in 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	1920	1921
Canadian Pacific Ry. Co.	2,152	1,958
Dominion Government Tel. Service	1,298	1,342
Grand Trunk Pacific Tel. Co.	253	182
Canadian National Telegraph Co.	2,624	3,146
Halifax & Bermudas Cable Co.	27	26
Marconi Wireless Telegraph Co.	343	442
N. American Telegraph Co.	31	31
Pacific Cable Board	115	116
Temiskaming & Northern Ontario Commission	12	11
Western Union Telegraph Co.	653	564
Total	7,508	7,818
<u>Class</u>		
<u>Operators</u>		
Male	4,287	4,195
Female	428	548
Other Officers & Employees	2,793	3,075
Total	7,508	7,818

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TELEGRAPH STATISTICS

Table 7

NUMBER OF OFFICES

Company	Year ended Dec. 31	
	1920	1921
Canadian Pacific Ry. Co.	1,587	1,559
Dominion Government Tel. Service	(1) 1,179	(1) 1,248
Grand Trunk Pacific Tel. Co.	152	150
Canadian National Telegraph Co.	(2) 1,576	(2) 1,618
Halifax & Bermudas Cable Co.	1	1
Marconi Wireless Tel. Co.	(4) 46	(3) 42
North American Telegraph Co.	24	22
Pacific Cable Board	6	6
Temiskaming & Northern Ontario Commission	29	30
Western Union Tel. Co.	225	225
Total	4,825	4,901

- (1) Includes 2 in Newfoundland
 (2) Includes 36 in United States
 (3) Includes 15 in Newfoundland
 (4) Includes 16 in Newfoundland

Province

Nova Scotia	304	323
New Brunswick	179	179
Prince Edward Island	28	4
Quebec	875	861
Ontario	1,245	1,280
Manitoba	298	299
Saskatchewan	602	590
Alberta	368	374
British Columbia	855	926
Yukon	17	12
Newfoundland	18	17
In United States	36	36
Total	4,825	4,901

Table 8

MESSAGES - 1921

	No. of Land Messages	No. of Cablegrams	Amount of money transferred
Canadian Pacific Ry. Co.	5,359,897	463,406	\$694,534
Dominion Gov. Tel. Service	636,471	...	198
Grand Trunk Pacific Tel. Co.	223,539
Canadian National Tel. Co.	7,811,466	247,684	3,163,741
Halifax & Bermudas Cable Co.	...	107,441	...
Marconi Wireless Tel. Co.	71,465	(a) 155,021	...
North American Tel. Co.	87,562	2,419	12,921
Temiskaming & Northern Ontario Com.	170,455	858	...
Western Union Tel. Co.	653,138	177,958	1,279,522
Total	15,013,993	1,154,787	5,150,916
Totals for 1920	15,589,711	1,162,204	7,045,661

(a) Marconigrams.



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STATISTICAL TABLES

Faint, illegible text and tables, likely statistical data, covering the majority of the page.