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DOMINION BUREAU OF STATISTICS

CANADA  
 DOMINION BUREAU OF STATISTICS  
 TRANSPORTATION BRANCH

TELEGRAPH STATISTICS

for

1922



Published by Authority of the Hon. Thos. A. Low, M. P.,

Minister of Trade and Commerce.

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OTTAWA

1923

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DOMINION BUREAU OF STATISTICS

TRANSPORTATION BRANCH

OTTAWA

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

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TELEGRAPH STATISTICS

FOR

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The attached summary tables include statistics of the operations in Canada of the various telegraph and cable companies for 1922 with comparable data for 1921.

Gross revenues showed a decline of \$292,227 and total operating expenses, a decrease of \$202,473, making a decrease in net revenues of \$89,754. Pole line mileage was increased from 52,734 to 53,096 miles with wire mileage increased from 250,802 to 262,343 miles.

The number of employees showed an increase from 7,818 to 8,500. The Canadian National Telegraph Company took over the messenger service in several cities which materially increased the number of employees without making a relative increase in the pay roll.

The number of land messages showed an increase from 15,013,993 to 15,271,410, and cablegrams showed an increase from 1,154,787 to 1,182,053.

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TELEGRAPH STATISTICS

GROSS REVENUE

Table 1  
Company

Year ended Dec. 31  
1921 1922

Canadian National Telegraph Co.	\$3,015,087	\$3,220,275
Canadian Pacific Ry. Co.	4,633,683	4,508,519
Dominion Gov. Telegraph Service	330,470	290,131
Grand Trunk Pacific Tel. Co.	150,856	148,107
Halifax & Bermuda Cable Co.	146,968	17,248
Marconi Wireless Telegraph Co.	976,273	1,059,048
N. American Telegraph Co.	303,610	313,442
Pacific Cable Board	255,744	272,542
Teriskaming & Northern Ont. Commission	59,013	65,733
Western Union Telegraph Co.	1,279,285	1,122,837
<b>Total</b>	<b>11,310,989</b>	<b>11,018,762</b>

Source

Local Messages	\$6,104,205	\$6,013,133
Conjoint Messages	1,661,566	1,823,054
Press Reports	82,787	75,846
Market Reports	130,874	121,236
Cablegrams	1,429,571	1,183,272
Money Orders	86,307	84,978
Teased Wires	866,841	877,452
Miscellaneous	943,128	839,791
<b>Total</b>	<b>11,310,989</b>	<b>11,018,762</b>

OPERATING EXPENSES

Table 2  
Company

Canadian National Telegraph Co.	\$2,655,137	\$2,818,546
Canadian Pacific Ry. Co.	2,873,177	2,819,980
Dominion Gov. Telegraph Service	1,005,495	947,340
Grand Trunk Pacific Tel. Co.	204,330	175,425
Halifax & Bermuda Cable Co.	49,923	29,472
Marconi Wireless Tel. Co.	695,753	1,042,023
North American Tel. Co.	502,428	312,002
Pacific Cable Board	466,478	336,272
Teriskaming & Northern Ont. Commission	27,511	28,065
Western Union Tel. Co.	1,253,467	1,021,801
<b>Total</b>	<b>9,734,299</b>	<b>9,531,826</b>

Source

Salaries and Wages	\$6,671,317	\$6,307,838
Stationery and Printing	138,094	127,992
Line and Equipment	1,409,728	1,507,016
Offices & Buildings	487,532	478,394
Legal Expenses	3,929	2,073
Insurance	14,169	15,702
Commissions	221,144	374,235
Taxes	-----	-----
Miscellaneous	787,836	718,576
<b>Total</b>	<b>\$9,734,299</b>	<b>\$9,531,826</b>



## TELEGRAPH STATISTICS

NET OPERATING REVENUETable 3  
CompanyYear ended Dec. 31  
1921 1922

Canadian National Tel. Co.	\$ 359,950	\$ 402,429
Canadian Pacific Ry. Co.	1,810,506	1,658,630
Dominion Government Tel. Service	Dr. 675,025	Dr. 657,209
Grand Trunk Pacific Tel. Co.	Dr. 43,974	Dr. 27,238
Halifax & Bermudas Cable Co.	97,045	Dr. 12,234
Marconi Wireless Telegraph Co.	80,520	17,025
North American Tel. Co.	1,182	1,440
Pacific Cable Board	Dr. 210,734	Dr. 63,730
Temiskaming & Northern Ont. Commission	31,402	36,768
Western Union Telegraph Co.	125,818	101,036
Total	1,576,690	1,486,936

POLE LINE MILEAGETable 4  
Company

Canadian National Tel. Co.	20,361	20,339
Canadian Pacific Ry. Co.	14,419	14,472
Dominion Govt. Tel. Service	11,207	11,455
Grand Trunk Pacific Tel. Co.	2,817	2,817
North American Telegraph Co.	- - -	- - -
Temiskaming & North. Ont. Commission	341	332
Western Union Telegraph Co.	3,639	3,631
Total	52,784	53,096

PROVINCE

Nova Scotia	3,227	3,234
New Brunswick	2,403	2,398
Prince Edward Island	274	274
Quebec	7,663	7,663
Ontario	13,461	13,453
Manitoba	4,432	4,444
Saskatchewan	7,206	7,219
Alberta	5,142	5,202
British Columbia	8,192	8,435
Yukon	710	710
Newfoundland	14	14
Total	52,784	53,096

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TELEGRAPH STATISTICS

WIRE MILEAGE

Table 5  
Company Year ended Dec. 31.

Company	1921	1922
Canadian National Tel. Co.	81,266	89,539
Canadian Pacific Ry. Co.	122,414	125,331
Dominion Government Tel. Service	14,001	14,392
Grand Trunk Pacific Tel. Co.	14,186	14,185
North American Tel. Co.	547	547
Temiskaming & Northern Ont. Commission	1,694	1,683
Western Union Telegraph Co.	16,694	16,663
Total	250,802	262,343

Province

Nova Scotia	13,506	13,600
New Brunswick	13,105	13,856
Prince Edward Island	625	625
Quebec	29,541	32,298
Ontario	88,380	92,932
Manitoba	22,276	22,844
Saskatchewan	32,766	32,891
Alberta	25,579	25,921
British Columbia	24,300	26,652
Yukon	710	710
Newfoundland	14	14
Total	250,802	262,343

Class

Galvanized	162,881	162,625
Copper - overhead	42,331	47,328
Copper - underground	1,714	1,744
Copper - submarine	524	666
Multiple	43,352	49,980
Total	250,802	262,343

"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.

EMPLOYEES & SALARIES

Table 6

Company	No.	Amount	No.	Amount
Canadian National Tel. Co.	3,146	\$1,727,645	3,732	\$1,716,462
Canadian Pacific Ry. Co.	1,958	2,322,692	2,026	2,266,418
Dominion Gov. Tel. Service	1,342	709,845	1,345	672,514
Grand Trunk Pacific Tel. Co.	182	103,684	195	96,366
Halifax & Bermudas Cable Co.	26	38,204	14	22,338
Marcconi Wireless Tel. Co.	442	546,964	513	560,669
N. American Tel. Co.	31	14,450	26	13,181
Pacific Cable Board	116	227,869	124	236,516
Temiskaming & North. Ont. Comm.	11	13,948	14	12,941
Western Union Tel. Co.	564	966,516	511	710,433
Total	7,818	6,671,317	8,500	6,307,838

Class

<u>Operators</u>		
Male	4,195	3,837
Female	543	495
Other Officers and Employees	3,075	4,168
Total	7,818	8,500



TELEGRAPH STATISTICS

NUMBER OF OFFICES

Table 7

Company	Year ended Dec. 31	
	1921	1922
Canadian National Telegraph Co.	(1) 1,618	(1) 1,566
Canadian Pacific Ry. Co.	1,559	1,456
Dominion Govt. Tel. Service	(2) 1,248	(2) 1,298
Grand Trunk Pacific Tel. Co.	150	150
Halifax & Bermudas Cable Co.	1	1
Marconi Wireless Tel. Co.	(4) 42	(3) 39
North American Telegraph Co.	22	21
Pacific Cable Board	6	6
Temiskaming & North. Ont. Commission	30	29
Western Union Tel. Co.	225	196
<b>Total</b>	<b>4,901</b>	<b>4,762</b>

- (1) Includes 36 in United States
- (2) Includes 2 in Newfoundland
- (3) Includes 14 in Newfoundland
- (4) Includes 15 in Newfoundland

Province

Nova Scotia	323	322
New Brunswick	179	188
Prince Edward Island	4	4
Quebec	861	894
Ontario	1,280	1,081
Manitoba	299	294
Saskatchewan	590	601
Alberta	374	361
British Columbia	926	948
Yukon	12	17
Newfoundland	17	16
In United States	36	36
<b>Total</b>	<b>4,901</b>	<b>4,762</b>

Table 8

	MESSAGES - 1922		
	No. of Land Messages	No. of Cablegrams	Amount of Money transferred
Canadian National Tel. Co.	8,394,724	248,123	\$3,420,970
Canadian Pacific Ry. Co.	5,169,265	538,274	636,911
Dominion Gov. Tel. Service	548,181	- - - -	- - - -
Grand Trunk Pacific Tel. Co.	157,739	- - - -	- - - -
Halifax & Bermudas Cable Co.	- - -	107,433	- - - -
Marconi Wireless Tel. Co.	68,509	143,716	- - - -
North American Tel. Co.	# 83,077	1,654	32,730
Temiskaming & North. Ont. Comm.	153,540	1,199	- - - -
Western Union Tel. Co.	696,375	141,654	334,696
<b>Total</b>	<b>15,271,410</b>	<b>1,182,053</b>	<b>4,404,407</b>
<b>Totals for 1921</b>	<b>15,013,993</b>	<b>1,154,787</b>	<b>5,159,916</b>

\* Includes 38,098 received

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