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6 GEORGE V

SESSIONAL PAPER No. 20f

A. 1916

TELEGRAPH STATISTICS

OF THE

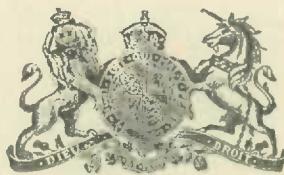
DOMINION OF CANADA

FOR THE

YEAR ENDED JUNE 30

1915

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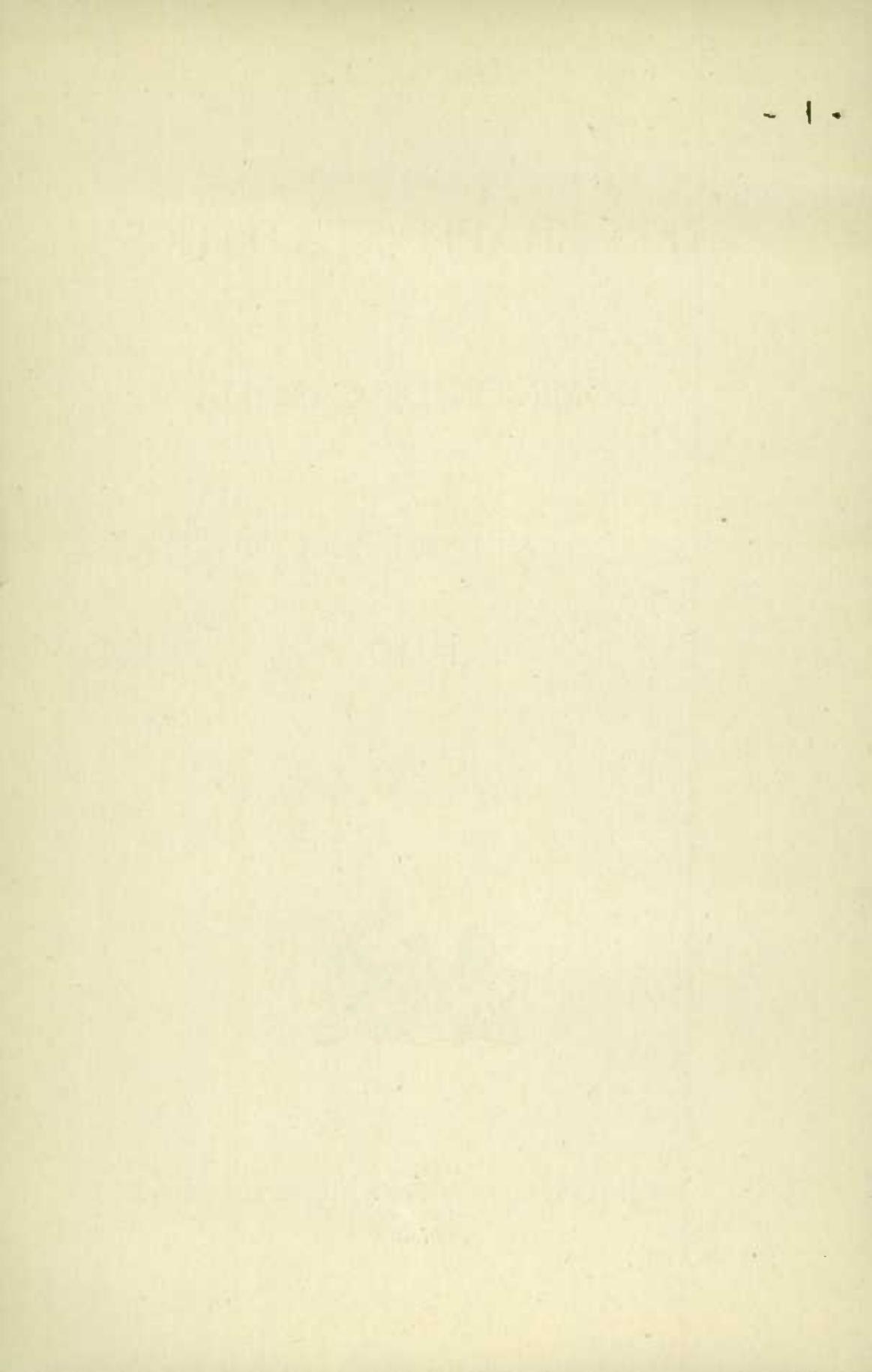


OTTAWA

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1916

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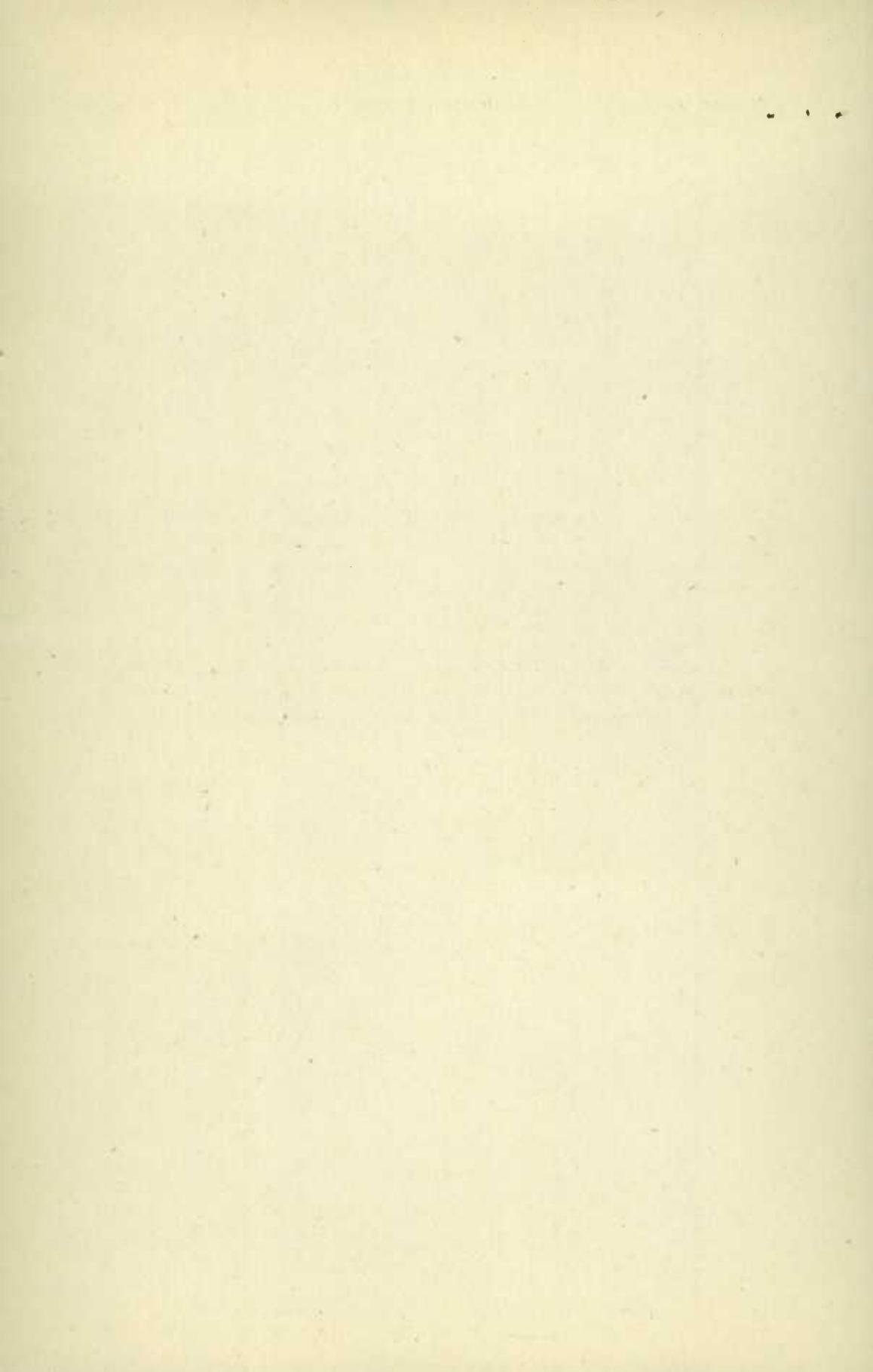


*To Field Marshal, His Royal Highness Prince Arthur William Patrick Albert,
Duke of Connaught and of Strathearn, K.G., K.T., K.P., etc., etc., etc.,
Governor General and Commander in Chief of the Dominion of Canada.*

MAY IT PLEASE YOUR ROYAL HIGHNESS:

The undersigned has the honour to present to your Royal Highness the Annual Report of the Comptroller of Statistics in relation to the telegraph interests of the Dominion of Canada for the year ended June 30, 1915.

F. COCHRANE,
Minister of Railways and Canals.



To the Honourable F. COCHRANE,
Minister of Railways and Canals.

SIR,—I have the honour to submit the report of the Comptroller of Statistics in relation to the telegraph interests of the Dominion of Canada for the year ended June 30, 1915.

I have the honour to be sir,

Your obedient servant,

A. W. CAMPBELL,
Deputy Minister of Railways and Canals.

OFFICE OF THE COMPTROLLER OF STATISTICS,
OTTAWA, March 15, 1916.

A. W. CAMPBELL, Esq., C.E.,
Deputy Minister of Railways and Canals.

SIR.—I have the honour to submit herewith Telegraph Statistics for the year ended June 30, 1915.

As in preceding years, all the telegraph organizations operating in Canada made reports in accordance with the statistical requirements of the Department.

It is not deemed expedient to repeat the historical data which appeared in Telegraph Statistics for 1911 and 1912. The purpose then in view has been served.

The reports for 1915 show a decline in operating results as compared with the preceding year. The details will be found in subsequent paragraphs of these introductory observations, and in tables constituting the body of the report.

ORGANIZATION.

The following data with respect to organization on June 30, 1914, are collateral to the statistical tables on succeeding pages:—

Anglo-American Telegraph Company, Limited.—Chairman of the Board, Francis A. Bevan; Directors, Messrs. Francis A. Bevan, Robert H. Benson, and Sir Herbert S. Leon, Bart.; Secretary, William Miles, Winchester House, Old Bond Street, London, England. The Company has leased its whole undertaking to the Western Union Telegraph Company, of New York, for 99 years from 1st April, 1911.

Canadian Northern Telegraph Company.—President, Sir William Mackenzie; Vice-Presidents, Sir Donald Mann and D. B. Hanna; Directors, Sir William Mackenzie, Sir Donald Mann, Messrs. Z. A. Lash, K.C., R. J. Mackenzie, and D. B. Hanna; Secretary, R. P. Ormsby; Treasurer, L. W. Mitchell; Solicitor, Gerard Ruel; General Auditor, J. D. Morton; General Superintendent, W. C. Muir. The headquarters of the Company are at Toronto.

Canadian Pacific Railway Company's Telegraph.—President, Sir Thomas G. Shaughnessy, K.C.V.O.; Vice-Presidents, L. G. Ogden, G. M. Bosworth, and G. Bury, E. W. Beatty, G. Hall; Directors, Sir Thomas G. Shaughnessy, Sir Thomas Skinner, Bart., Sir William C. Van Horne, Sir Edmund B. Osler, M.P., R. B. Angus, H. S. Holt, W. D. Matthews, C. R. Hosmer, A. M. Nanton, Hon. Robert Mackay, D. McNicholl, and Hon. James Dunsmuir, J. K. L. Ross; Secretary, W. R. Baker, C.V.O.; Treasurer, H. E. Suckling; General Counsel, E. W. Beatty; Comptroller, J. Leslie; General Auditor, F. E. Shrimpton; Manager, J. McMillan. The headquarters of the Company are at Montreal.

Dominion Government Telegraph Service.—This service is administered by the Department of Public Works, Ottawa. Mr. D. H. Keeley is the General Superintendent. Operations are carried on in those outlying sections of the Dominion which are not served by commercial telegraph organizations.

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Grand Trunk Pacific Telegraph Company.—President, E. J. Chamberlin; Vice-Presidents, M. Donaldson and W. H. Ardley; Directors, Messrs. E. J. Chamberlin, W. H. Biggar, W. H. Ardley, M. Donaldson, Howard G. Kelley, and A. B. Smith; Secretary, Henry Phillips; Treasurer, Frank Scott; General Counsel, W. H. Biggar, K. C.; Auditor, W. H. Ardley, Manager, A. B. Smith. Headquarters, Montreal.

Great North Western Telegraph Company.—President, Z. A. Lash; Vice-President, Adam Brown; Directors, Messrs. Adam Brown, James Hedley, Newcomb Carlton, Hon. J. K. Kerr, E. Y. Gallaher, A. Jarvis, F. B. Hayes, and Z. A. Lash; Secretary, A. C. McConnell; Treasurer, D. E. Henry; General Manager, George D. Perry. Headquarters, Toronto.

North American Telegraph Company.—President, C. F. Sise; Vice-President, Hon. Robert Mackay; Directors, Messrs. C. F. Sise, Hon. Robert Mackay, Robert Archer, Hugh Paton, Charles Cassils, L. B. McFarlane, and W. H. Blaek; Secretary-Treasurer, J. H. Hoppes, Kingston, Ontario.

Temiskaming and Northern Ontario Railway Commission.—Chairman of the Board, J. L. Englehart; Commissioners, Denis Murphy and George W. Lee; Secretary-Treasurer, W. H. Maund; Accountant, T. J. Gracey. Headquarters, Toronto.

Western Union Telegraph Company.—President, Newcomb Carlton; Vice-Presidents, G. W. E. Atkins and Belvidere Brooks; Directors, Messrs. Oliver Ames, William Vincent Astor, Henry A. Bishop, Newcomb Carlton, Robert C. Clowry, Henry W. DeForest, Chauncey M. Depew, William Fahnestock, Donald G. Geddes, Geo. J. Gould, Thomas H. Hubbard, Chauncey Keep, Robert S. Lovett, Edwin G. Merrill, Percy A. Rockefeller, Jacob H. Schiff, Mortimer L. Schiff, James Stillman, William H. Truesdale, and Albert H. Wiggin; Secretary, William H. Baker; Treasurer, Lewis Dresdner; Comptroller, E. Y. Gallaher; General Attorney, George H. Faerons. Headquarters, 195 Broadway, New York.

Halifax and Bermudas Cable Company, Limited.—President, Sir Thomas Skinner, Baronet; Directors, Sir Thomas Skinner, Bart., George Gray Ward, Frederick Ward, Thomas Hewitt-Skinner, and William Morrey Kent; General Manager and Secretary, Joseph Rippon, 33 Old Broad Street, London, England.

Pacific Cable Board.—Chairman of the Board, Sir H. Babington Smith, K.C.B., C.S.I., Sir W. H. Mercer, K.C.M.G. (Crown Agent for Colonies), and Sir G. O. Gibb, Chairman Road Board, representing the Imperial Government; Vice-Chairmen, A. Lang, Hon. G. H. Perley, representing Canadian Government, Right Hon. Sir G. H. Reid, P.C., G.C.M.G. (High Commissioner for Australia), Sir T. A. Coghlan, K.B., I.S.O. (Agent General for New South Wales) representing Australian Government, Hon. T. MacKenzie (High Commissioner for New Zealand) representing New Zealand Government; Secretary, F. J. Adye; Manager (stationed in the Pacific), J. Milward.

Marconi Wireless Telegraph Company.—President, Andrew A. Allan; Vice-President, Guglielmo Marconi, D.Sc., LL.D.; Directors, J. N. Green-shields, K.C., Robert Bickerdike, M.P., G. M. Bosworth, W. D. Birchall, Godfrey C. Isaacs, E. J. Nally, and J. H. Lauer; Secretary-Treasurer, Alex. E. Reoch. Headquarters, Montreal.

CAPITALIZATION AND COST.

The situation with respect to both capitalization and cost is somewhat confusing. There are a number of organizations which have neither stocks nor bonds outstanding, and which are unable to report the cost of their telegraph systems. The Canadian Pacific Railway Company's telegraph is a case in point. Primarily, many of the lines were built as a part of the railway system of the Company, and the cost was wrapped up with capital expenditures for purely railway purposes. Many stretches of wire are also used for both train despatching and the transmission of commercial messages. The case of the Pacific Cable Board illustrates another aspect of the matter. This cable line is owned jointly by the United Kingdom and the several British Dominions concerned, and the cost for the purposes of these statistics is the cost of equipment within the Dominion of Canada. With these explanations the facts given herewith will be understood.

Following is the capitalization of companies having headquarters in Canada:—

	Stocks.	Bonds.
	\$	\$
Canadian Northern Telegraph Company.....	500,000	800,000
Grand Trunk Pacific Telegraph Company.....	100,000	
Great North Western Telegraph Company.....	500,000	
Marconi Wireless Telegraph Company.....	5,000,000	
North American Telegraph Company.....	200,000	
Total.....	6,300,000	800,000

The figures of cost relating to Canadian companies were as follows:—

Canadian Pacific Railway Company's Telegraph.....	\$6,696,421
Dominion Government Telegraph Service.....	2,829,890
North American Telegraph Company.....	56,663
Pacific Cable Board.....	55,000
Temiskaming and Northern Ontario.....	39,800
Total.....	\$9,677,774

Table No. 1 will afford information with respect to the capitalization of companies having headquarters outside of Canada.

EARNINGS AND OPERATING EXPENSES.

Receipts from operation in 1915 amounted to \$5,536,337.46, as against \$5,983,204.04 in 1914. This involved a decrease for the year of \$446,866.58.

It should be explained that the earnings of the Western Union Telegraph Company include an arbitrary assignment of a certain amount for such business as is merely relayed across certain portions of Canada from the cable station at Canso, N.S., to points in the United States.

Following were the accounts which made up gross revenue in 1915 and the three preceding years:—

	1912.	1913.	1914.	1915.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Local messages.....	2,751,490 21	3,187,127 53	2,859,101 22	2,562,563 60
Conjoint messages.....	1,385,586 01	1,409,449 78	1,358,194 12	1,187,638 24
Press reports.....	158,839 88	123,568 89	143,798 85	122,422 04
Market reports.....	98,437 70	103,710 58	99,638 33	40,723 86
Cablegrams.....	484,713 68	682,456 78	711,326 89	806,309 23
Money Orders.....	40,770 61	49,730 08	56,416 96	39,975 56
Leased wires.....	288,009 44	297,083 40	305,746 19	279,018 76
Miscellaneous.....	151,339 39	242,085 84	443,981 48	497,686 17
Total.....	5,359,188 92	6,095,212 90	5,983,204 04	5,536,337 46

By comparing the several items in the foregoing statement a fair understanding will be had of the fluctuations in revenue during the past four years. It will be observed, for example, that, while a large increment has occurred in receipts from cablegrams, local messages have yielded a considerably lower revenue. It is not easy to identify the cause of this latter change, except it be in the increasing use of the telephone.

Operating expenses in 1915 had a total of \$4,129,165.82. The amount in 1914 was \$4,242,539.73.

Operating expenses were equal to 75·07 per cent of gross earnings. There has been a steady rise in this since 1912. The record is as follows:—

1912.....	\$65.83	1914.....	\$70.91
1913.....	66.84	1915.....	74.59

The difference between gross earnings and operating expenses in 1915 was \$1,407,171.61, as compared with \$1,740,664.31 in 1914. The facts in this regard for the past four years are shown in the following statement:—

1912.....	\$1,831,367	1914.....	\$1,740,664
1913.....	2,060,732	1915.....	1,407,172

It is impracticable, owing to the situation already described, to measure these net earnings against capitalization; but table 1 will supply the information for such calculations as are possible.

Following are the details of operating expenses in 1915 and the three preceding years:—

	1912.	1913.	1914.	1915.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Salaries and wages.....	2,583,887 50	2,884,590 20	2,908,697 07	2,735,956 57
Stationery and printing.....	31,060 14	29,442 65	39,133 22	40,979 18
Line and equipment.....	372,344 25	402,149 33	674,086 18	762,658 14
Buildings.....	229,046 58	241,486 31	271,155 67	257,427 28
Legal expenses.....	2,177 40	3,918 59	2,858 35	743 19
Insurance.....	3,960 37	2,448 24	5,186 25	7,856 93
Commissions.....	143,070 03	141,854 06	130,877 51	114,840 14
Taxes.....	23,665 25	20,539 05	30,971 86	31,257 87
Miscellaneous.....	138,610 44	308,072 00	179,573 62	177,446 52
Total.....	3,527,821 96	4,034,480 43	4,242,539 73	4,129,165 82

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The following statement shows how gross earnings in 1915 and three years preceding were distributed among the various companies:—

	1912.	1913.	1914.	1915.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Canadian Northern Telegraph Company.....	226,445 45	276,739 70	264,615 03	149,785 67
Canadian Pacific Railway Company.....	3,009,767 84	3,286,508 95	2,991,273 06	2,504,241 50
Dominion Government Telegraph Service.....	200,330 20	215,526 11	253,112 57	225,944 27
Grand Trunk Pacific Telegraph Company.....	55,392 47	72,126 80	81,975 51	75,268 01
Great North Western Telegraph Company.....	1,161,414 92	1,244,302 67	1,252,930 14	1,295,774 91
Halifax and Bermudas Cable Company.....	68,805 00	69,710 00	77,465 00	87,930 00
Mareconi Wireless Telegraph Company.....	143,018 00	218,660 00	239,006 70	306,615 47
North American Telegraph Company.....	26,331 42	22,023 49	23,849 95	19,843 40
Pacific Cable Board.....	73,861 40	85,166 60	98,558 25	113,657 52
Temiskaming and Northern Ontario Commission.....	38,932 03	36,297 73	32,165 17	24,912 01
Western Union Telegraph Company.....	354,888 19	568,150 85	668,252 66	732,364 70
Total.....	5,359,188 92	6,095,212 90	5,983,204 04	5,536,337 46

Operating expenses in 1915 and the three years preceding were distributed among the reporting units as follows:—

	1912.	1913.	1914.	1915.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Canadian Northern Telegraph Company.....	108,143 11	141,742 68	153,603 95	89,693 28
Canadian Pacific Railway Company.....	1,435,944 28	1,691,953 38	1,613,687 64	1,382,507 16
Dominion Government Telegraph Service.....	505,731 73	491,550 80	623,755 29	632,674 98
Grand Trunk Pacific Telegraph Company.....	48,264 54	62,236 13	93,870 12	105,405 76
Great North Western Telegraph Company.....	839,602 95	911,884 98	947,964 56	903,495 52
Halifax and Bermuda Cable Company.....	26,140 00	25,695 00	20,403 00	25,200 00
Mareconi Wireless Telegraph Company.....	148,485 00	218,597 00	231,848 08	285,552 85
North American Telegraph Company.....	13,982 16	21,084 55	21,607 59	21,640 24
Pacific Cable Board.....	122,708 13	69,649 69	76,146 92	85,753 07
Temiskaming and Northern Ontario Commission.....	11,990 25	12,495 34	11,150,00	13,190 72
Western Union Telegraph Company.....	266,828 81	387,590 88	448,502 58	494,052 24
Total.....	3,527,821 96	4,034,480 43	4,242,539 73	4,129,165 82

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INCOME ACCOUNT.

Following is a summary of table 4 in relation to the Income Account of telegraph organizations:—

Gross revenue.....	\$5,294,593.49
Operating expenses.....	3,467,058.71
Net operating revenue.....	\$1,857,672.53
Additions—	
From outside operations.....	\$ 3,353.17
Rents.....	11,134.03
From securities held.....	1,312.50
Other items.....	15,799.70
Gross corporate income.....	\$1,873,472.23
Deductions—	
Taxes.....	\$ 24,182.00
Interest on bonds.....	20,000.00
Other deductions.....	26,907.94
	71,089.94
Net corporate income.....	\$1,802,382.92
Disposal of net corporate income—	
Dividends.....	\$ 226,914.00
Reserves.....	27,996.73
	254,910.73
Balance.....	\$1,547,471.56

The outstanding feature in the foregoing statement, as was also the case in 1914, is the large balance carried forward to profit and loss. The details may be studied in table 4.

EQUIPMENT.

During the year careful enquiries were made looking to the enlargement of the schedule at present prescribed with respect to equipment, but difficulties were encountered. There has not been a definite standardization of telegraphic instruments. It is believed, however, that this obstacle to the elaboration of the existing official schedule can be fairly met. The matter will have further attention during the current year.

Following are the facts with respect to pole and wire mileage, by provinces, for 1915 and the three years preceding.

Province.	Pole Mileage.				Wire Mileage.			
	1912.	1913.	1914.	1915.	1912.	1913.	1914.	1915.
Nova Scotia.....	2,828	2,907.25	2,931.75	2,944.00	9,878	9,412.49	10,912.23	11,474.45
New Brunswick.....	1,867	2,251.25	1,910.25	2,000.25	8,376	7,297.34	8,444.79	8,690.80
Quebec.....	7,515	7,035.25	6,851.00	6,836.25	24,249	25,242.20	22,296.25	22,579.00
Ontario.....	10,514	11,166.90	11,258.40	11,164.40	58,207	47,682.55	66,245.55	66,183.35
Manitoba.....	3,803	3,808.00	3,908.75	4,210.40	18,184	13,697.10	19,377.80	21,884.75
Saskatchewan.....	5,382	5,863.65	6,749.10	6,947.85	21,257	19,499.80	26,830.40	27,062.05
Alberta.....	2,895	3,476.05	4,050.50	4,949.20	14,491	16,193.05	19,286.70	22,494.75
British Columbia.....	3,467	5,838.14	6,699.64	7,319.31	10,571	13,192.46	19,181.72	21,866.25
Yukon.....	2,498	688.00	688.00	586.00	2,713	688.00	588.00	586.00
Newfoundland.....	14	14.00	14.00	14.00	14	14.00	14.00	14.00
	40,785	43,048.49	45,061.39	46,971.66	167,939	152,918.99	193,277.44	202,835.40

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It will be observed that substantial increases took place during the year in both pole and wire mileage. The latter is the more important, since it indicates a larger availability of telegraph service.

The wire mileage in 1915 and three preceding years was distributed, by classes, as follows:—

	1912.	1913.	1914.	1915.
	Miles.	Miles.	Miles.	Miles.
Galvanized.....	116,974	122,168	126,886	132,343
Copper—overhead.....	50,100	29,417	21,606	27,812
Copper—underground.....	254	698	737	748
Copper—submarine.....	689	636	653	649
Multiple.....	36,218	39,794	43,395	41,283

"Multiple" must be understood as applying to 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.

PUBLIC SERVICE.

The decline in gross earnings, particularly from local messages, is reflected in a lower public service by telegraphic organizations in 1915. The number of land messages decreased during the year from 11,980,869 to 9,952,135. The record of land messages since statistics were available is as follows:—

1912.....	9,252,540	|	1914.....	11,980,869
1913.....	11,176,753	|	1915.....	9,952,135

The number of cablegrams was 977,389, as compared with 983,061 in 1914. The falling off in numbers in this instance was coincident with an increase in revenue from cable service, showing that the average toll per message was higher for the year. The cablegram record is as follows:—

1912.....	768,559	|	1914.....	983,061
1913.....	877,534	|	1915.....	977,389

EMPLOYEES.

The returns for 1915 showed a small increase in the number of employees. The figures for the year were 6,243, as against 6,150 for 1914.

There were 4,010 operators, of whom 3,677 were males, and 333 females. In 1914 there were 3,062 males and 319 female operators,

Other officers and employees numbered 2,233, a decline of 536 for the year.

Salaries and wages had a total of \$2,946,327.74, as compared with \$3,214,140.44 in 1914.

The foregoing total of salaries and wages was equal to 71.3 per cent. of operating expenses. In 1914 the ratio was 75.8.

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NUMBER OF OFFICES.

For the first time the facts with respect to the number of offices, and their distribution by provinces, were ascertained. The returns gave the following results:—

Nova Scotia	288
New Brunswick	159
Prince Edward Island	2
Quebec	817
Ontario	1,246
Manitoba	420
Saskatchewan	610
Alberta	296
British Columbia	643
Yukon	54
 Total	 4,535

FINANCIAL PAPER.

It was deemed advisable to require telegraph corporations to report the amount of financial paper handled, and the returns disclosed a total of \$665,254.92 for 1915. This information was not gathered in previous years, so that comparisons are impracticable.

STATISTICAL TABLES.

Following these introductory observations and summaries are tables giving statistical information in detail with regard to the various reporting units.

I have the honour to be, sir,
Your obedient servant,

J. L. PAYNE,
Comptroller of Statistics.

TABLE 1.—Capital Liability, Cost, Gross Revenue, and Operating Expenses.

Name of Company.	Address.	Capital Stock.	Funded Debt.	Cost of Real Property and Equipment.	Revenue from Operation.	Operating Expenses.	Net Operating Revenue.	Net Operating Loss.
		\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Anglo-American Telegraph Co., Ltd.	London, Eng.	34,066,666 66		34,066,666 66				
American Telegraph and Cable Co.	New York	14,000,000 00						
†Canadian Northern Telegraph Co.	Toronto	500,000 00	800,000 00		149,785 67	89,693 28	60,092 39	
Canadian Pacific Railway Co.	Montreal			6,696,421 40	2,504,241 50	1,382,507 16	1,121,734 34	
Direct United States Cable Co., Ltd.	London, Eng.	5,909,106 66		5,909,106 66				
Dominion Government Telegraph Service	Ottawa			2,829,890 00	225,944 27	632,674 98		400,730 71
Grand Trunk Pacific Telegraph Co.	Montreal	100,000 00			75,268 01	105,405 76		30,137 75
Great North Western Telegraph Co. of Canada	Toronto	500,000 00			1,295,774 91	993,495 52	302,279 39	
Halifax and Bermudas Cable Co., Ltd.	London, Eng.	250,000 00		757,740 00	87,930 00	25,200 00	62,730 00	
Marconi Wireless Telegraph Co. of Canada, Ltd.	Montreal	5,000,000 00		527,466 13	306,615 47	285,552 85	21,062 62	
North American Telegraph Co.	Kingston, Ont.	200,000 00		56,662 93	19,843 40	21,640 24		1,796 84
Pacific Cable Board	London, Eng.		8,723,168 00	*55,000 00	113,657,52	85,753 07	27,904 45	
Temiskaming and Northern Ontario Railway Commission	Toronto			39,800 00	24,912 01	13,190 72	11,721 29	
Western Union Telegraph Co.	New York	99,817,100 00	32,602,000 00	145,125,186 26	732,364 70	494,052 24	238,312 46	
Totals		160,342,873 32	42,125,168 00	196,063,940 04	5,536,337 46	4,129,165 82	1,845,836 94	438,665 30

* In Canada only. † For half-year ended Dec. 31, 1914.

TABLE 2.—Gross Revenue and the Sources Thereof.

S

Name of Company.	Local Messages.	Conjoint Messages.	Press Reports.	Market Reports.	Cablegrams	Money Orders.	Leased Wire.	Miscel- laneous.	Total Gross Revenue.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Canadian Northern Telegraph Co.....	133,247 03	5,623 42	3,289 04	1,906 82	193 25	1,614 91	3,153 25	757 35	149,785 61
Canadian Pacific Railway Co.....	1,601,020 36	399,273 48	23,805 35	4,176 65	191,094 11	16,487 36	245,856 78	22,527 41	2,504,241 50
Dominion Government Telegraph Service.....		225,944 27							225,944 27
Grand Trunk Pacific Telegraph Co.....	70,000 39	1,980 40						3,287 22	75,268 01
Great North Western Telegraph Co. of Canada.....	412,464 22	525,897 81	76,964 07	33,460 36	121,595 37	14,998 03	26,655 56	83,739 49	1,295,774 9
Halifax and Bermudas Cable Co., Ltd.....			2,290 00		75,378 00			10,262 00	87,930 00
Marconi Wireless Telegraph Co. of Canada, Ltd.....	φ 61,234 8		840 42		56,969 52			‡187,570 71	306,615 47
North American Telegraph Co.....	2,698 44	13,022 17	†	†	635 18	119 89	3,353 17	14 55	19,843 40
Pacific Cable Board.....					113,657 52				113,657 52
Temiskaming and Northern Ontario Rail- way Commission.....	8,825 60	15,896 69			189 72				24,912 01
Western Union Telegraph Co.....	273,072 14		15,233 16	1,180 03	246,596 56	7,655 37		*189,527 44	732,364 70
Totals.....	2,562,563 60	1,187,638 24	122,422 04	40,723 86	806,309 23	39,975 56	279,018 76	497,686 17	5,536,337 46

φ Ship's messages.
ending Dec. 31, 1914.

* Includes \$188,522.22 cable expenses at relay stations.

† Included in conjoint.

‡ Includes subsidies.

§ For six months

TABLE 3.—Operating Expenses.

Name of Company.	Salaries.	Stationery and Printing. ^a	Mainte-nance of Line and Equipment.	Mainte-nance of Buildings, etc.	Legal Expenses.	Insurance.	Commissi-ons.	Taxes.	Miscel-laneous.	Operating Expenses.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts. %
*Canadian Northern Telegraph Co.	57,969 96	2,808 01					11,614 78		17,309 53	89,693 28
Canadian Pacific Railway Co.	1,105,079 67		51,094 73	226,332 76						1,382,507 16
Dominion Government Telegraph Service.	402,596 64	5,829 84	†224,248 50							632,674 98
Grand Trunk Pacific Telegraph C.	25,179 24	2,639 62	67,350 79	2,792 00			6,028 60	655 25	710 26	105,405 76
Great North Western Telegraph Co. of Canada.	548,593 83	19,515 48	190,106 19	4,007 51	701 56	2,549 85	85,874 73	21,907 13	120,239 24	993,495 52
Halifax and Bermudas Cable Co., Ltd.	18,500 00	930 00	543 00	2,490 00	26 00	80 00			2,631 00	25,200 00
Marconi Wireless Telegraph Co. of Canada Ltd.	154,027 63		115,116 34	*	11 63	4,970 28		1,018 70	10,408 27	285,552 85
North American Telegraph Co.	4,601 16	73 02	827 58	95 00	4 00	256 80	7,281 73	848 15	7,652 80	21,640 24
Pacific Cable Board.	69,601 67	3,063 05		237 47				77 51	12,773 97	85,753 07
Temiskaming and Northern Ontario Railway Commission.	2,375 00	466 98	6,308 44				4,040 30			13,190 72
Western Union Telegraph Co.	347,441 37	5,603 18	107,062 57	21,472 54				6,751 13	5,721 45	494,052 24
Total.	2,735,956 57	40,979 18	762,658 14	257,427 28	743 19	7,856 93	414,840 14	31,257 87	177,446 52	4,129,165 82

^a Included in "Maintenance of Line."^b For half-year ended Dec. 31, 1914.

† Includes maintenance of buildings.

TABLE 4.—Income Account for the Year ended June 30, 1915.

Name of Telegraph Company.	Gross Revenue.	Operating Expenses.	Net Operating Revenue.	ADDITIONS.					GROSS CORPORATE INCOME.	
				Outside Operations.	Rents.	From Securities Held.	Other Income.	Total.	Income.	Loss.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Canadian Northern Telegraph Co.	149,785 67	89,693 28	60,092 39						60,092 39	
Canadian Pacific Railway Co.	2,504,241 50	1,382,507 16	1,121,734 34						1,121,734 34	
Grand Trunk Pacific Telegraph Co.	75,268 01	105,405 76								30,137 75
Great North Western Telegraph Co. of Canada	1,283,342 93	971,588 39	311,754 54		11,119 48	1,312 50		12,431 98	324,186 52	
Halifax and Bermudas Cable Co., Ltd.	87,930 00	25,200 00	62,730 00						62,730 00	
Marconi Wireless Telegraph Co. of Canada	306,615 47	285,552 85	21,062 62						21,062 62	
North American Telegraph Co.	16,475 68	14,115 24	2,360 44	3,353 17	14 55			3,367 72	5,728 16	
Pacific Cable Board	113,657 52	85,753 07	27,904 45						27,904 45	
Temiskaming and Northern Ontario Railway Commission	24,912 01	13,190 72	11,721 29						11,721 29	
Western Union Telegraph Co.	732,364 70	494,052 24	238,312 46						238,312 46	
Totals.	5,294,593 49	3,467,058 71	1,857,672 53	3,353 17	11,134 03	1,312 50		15,799 70	1,873,472 23	30,137 75

TABLE 4.—Income Account (*Continued*).

Name of Telegraph Company.	DEDUCTIONS.				NET CORPORATE INCOME.		DISPOSAL OF NET CORPORATE INCOME.					Balance to Profit and Loss.		
	Taxes.	Interest on Bonds.	Other Deductions.	Total Deductions.	Income.	Loss.	Dividends.		Sinking Fund.	Reserve	Total.			
							Common Stock.	Preferred Stock.			Cr.	Dr.		
*Canadian Northern Telegraph Co.	\$ 1,426 72				\$ 1,426 72	\$ 58,665 67							\$ 58,665 67	
Canadian Pacific Ry Co.						\$ 1,121,734 34								\$ 1,121,734 34
Grand Trunk Pacific Telegraph Co.							\$ 30,137 75							\$ 30,137 75
Great North Western Telegraph Co. of Canada.	\$ 21,907 13	\$ 20,000 00	\$ 20,231 09	\$ 62,138 22	\$ 262,048 30			\$ 211,914 00						\$ 22,137 57
Halifax and Bermudas Cable Co., Ltd.						\$ 62,730 00		\$ 15,000 00						\$ 47,730 00
Marconi Wireless Tel. Co. of Canada.							\$ 21,062 62							\$ 21,062 62
North American Tel Co.	\$ 848 15		\$ 6,676 85	\$ 7,525 00			\$ 1,796 84							\$ 1,796 84
Pacific Cable Board.						\$ 27,904 45								\$ 27,904 45
Temiskaming and Northern Ontario Ry. Commission.							\$ 11,721 29							\$ 11,721 29
Western Union Telegraph Co.							\$ 238,312 46							\$ 238,312 46
Totals.	\$ 24,182 00	\$ 20,000 00	\$ 26,907 94	\$ 71,089 94	\$ 1,804,179 13	\$ 31,934 59	\$ 226,914 00							\$ 31,934 59

* For six months ending Dec. 31, 1914.

† Rental of leased lines.

TABLE 5.—Pole Mileage and Wire Mileage by Classes.

Name of Company.	Address.	POLE MILEAGE.		WIRE MILEAGE.			Multiple.	
		Operated by Company.	Operated by Another Company.	Galvanized.	Copper Wire.			
					Overhead.	Under- ground.	Submarine.	
Canadian Northern Telegraph Company.....	Toronto.....	Miles.	Miles.	Miles.	Miles.	Miles.	Miles.	Miles.
Canadian Pacific Railway Co.....	Montreal.....	6,387.60	75.00	19,013.90	603.80	51.70	.....	450.00
Dominion Government Telegraph Service.....	Ottawa.....	14,338.00	.....	47,743.00	18,315.00	402.00	114.00	37,046.00
Grand Trunk Pacific Telegraph Co.....	Montreal.....	10,487.50	.....	11,096.25	346.00	.....	353.25	.....
Great North Western Telegraph Co. of Canada.....	Toronto.....	3,185.25	.....	8,187.25	6,413.25	.....	.....	.....
North American Telegraph Co.....	Kingston, Ont.....	9,305.00	.....	27,101.00	2,126.00	255.00	131.00	3,340.00
Temiskaming and Northern Ontario Ry. Com.....	Toronto.....	44.00	.....	664.00	.....	.....	.....	.....
Western Union Telegraph Co.....	New York.....	330.00	.....	1,407.00	.....	.....	.....	.....
Totals.....	.....	2,819.31	46,896.66	17,130.60	†8.40	†39.00	†51.10	*446.90
				132,343.00	27,812.45	747.70	649.35	41,282.90

†Cables. *Conductor mileage.

TABLE 6.—Messages, Employees, Remuneration, etc.

Name of Company.	Address.	Number of Land Messages.	Number of Cable- grams.	NUMBER OF OPERATORS		Number Other Officers and Employees.	Salaries and Wages.	Amount of Financial Paper Handled.
				Male.	Female.			
* Canadian Northern Telegraph Co.	Toronto.....	580,930	4,042	60	5	129	60,910 06	.....
Canadian Pacific Railway Co.	Montreal.....	3,584,423	247,846	431	91	1,015	1,183,427 94	590,061 79
Dominion Government Telegraph Service	Ottawa.....	377,849	.....	780	122	168	402,596 64	.....
Grand Trunk Pacific Telegraph Co.	Montreal.....	144,164	.....	175	3	42	82,633 44	.....
Great North Western Telegraph Co. of Canada	Toronto.....	4,310,592	350,414	1,821	82	483	618,809 43	75,193 13
Halifax and Bermudas Cable Co., Ltd.	London, Eng.....	.....	.....	.....	.....	.....	18,500 00	.....
Marconi Wireless Telegraph Co. of Canada, Ltd.	Montreal.....	75,713	133,671	160	.....	70	154,027 63	.....
North American Telegraph Co.	Kingston, Ont.....	81,035	3,974	38	16	4	4,601 16	.....
Pacific Cable Board	London, Eng.....	.....	.....	40	.....	18	69,601 07	.....
Temiskaming and Northern Ontario Ry. Com.	Toronto.....	119,453	1,306	3	1	4	3,779 00	.....
Western Union Telegraph Co.	New York.....	677,976	236,136	169	13	300	347,441 37	.....
Totals.....		9,952,135	977,389	3,677	333	2,233	2,946,327 74	665,254 92

* For six months ending Dec. 31, 1914.

TABLE 7.—Pole Mileage by Provinces.

Name of Company.	Nova Scotia.	New Brunswick.	Prince Edward Island.	Quebec.	Ontario.	Manitoba.	Saskatchewan.	Alberta.	British Columbia.	Yukon.
	Miles.	Miles.	Miles.	Miles.	Miles.	Miles.	Miles.	Miles.	Miles.	Miles.
Canadian Northern Telegraph Co.					963.40	*2,103.90	2,117.10	1,182.20	96.00	
Canadian Pacific Railway Co.	543.00	462.00		1,246.00	3,953.00	1,730.00	2,776.00	1,885.00	1,743.00	
Dominion Government Telegraph Service.	847.00	88.25	† 14.00	2,144.25	28.00		947.50	1,193.00	4,639.50	586.00
Grand Trunk Pacific Telegraph Co.					365.50	306.50	1,107.25	689.00	717.00	
Great North Western Telegraph Co. of Canada.		455.00		3,398.00	5,382.00	70.00				
North American Telegraph Co.					44.00					
Temiskaming and Northern Ontario Ry. Commission.					330.00					
Western Union Telegraph Co.	1,554.00	995.00		48.00	98.50				123.81	
Total.	2,944.00	2,000.25	14.00	6,836.25	11,164.40	4,210.40	6,947.85	4,949.20	7,319.31	586.00

*43.50 miles in State of Minnesota.

†In Newfoundland.

TABLE 8.—Wire Mileage by Provinces.

Name of Company.	Nova Scotia.	New Brunswick.	Prince Edward Island.	Quebec.	Ontario.	Manitoba.	Saskatchewan.	Alberta.	British Columbia.	Yukon.
	Miles.	Miles.	Miles.	Miles.	Miles.	Miles.	Miles.	Miles.	Miles.	
Canadian Northern Telegraph Co.					2,762·10	*7,673·00	6,176·80	3,315·50	192·00	
Canadian Pacific Railway Co.	2,577·00	2,878·00		9,359·00	35,502·00	11,483·00	16,018·00	14,253·00	11,550·00	
Dominion Government Telegraph Service.	993·50	118·25	†14·00	2,398·00	45·00		1,034·50	1,221·00	5,028·25	586·00
Grand Trunk Pacific Telegraph Co.					1,166·75	1,784·75	3,832·75	3,705·25	4,111·00	
Great North Western Telegraph Co. of Canada.		457·00		10,774·00	20,778·00	944·00				
North American Telegraph Co.					664·00					
Temiskaming and Northern Ontario Ry. Commission.					1,407·00					
Western Union Telegraph Co.	7,903·95	5,237·55		48·00	3,858·50				628·00	
Total.	11,474·45	8,690·80	14·00	22,579·00	66,183·35	21,884·75	27,062·05	22,494·75	21,866·25	586·00

* 596·80 miles in State of Minnesota.

† In Newfoundland.

TABLE 9.—Number of Offices by Provinces.

Name of Company.	Nova Scotia.	New Brunswick.	Prince Edward Island.	Quebec.	Ontario.	Manitoba.	Saskatchewan.	Alberta.	British Columbia	Yukon.	Total.
Canadian Northern Telegraph Co.,					117	123	151	45			441
Canadian Pacific Railway Co.	26	24		220	486	165	237	146	142		1,446
Dominion Government Telegraph Service.	126	30	†2	180	8		26	31	450	17	870
Grand Trunk Pacific Telegraph Co.					14	14	53	30	22		133
Great North Western Telegraph Co. of Canada.		40		412	549	113	143	44		* 37	1,338
North American Telegraph Co.					46						46
Temiskaming and Northern Ontario Railway Commission.					26						26
Western Union Telegraph Co.	136	65		5					29		235
Totals.	288	159	2	817	1,246	420	610	296	643	54	4,535

* In the United States.

† In Newfoundland.

