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DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

PUBLIC UTILITIES BRANCH

TELEGRAPH STATISTICS

For

1930



Published by Authority of the Hon. H. H. Stevens, M.P.,
Minister of Trade and Commerce

OTTAWA

1931

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DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

Dominion Statistician, R.H. Coats, B.A., F.S.S., (Hon.), F.R.S.C.
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

TELEGRAPH STATISTICS

FOR

1930

Gross revenues of all telegraph and cable systems operating in Canada during 1930 amounted to \$14,264,997, which was a decrease from the 1929 revenues of \$1,991,444, or 12.2 per cent, and operating expenses amounted to \$11,791,291, or \$799,077 less than in 1929, the total net revenues being \$2,473,706, as against \$3,666,077 in 1929.

Pole line mileage amounted to 52,824 miles which was 11 miles less than for 1929, but wire mileage increased by 10,864 miles, amounting to 371,747 miles at the end of the year.

The total number of employees was 7,331, or a decrease of 725 from the 1929 total, and salaries and wages for the year amounted to \$8,674,453, excluding \$315,394 commissions paid by the Canadian National and Canadian Pacific systems to operators not considered employees of their commercial telegraph systems.

The number of telegraph offices in Canada decreased by 104, or to 4,661. These included 37 offices of Canadian companies located in other countries, principally in the United States.

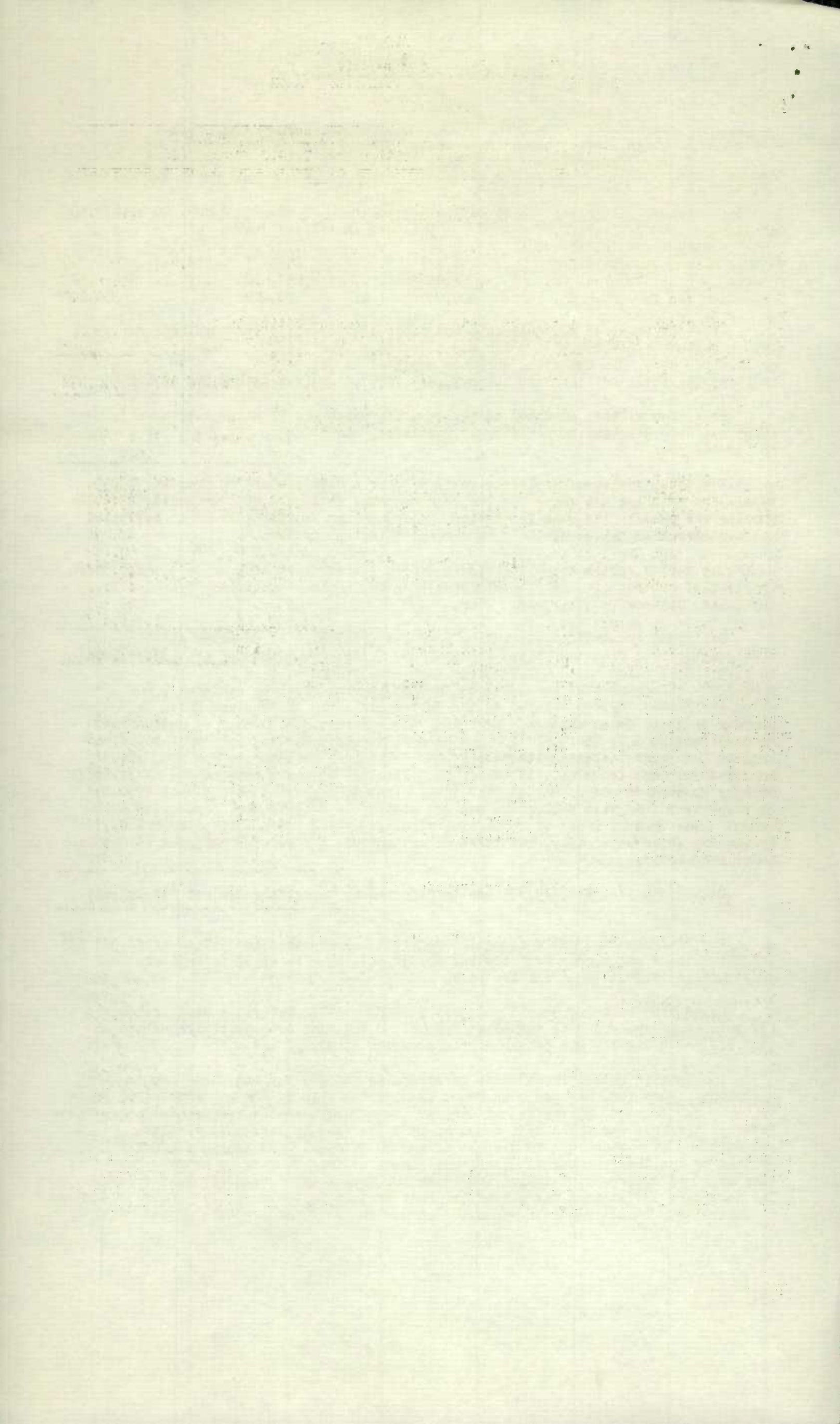
Telegrams transmitted, including messages originated at Canadian stations and messages received from the United States lines destined to Canadian stations, amounted to 15,558,224, which was 2,471,749 less than were transmitted in 1929. The total number of cablegrams sent was 1,142,696 and cablegrams received numbered 5,602,524, which included 4,709,556 relayed to the United States by the Western Union Telegraph Company at their Canso station. Excluding these relays, the number of cablegrams received amounted to 892,968. For the Marconi Wireless System, only messages from land to land were included with cablegrams. Wireless messages to and from ships and stations were included with telegrams. Wireless messages originating at stations of other companies and forwarded over their wires to Marconi stations were included by these companies with cablegrams and the statistics contain duplications to that extent. The various types of commercial wireless messages transmitted by the Marconi System are shown separately, but these do not include the service messages to and from ships and stations.

During the year \$10,213,475 was transferred by telegraph, against \$11,295,857 in 1929.

The telegraph and cable companies reported new construction valued at \$2,395,879 and alterations and repair work costing \$1,782,117, or a total of expenditure for construction of \$4,177,996 for the year.

Poles used numbered 54,515 and cost \$277,215, other materials used included 177 tons of galvanized wire valued at \$17,007, 2,165 tons of copper wire valued at \$503,073 and batteries and other materials valued at \$2,277,588.

The Pacific Cable, from Canada to Australia and New Zealand, has been in operation since 1902 and has been owned by a partnership of the governments of Great Britain, New Zealand, Australia and Canada. As a result of the recommendation of the Imperial Wireless and Cable Conference of 1928, in view of increased wireless competition, it was decided to dispose of the Pacific and West Indian Islands cable systems to the Imperial and International Communications Company, a company formed to take over all Empire-owned cables and lease the Empire-owned beam wireless systems. The necessary legislation was passed by Great Britain in February, 1929, and by Canada in June, 1929, Canada receiving \$591,662 as her share of the proceeds of the sale.



TELEGRAPH STATISTICS

Table 1.

CAPITAL STOCK

Year ended December 31, 1930

Company	: Common	: Preferred:	Total	: Funded	Total
	: Stock	: Stock	: Stock	: Debt	
Canadian National Telegraphs	\$ 873,625	....	\$873,625	\$ 800,000	\$1,673,625
Canadian Pacific Railway Co.	Included in railway report				
Dominion Government Tel. Service	.....	....	.....	.....	.....
Halifax & Bermudas Cable Co.	242,778	....	242,778	318,987	561,765
Canadian Marconi Wireless Co.	4,554,682	....	4,554,682	.....	4,554,682
North American Telegraph Co.	200,000	....	200,000	.....	200,000
Pacific Cable Board	.....	....	.....	.....	.....
Temiskaming & N. Ontario Ry. Comm.	.....	....	.....	.....	.....
Western Union Telegraph Co.	.....	....	.....	.....	.....
Total	5,871,085	....	5,871,085	1,118,937	6,990,072

Table 2.

COST OF PROPERTY & EQUIPMENT

Year ended Dec. 31st

1930 1929

Canadian National Telegraphs	\$19,041,453	\$18,222,396
Canadian Pacific Railway Co.	15,728,708	13,923,208
Dominion Government Telegraph Service	2,619,597	2,773,229
Halifax & Bermudas Cable Co.	27,258	27,258
Canadian Marconi Wireless Co.	1,462,270	1,250,194
North American Telegraph Co.	15,959	15,947
Pacific Cable Board	.....	.....
Temiskaming & Northern Ontario Ry. Comm.	217,077	193,309
Western Union Telegraph Co.	1,407,728	1,341,867
Total	40,520,050	37,747,408

Table 3.

GROSS REVENUE

Canadian National Telegraphs	\$6,203,649	\$6,885,869
Canadian Pacific Railway Co.	5,412,353	6,011,458
Dominion Government Telegraph Service	356,469	356,485
Halifax & Bermudas Cable Co.	272,453	131,563
Canadian Marconi Wireless Co.	870,740	960,694
North American Telegraph Co.	708,804	862,160
Pacific Cable Board	119,725	160,777
Temiskaming & Northern Ontario Ry. Comm.	85,384	110,553
Western Union Telegraph Co.	235,415	776,882
Total	14,264,997	16,256,441

Source

Local messages	\$6,593,665	\$7,444,306
Conjoint messages	2,292,693	2,641,839
Press reports	333,221	405,539
Market reports	598,544	712,993
Cablegrams	1,265,988	1,625,887
Money orders	167,173	186,332
Leased wires	2,223,942	2,398,341
Miscellaneous	789,771	841,204
Total	14,264,997	16,256,441

TELEGRAPH STATISTICS

Table 4.

OPERATING EXPENSES

Company	Year ended Dec. 31st	
	1930	1929
Canadian National Telegraphs	\$5,393,442	\$5,675,976
Canadian Pacific Railway Co.	3,275,789	3,445,524
Dominion Government Telegraph Service	693,172	723,579
Halifax & Bermudas Cable Co.	98,378	84,683
Canadian Marconi Wireless Co.	754,109	774,928
North American Telegraph Co.	703,117	852,206
Pacific Cable Board	462,095	446,301
Temiskaming & Northern Ontario Ry. Comm.	37,058	45,077
Western Union Telegraph Co.	374,131	542,090
Total	11,791,291	12,590,364

Source

Maintenance - Line and equipment	\$1,756,321	\$2,183,693
Buildings, offices, etc.	112,560	303,170
Operation - Salaries of operators, agents, etc.	6,650,645	6,541,726
Commissions	537,968	603,309
Local office expenses, materials	1,067,355	1,190,024
General - Salaries of general office clerks and officers	703,518	666,273
Insurance	22,193	23,115
Legal expenses	8,087	3,117
Miscellaneous	932,644	1,075,937
Total	11,791,291	12,590,364

Table 5.

NET OPERATING REVENUE

Company			
Canadian National Telegraphs		\$ 810,207	\$1,209,893
Canadian Pacific Railway Co.		2,136,564	2,565,934
Dominion Government Telegraph Service	Dr.	336,703	Dr. 367,094
Halifax & Bermudas Cable Co.		174,080	46,880
Canadian Marconi Wireless Co.		116,631	185,766
North American Telegraph Co.		5,687	9,954
Pacific Cable Board	Dr.	342,370	Dr. 285,524
Temiskaming & Northern Ontario Ry. Comm.		48,326	65,476
Western Union Telegraph Co.	Dr.	138,716	234,792
Total		2,473,706	3,666,077

TELEGRAPH STATISTICS

Table 6.

INCOME ACCOUNT

Company	Additions to Income		Gross Corporate Income	
	1930	1929	1930	1929
Canadian National Telegraphs	\$ 65,040	\$ 65,502	\$ 875,247	\$1,275,395
Canadian Pacific Railway Co.	...	...	2,136,564	2,565,934
Dominion Govt. Telegraph Service	...	...	Dr. 336,703	Dr. 367,094
Halifax & Bermudas Cable Co.	126	7,271	174,206	54,151
Canadian Marconi Wireless Co.	1,863,052	1,663,320	1,979,683	1,849,086
North American Telegraph Co.	5,244	5,152	10,931	15,106
Pacific Cable Board	...	...	Dr. 342,370	Dr. 285,524
Temiskaming & N. Ont. Ry. Comm.	...	...	48,326	65,476
Western Union Telegraph Co.	...	...	Dr. 138,716	234,792
Total	1,933,462	1,741,245	4,407,168	5,407,322

Company	Deductions from Income		Net Corporate Income	
	1930	1929	1930	1929
Canadian National Telegraphs	\$ 990,570	\$ 921,441	Dr. \$115,323	\$ 353,954
Canadian Pacific Railway Co.	301,874	271,288	1,834,690	2,294,646
Dominion Govt. Telegraph Service	...	...	Dr. 336,703	Dr. 367,094
Halifax & Bermudas Cable Co.	38,117	177,885	136,089	Dr. 123,734
Canadian Marconi Wireless Co.	1,690,627	1,327,891	289,056	521,195
North American Telegraph Co.	4,311	4,209	6,620	10,897
Pacific Cable Board	...	...	Dr. 342,370	Dr. 285,524
Temiskaming & N. Ont. Ry. Comm.	...	...	48,326	65,476
Western Union Telegraph Co.	361	27,821	Dr. 139,077	206,971
Total	3,025,860	2,730,535	1,381,308	2,676,787

Table 7.

POLE LINE MILEAGE

Company	Year ended Dec. 31st	
	1930	1929
Canadian National Telegraphs	24,828	24,565
Canadian Pacific Railway Co.	16,919	16,794
Dominion Government Telegraph Service	9,351	9,848
Temiskaming & Northern Ontario Ry. Comm.	549	450
Western Union Telegraph Co.	1,177	1,178
Total	52,824	52,835

Province	1930	1929
Prince Edward Island	276	276
Nova Scotia	3,241	3,204
New Brunswick	2,693	2,695
Quebec	6,928	6,924
Ontario	11,466	11,372
Manitoba	4,535	4,481
Saskatchewan	8,834	8,565
Alberta	5,950	5,603
British Columbia	7,581	8,401
Yukon	650	650
Newfoundland	14	14
United States	656	650
Total	52,824	52,835

TELEGRAPH STATISTICS

Table 8.

WIRE MILEAGE

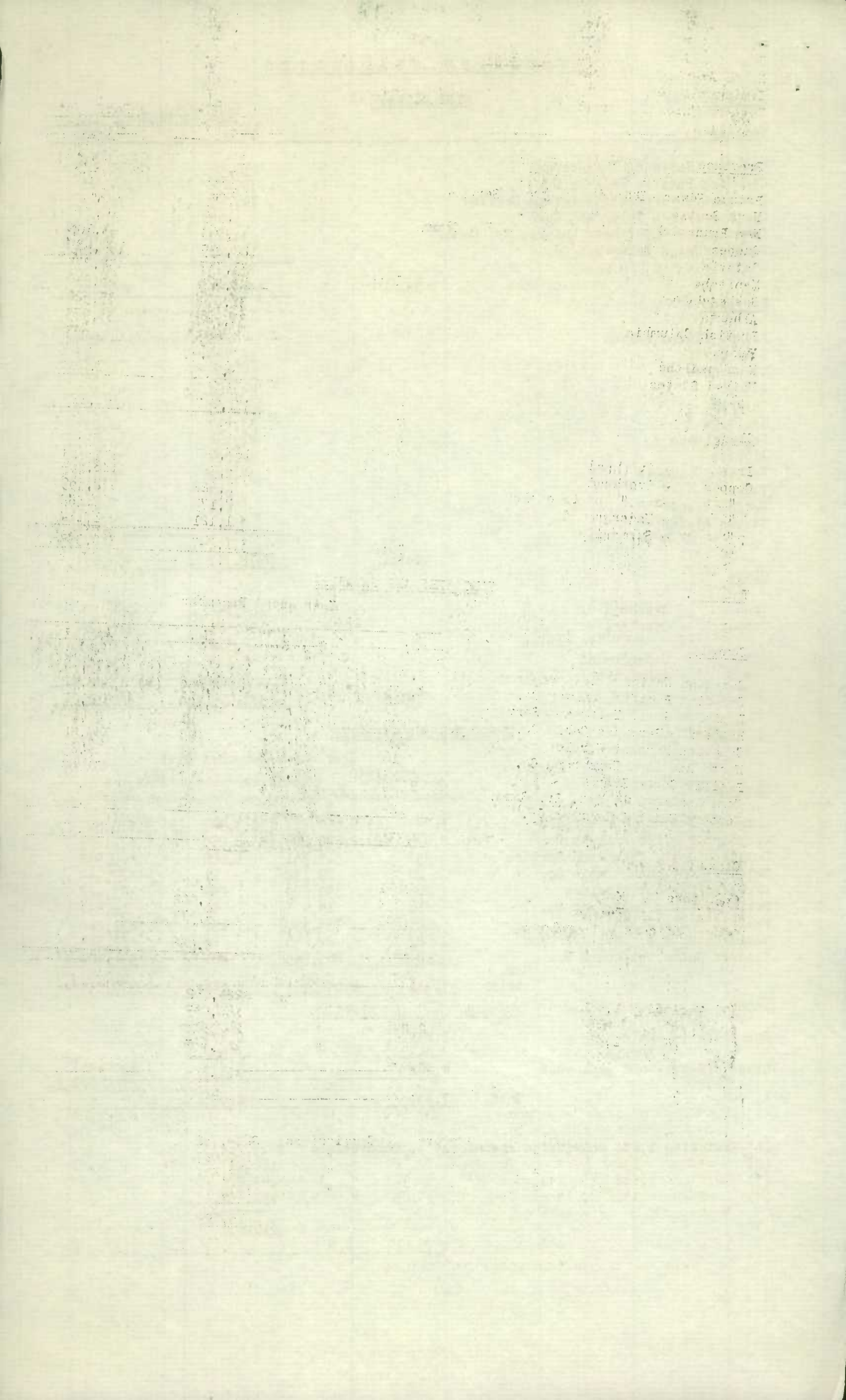
Company	Year ended Dec. 31st	
	1930	1929
Canadian National Telegraphs	169,163	166,121
Canadian Pacific Railway Co.	176,236	167,664
Dominion Government Telegraph Service	11,399	12,455
North American Telegraph Co.	445	445
Temiskaming & Northern Ontario Ry. Comm.	3,513	3,288
Western Union Telegraph Co.	10,991	10,910
	<hr/>	<hr/>
Total	371,747	360,883
<u>Province</u>		
Prince Edward Island	886	875
Nova Scotia	15,775	15,537
New Brunswick	16,569	16,183
Quebec	44,868	43,300
Ontario	128,239	124,583
Manitoba	33,737	32,273
Saskatchewan	47,765	45,940
Alberta	38,074	35,520
British Columbia	37,922	38,973
Yukon	653	653
Newfoundland	14	14
United States	7,245	7,032
	<hr/>	<hr/>
Total	371,747	360,883
<u>Class</u>		
Iron - Overhead	164,142	164,724
Copper - Overhead	196,389	186,604
" - " in cables	2,922	2,559
" - Underground	7,173	5,882
" - Submarine	1,121	1,114
	<hr/>	<hr/>
Total	371,747	360,883

Table 9.

EMPLOYEES AND SALARIES

Company	Year ended December 31st			
	1930		1929	
	No.	Amount	No.	Amount
Canadian National Telegraphs	(1) 3,747	(1) 4,650,221	(3) 3,927	(3) 4,875,523
Canadian Pacific Railway Co.	(2) 2,075	(2) 2,582,206	(4) 2,259	(4) 2,872,205
Dominion Govt. Telegraph Service	933	513,351	1,100	560,938
Halifax & Bermudas Cable Co.	20	29,132	21	27,144
Canadian Marconi Wireless	266	359,809	294	383,822
North American Telegraph Co.	16	15,473	16	14,891
Pacific Cable Board	123	237,330	132	231,286
Temiskaming & N. Ont. Ry. Comm.	27	22,946	26	22,663
Western Union Telegraph Co.	124	263,985	281	391,307
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Total	7,331	8,674,453	8,056	9,379,779
<u>Class</u>				
Operators - Male	2,231		2,477	
Female	858		1,002	
Other officers and employees	4,242		4,577	
	<hr/>		<hr/>	
Total	7,331		8,056	

(1) Excluding 1,861 commission operators - Commissions	\$229,762
(2) " 132 " " "	160,087
(3) " 1,868 " " "	243,878
(4) " 138 " " "	181,667
	<hr/>
	815,394



TELEGRAPH STATISTICS

Table 10

NUMBER OF OFFICES

Company	Year ended Dec. 31st			
	1930		1929	
Canadian National Telegraphs	(1)	2,130	(1)	2,135
Canadian Pacific Railway Co.	(6)	1,639	(2)	1,642
Dominion Government Telegraph Service	(3)	796	(3)	895
Halifax & Bermudas Cable Co.	(4)	3	(4)	3
Canadian Marconi Wireless Co.	(5)	30	(5)	31
North American Telegraph Co.		18		18
Pacific Cable Board		4		4
Temiskaming & Northern Ontario Ry. Comm.		41		38
Western Union Telegraph Co.		..		..
Total		4,661		4,766

- (1) Includes 7 outside of Canada
- (2) " 15 " " "
- (3) " 2 in Newfoundland
- (4) " 2 outside of Canada
- (5) " 12 " " "
- (6) " 14 " " "

Province

Prince Edward Island	34	36
Nova Scotia	259	253
New Brunswick	166	175
Quebec	858	860
Ontario	1,229	1,233
Manitoba	330	317
Saskatchewan	696	701
Alberta	393	387
British Columbia	644	751
Yukon	15	15
Outside of Canada	37	38
Total	4,661	4,766

Table 11

MESSAGES

Telegrams Sent (By Provinces)

Province	1930	1929
Prince Edward Island	74,420	67,847
Nova Scotia	798,883	747,358
New Brunswick	641,331	669,788
Quebec	2,529,709	2,732,504
Ontario	3,990,359	4,677,344
Manitoba	1,379,944	1,513,691
Saskatchewan	844,628	1,060,902
Alberta	991,603	1,168,053
British Columbia	1,583,596	1,870,077
Yukon	106,279	103,777
Outside of Canada #	30,231	31,771
# On Canadian lines in U.S.A. Total	12,970,983	14,643,112

MESSAGES SENT AND RECEIVED

Land Messages

Company	1930		1929	
	Sent	: Received : : from U.S.A. ::	Sent	: Received : : from U.S.A. :
Canadian National Telegraphs	6,643,102	1,927,469	7,064,922	2,423,286
Canadian Pacific Railway Co.	5,645,624	570,867	6,415,646	843,559
Dominion Govt. Telegraph Service	495,562	.....	537,080	.....
Canadian Marconi Wireless Co.	+ 28,520	+ 51,464	+ 36,484	+ 78,124
North American Telegraph Co.	44,323	34,359	49,389	38,125
Temiskaming & N. Ont. Ry. Comm.	113,852	3,082	125,085	3,767
Western Union Telegraph Co.	.....	.....	414,506	.....
Total	12,970,983	2,587,241	14,643,112	3,386,861

+ Messages to and from ships and stations.

TELEGRAPH STATISTICS

Table 11 - Cont'd.

NUMBER OF CABLEGRAMS

Company	1930		1929	
	Sent	: Received	Sent	: Received
Canadian National Telegraphs	(1) 411,137	(1) 332,510	(1) 452,149	(1) 386,718
Canadian Pacific Railway Co.	339,975	313,853	364,042	303,370
Halifax & Bermudas Cable Co.	90,732	112,258	43,662	54,122
Canadian Marconi Wireless Co.	(2) 115,491	(2) 117,855	(2) 119,078	(2) 135,084
North American Telegraph Co.	797	846	784	803
Pacific Cable Board	17,846	15,096	20,380	18,586
Temiskaming & N. Ont. Ry. Comm.	956	550	1,121	583
Western Union Telegraph Co.	165,762	(3)4,709,556	149,922	(3)3,160,522
Total	1,142,696	5,602,524	1,151,138	4,059,788
Total excluding relays		892,968		899,266

- (1) Includes messages to and from wireless stations.
- (2) Includes only messages from land to land.
- (3) Cablegrams relayed.

/ MARCONI WIRELESS MESSAGES

	Year ended Dec. 31st					
	Nova Scotia		Quebec		Ontario	
	1930	: 1929	: 1930	: 1929	: 1930	: 1929
Private messages sent to ships and stations	6,983	13,821	12,371	12,460	4,037	5,307
Private messages received from ships and stations	15,100	40,756	16,757	17,203	11,032	13,238
Messages sent to Government ships	277	350	1,415	1,307	375	493
Messages received from Government ships	736	904	1,825	1,753	454	357
Government messages sent to stations	1,004	1,009	1,747	1,507	311	230
Government messages received from stations	2,238	2,027	3,072	1,642	250	244
Total	26,338	58,867	37,187	35,872	16,459	19,869

/ Included in total of telegrams.

Table 12.

MONEY TRANSFERS FORWARDED
(Including those received from Foreign Countries)

Company	Year ended Dec. 31st	
	1930	1929
Canadian National Telegraphs	\$8,437,203	\$9,167,792
Canadian Pacific Railway Co.	1,755,397	1,853,093
North American Telegraph Co.	20,875	24,939
Western Union Telegraph Co.	250,033
Total	10,213,475	11,295,857



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RESEARCH REPORT IN BRIEF

Table 1

Year	1954	1955	1956	1957	1958
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RESEARCH REPORT IN BRIEF

Table 2

Year	1954	1955	1956	1957	1958
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