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TELEGRAPH STATISTICS

For

1929



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Minister of Trade and Commerce

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OTTAWA

1930

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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.
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TELEGRAPH STATISTICS

FOR

1929

Gross revenues of all telegraph and cable systems operating in Canada during 1929 amounted to \$16,256,441 which was an increase over the 1928 revenues of \$1,515,800, or 10.2 per cent, and operating expenses amounted to \$12,590,364, or \$943,301 in excess of the 1928 expenses, the total net revenues being \$3,666,077 as against \$3,093,578 in 1928.

Pole line mileage amounted to 52,835 miles which was 942 miles less than for 1928, but wire mileage increased by 22,912 miles, amounting to 360,883 miles at the end of the year.

The total number of employees was 8,056, or an increase of 417 over the 1928 total, and salaries and wages for the year amounted to \$9,379,779, excluding \$425,545 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 143 during the year, or to 4,766. These included 38 offices of Canadian companies located in other countries, principally the United States.

Telegrams transmitted, including messages originated at Canadian stations and messages received from United States lines destined to Canadian stations, amounted to 18,029,973, which was 1,172,753 more than were transmitted in 1928. The total number of cablegrams sent was 1,151,138 and cablegrams received numbered 4,059,788, which included 3,160,522 cablegrams 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 899,266. 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 those 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 \$11,295,857 was transferred by telegraph as against \$9,776,090 in 1928.

The telegraph and cable companies reported new construction valued at \$3,050,123 and alterations and repair work costing \$1,796,632, or a total expenditure for construction of \$4,846,755 for the year.

Poles used numbered 64,322 and cost \$316,817. Materials used included 270 tons of galvanized wire valued at \$31,021, 2,025 tons of copper wire valued at \$900,116, and batteries and other materials valued at \$2,148,498.

During the year the Canadian National acquired the Maritime lines formerly operated by the Western Union Telegraph Company and the Dominion Government System sold 1,006 miles of pole line in southern districts of British Columbia.

1888

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TELEGRAPH STATISTICS

<u>Table 1</u> Company	<u>GROSS REVENUE</u>	Year ended Dec. 31st	
		1929	1928
Canadian National Telegraphs		\$6,885,869	\$5,607,295
Canadian Pacific Railway Company		6,011,458	5,668,258
Dominion Government Telegraph Service		356,485	298,663
Halifax and Bermudas Cable Company		131,563	221,855
Canadian Marconi Wireless Company		960,694	866,275
North American Telegraph Company		862,160	573,930
Pacific Cable Board		160,777	185,134
Temiskaming & Northern Ontario Railway Commission		110,553	118,213
Western Union Telegraph Company		776,882	1,201,018
	Total	16,256,441	14,740,641

Source

Local Messages	\$7,444,306	\$7,000,077
Conjoint Messages	2,641,839	2,754,935
Press Reports	405,539	118,213
Market Reports	712,993	499,484
Cablegrams	1,625,887	1,721,308
Money Orders	186,332	158,871
Leased Wires	2,398,341	1,757,245
Miscellaneous	841,204	730,508
	Total	16,256,441

Table 2

OPERATING EXPENSES

<u>Company</u>		
Canadian National Telegraphs	\$5,675,976	\$4,441,009
Canadian Pacific Railway Company	3,445,524	3,439,270
Dominion Government Telegraph Service	723,579	840,451
Halifax and Bermudas Cable Company	84,683	65,611
Canadian Marconi Wireless Company	774,928	814,885
North American Telegraph Company	852,206	559,457
Pacific Cable Board	446,301	471,289
Temiskaming & Northern Ontario Railway Commission	45,077	43,285
Western Union Telegraph Company	542,090	971,806
	Total	12,590,364

Source

Maintenance - Line and Equipment	\$2,183,693	\$2,131,451
Buildings, Offices, etc.	303,170	23,031
Operation - Salaries of operators, agents, etc.	6,541,726	6,573,919
Commissions	603,309	269,295
Local Office Expenses, Materials	1,190,024	737,468
General - Salaries of General Office Clerks and Officers	666,273	1,176,222
Insurance	23,115	16,455
Legal Expenses	3,117	691
Miscellaneous	1,075,937	718,531
	Total	12,590,364

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TELEGRAPH STATISTICS

Table 3.

NET OPERATING REVENUES

Company	Year ended Dec. 31st	
	1929	1928
Canadian National Telegraphs	\$1,209,893	\$1,166,286
Canadian Pacific Railway Company	2,565,934	2,228,988
Dominion Government Telegraph Service	Dr. 367,094	Dr. 541,788
Halifax and Bermudas Cable Company	46,880	156,244
Canadian Marconi Wireless Company	185,766	51,390
North American Telegraph Company	9,954	14,473
Pacific Cable Board	Dr. 285,524	Dr. 286,155
Temiskaming & Northern Ontario Railway Commission	65,476	74,928
Western Union Telegraph Company	234,792	229,212
Total	<u>3,666,077</u>	<u>3,093,578</u>

Table 4

INCOME ACCOUNT

Company	Additions to Income		Gross Corporate Income	
	1929	1928	1929	1928
Canadian National Telegraphs	\$ 65,502	\$ 78,808	\$1,275,395	\$1,245,094
Canadian Pacific Railway Co.	...	...	2,565,934	2,228,988
Dominion Govt. Telegraph Service	...	...	Dr. 367,094	Dr. 541,788
Halifax & Bermudas Cable Co.	7,271	28,869	54,151	185,113
Canadian Marconi Wireless Co.	1,663,320	1,473,265	1,849,086	1,524,655
North American Telegraph Co.	5,152	...	15,106	14,473
Pacific Cable Board	...	...	Dr. 285,524	Dr. 286,155
Temiskaming & Northern Ont. Ry. Comm.	...	...	65,476	74,928
Western Union Telegraph Company	...	...	234,792	229,212
Total	<u>1,741,245</u>	<u>1,580,942</u>	<u>5,407,322</u>	<u>4,674,520</u>

Company	Deductions from Income		Net Corporate Income	
	1929	1928	1929	1928
Canadian National Telegraphs	\$ 921,441	\$ 491,495	\$ 353,954	\$ 753,599
Canadian Pacific Railway Co.	271,288	50,895	2,294,646	2,178,093
Dominion Govt. Telegraph Service	...	...	Dr. 367,094	Dr. 541,788
Halifax and Bermudas Cable Co.	177,885	33,407	Dr. 123,734	151,706
Canadian Marconi Wireless Co.	1,327,891	1,183,427	521,195	341,228
North American Telegraph Co.	4,209	7,155	10,897	7,318
Pacific Cable Board	...	...	Dr. 285,524	Dr. 286,155
Temiskaming & Northern Ont. Ry. Comm.	...	...	65,476	74,928
Western Union Telegraph Company	27,821	27,565	206,971	201,647
Total	<u>2,730,535</u>	<u>1,793,944</u>	<u>2,676,787</u>	<u>2,880,576</u>

TELEGRAPH STATISTICS

<u>Table 5</u> Company	<u>POLE LINE MILEAGE</u>	
	Year ended Dec. 31st	
	1929	1928
Canadian National Telegraphs	24,565	23,412
Canadian Pacific Railway Company	16,794	16,429
Dominion Government Telegraph Service	9,848	10,765
Temiskaming & Northern Ontario Railway Commission	450	450
Western Union Telegraph Company	1,178	2,721
Total	<u>52,835</u>	<u>53,777</u>

Province

Prince Edward Island	276	274
Nova Scotia	3,204	3,303
New Brunswick	2,695	2,912
Quebec	6,924	6,955
Ontario	11,372	11,494
Manitoba	4,481	4,417
Saskatchewan	8,565	8,353
Alberta	5,603	5,505
British Columbia	8,401	9,259
Yukon	650	650
Newfoundland	14	14
United States	650	641
Total	<u>52,835</u>	<u>53,777</u>

Table 6.WIRE MILEAGE

<u>Company</u>		
Canadian National Telegraphs	166,121	141,523
Canadian Pacific Railway Company	167,664	160,287
Dominion Government Telegraph Service	12,455	14,299
North American Telegraph Company	445	445
Temiskaming and Northern Ontario Railway Commission	3,288	3,288
Western Union Telegraph Company	10,910	18,129
Total	<u>360,883</u>	<u>337,971</u>

Province

Prince Edward Island	875	882
Nova Scotia	15,537	14,743
New Brunswick	16,183	15,685
Quebec	43,300	39,067
Ontario	124,583	118,041
Manitoba	32,273	29,991
Saskatchewan	45,940	43,680
Alberta	35,520	31,275
British Columbia	38,973	37,244
Yukon	653	650
Newfoundland	14	14
United States	7,032	6,699
Total	<u>360,883</u>	<u>337,971</u>

Class

Iron - Overhead	164,724	167,316
Copper - Overhead	186,604	162,945
" " in cables	2,559	2,359
" Underground	5,882	4,295
" Submarine	1,114	1,056
Total	<u>360,883</u>	<u>337,971</u>

MEMORANDUM FOR THE RECORD

DATE: 11/11/54

TO: SAC, NEW YORK

FROM: SAC, NEW YORK

RE: [Illegible]

100-100000

100-100000

100-100000

100-100000

100-100000

100-100000

100-100000

100-100000

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100-100000

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TELEGRAPH STATISTICS

Table 7.

EMPLOYEES AND SALARIES

	Year ended Dec. 31st			
	1929		1928	
	No.	Amount	No.	Amount
Canadian National Telegraphs	(1) 3,927	(1) 4,875,523	(3) 3,263	(3) 4,070,848
Canadian Pacific Railway Co.	(2) 2,259	(2) 2,872,205	(4) 2,171	(4) 2,701,113
Dominion Govt. Telegraph Service	1,100	560,938	1,242	553,310
Halifax & Bermudas Cable Co.	21	27,144	21	25,112
Canadian Marconi Wireless Co.	294	383,822	324	347,465
North American Telegraph Co.	16	14,891	16	14,409
Pacific Cable Board	132	231,286	131	229,648
Temiskaming & Northern Ont. Ry. Comm.	26	22,663	23	20,524
Western Union Telegraph Co.	281	391,307	448	641,557
Total	8,056	9,379,779	7,639	8,603,986

Class

Operators - Male	2,477	2,584
Female	1,002	871
Other Officers and Employees	4,577	4,184
Total	8,056	7,639

(1)	Excluding 1,868 Commission Operators	-	Commissions	\$243,878.
(2)	" 138	"	"	181,667.
(3)	" 1,727	"	"	232,019.
(4)	" 110	"	"	164,963

Table 8.

NUMBER OF OFFICERS

	Year ended Dec. 31st	
	1929	1928
Canadian National Telegraphs	(1) 2,135	(6) 1,943
Canadian Pacific Railway Co.	(2) 1,642	(7) 1,638
Dominion Government Telegraph Service	(3) 895	(3) 1,040
Halifax and Bermudas Cable Company	(4) 3	(4) 3
Canadian Marconi Wireless Company	(5) 31	(5) 31
North American Telegraph Company	18	18
Pacific Cable Board	4	4
Temiskaming & Northern Ontario Railway Commission	38	38
Western Union Telegraph Company	..	194
Total	4,766	4,909

(1)	Includes 7 outside of Canada
(2)	" 15 " " "
(3)	" 2 in Newfoundland
(4)	" 2 outside of Canada
(5)	" 12 " " "
(6)	" 30 " " "
(7)	" 16 " " "

Province

Prince Edward Island	36	29
Nova Scotia	253	262
New Brunswick	175	168
Quebec	860	858
Ontario	1,233	1,238
Manitoba	317	324
Saskatchewan	701	684
Alberta	387	379
British Columbia	751	890
Yukon	15	15
Outside of Canada	38	62
Total	4,766	4,909

TELEGRAPH STATISTICS

Table 9.

MESSAGES
Telegrams Sent (By Provinces)

Province	Year ended Dec. 31st	
	1929	1928
Prince Edward Island	67,847	70,978
Nova Scotia	747,358	750,978
New Brunswick	669,788	505,316
Quebec	2,732,504	2,351,963
Ontario	4,677,344	4,396,103
Manitoba	1,513,691	1,492,572
Saskatchewan	1,060,902	1,032,175
Alberta	1,168,053	1,159,959
British Columbia	1,870,077	1,739,406
Yukon	103,777	90,071
Outside of Canada #	31,771	29,679
Total	14,643,112	13,619,200

MESSAGES SENT AND RECEIVED

Land Messages

Company	1929		1928	
	Sent	: Received : :From U.S.A.:	Sent	:Received :From U.S.A.
Canadian National Telegraphs	7,064,922	2,423,286	5,928,152	2,310,741
Canadian Pacific Railway Co.	6,415,646	843,559	6,044,595	814,002
Dominion Government Telegraph Service	537,080	....	535,605	....
Canadian Marconi Wireless Co.	+ 36,484	+ 78,124	+ 32,483	+ 72,128
North American Telegraph Co.	49,389	38,125	47,437	36,990
Temiskaming & N. Ont. Ry. Comm.	125,085	3,767	149,683	4,159
Western Union Telegraph Co.	414,506	....	881,245	....
Total	14,643,112	3,386,861	13,619,200	3,238,020

NUMBER OF CABLEGRAMS

Company	1929		1928	
	Sent	: Received : : From U.S.A.:	Sent	: Received
Canadian National Telegraphs	(1) 452,149	(1) 386,718	(1) 296,862	(1) 243,532
Canadian Pacific Railway Co.	364,042	303,370	440,539	382,797
Halifax & Bermudas Cable Co.	43,662	54,122	87,713	115,772
Canadian Marconi Wireless Co.	(2) 119,078	(2) 135,084	(2) 164,498	(2) 191,968
North American Telegraph Co.	784	803	775	976
Pacific Cable Board	20,380	18,586	22,637	20,717
Temiskaming & N. Ont. Ry. Comm.	1,121	583	1,128	868
Western Union Telegraph Co.	149,922	(3) 3,160,522	271,396	(3) 5,904,565
Total	1,151,138	4,059,788	1,285,548	6,861,195
Total excluding relays		899,266		956,630

- # - On Canadian lines in U.S.A.
- + - Messages to and from ships and stations.
- (1)- Includes messages to and from wireless stations.
- (2)- Includes only messages from land to land
- (3)- Cablegrams relayed

TELEGRAPH STATISTICS

Table 9 - Cont'd. / MARCONI WIRELESS MESSAGES

	Year ended Dec. 31st					
	Nova Scotia		Quebec		Ontario	
	1929	1928	1929	1928	1929	1928
Private messages sent to ships and stations	13,821	10,526	12,460	12,089	5,307	5,437
Private messages received from ships and stations	40,756	34,263	17,203	17,474	13,238	13,991
Messages sent to Government ships	350	353	1,307	1,295	493	509
Messages received from Government ships	904	749	1,753	1,840	357	387
Government messages sent to stations	1,009	929	1,507	1,217	230	128
Government messages received from stations	2,027	1,389	1,642	1,897	244	138
Total	58,867	48,209	35,872	35,812	19,869	20,590

/ Included in total of telegrams.

Table 10. MONEY TRANSFERS FORWARDED
Including those received from Foreign Countries

Company	Year ended Dec. 31st	
	1929	1928
Canadian National Telegraphs	\$9,167,792	\$7,533,394
Canadian Pacific Railway Company	1,853,093	1,642,207
North American Telegraph Company	24,939	21,460
Western Union Telegraph Company	250,033	579,029
Total	11,295,857	9,776,090

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