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CANADA
DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
TRANSPORTATION BRANCH

TELEGRAPH STATISTICS

For

1928

♦ ♦ ♦

Published by Authority of the Hon. James Malcolm, M.P.,
Minister of Trade and Commerce

♦ ♦ ♦

OTTAWA

1929

Historical Survey

1870-1880

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1870-1880

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

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

TELEGRAPH STATISTICS

FOR

1928

Gross revenues of all telegraph and cable systems operating in Canada during 1928 amounted to \$14,740,641 which was an increase over the 1927 revenues of \$1,750,092, or 13.5 per cent, and operating expenses amounted to \$11,647,063, or \$1,046,651 in excess of the 1927 expenses. All systems except the Dominion Telegraph and the Pacific Cable Board, which operated at a loss, showed increases in both gross and net revenues, the total net revenues being \$3,093,578 as against \$2,390,137 in 1927.

Pole line mileage amounted to 53,777 miles which was 1,046 miles more than for 1927, and wire mileage increased by 14,432 miles, amounting to 337,971 miles at the end of the year. There was also an increasing use of metallic circuits for carrier systems which greatly increased the capacities of the systems without corresponding increases in wire mileage.

The total number of employees was 7,639, or an increase of 401 over the 1927 total, and salaries and wages for the year amounted to \$8,603,986 excluding \$396,982 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 increased by 24 during the year, or to 4,909. These included 62 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 16,862,954 which was 1,232,047 more than were transmitted in 1927. The total number of cablegrams sent was 1,285,548 and cablegrams received numbered 6,861,195, which included 5,904,565 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 956,630. 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 \$9,776,090 was transferred by telegraph as against \$9,241,864 in 1927.

The telegraph and cable companies reported new construction valued at \$1,914,737 and alterations and repair work costing \$1,288,619, or a total expenditure for construction of \$3,203,356 for the year.

Poles used numbered 57,288 and cost \$253,413. Materials used included 318.7 tons of galvanized wire valued at \$32,455; 1,589.8 tons of copper wire valued at \$556,085, and batteries and other materials valued at \$1,499,594.

SECTIONAL INDEX

[The following text is extremely faint and largely illegible due to the quality of the scan. It appears to be a list or index of entries, possibly organized by date or subject. Some words like "SECTIONAL INDEX" are clearly visible.]

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TELEGRAPH STATISTICS

<u>Table 1</u> Company	<u>GROSS REVENUE</u>	Year ended Dec. 31st	
		1928	1927
Canadian National Telegraphs		\$ 5,607,295	\$ 4,886,204
Canadian Pacific Railway Company		5,668,258	4,945,359
Dominion Government Telegraph Service		298,663	309,146
Halifax and Bermudas Cable Company		221,355	201,690
Canadian Marconi Wireless Company		866,273	761,518
North American Telegraph Company		573,930	426,790
Pacific Cable Board		185,134	246,211
Temiskaming & Northern Ontario Railway Commission		118,213	95,145
Western Union Telegraph Company		1,201,018	1,118,486
Total		<u>14,740,641</u>	<u>12,990,549</u>

Source

Local Messages	\$7,000,077	\$6,320,533
Conjoint Messages	2,754,935	2,581,368
Press Reports	118,213	113,801
Market Reports	499,484	309,670
Cablegrams	1,721,308	1,525,697
Money Orders	158,871	150,110
Leased Wires	1,757,245	1,219,969
Miscellaneous	730,508	769,401
Total	<u>14,740,641</u>	<u>12,990,549</u>

Table 2 . OPERATING EXPENSES
Company

Canadian National Telegraphs	\$4,441,009	\$4,129,667
Canadian Pacific Railway Company	3,439,270	3,052,247
Dominion Government Telegraph Service	840,451	702,401
Halifax and Bermudas Cable Company	65,611	60,881
Canadian Marconi Wireless Company	814,885	712,748
North American Telegraph Company	559,457	414,274
Pacific Cable Board	471,289	531,163
Temiskaming & Northern Ontario Railway Commission	43,285	38,538
Western Union Telegraph Company	971,806	958,482
Total	<u>11,647,063</u>	<u>10,600,412</u>

Source

Maintenance - Line and Equipment	\$2,131,451	\$1,389,491
Buildings, Offices, etc.	23,031	372,810
Operation - Salaries of Operators, Agents, etc.	6,573,919	6,231,174
Commissions	269,295	253,114
Local Office Expenses, Materials	737,468	616,685
General - Salaries of General Office Clerks & Officers	1,176,222	985,220
Insurance	16,455	15,097
Legal Expenses	691	2,516
Miscellaneous	718,531	724,305
Total	<u>11,647,063</u>	<u>10,600,412</u>

MEMORANDUM

This memorandum is prepared for the information of the Board of Directors regarding the proposed acquisition of the assets of the defunct company. The assets in question include real estate, equipment, and certain contracts. The proposed acquisition is being considered as a means of expanding our operations and increasing our market share.

The assets to be acquired are located in the following areas: [illegible], [illegible], and [illegible]. The total value of these assets is estimated to be approximately \$[illegible]. The acquisition is being financed through a combination of cash on hand and a loan from [illegible].

It is recommended that the Board approve the acquisition of the assets of the defunct company. This acquisition will provide us with valuable resources and opportunities for growth. The risks associated with this acquisition are minimal and are outweighed by the potential benefits.

The acquisition is expected to be completed by the end of the fiscal year. The Board's approval is requested.

Prepared by: [illegible]
 Date: [illegible]

TELEGRAPH STATISTICS

Table 3.

NET OPERATING REVENUES

Company	Year ended Dec. 31st	
	1928	1927
Canadian National Telegraphs	\$ 1,166,286	\$ 756,537
Canadian Pacific Railway Company	2,228,988	1,893,112
Dominion Government Telegraph Service	Dr. 541,788	Dr. 393,255
Halifax & Bermudas Cable Company	156,244	140,809
Canadian Marconi Wireless Company	51,390	48,770
North American Telegraph Company	14,473	12,516
Pacific Cable Board	Dr. 286,155	Dr. 284,952
Temiskaming & Northern Ontario Railway Commission	74,928	56,607
Western Union Telegraph Company	229,212	159,993
Total	3,093,578	2,390,137

Table 4.

INCOME ACCOUNT

Company	Additions to Income		Gross Corporate Income	
	1928	1927	1928	1927
Canadian National Telegraphs	\$ 78,808	\$ 59,388	\$ 1,245,094	\$ 815,925
Canadian Pacific Railway Co.	-----	-----	2,228,988	1,893,112
Dominion Govt. Telegraph Service	-----	-----	Dr. 541,788	Dr. 393,255
Halifax & Bermudas Cable Co.	28,869	17,496	185,113	158,305
Canadian Marconi Wireless Co.	1,473,265	1,148,418	1,524,655	1,197,188
North American Telegraph Co.	-----	-----	14,473	12,516
Pacific Cable Board	-----	-----	Dr. 286,155	Dr. 284,952
Temiskaming & N. Ont. Ry. Comm.	-----	-----	74,928	56,607
Western Union Telegraph Co.	-----	-----	229,212	159,993
Total	1,580,942	1,225,302	4,674,520	3,615,439

Company	Deductions from Income		Net Corporate Income	
	1928	1927	1928	1927
Canadian National Telegraphs	491,495	447,355	753,599	368,570
Canadian Pacific Railway Co.	50,895	50,253	2,178,093	1,842,859
Dominion Govt. Telegraph Service	-----	-----	Dr. 541,788	Dr. 393,255
Halifax & Bermudas Cable Co.	33,407	39,203	151,706	119,102
Can. Marconi Wireless Co.	1,183,427	1,065,450	341,228	131,738
North American Telegraph Co.	7,155	5,664	7,318	6,852
Pacific Cable Co.	-----	-----	Dr. 286,155	Dr. 284,952
Temiskaming & N. Ont. Ry. Comm.	-----	-----	74,928	56,607
Western Union Telegraph Co.	27,565	25,391	201,647	134,602
Total	1,793,944	1,633,316	2,880,576	1,982,123

TELEGRAPH STATISTICS

Table 5.

POLE LINE MILEAGE

Company	Year ended Dec. 31st	
	1928	1927
Canadian National Telegraphs	23,412	23,049
Canadian Pacific Railway Company	16,429	15,775
Dominion Government Telegraph Service	10,765	10,737
Temiskaming & Northern Ontario Railway Commission	450	449
Western Union Telegraph Co.	2,721	2,721
	<hr/>	<hr/>
	Total	53,777
		52,731
<u>Province</u>		
Prince Edward Island	274	274
Nova Scotia	3,303	3,273
New Brunswick	2,912	2,906
Quebec	6,955	6,947
Ontario	11,494	11,532
Manitoba	4,417	4,252
Saskatchewan	8,353	7,987
Alberta	5,505	5,316
British Columbia	9,259	8,939
Yukon	650	650
Newfoundland	14	14
United States	641	641
	<hr/>	<hr/>
	Total	53,777
		52,731

Table 6.

WIRE MILEAGE

Company		
Canadian National Telegraphs	141,523	136,143
Canadian Pacific Railway Company	160,287	151,329
Dominion Government Telegraph Service	14,299	14,173
North American Telegraph Company	445	445
Temiskaming & Northern Ontario Railway Commission	3,288	3,270
Western Union Telegraph Company	18,129	18,179
	<hr/>	<hr/>
	Total	337,971
		323,539
<u>Province</u>		
Prince Edward Island	882	767
Nova Scotia	14,743	14,696
New Brunswick	15,685	15,614
Quebec	39,067	37,283
Ontario	118,041	116,188
Manitoba	29,991	27,768
Saskatchewan	43,680	40,213
Alberta	31,275	30,387
British Columbia	37,244	33,261
Yukon	650	650
Newfoundland	14	14
United States	6,699	6,698
	<hr/>	<hr/>
	Total	337,971
		323,539
<u>Class</u>		
Iron - Overhead	167,316	167,978
Copper- Overhead	162,945	149,008
" " in cables	2,359	1,814
" Underground	4,295	3,752
" Submarine	1,056	987
	<hr/>	<hr/>
	Total	337,971
		323,539

TELEGRAPH STATISTICS

Table 7.

EMPLOYEES AND SALARIES

Company	Year Ended Dec. 31st			
	1928		1927	
	No.	Amount \$	No.	Amount \$
Canadian National Telegraphs (1)	3,263	(1) 4,070,848	(3) 3,015	(3) 3,654,306
Canadian Pacific Railway Company (2)	2,171	(2) 2,701,113	(4) 1,968	(4) 2,343,474
Dominion Govt. Telegraph Service	1,242	553,310	1,200	537,065
Halifax & Bermudas Cable Co.	21	25,112	20	24,690
Canadian Marconi Wireless Company	324	347,465	317	349,659
North American Telegraph Company	16	14,409	17	13,784
Pacific Cable Board	131	229,648	140	267,693
Temiskaming & Northern Ont. Ry. Comm.	23	20,524	22	17,407
Western Union Telegraph Company	448	641,557	539	748,986
Total	7,639	8,603,986	7,238	7,957,064
<u>Class</u>				
Operators-				
Male		2,584		2,472
Female		871		827
Other Officers and Employees		4,184		3,939
Total		7,639		7,238

- (1) Excluding 1,727 Commission Operators - Commissions \$232,019.
 (2) " 110 " " - " \$164,963.
 (3) " 1,728 " " - " \$216,057.
 (4) " 97 " " - " \$182,190.

Table 8.

NUMBER OF OFFICES

Company	Year ended Dec. 31st	
	1928	1927
Canadian National Telegraphs	(1) 1,943	(6) 1,941
Canadian Pacific Railway Co.	(2) 1,638	(2) 1,566
Dominion Government Telegraph Service	(3) 1,040	(3) 1,082
Halifax & Bermudas Cable Co.	(4) 3	(4) 3
Canadian Marconi Wireless Company	(5) 31	(5) 31
North American Telegraph Company	18	19
Pacific Cable Board	4	4
Temiskaming & Northern Ontario Ry. Comm.	38	37
Western Union Telegraph Company	194	202
Total	4,909	4,885

- (1) Includes 30 outside of Canada.
 (2) " 16 " " "
 (3) " 2 in Newfoundland.
 (4) " 2 outside of Canada.
 (5) " 12 " " "
 (6) " 31 " " "

Province

Prince Edward Island	29	29
Nova Scotia	262	241
New Brunswick	168	169
Quebec	858	821
Ontario	1,238	1,263
Manitoba	324	320
Saskatchewan	684	674
Alberta	379	355
British Columbia	890	935
Yukon	15	15
Outside of Canada	62	63
Total	4,909	4,885

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TELEGRAPH STATISTICS

Table 9.

MESSAGES

Telegrams Sent (By Provinces)

Province	Year ended Dec. 31st	
	1928	1927
Prince Edward Island	70,978	72,212
Nova Scotia	752,350	689,428
New Brunswick	505,316	468,075
Quebec	2,353,419	2,566,644
Ontario	4,398,052	4,002,005
Manitoba	1,492,572	1,309,769
Saskatchewan	1,032,175	932,035
Alberta	1,159,959	924,087
British Columbia	1,739,406	1,583,886
Yukon	90,071	86,533
Outside of Canada #	29,679	32,721
Total	13,623,977	12,667,395

MESSAGES SENT AND RECEIVED

Land Messages

Company	1928		1927	
	Sent	: Received : : from U.S.A.:	Sent	: Received : : from U.S.A.
Canadian National Telegraphs	5,928,152	2,310,741	5,713,071	2,162,479
Canadian Pacific Railway Co.	6,044,595	814,002	5,372,521	699,938
Dominion Govt. Telegraph Service	535,605	---	536,842	---
Canadian Marconi Wireless Co. †	38,217	† 72,128	† 30,039	† 69,561
North American Telegraph Co.	47,437	36,990	44,276	34,255
Temiskaming & N. Ont. Ry. Comm.	149,683	4,159	135,613	---
Western Union Telegraph Co.	881,245	---	832,312	---
Total	13,624,934	3,238,020	12,664,674	2,966,233

NUMBER OF CABLEGRAMS

Company	1928		1927	
	Sent	: Received : : from U.S.A.:	Sent	: Received : : from U.S.A.
Canadian National Telegraphs	(1) 296,862	(1) 243,532	247,697	204,691
Canadian Pacific Railway Co.	440,539	382,797	414,007	376,259
Halifax & Bermudas Cable Co.	87,713	115,772	83,978	116,691
Canadian Marconi Wireless Co.	(2) 164,498	(2) 191,968	(2) 120,307	(2) 77,133
North American Telegraph Co.	775	976	672	973
Pacific Cable Board	22,637	20,717	24,317	21,773
Temiskaming & N. Ont. Ry. Comm.	1,128	868	1,279	794
Western Union Telegraph Co.	271,396	(3) 5,904,565	240,187	(3) 4,734,013
Total	1,285,548	6,861,195	1,132,444	5,532,327
Total excluding relays		956,630		798,314

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	
	1928	1927	1928	1927	1928	1927
Private messages sent to ships and stations	10,526	8,947	12,089	9,722	5,437	5,095
Private messages received from ships and stations	34,263	34,518	17,474	15,534	13,991	12,923
Messages sent to Government ships	353	1,356	1,295	291	509	559
Messages received from Government ships	749	1,463	1,840	194	387	906
Government messages sent to stations	929	3,005	1,217	134	128	930
Government messages received from stations	1,389	3,264	1,897	125	138	734
Total	48,209	52,553	35,812	26,000	20,590	21,147

† Included in total of telegrams.

Table 10

MONEY TRANSFERS FORWARDED

Including those received from Foreign Countries

Company	Year ended Dec. 31st	
	1928	1927
Canadian National Telegraphs	\$ 7,533,394	\$ 7,105,370
Canadian Pacific Railway Company	1,642,207	1,531,410
North American Telegraph Company	21,460	17,662
Western Union Telegraph Company	579,029	587,422
Total	9,776,090	9,241,864



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