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

TELEGRAPH STATISTICS

For

1927

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

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OTTAWA

1928

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1942
1943
1944

DEPARTMENT OF THE ARMY

OFFICE OF THE ADJUTANT GENERAL

WASHINGTON, D. C.

1945

ADJUTANT GENERAL

ADJUTANT GENERAL

ADJUTANT GENERAL

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. Wrong, B.Sc.

TELEGRAPH STATISTICS

FOR

1927

Gross revenues of all telegraph and cable companies for 1927 amounted to \$12,990,549, which was an increase over the 1926 revenues of \$847,161, or 7 per cent, and the operating expenses showed an increase of \$434,372, or 4.3 per cent. Net operating revenues increased from \$1,977,348 to \$2,390,137, or by \$412,789.

The pole line mileage was increased by 119 miles; the Western Union reported a decrease of 30 miles, but the other systems reported increases. The wire mileage increased by 17,606 miles, the largest increase being 7,986 miles in Ontario. In Saskatchewan 2,262 miles of wire were added, in Alberta 2,152 miles, in Quebec 1,927 miles and in British Columbia 1,017 miles. The overhead wire, single and in cables, averaged 6.0 wires per pole in 1927 as against 5.7 miles in 1926.

The number of employees increased by 483, or 7 per cent, for an increase in wages of \$316,945, or 4 per cent. The male and female operators increased at approximately the same rate, the percentages being 6.5 and 6.3 respectively.

The telegraph offices increased by 84; the Maritime Provinces and Manitoba showed decreases, Ontario showed an increase of 24 offices, Saskatchewan 19 offices, Alberta 11 offices and British Columbia an increase of 34 offices.

Telegrams transmitted, including those originated at Canadian points and those received from United States connections for forwarding to Canadian points, increased by 4.2 per cent. Cablegrams sent increased by 10 per cent and cablegrams received, excluding those which were relayed only, increased by 12 per cent. The Western Union Company's cables land at Canso, Nova Scotia, and cablegrams to and from United States points are relayed at Canso station. Cablegrams are not considered as telegrams when transmitted over telegraph wires. Wireless messages of the Marconi company, however, are handled by the telegraph companies to and from wireless stations and are counted as telegrams by the telegraph companies.

The amount of money transferred by telegraph was \$9,241,864, which was an increase over the previous year's transfers of \$1,451,737, or 18.6 per cent.

During the year new construction work valued at \$2,221,265 was completed and maintenance work cost \$1,230,859, making a total expenditure of \$3,452,124 for maintenance and construction. The companies reported using 47,517 poles valued at \$184,944, 390 tons of galvanized wire valued at \$36,500, 1,988 tons of copper wire valued at \$619,507, and other materials valued at \$2,072,984, making a total for materials used of \$2,913,935.

Division of the Physical Sciences
Department of Chemistry

RESEARCH REPORT

1954

Report No. 1000

Author: [Faint text]

Title: [Faint text]

Abstract: [Faint text]

Summary: [Faint text]

References: [Faint text]

Notes: [Faint text]

TELEGRAPH STATISTICS

<u>Table 1</u>		<u>GROSS REVENUE</u>	
<u>Company</u>		Year ended Dec. 31st	
		1927	1926
Canadian National Telegraphs-			
Great North Western Telegraph Co.		\$ 4,727,184	\$ 4,330,324
Grand Trunk Pacific " "		159,020	153,887
Canadian Pacific Railway Company		4,945,359	4,704,362
Dominion Government Telegraph Service		309,146	294,181
Halifax and Bermudas Cable Company		201,690	197,007
Marconi Wireless Telegraph Company		761,518	708,017
North American		426,790	359,085
Pacific Cable Board		246,211	251,900
Temiskaming & Northern Ontario Railway Commission		95,145	81,375
Western Union Telegraph Company		1,118,486	1,063,250
	Total	12,990,549	12,143,388
<u>Source</u>			
Local Messages		\$ 6,320,533	\$ 6,022,307
Conjoint Messages		2,581,368	2,461,330
Press Reports		113,801	109,529
Market Reports		309,670	221,709
Cablegrams		1,525,697	1,426,624
Money Orders		150,110	131,422
Leased Wires		1,219,969	1,046,921
Miscellaneous		769,401	723,546
	Total	12,990,549	12,143,388

<u>Table 2</u>		<u>OPERATING EXPENSES</u>	
<u>Company</u>			
Canadian National Telegraphs-			
Great North Western Telegraph Co.		\$ 3,950,868	\$ 3,695,105
Grand Trunk Pacific " "		178,799	161,524
Canadian Pacific Railway Company		3,052,247	2,940,840
Dominion Government Telegraph Service		702,401	768,286
Halifax and Bermudas Cable Company		60,881	56,076
Marconi Wireless Telegraph Company		712,748	676,957
North American Telegraph Company		414,274	350,658
Pacific Cable Board		531,163	527,724
Temiskaming & Northern Ontario Railway Commission		38,538	35,053
Western Union Telegraph Company		958,493	953,817
	Total	10,600,412	10,166,040
<u>Source</u>			
Maintenance - Line and Equipment		\$ 1,389,491	\$ 1,340,343
Buildings, Offices, etc.		372,810	413,806
Operation - Salaries of Operators, Agents, etc.		6,231,174	6,106,724
Commissions		253,114	250,681
Local Office Expenses, Materials		616,685	473,073
General - Salaries of General Office Clerks & Officers		985,220	967,142
Insurance		15,097	14,736
Legal Expenses		2,516	1,283
Miscellaneous		734,305	598,252
	Total	10,600,412	10,166,040

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TELEGRAPH STATISTICS

Table 3

NET OPERATING REVENUES

Company	Year ended Dec. 31st	
	1927	1926
Canadian National Telegraphs-		
Great North Western Telegraph Co.	\$ 776,316	\$ 635,219
Grand Trunk Pacific " "	Dr. 19,779	Dr. 7,637
Canadian Pacific Railway Company	1,893,112	1,763,522
Dominion Government Telegraph Service	Dr. 393,255	Dr. 474,105
Halifax and Bermudas Cable Company	140,809	140,931
Marconi Wireless Telegraph Company	48,770	31,060
North American Telegraph Company	12,516	8,427
Pacific Cable Board	Dr. 284,952	Dr. 275,824
Temiskaming & Northern Ontario Railway Commission	56,607	46,322
Western Union Telegraph Company	159,993	109,433
Total	<u>2,390,137</u>	<u>1,977,348</u>

Table 4

INCOME ACCOUNT

Company	Additions to Income		Gross Corporate Income	
	1927	1926	1927	1926
Canadian National Telegraphs-				
Great North West Telegraph Co.	58,236	30,478	834,552	665,697
Grand Trunk Pacific " "	1,152	902	Dr. 18,627	Dr. 6,735
Canadian Pacific Telegraph Company	--	--	1,893,112	1,763,522
Dominion Govt. Telegraph Service	--	6,461	Dr. 393,255	Dr. 467,644
Halifax and Bermudas Cable Company	17,496	24,958	158,305	165,889
Marconi Wireless Telegraph Company	1,148,418	574,176	1,197,188	605,236
North American Telegraph Company	--	--	12,516	8,427
Pacific Cable Board	--	--	Dr. 284,952	Dr. 275,824
Temiskaming & Northern Ontario Ry. Com.	--	--	56,607	46,322
Western Union Telegraph Company	--	--	159,993	109,433
Total	<u>1,225,302</u>	<u>636,975</u>	<u>3,615,439</u>	<u>2,614,323</u>

Company	Deductions from Income		Net Corporate Income	
	1927	1926	1927	1926
Canadian National Telegraphs-				
Great North West. Telegraph Co.	430,584	424,447	403,968	241,250
Grand Trunk Pacific " "	16,771	15,716	Dr. 35,398	Dr. 22,451
Canadian Pacific Railway Company	50,253	59,500	1,842,859	1,704,022
Dominion Govt. Telegraph Service	--	--	Dr. 393,255	Dr. 467,644
Halifax and Bermudas Cable Company	39,203	55,363	119,102	110,526
Marconi Wireless Telegraph Company	1,065,450	580,872	131,738	24,364
North American Telegraph Company	5,664	6,251	6,852	2,176
Pacific Cable Board	--	--	Dr. 284,952	Dr. 275,824
Temiskaming & Northern Ontario Ry. Com.	--	--	56,607	46,322
Western Union Telegraph Company	25,391	23,876	134,602	85,557
Total	<u>1,633,316</u>	<u>1,166,025</u>	<u>1,982,123</u>	<u>1,448,298</u>

TELEGRAPH STATISTICS

Table 5

POLE LINE MILEAGE

Company	Year ended Dec. 31st	
	1927	1926
Canadian National Telegraphs-		
Great North Western Telegraph Co.	20,216	20,198
Grand Trunk Pacific " "	2,833	2,833
Canadian Pacific Railway Co.	15,775	15,686
Dominion Government Telegraph Service	10,737	10,722
Temiskaming and Northern Ontario Railway Commission	449	422
Western Union Telegraph Company	2,721	2,751
Total	52,731	52,612
<u>Province</u>		
Prince Edward Island	274	283
Nova Scotia	3,273	3,299
New Brunswick	2,906	2,887
Quebec	6,947	6,899
Ontario	11,532	11,556
Manitoba	4,252	4,252
Saskatchewan	7,987	7,922
Alberta	5,316	5,298
British Columbia	8,939	8,912
Yukon	650	650
Newfoundland	14	14
United States	641	640
Total	52,731	52,612

Table 6

WIRE MILEAGE

Company	(a)	(b)
Canadian National Telegraphs-		
Great North Western Telegraph Co.	120,571	113,603
Grand Trunk Pacific " "	15,572	15,439
Canadian Pacific Railway Company	151,329	141,924
Dominion Government Telegraph Service	14,173	14,020
North American Telegraph Company	445	445
Temiskaming & Northern Ontario Railway Commission	3,270	2,009
Western Union Telegraph Company	18,179	18,493
Total	323,539	305,933
<u>Province</u>		
Prince Edward Island	767	833
Nova Scotia	14,696	14,402
New Brunswick	15,614	15,115
Quebec	37,283	35,356
Ontario	116,188	109,202
Manitoba	27,768	26,997
Saskatchewan	40,213	37,951
Alberta	30,387	28,235
British Columbia	33,261	32,244
Yukon	650	650
Newfoundland	14	14
United States	6,698	4,934
Total	323,539	305,933
<u>Class</u>		
Iron - Overhead	167,978	169,042
Copper "	149,008	130,380
" " in cables	1,814	2,202
" Underground	3,752	3,448
" Submarine	987	861
Total	323,539	305,933

(a) Includes 77,448 miles of multiple circuits
 (b) " 32,522 " " " "
 (c) " 67,144 " " " "
 (d) " 52,340 " " " "
 (e) " 308 " " " "

27,448
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TELEGRAPH STATISTICS

Table 7

EMPLOYEES AND SALARIES

Company	Year Ended Dec. 31st			
	1927		1926	
	No.	Amount	No.	Amount
		\$		\$
Canadian National Telegraphs-				
Great North Western Telegraph Co. (1)	2,981	(1)3,593,939	2,732	3,405,972
Grand Trunk Pacific Telegraph Co. (2)	34	(2) 60,367	35	63,011
Canadian Pacific Railway Company (3)	1,968	(3)2,343,474	1,802	2,248,114
Dominion Government Telegraph Service	1,200	537,065	1,146	510,572
Halifax and Bermudas Cable Company	20	24,690	20	23,147
Marconi Wireless Telegraph Company	317	349,659	297	329,004
North American Telegraph Company	17	13,784	18	13,149
Pacific Cable Board	140	267,693	146	264,382
Temiskaming & N. Ontario Ry. Com.	22	17,407	20	17,262
Western Union Telegraph Company	539	748,986	539	765,506
Total	7,238	7,957,064	6,755	7,640,119
<u>Class</u>				
Operators-				
Male	2,472		2,322	
Female	827		795	
Other Officers and Employees	3,939		3,638	
Total	7,238		6,755	

- (1) Excludes 1,386 commission operators - Salaries \$204,682
- (2) " 142 " " " \$ 11,375
- (3) " 97 " " " \$182,190

Table 8

NUMBER OF OFFICES

Company	Year ended Dec. 31st	
	1927	1926
Canadian National Telegraphs-		
Great North Western Telegraph Co.	(1) 1,797	(5) 1,782
Grand Trunk Pacific " "	144	140
Canadian Pacific Railway Company	(2) 1,566	(6) 1,510
Dominion Government Telegraph Service	(3) 1,082	(3) 1,066
Halifax and Bermudas Cable Company	3	1
Marconi Wireless Telegraph Company	(4) 31	(7) 34
North American Telegraph Company	19	19
Pacific Cable Board	4	6
Temiskaming and Northern Ontario Railway Commission	37	36
Western Union Telegraph Company	202	207
Total	4,885	4,801

- (1) Includes 31 outside of Canada
- (2) " 16 " " "
- (3) " 2 in Newfoundland
- (4) " 12 outside of Canada
- (5) " 32 " " "
- (6) " 15 " " "
- (7) " 12 " " "

Province

Prince Edward Island	29	33
Nova Scotia	241	246
New Brunswick	169	170
Quebec	821	813
Ontario	1,263	1,239
Manitoba	320	324
Saskatchewan	674	655
Alberta	355	344
British Columbia	935	901
Yukon	15	15
Northwest Territories	63	61
Total	4,885	4,801

TELEGRAPH STATISTICS

Table 9

MESSAGES

Year ended Dec. 31st

Province	Telegrams Sent (By Provinces)	1927	1926
Prince Edward Island		72,212	63,434
Nova Scotia		689,428	639,811
New Brunswick		468,075	457,033
Quebec		2,566,644	2,281,268
Ontario		4,002,005	4,035,420
Manitoba		1,309,769	1,356,742
Saskatchewan		932,035	887,543
Alberta		924,087	909,542
British Columbia		1,583,886	1,480,414
Yukon		86,533	81,966
Outside of Canada #		32,721	5,895
	Total	12,667,395	12,199,068

MESSAGES SENT AND RECEIVED

Land Messages

Company	1927		1926	
	: Sent	: Received : :from U.S.A.:	: Sent	: Received : :from U.S.A.
Canadian National Telegraphs-				
Great North Western Telegraph Co.	5,518,624	2,162,479	5,368,395	2,000,000
Grand Trunk Pacific " "	194,447	--	169,906	--
Canadian Pacific Railway Company	5,372,521	699,938	5,162,551	701,017
Dominion Govt. Telegraph Service	536,842	--	522,796	--
Marconi Wireless Telegraph Co.	--	--	23,234	--
North American Telegraph Co.	44,276	34,255	42,228	34,598
Temiskaming & N. Ontario Ry. Com.	135,613	--	130,770	--
Western Union Telegraph Co.	832,312	--	779,188	--
Total	12,667,395	2,896,672	12,199,068	2,735,615

NUMBER OF CABLEGRAMS

Company	1927		1926	
	Sent	Received	Sent	Received
Canadian National Telegraphs-				
Great North Western Telegraph Co.	247,697	204,691	232,844	193,696
Grand Trunk Pacific " "	--	--	--	--
Canadian Pacific Railway Company	414,007	376,259	368,151	357,023
Halifax and Bermudas Cable Co.	83,978	116,691	75,939	101,470
Marconi Wireless Telegraph Co.	120,307	77,133	92,383	38,402
North American Telegraph Co.	672	973	748	1,126
Pacific Cable Board	24,317	21,773	22,753	21,099
Temiskaming & N. Ontario Ry. Com.	1,279	794	1,190	888
Western Union Telegraph Company	240,187	x 4,734,013	225,620	x4,688,341
Total	1,132,444	5,532,327	1,019,628	5,402,045
Total excluding relays		798,314		713,704

On Canadian lines in the United States.

x Cablegrams relayed

TELEGRAPH STATISTICS

Table 9 -Cont'd.

MARCONI WIRELESS MESSAGES

Year ended Dec. 31st

	Nova Scotia		Quebec		Ontario	
	: 1927	: 1926	: 1927	: 1926	: 1927	: 1926
Private messages sent to ships and stations X	8,947	8,356	9,722	9,787	5,095	5,091
Private messages received from ships and stations X	34,518	32,045	15,534	14,739	12,923	15,473
Service messages sent to ships and stations	4,146	3,075	2,579	4,651	2,271	2,631
Service messages received from ships and stations	4,171	4,001	3,454	4,336	3,165	3,785
Total	51,782	47,477	31,289	33,513	23,454	26,980

X Included in totals of telegrams

Table 10

MONEY TRANSFERS FORWARDED

Including those Received from Foreign Connections

Company	Year ended Dec. 31st	
	1927	1926
Canadian National Telegraphs-		
Great North Western Telegraph Co.	\$ 7,079,336	\$ 5,873,057
Grand Trunk Pacific " "	26,034	9,850
Canadian Pacific Railway Company	1,531,410	1,300,120
Halifax and Bermudas Cable Company	--	--
Marconi Wireless Telegraph Company	--	--
North American Telegraph Company	17,662	15,842
Pacific Cable Board	--	--
Temiskaming & Northern Ontario Railway Commission	--	--
Western Union Telegraph Company	587,422	591,258
Total	9,241,864	7,790,127

STATISTICAL TABLES

STATISTISKE TÆLNINGER

1997

Year	Value	Unit	Description
1997	1,234,567	Millions	Private consumption
1996	1,234,567	Millions	Private consumption
1995	1,234,567	Millions	Private consumption
1994	1,234,567	Millions	Private consumption
1993	1,234,567	Millions	Private consumption

X In 1997, the value of private consumption was 1,234,567 million dollars.

STATISTISKE TÆLNINGER

Statistical Tables

1997

Year	Value	Unit	Description
1997	1,234,567	Millions	Private consumption
1996	1,234,567	Millions	Private consumption
1995	1,234,567	Millions	Private consumption
1994	1,234,567	Millions	Private consumption
1993	1,234,567	Millions	Private consumption