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**CANADA**

**DEPARTMENT OF TRADE AND COMMERCE**

**DOMINION BUREAU OF STATISTICS**

**PUBLIC UTILITIES BRANCH**

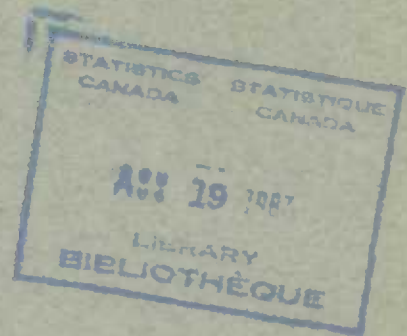
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**TELEGRAPH STATISTICS**

**FOR**

**1934**



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Published by Authority of the HON. R. B. HANSON, K.C., M.P.,  
Minister of Trade and Commerce.

OTTAWA  
1985



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

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TELEGRAPH STATISTICS

FOR

1 9 3 4

The telegraph business showed an upward turn in 1934 and gross revenues increased from \$9,267,715 in 1933 to \$9,972,627. Operating expenses were heavier by \$313,180 and net operating revenues increased from \$1,144,751 to \$1,536,483. The increase in the net corporate income was largely a matter of accounting with the Canadian National Telegraph Department in reducing arbitrary charges for rentals.

The number of employees increased from 5,263 to 5,624 and the pay roll, exclusive of commissions, amounted to \$6,431,647 as against \$5,870,433 in 1933.

In previous years cablegrams included only trans-oceanic messages from land to land, but in 1934 all messages to overseas countries and commercial messages to and from ships at sea were included under cablegrams and wireless messages between stations were included with telegrams. The 1933 data were revised to conform with this new classification.

A further analysis of money transferred by telegraph was made in this report, showing the countries between which it was transferred. Of a total of \$3,950,854 transferred during the year, \$2,747,325, or 70 per cent, was between Canadian and United States stations, \$1,133,713, or 29 per cent, was between Canadian stations and the remainder was between Canada and the United Kingdom (\$48,665), and other countries (\$21,151).

5/8/35/325

Table 1.

TELEGRAPH STATISTICS

Year	Cost of Property & Equipment \$	Gross Revenues \$	Operating Expenses \$	Net Revenues \$	Net Corporate Income \$
1924	19,536,617	10,930,020	9,603,620	1,326,400	1,199,930
1925	19,837,700	11,520,322	9,681,200	1,839,122	1,349,958
1926	26,443,851	12,143,388	10,166,040	1,977,348	1,448,298
1927	29,063,590	12,990,549	10,600,412	2,390,137	1,982,123
1928	31,953,174	14,740,641	11,647,063	3,093,578	2,880,576
1929	37,747,408	16,256,441	12,590,364	3,666,077	2,676,787
1930	40,520,050	14,264,997	11,791,291	2,473,706	1,381,308
1931	40,878,344	11,641,729	10,720,949	920,780	Dr. 495,150
1932	41,081,678	9,381,075	9,020,052	361,023	Dr. 1,130,018
1933	41,225,957	9,267,715	8,122,964	1,144,751	Dr. 157,458
1934	41,949,716	9,972,627	8,436,144	1,536,483	1,130,037

Year	Pole Line Mileage	Wire Mileage	Employees <sup>†</sup>	Salaries and Wages \$
1924	54,742	268,632	7,247	7,016,008
1925	51,726	284,121	7,224	7,691,690
1926	52,612	305,933	6,755	7,640,119
1927	52,731	323,539	7,238	7,957,064
1928	53,777	337,971	7,639	8,603,986
1929	52,835	360,883	8,056	9,379,779
1930	52,824	367,721	7,331	8,674,453
1931	53,228	368,583	6,637	7,875,058
1932	52,362	366,142	5,788	6,627,605
1933	52,112	365,489	5,263	5,870,433
1934	52,406	366,706	5,624	6,431,647

Year	Telegrams		Cablegrams	Money Transfers \$
	Sent	Received from United States		
1924	10,813,230	4,647,581	♠ 1,506,806	6,428,080
1925	11,436,664	2,747,324	♠ 1,557,235	6,680,595
1926	12,199,068	2,735,615	♠ 1,733,332	7,790,127
1927	12,664,674	2,966,233	♠ 1,930,758	9,241,864
1928	13,619,200	3,238,020	♠ 2,242,178	9,776,090
1929	14,643,112	3,386,861	♠ 2,050,404	11,295,857
1930	12,970,983	2,587,241	♠ 2,035,664	10,213,475
1931	11,101,338	2,098,810	♠ 1,773,340	7,475,928
1932	9,083,776	1,435,657	♠ 1,506,393	4,698,660
1933	x 8,498,890	x 1,596,171	xx1,614,899	3,632,910
1934	x 8,965,673	x 1,560,823	xx1,710,622	3,950,854

♠ Excludes commission operators. ♠ Excludes cablegrams relayed & wireless messages to ships  
 x Telegrams include commercial wireless messages to and from stations.  
 xx Excludes cablegrams relayed and service wireless messages to and from ships.

Table 2. CAPITAL STOCK

Company	Common Stock	Preferred Stock	Total Stock	Funded Debt	Total
	\$	\$	\$	\$	\$
Canadian National Telegraphs	x 873,625	.....	x 873,625	/ 800,000	1,673,625
Canadian Pacific Railway Co.		Included in Railway Report			
Dominion Govt. Telegraph Service	.....	.....	.....	.....	.....
Halifax and Bermudas Cable Co.	249,500	.....	249,500	342,549	592,049
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. Commn.	.....	.....	.....	.....	.....
Western Union Telegraph Co.	.....	.....	.....	.....	.....
<b>Total</b>	<b>5,877,807</b>	<b>.....</b>	<b>5,877,807</b>	<b>1,142,549</b>	<b>7,020,356</b>

Table 3. COST OF PROPERTY AND EQUIPMENT

Company	Year ended December 31st	
	1934	1933
Canadian National Telegraphs	\$18,971,980	\$18,829,379
Canadian Pacific Railway Co.	17,123,792	16,901,804
Dominion Government Telegraph Service	2,455,516	2,447,534
Halifax and Bermudas Cable Co.	27,257	27,257
Canadian Marconi Wireless Company	1,499,849	1,218,996
North American Telegraph Company	14,949	15,943
Pacific Cable Board	.....	.....
Temiskaming & Northern Ontario Ry. Commn.	203,045	202,516
Western Union Telegraph Company	1,653,328	1,582,728
<b>Total</b>	<b>41,949,716</b>	<b>41,225,957</b>

Table 4. GROSS REVENUES

Canadian National Telegraphs	\$4,080,309	\$3,926,583
Canadian Pacific Railway Co.	3,789,918	3,552,173
Dominion Government Telegraph Service	162,562	146,034
Halifax & Bermudas Cable Company	212,752	211,161
Canadian Marconi Wireless Company	802,674	680,005
North American Telegraph Company	503,506	398,499
Pacific Cable Board	179,258	141,688
Temiskaming and Northern Ontario Ry. Commission	92,476	71,765
Western Union Telegraph Company	149,172	139,757
<b>Total</b>	<b>9,972,627</b>	<b>9,267,715</b>
<b>Source</b>		
Local messages	\$4,115,751	\$4,184,854
Conjoint messages	1,496,789	1,443,504
Press reports	257,502	250,136
Market reports	552,040	314,343
Cablegrams	1,035,889	879,886
Money orders	78,640	73,129
Leased wires	1,725,754	1,466,718
Miscellaneous	710,262	655,145
<b>Total</b>	<b>9,972,627</b>	<b>9,267,715</b>

x \$866,575 held by Canadian National Railways.  
 / Funded debt held by Canadian National Railways.

Table 5.

OPERATING EXPENSES

Company	Year ended December 31st	
	1 9 3 4	1 9 3 3
	\$	\$
Canadian National Telegraphs	3,644,351	3,589,959
Canadian Pacific Railway Co.	2,548,805	2,488,941
Dominion Government Telegraph Service	446,648	461,739
Halifax & Bermudas Cable Company	122,780	110,749
Canadian Marconi Wireless Company	567,077	542,314
North American Telegraph Company	503,039	398,953
Pacific Cable Board	397,822	336,667
Temiskaming & Northern Ontario Ry. Commission	34,282	32,930
Western Union Telegraph Company	171,340	160,712
Total	8,436,144	8,122,964
<u>Source</u>		
Maintenance - Line and Equipment	1,483,714	1,388,181
Buildings, Offices, etc.	13,467	13,676
Operation - Salaries of Operators, Agents, etc.	4,427,555	4,418,467
Commissions	317,858	289,106
Local Office Expenses, Materials	952,260	921,689
General - Salaries of General Office Clerks & Officers	437,403	451,260
Insurance	19,320	17,858
Legal Expenses	6,550	3,408
Miscellaneous	778,017	619,319
Total	8,436,144	8,122,964

Table 6.

NET OPERATING REVENUES

Company	1 9 3 4	1 9 3 3
Canadian National Telegraphs	445,958	336,624
Canadian Pacific Railway Company	1,241,113	1,063,232
Dominion Government Telegraph Service	Dr. 284,086	Dr. 315,655
Halifax and Bermudas Cable Company	89,972	100,412
Canadian Marconi Wireless Company	235,597	137,691
North American Telegraph Company	467	Dr. 454
Pacific Cable Board	Dr. 218,564	Dr. 194,979
Temiskaming & Northern Ontario Railway Commn.	58,194	38,835
Western Union Telegraph Company	Dr. 22,168	Dr. 20,955
Total	1,536,483	1,144,751

Table 7.

INCOME ACCOUNT

Company	Year ended December 31st			
	Additions to Income		Gross Corporate Income	
	1934	1933	1934	1933
	\$	\$	\$	\$
Canadian National Telegraphs	37,579	73,961	473,537	410,585
Canadian Pacific Railway Co.	...	...	1,241,113	1,063,232
Dom. Govt. Telegraph Service	...	24,900	Dr. 284,086	Dr. 290,755
Halifax & Bermudas Cable Co.	8,888	6,867	98,860	107,279
Canadian Marconi Wireless Co.	1,177,492	902,775	1,413,089	1,040,466
North American Telegraph Co.	6,555	6,372	7,022	5,918
Pacific Cable Board	...	...	Dr. 218,564	Dr. 194,979
Temiskaming & Northern Ont. Ry. Commn.	...	...	58,194	38,835
Western Union Telegraph Co.	...	...	Dr. 22,168	Dr. 20,955
<b>Total</b>	<b>1,230,514</b>	<b>1,014,875</b>	<b>2,766,997</b>	<b>2,159,626</b>

Company	Deductions from Income		Net Corporate Income	
	1934	1933	1934	1933
	\$	\$	\$	\$
Canadian National Telegraphs	332,202	1,136,588	141,335	Dr. 726,003
Canadian Pacific Railway Co.	59,360	60,654	1,181,753	1,002,578
Dominion Govt. Telegraph Service	...	...	Dr. 284,086	Dr. 290,755
Halifax & Bermudas Cable Co.	40,452	38,490	58,408	68,789
Canadian Marconi Wireless Co.	1,199,864	1,076,331	213,225	Dr. 35,865
North American Telegraph Co.	4,497	4,444	2,525	1,474
Pacific Cable Board	...	...	Dr. 218,564	Dr. 194,979
Temiskaming & Northern Ont. Ry. Commn.	...	...	58,194	38,835
Western Union Telegraph Co.	585	577	Dr. 22,753	Dr. 21,532
<b>Total</b>	<b>1,636,960</b>	<b>2,317,084</b>	<b>1,130,037</b>	<b>Dr. 157,458</b>

Table 8.

POLE LINE MILEAGE

Company	Year ended December 31	
	1934	1933
Canadian National Telegraphs	23,980	24,103
Canadian Pacific Railway Company	17,439	17,477
Dominion Government Telegraph Service	8,864	8,844
Temiskaming & Northern Ontario Railway Commission	593	593
Western Union Telegraph Company	1,185	1,185
North American Telegraph Company	x 345	x 345
Total	52,406	52,457
<u>Province</u>		
Prince Edward Island	288	288
Nova Scotia	2,988	2,999
New Brunswick	2,504	2,490
Quebec	6,869	6,850
Ontario	11,862 2.3	11,915
Manitoba	4,207	4,204
Saskatchewan	9,127	9,084
Alberta	6,274	6,330
British Columbia	7,241	7,252
Yukon	555	555
Newfoundland	14	14
United States	477	476
Total	52,406 100	52,457

Table 9.

WIRE MILEAGE

Canadian National Telegraphs	164,831	165,058
Canadian Pacific Railway Company	177,800	176,423
Dominion Government Telegraph Service	11,108	11,052
Halifax and Bermudas Cable Company	10	10
North American Telegraph Company	445	445
Temiskaming & Northern Ontario Railway Commission	3,122	3,111
Western Union Telegraph Company	9,390	9,390
Total	366,706	365,489
<u>Province</u>		
Prince Edward Island	790	790
Nova Scotia	15,645	15,678
New Brunswick	16,367	16,441
Quebec	44,670	44,559
Ontario	127,225 47	126,667
Manitoba	31,377	31,860
Saskatchewan	50,250	49,716
Alberta	37,920	37,910
British Columbia	34,148	34,037
Yukon	655	653
Newfoundland	14	14
United States	7,145	7,164
Total	366,706 100	365,489

x - Leased telephone poles.



Table 9 - Continued

WIRE MILEAGE

Class	Year ended December 31	
	1 9 3 4	1 9 3 3
Iron - Overhead	158,085	147,879
Copper- Overhead	190,983	/ 201,055
" Overhead in cables	9,349	/ 8,323
" Underground	7,327	7,258
" Submarine	962	974
Total	366,706	365,489

Mileage of Multiple Circuits  
1934

Company	Wire miles included in Total Wire Mileage		Mileage of Channels
	Copper	Iron	
Canadian National Telegraphs	28,095	....	140,212
Canadian Pacific Railway Company	62,084	14,782	237,247
Temiskaming and Northern Ontario Railway Commn.	.....	....	2,005
Total	90,179	14,782	379,464

Table 10.

EMPLOYEES AND SALARIES

Company	Year ended December 31			
	1 9 3 4		1 9 3 3	
	Number	Amount	Number	Amount
		\$		\$
Canadian National Telegraphs	(1) 2,537	2,949,580	(3) 2,465	2,931,462
Canadian Pacific Railway Co.	(2) 1,986	2,390,467	(4) 1,593	1,873,780
Dominion Govt. Telegraph Service	706	378,316	712	393,784
Halifax & Bermudas Cable Co.	10	12,919	11	10,164
Canadian Marconi Wireless	225	293,743	228	289,346
North American Telegraph Co.	15	13,781	16	13,788
Pacific Cable Board	116	199,793	106	166,348
Temiskaming & N. Ont. Ry. Commn.	32	21,102	25	19,231
Western Union Telegraph Co.	97	171,946	107	172,530
Total	5,624	6,431,647	5,263	5,870,433
<u>Class</u>				
Operators - Male	1,512		1,489	
Female	591		564	
Other Officers and Employees	3,521		3,210	
Total	5,624		5,263	

(1)	Excluding 1,620 Commission Operators .....	Commissions	\$182,982
(2)	" 319 " " .....	"	168,980
(3)	" 1,592 " " .....	"	167,306
(4)	" 187 " " .....	"	181,999

Table 11.

NUMBER OF OFFICES

Company	Year ended December 31	
	1 9 3 4	1 9 3 3
Canadian National Telegraphs	(1) 1,909	(5) 1,937
Canadian Pacific Railway Company	(2) 1,474	(2) 1,390
Dominion Government Telegraph Service	(3) 705	(3) 703
Halifax and Bermudas Cable Co.	(4) 2	(4) 2
Canadian Marconi Wireless Co.	(6) 28	(6) 30
North American Telegraph Co.	15	15
Pacific Cable Board	3	3
Temiskaming & Northern Ontario Railway Commission	35	35
Western Union Telegraph Company	..	..
Total	4,171	4,115

(1) Includes 5 outside of Canada.

(2) " 12 " " "

(3) " 2 " " "

(4) Includes 1 outside of Canada.

(5) " 7 " " "

(6) " 12 " " "

Province

Prince Edward Island	32	33
Nova Scotia	252	252
New Brunswick	152	155
Quebec	763	766
Ontario	1,028	988
Manitoba	301	308
Saskatchewan	646	638
Alberta	392	386
British Columbia	558	540
Yukon	15	15
Outside of Canada	32	34
Total	4,171	4,115

Table 12.

MESSAGES

Telegrams Sent, By Provinces

Prince Edward Island	78,955 <sup>2</sup>	103,489
Nova Scotia	540,405 <sup>6</sup>	517,204
New Brunswick	420,865 <sup>5</sup>	404,826
Quebec	1,640,906 <sup>18</sup>	1,644,130
Ontario	3,180,258 <sup>35</sup>	2,953,197 <sup>35</sup>
Manitoba	910,030 <sup>10</sup>	782,403
Saskatchewan	469,650 <sup>5</sup>	447,409
Alberta	594,689 <sup>7</sup>	593,164 <sup>7</sup>
British Columbia	1,022,517 <sup>11</sup>	970,916
Yukon	92,160 <sup>1</sup>	68,327
Outside of Canada <sup>1</sup>	15,238	13,825
Total	8,965,673 <sup>100</sup>	8,498,890 <sup>100</sup>

<sup>1</sup> On Canadian lines in the United States.

Table 13.

MESSAGES SENT AND RECEIVED

Company	Land Messages		1933	
	1934		Sent	Received from United States
	Sent	Received from United States	Sent	Received from United States
Canadian National Telegraphs	4,528,636	1,075,125	4,309,687	1,158,534
Canadian Pacific Railway Co.	3,989,552	449,873	3,800,073	402,115
Dominion Govt. Telegraph Service	299,869	..	254,910	..
Canadian Marconi Wireless Co.	x 6,421	x 7,025	x 9,320	x 8,778
North American Telegraph Co.	30,738	26,292	30,453	24,285
Temiskaming & N. Ont. Ry. Commn.	110,457	2,508	94,447	2,459
Total	8,965,673	1,560,823	8,498,890	1,596,171
Total messages handled	10,526,496		10,095,061	

x Commercial messages to and from stations.

Table 14.

NUMBER OF CABLEGRAMS

Company	1934		1933	
	Sent	Received	Sent	Received
Canadian National Telegraphs	(1) 271,860	(1) 192,534	(1) 266,359	(1) 194,428
Canadian Pacific Railway Co.	287,582	321,558	295,456	311,118
Halifax & Bermudas Cable Co.	98,369	99,058	96,129	102,939
Canadian Marconi Wireless Co.	(2) 135,430	(2) 90,846	(2) 112,358	(2) 89,994
North American Telegraph Co.	632	966	829	998
Pacific Cable Board	20,190	13,672	15,482	10,484
Temiskaming & N. Ont. Ry. Commn.	968	559	1,009	590
Western Union Telegraph Co.	76,021	(3) 4,035,755	116,726	(4) 3,915,110
Total	891,052	4,758,396	904,348	4,625,661
Total excluding relays		819,570		710,551

(1) Includes messages to and from wireless stations.

(2) Messages forwarded and received by beam wireless and commercial messages to and from ships.

(3) Includes 3,935,378 cablegrams relayed between United States and overseas countries.

(4) Cablegrams relayed between United States and overseas countries.

Table 15.

MESSAGES TO AND FROM OVERSEAS COUNTRIES AND SHIPS AT SEA

Company	Messages Forwarded By			Messages Received By		
	Cable	Radio	Total	Cable	Radio	Total
Canadian National Telegraphs	137,270	134,590	271,860	119,628	72,906	192,534
Canadian Pacific Railway Co.	287,582	..	287,582	321,558	..	321,558
Halifax & Bermudas Cable Co.	98,369	..	98,369	99,058	..	99,058
Canadian Marconi Wireless Co.	..	a/135,430	c/135,430	..	b/90,846	d/90,846
North American Telegraph Co.	628	4	632	961	5	966
Pacific Cable Board	20,190	..	20,190	13,672	..	13,672
Temiskaming & N. Ont. Ry. Commn.	968	..	968	559	..	559
Western Union Telegraph Co.	76,021	..	76,021	100,377	..	100,377
Total	621,028	270,024	891,052	655,813	163,757	819,570

a/ Includes 127,987 beam wireless.

b/ " 71,578 " "

c/ Exclusive of 2,786 service messages to ships.

d/ " " 3,448 " " from ships.

Table 16.

MARCONI WIRELESS MESSAGES

	Year ended December 31					
	Nova Scotia		Quebec		Ontario	
	1934	1933	1934	1933	1934	1933
Commercial messages sent to ships and stations	5,534	5,532	6,293	8,266	2,037	3,154
Commercial messages received from ships and stations	6,608	7,979	11,854	10,774	7,831	8,175
Messages sent to Govt. ships	187	205	1,537	2,021	359	387
Messages received from Govt. ships	530	394	1,791	2,059	534	391
Service messages sent to ships and stations	1,552	1,305	3,284	2,490	1,698	1,504
Service messages received from ships and stations	1,677	1,486	3,351	2,188	1,715	1,471
Govt. messages sent to stations	904	808	2,304	1,884	225	193
Govt. messages received from stations	2,171	2,299	3,802	3,981	389	188
<b>Total</b>	<b>19,163</b>	<b>20,008</b>	<b>34,216</b>	<b>33,663</b>	<b>14,788</b>	<b>15,463</b>

Table 17.

MONEY TRANSFERS

1934

	Canadian National Telegraphs	Canadian Pacific Railway Co.	North American Telegraph Co.	Total
	\$	\$	\$	\$
<b>Money Transfers To-</b>				
United States	924,297	325,602	6,348	1,256,247
United Kingdom	13,596	...	...	13,596
Other Foreign Countries	17,051	...	...	17,051
<b>Total</b>	<b>954,944</b>	<b>325,602</b>	<b>6,348</b>	<b>1,286,894</b>
<b>Money Transfers From-</b>				
United States	1,215,752	275,326	...	1,491,078
United Kingdom	35,069	...	...	35,069
Other Foreign Countries	4,100	...	...	4,100
Between Canadian Stations	700,977	426,952	5,784	1,133,713
<b>Total</b>	<b>1,955,898</b>	<b>702,278</b>	<b>5,784</b>	<b>2,663,960</b>
<b>Money Transfers To and From-</b>				
United States	2,140,049	600,928	6,348	2,747,325
United Kingdom	48,665	...	...	48,665
Other Foreign Countries	21,151	...	...	21,151
Between Canadian Stations	700,977	426,952	5,784	1,133,713
<b>Total</b>	<b>2,910,842</b>	<b>1,027,880</b>	<b>12,132</b>	<b>3,950,854</b>

Table 18.

MATERIALS USED

1934

	Unit of Measurement	Quantity	Cost Value Delivered at Works \$
Lumber	M Ft.	1	52.00
Poles, telegraph	No.	11,322	54,595.00
Wire, galvanized	Tons	90	7,955.00
Wire, copper	Tons	78	23,071.00
Storage batteries	No.	2,939	2,062.00
Other materials			565,711.00
Total			653,446.00

Table 19.

VALUE OF WORK CARRIED OUT

1934

	New Construction \$	Alteration & Maintenance Repair Work \$	Total \$
Telegraphic lines	349,751	705,902	1,055,653
All other	47,458	19,294	66,752
Total	397,209	725,196	1,122,405





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