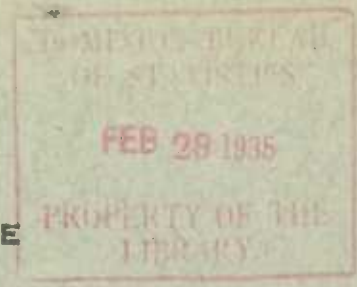


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CANADA
DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
PUBLIC UTILITIES BRANCH

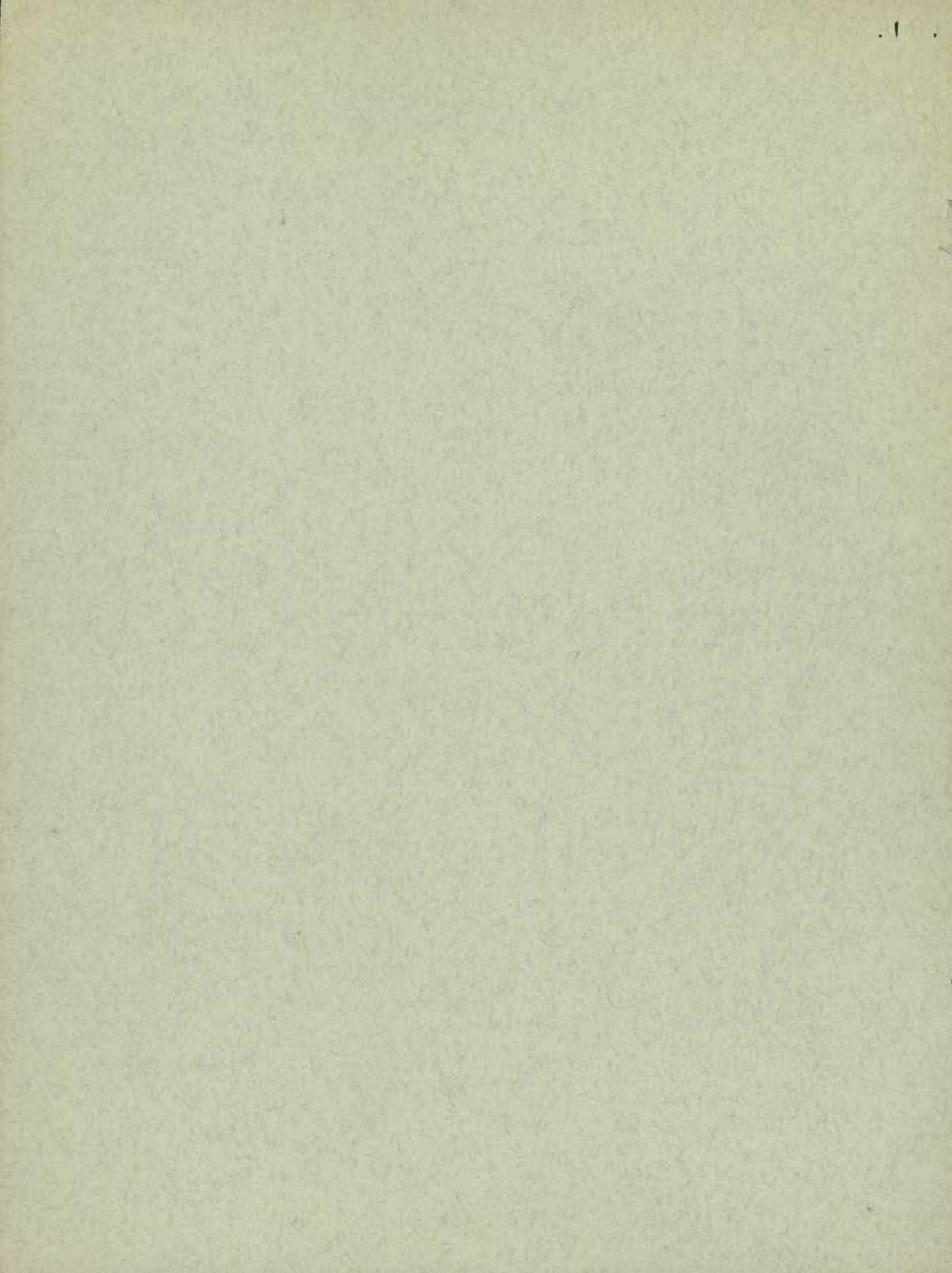
TELEGRAPH STATISTICS

FOR

1933

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OTTAWA
1934



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

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

TELEGRAPH STATISTICS

FOR

1 9 3 3

Gross revenues of all telegraph and cable companies operating in Canada showed a further decrease in revenue during 1933. Gross revenues amounted to \$9,267,715, as against \$9,381,075 in 1932 and \$11,641,729 in 1931. The operating expenses, however, were reduced from \$10,720,949 in 1931 and \$9,020,052 in 1932 to \$8,122,964 in 1933, the net revenue being \$1,144,751 in 1933 compared with \$361,023 in 1932 and the net corporate income debit decreasing from \$1,130,018 to \$157,458.

The pole line mileage amounted to 52,112 miles which was 150 miles less than for 1932 and the wire mileage amounted to 365,489 miles, a decrease of 653 miles from 1932.

The total number of employees was 5,263, or a decrease of 525 from the 1932 total, and salaries and wages for the year amounted to \$5,870,433, excluding \$349,305 commissions paid by the Canadian National and the Canadian Pacific systems to operators not considered employees of these commercial telegraph systems.

Telegrams transmitted, including messages originated at Canadian stations and messages received from United States lines destined to Canadian stations, amounted to 10,135,653 as against 10,519,433 in 1932 or a decrease of 3.6 per cent. The messages originated in Canada decreased by 6.3 per cent while messages received from United States connections increased by 13.1 per cent. Cablegrams, which included only messages from land to land and excluded all wireless messages to and from boats at sea, increased from 1,506,393 in 1932 to 1,589,117 in 1933. These totals also exclude messages to and from the United States which are only relayed at the Canso station of the Western Union Telegraph Company.

During the year \$3,632,910 was transferred by telegraph as against \$4,698,660 in 1932.

The telegraph and cable companies reported new construction valued at \$226,579 as compared with \$305,737 in 1932 and maintenance amounted to \$617,394 compared with \$922,923 in 1932.

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

Year	Pole Line Mileage	Wire Mileage	Employees ^f	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

Year	Telegrams		Cablegrams ^g	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	11,161,388	2,098,810	1,773,340	7,475,928
1932	9,083,776	1,435,657	1,506,393	4,698,660
1933	8,512,020	1,623,633	1,589,117	3,632,910

^f Excludes commission operators.

^g Excludes cablegrams relayed and wireless messages to ships.

Table 2.

CAPITAL STOCK

Company	Common Stock	Preferred Stock	Total Stock	Funded Debt	Total
Canadian National Telegraphs	\$ 873,625	.....	x\$873,625	/\$800,000	\$1,673,625
Canadian Pacific Railway Co.		Included	in Railway	Report	
Dominion Govt. Telegraph Service	.....	.....	.....	.....	.....
Halifax & Bermudas Cable Co.	231,500	.....	231,500	311,977	543,477
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. Ont. Ry. Comm.	.....	.....	.....	.....	.....
Western Union Telegraph Co.	.....	.....	.....	.....	.....
Total	5,859,807	.....	5,859,807	1,111,977	6,971,784

Table 3.

COST OF PROPERTY AND EQUIPMENT

Company	Year ended December 31	
	1933	1932
Canadian National Telegraphs	\$18,829,379	\$18,762,883
Canadian Pacific Railway Company	16,901,804	16,825,441
Dominion Government Telegraph Service	2,447,534	2,572,120
Halifax & Bermudas Cable Company	27,257	27,257
Canadian Marconi Wireless Company	1,218,996	1,151,490
North American Telegraph Company	15,943	15,943
Pacific Cable Board	.....	.....
Temiskaming & Northern Ontario Railway Commission	202,316	202,316
Western Union Telegraph Company	1,582,728	1,524,228
Total	41,225,957	41,081,678

Table 4.

GROSS REVENUES

Canadian National Telegraphs	\$3,926,583	\$3,964,397
Canadian Pacific Railway Company	3,552,173	3,627,683
Dominion Government Telegraph Service	146,084	188,248
Halifax and Bermudas Cable Company	211,161	184,873
Canadian Marconi Wireless Company	680,005	677,646
North American Telegraph Company	398,499	377,967
Pacific Cable Board	141,688	129,489
Temiskaming & Northern Ontario Railway Commission	71,765	63,882
Western Union Telegraph Company	139,757	166,890
Total	9,267,715	9,381,075
Source		
Local Messages	\$4,184,854	\$4,576,596
Conjoint Messages	1,443,504	1,379,834
Press Reports	250,136	280,942
Market Reports	314,343	224,963
Cablegrams	879,886	969,476
Money Orders	73,129	89,458
Leased Wires	1,466,718	1,187,826
Miscellaneous	655,145	671,980
Total	9,267,715	9,381,075

x - \$866,575 held by Canadian National Railways.

/ - Funded debt held by Canadian National Railways.

Table 5.

OPERATING EXPENSES

Company	Year ended December 31	
	1 9 3 3	1 9 3 2
	\$	\$
Canadian National Telegraphs	3,589,959	4,105,119
Canadian Pacific Railway Company	2,488,941	2,598,164
Dominion Government Telegraph Service	461,739	581,216
Halifax and Bermudas Cable Company	110,749	115,542
Canadian Marconi Wireless Company	542,314	625,017
North American Telegraph Company	398,953	378,857
Pacific Cable Board	336,667	387,838
Temiskaming & Northern Ontario Ry. Commission	32,930	40,501
Western Union Telegraph Company	160,712	187,798
Total	8,122,964	9,020,052
<u>Source</u>		
Maintenance - Line and Equipment	1,388,181	1,740,586
Buildings, Offices, etc.	13,676	20,090
Operation - Salaries of Operators, Agents, etc.	4,418,467	4,952,524
Commissions	289,106	293,520
Local Office Expenses, Materials	921,689	799,820
General - Salaries of General Office Clerks & Officers	451,260	559,146
Insurance	17,858	21,675
Legal Expenses	3,408	2,077
Miscellaneous	619,319	630,614
Total	8,122,964	9,020,052

Table 6.

NET OPERATING REVENUES

Company		
Canadian National Telegraphs	336,624	Dr. 140,722
Canadian Pacific Railway Company	1,063,232	1,029,519
Dominion Government Telegraph Service	Dr. 315,655	Dr. 392,968
Halifax and Bermudas Cable Company	100,412	69,331
Canadian Marconi Wireless Company	137,691	52,629
North American Telegraph Company	Dr. 454	Dr. 890
Pacific Cable Board	Dr. 194,979	Dr. 258,349
Temiskaming & Northern Ontario Railway Commission	38,835	23,381
Western Union Telegraph Company	Dr. 20,955	Dr. 20,908
Total	1,144,751	361,023

Table 7.

INCOME ACCOUNT

Company	Year ended December 31			
	Additions to Income		Gross Corporate Income	
	1933	1932	1933	1932
	\$	\$	\$	\$
Canadian National Telegraphs	73,961	68,682	410,585	Dr. 72,040
Canadian Pacific Railway Company	...	...	1,063,232	1,029,519
Dominion Govt. Telegraph Service	24,900	...	Dr.290,755	Dr. 392,968
Halifax & Bermudas Cable Company	6,867	6,300	107,279	75,631
Canadian Marconi Wireless Company	902,775	1,048,278	1,040,466	1,100,907
North American Telegraph Company	6,372	5,044	5,918	4,154
Pacific Cable Board	...	...	Dr.194,979	Dr. 258,349
Temiskaming & Northern Ont. Ry. Commn.	...	...	38,835	23,381
Western Union Telegraph Company	...	...	Dr. 20,955	Dr. 20,908
Total	1,014,875	1,128,304	2,159,626	1,489,327

Company	Deductions from Income		Net Corporate Income	
	1933	1932	1933	1932
		\$	\$	\$
Canadian National Telegraphs	1,136,588	1,214,569	Dr.726,003	Dr.1,286,609
Canadian Pacific Railway Co.	60,654	232,335	1,002,578	797,184
Dominion Govt. Telegraph Service	...	...	Dr.290,755	Dr. 392,968
Halifax & Bermudas Cable Company	38,490	10,032	68,789	65,599
Canadian Marconi Wireless Co.	1,076,331	1,157,525	Dr. 35,865	Dr. 56,618
North American Telegraph Co.	4,444	4,323	1,474	Dr. 169
Pacific Cable Board	...	...	Dr.194,979	Dr. 258,349
Temiskaming & Northern Ont. Ry. Commn.	...	...	38,835	23,381
Western Union Telegraph Co.	577	561	Dr. 21,532	Dr. 21,469
Total	2,317,084	2,619,345	Dr.157,458	Dr.1,130,018

Table 8.

POLE LINE MILEAGE

Company	Year ended December 31	
	1 9 3 3	1 9 3 2
Canadian National Telegraphs	24,013	24,018
Canadian Pacific Railway Company	17,477	17,490
Dominion Government Telegraph Service	8,844	9,077
Temiskaming & Northern Ontario Railway Commission	593	593
Western Union Telegraph Company	1,185	1,184
Total	52,112	52,362
<u>Province</u>		
Prince Edward Island	288	280
Nova Scotia	2,999	2,962
New Brunswick	2,490	2,483
Quebec	6,850	6,772
Ontario	11,570	11,657
Manitoba	4,204	4,251
Saskatchewan	9,084	9,136
Alberta	6,330	6,180
British Columbia	7,252	7,585
Yukon	555	555
Newfoundland	14	14
United States	476	487
Total	52,112	52,362

Table 9.

WIRE MILEAGE

Company	Year ended December 31	
	1 9 3 3	1 9 3 2
Canadian National Telegraphs	165,058	166,172
Canadian Pacific Railway Company	176,423	175,720
Dominion Government Telegraph Service	11,052	11,316
Halifax & Bermudas Cable Company	10	10
North American Telegraph Company	445	445
Temiskaming & Northern Ontario Railway Commission	3,111	3,111
Western Union Telegraph Company	9,390	9,368
Total	365,489	366,142
<u>Province</u>		
Prince Edward Island	790	890
Nova Scotia	15,678	15,224
New Brunswick	16,441	15,846
Quebec	44,559	43,841
Ontario	126,667	128,802
Manitoba	31,860	32,225
Saskatchewan	49,716	49,101
Alberta	37,910	37,946
British Columbia	34,037	34,435
Yukon	653	653
Newfoundland	14	14
United States	7,164	7,165
Total	365,489	366,142

Table 9 - Continued

WIRE MILEAGE

Class	Year ended December 31	
	1933	1932
Iron - Overhead	147,879	160,934
Copper- Overhead	190,344	192,803
" Overhead in cables	19,034	3,431
" Underground	7,258	7,943
" Submarine	974	1,031
Total	365,489	366,142

Mileage of Multiple Circuits, 1933.

Company	Wire Miles included in Total Wire Mileage		Mileage of Channels
	Copper	Iron	
Canadian National Telegraphs	27,103	....	130,462
Canadian Pacific Railway Company	61,159	14,541	231,907
Temiskaming & Northern Ontario Ry. Commn.	...	....	2,005
Total	88,262	14,541	364,374

Table 10.

EMPLOYEES AND SALARIES

Company	Year ended December 31			
	1933		1932	
	No.	Amount	No.	Amount
Canadian National Telegraphs	(1) 2,465	\$ 2,931,462	(3) 2,818	\$ 3,318,159
Canadian Pacific Railway Company	(2) 1,593	1,873,780	(4) 1,746	2,097,518
Dominion Govt. Telegraph Service	712	393,784	729	453,683
Halifax & Bermudas Cable Co.	11	10,164	12	10,236
Canadian Marconi Wireless	228	289,346	211	311,423
North American Telegraph Co.	16	13,788	16	14,435
Pacific Cable Board	106	166,348	117	208,868
Temiskaming & Northern Ont. Ry. Commn.	25	19,231	28	22,614
Western Union Telegraph Company	107	172,530	111	190,669
Total	5,263	5,870,433	5,788	6,627,605
Class				
Operators - Male	1,489		1,744	
Female	564		640	
Other officers and employees	3,210		3,374	
Total	5,263		5,788	

(1) Excluding 1,592 Commission Operators	Commissions	\$167,306
(2) " 187 " "	"	181,999
(3) " 1,585 " "	"	159,182
(4) " 152 " "	"	114,394

Table 11.

NUMBER OF OFFICES

Company	Year ended December 31	
	1933	1932
Canadian National Telegraphs	(1) 1,937	(1) 2,011
Canadian Pacific Railway Company	(2) 1,390	(2) 1,394
Dominion Government Telegraph Service	(3) 703	(3) 756
Halifax and Bermudas Cable Company	(4) 2	(5) 3
Canadian Marconi Wireless Company	(6) 30	(6) 30
North American Telegraph Company	15	16
Pacific Cable Board	3	3
Temiskaming & Northern Ontario Railway Commission	35	35
Western Union Telegraph Company	..	..
Total	4,115	4,248

(1) Includes 7 outside of Canada	(4) Includes 1 outside of Canada
(2) " 12 " " "	(5) " 2 " " "
(3) " 2 " " "	(6) " 12 " " "

Province	1933	1932
Prince Edward Island	33	34
Nova Scotia	252	242
New Brunswick	155	150
Quebec	766	782
Ontario	988	1,046
Manitoba	308	317
Saskatchewan	638	647
Alberta	386	379
British Columbia	540	601
Yukon	15	15
Outside of Canada	34	35
Total	4,115	4,248

Table 12.

MESSAGES

Telegrams Sent, By Provinces

Prince Edward Island	103,489	96,861
Nova Scotia	521,311	551,039
New Brunswick	404,826	403,570
Quebec	1,651,371	1,759,422
Ontario	2,954,979	3,054,271
Manitoba	782,403	822,067
Saskatchewan	447,409	524,781
Alberta	593,164	674,244
British Columbia	970,916	1,103,038
Yukon	68,327	79,682
Outside of Canada /	13,825	14,801
Total	8,512,020	9,083,776

/ On Canadian lines in the United States.

Table 13.

MESSAGES SENT AND RECEIVED

Land Messages

Company	1 9 3 3		1 9 3 2	
	Sent	Received from United States	Sent	Received from United States
Canadian National Telegraphs	4,309,687	1,158,534	4,632,621	929,656
Canadian Pacific Railway Co.	3,800,073	402,115	3,960,053	442,643
Dominion Government Telegraph Service	254,910	...	336,256	...
Canadian Marconi Wireless Company	x 22,450	x 36,240	x 23,725	x 35,614
North American Telegraph Company	30,453	24,285	32,540	25,031
Temiskaming & N. Ontario Ry. Commn.	94,447	2,459	98,581	2,713
Western Union Telegraph Company	...	...	...	...
Total	8,512,020	1,623,633	9,083,776	1,435,657
Total Messages Handled	10,135,653		10,519,433	

x - Messages to and from ships and stations.

Table 14.

NUMBER OF CABLEGRAMS

Company	1 9 3 3		1 9 3 2	
	Sent	Received	Sent	Received
Canadian National Telegraphs	(1) 266,359	(1) 194,428	(1) 258,767	(1) 185,212
Canadian Pacific Railway Co.	295,456	311,118	282,570	290,318
Halifax & Bermudas Cable Co.	96,129	102,939	80,538	88,573
Canadian Marconi Wireless Co.	(2) 104,726	(2) 71,844	(2) 95,213	(2) 77,404
North American Telegraph Co.	829	998	768	1,049
Pacific Cable Board	15,482	10,484	17,333	10,248
Temiskaming & N. Ont. Ry. Commn.	1,009	590	1,032	649
Western Union Telegraph Co.	116,726	(3) 3,915,110	116,719	(3) 4,157,778
Total	896,716	4,607,511	852,940	4,811,231
Total excluding relays		692,401		653,453

(1) Includes messages to and from wireless stations.

(2) Includes only messages from land to land.

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

Table 15.

MARCONI WIRELESS MESSAGES /

	Year ended December 31					
	Nova Scotia		Quebec		Ontario	
	1933	1932	1933	1932	1933	1932
Private messages sent to ships and stations	5,532	7,175	8,266	7,004	3,154	3,011
Private messages received from ships and stations	7,979	7,495	10,774	11,074	8,175	7,677
Messages sent to Govt. ships	205	595	2,021	1,506	387	505
Messages rec'd from Govt. ships	394	970	2,059	1,273	391	392
Govt. messages sent to stations	808	1,761	1,884	1,888	193	280
Govt. messages rec'd from stations	2,299	1,979	3,981	4,490	188	264
Total	17,217	19,975	28,985	27,235	12,488	12,129

/ Included in total telegrams.

Table 16.

MONEY TRANSFERS FORWARDED
Including those received from Foreign Countries

Company	Year ended December 31	
	1 9 3 3	1 9 3 2
Canadian National Telegraphs	\$2,804,615	\$3,696,770
Canadian Pacific Railway Company	818,564	989,996
North American Telegraph Company	9,731	11,894
Western Union Telegraph Company	...	...
Total	3,632,910	4,698,660

Table 17.

MATERIALS USED

	Unit of Measurement	Quantity	Cost Value Delivered at Works
Poles, telegraph	No.	4,892	\$ 22,786
Wire, galvanized	Tons	58	5,223
Wire, copper	Tons	151	49,116
Storage batteries	No.	1,418	1,625
Other materials			320,738
Total			399,488

Table 18.

VALUE OF WORK CARRIED OUT

	New Construction	Alteration & Maintenance Repair Work	Total
Telegraphic lines and works	\$226,579	\$599,454	\$826,033
All other works of construction	...	17,940	17,940
Total	226,579	617,394	843,973

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