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



TELEPHONE STATISTICS

FOR

1940



OTTAWA
1942

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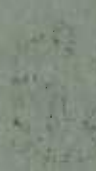
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DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

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TELEPHONE STATISTICS

1940

The number of telephones in Canada increased to 1,461,038 from 1,397,272 in 1939, an increase of 4.6 per cent. The loss sustained during 1930-33 was more than offset and a new high record established, the previous peak being 1,402,861 in 1929. The telephone density was an average of 12.83 telephones per 100 of population which was exceeded only by the United States with 15.85, Sweden with 13.64 and New Zealand with 13.28.

An estimate of the number of telephone conversations during the year was 2,899,103,000 which included 34,888,000 long distance conversations. Long distance calls were fewer than in 1928-30 inclusive, but local calls reached a new high record. The former are counted but local calls are estimated, based on counts made by the large systems on representative days during the year.

Approximately 68 per cent of all telephones were residence telephones and the remaining 32 per cent were business telephones including public pay stations. Approximately 36 per cent of the total were business and residence telephones on individual lines and 19 per cent were on private branch exchanges or extensions which might be considered in somewhat the same class as individual line telephones, raising the percentage to 55 per cent. Two-party line telephones constituted 25 per cent of the total and telephones on lines accommodating more than four telephones per line, which are classed as "rural" in this report, were 17 per cent of the total. Four-party line telephones and public pay station telephones which are on individual lines made up the remaining 3 per cent.

NOTE: Telephone statistics for foreign countries were taken from "Telephone and Telegraph Statistics of the World - January 1, 1940" by the American Telephone and Telegraph Company.

Telephone densities in the several provinces are shown below:

	Telephones per 100 Population	
	Residence Telephones	All Telephones
Prince Edward Island	4.2	5.9
Nova Scotia	6.5	9.3
New Brunswick	5.3	7.9
Quebec	6.1	10.0
Ontario	12.4	17.5
Manitoba	7.1	10.6
Saskatchewan	7.2	9.2
Alberta	6.0	9.3
British Columbia	12.7	18.5
Yukon Territory	2.2	4.4
Total	8.7	12.8

Table 19 shows 71,198 telephones for co-operative systems. The number should be larger than this because many of the systems classed as municipal and stock companies are almost exclusively co-operative in operation. In Ontario municipal systems were constructed by organizations of persons wanting telephone service; the municipalities financed the construction and collected the amount expended through special taxes on the properties served. Of the 131 municipal systems in Ontario only 11 are owned by the municipalities. In Alberta similar organizations were incorporated as stock companies but in this report these have been classed as co-operative systems.

The Bell Telephone Company, with head office in Montreal and operating in Quebec and Ontario, reported 824,697 telephones or 56 per cent of all telephones in Canada and its subsidiaries account for another 4 per cent. The provincial systems in the three Prairie Provinces accounted for 149,471 telephones, or 10 per cent of the total. These provincial systems provide long distance service to the local systems and, except in Edmonton which operates a municipal system, they serve the large cities in these provinces. In the eastern provinces the Provincial systems are mainly in the provincial parks for fire rangers, etc., and the Dominion systems are in outlying sections of the country where no commercial service is available.

The number of telephones on automatic switchboards, or dial telephones as they are commonly known, has increased each year, even when the total number was decreasing. In 1940 53 per cent of the total was automatic. The majority of these were in the fifty-one large cities listed in table 21. During the year 65,456 telephones were added or transferred from manual to automatic switchboards in these cities, as against 11,416 in other municipalities. In Hamilton, Ontario, the remaining manually operated telephones were converted to dial telephones and in Kitchener, Ontario, the entire system was changed from manual to automatic switchboard during the year.

The following table shows the long distance telephone conversations between Canada and foreign countries. To avoid duplications the calls were reported by the system handling them across the Canadian border, although some of them might have originated on other systems. Calls coming in over the American Telephone and Telegraph radio telephone channels and the Bell Telephone connections via the United States were not compiled. Consequently the incoming calls are incomplete.

A regular service was established between Canada and Newfoundland in 1938, but it did not begin operation until January, 1939, and by Governmental Decree because of war conditions ceased to operate September 1. The Canadian Trans-Atlantic Telephone Circuit was also closed on August 31, 1939.

LONG DISTANCE CALLS WITH FOREIGN COUNTRIES

1940

Between Canada and-	Number of Completed Calls		
	Canadian Marconi Company		Bell Telephone Company of Canada
	Originated in Canada	Originated in foreign countries	Originated in Canada
United States and Alaska	-	-	475,824
Newfoundland	134	106	-
United Kingdom	-	-	39
Europe	-	-	40
Asia	-	-	-
Africa	-	-	-
South America	-	-	32
Central America	-	-	5
Australia	-	-	16
Other	-	-	x 227
TOTAL	134	106	476,183
Traffic Transiting Canada	From Newfoundland	To Newfoundland	
United Kingdom (via Atlantic Beam)	-	-	
United States (via Bell and A.T.& T.)	19	36	
TOTAL	19	36	

x - Bahamas	14
Bermuda	12
Cuba	117
Dominican Republic	1
Jamaica	1
Japan	4
Haiti	3
Hawaii	6
Mexico	61
Porto Rico	6
Ship Telephone Service	2
	<u>227</u>

Table 1.

COMPARATIVE SUMMARIES

Tableau 1.

RESUMES COMPARATIFS

Year	Capital Stock	Funded Debt	Total Capital	Cost of Property & Equipment	Income	Expenditure	Net Income
Année	Capital actions	Dette fondée	Capital global	Coût des biens-fonds et du matériel	Recettes	Dépenses	Revenu Net
	\$	\$	\$	\$	\$	\$	\$
1927	76,460,540	115,981,955	192,442,495	243,999,135	56,907,338	48,561,916	8,345,422
1928	85,913,239	121,528,627	207,441,866	263,201,651	61,791,333	51,542,544	10,248,789
1929	93,737,979	141,205,328	254,943,307	291,589,148	65,240,610	56,559,517	8,681,093
1930	102,777,267	155,411,716	258,188,983	319,101,191	69,420,459	61,886,340	7,534,119
1931	105,765,685	168,224,084	273,989,769	333,055,119	66,806,580	60,067,016	6,739,564
1932	106,161,477	172,158,977	278,320,454	333,169,486	60,684,992	55,344,023	5,340,969
1933	106,336,079	165,229,197	271,565,276	330,490,876	55,661,617	50,021,973	5,639,644
1934	108,638,326	162,660,037	271,298,363	331,187,227	57,380,171	50,989,088	6,391,083
1935	109,776,507	159,785,965	269,562,472	327,754,026	57,029,918	50,889,780	6,140,138
1936	111,239,775	160,331,601	271,571,376	330,048,263	59,770,591	51,938,102	7,832,489
1937	127,289,481	160,358,719	287,648,200	335,810,564	63,288,855	54,512,191	8,776,664
1938	126,802,946	163,398,749	292,201,695	342,227,172	64,749,255	55,231,173	9,518,082
1939	130,507,411	162,166,894	292,676,305	350,160,208	67,438,256	57,383,562	10,054,694
1940	132,153,922	160,650,190	292,784,112	359,454,168	72,008,157	62,266,583	9,741,574

Table 2.

Tableau 2.

Year	Salaries and Wages	Number of Employees	Number of Systems	Pole Line Mileage /	Wire Mileage
Année	Salaires et gages	Nombre d'employés	Nombre de réseaux	Longueur de lignes aériennes, en milles	Longueur de fil, en milles
	\$				
1927	26,254,605	23,437	2,462	204,245	5,591,055
1928	28,501,378	24,373	2,447	207,566	3,982,867
1929	31,672,277	27,459	2,415	215,027	4,486,213
1930	32,085,948	26,575	2,414	216,477	4,790,224
1931	28,493,252	23,825	2,399	216,560	4,985,076
1932	24,115,545	21,354	2,414	214,823	5,089,261
1933	21,276,406	18,796	2,403	214,117	5,134,871
1934	21,167,834	17,291	2,388	208,131	5,133,521
1935	22,283,362	17,414	2,835	207,916	5,120,610
1936	23,365,977	17,775	3,063	210,926	5,197,042
1937	25,579,850	18,413	3,191	209,767	5,307,884
1938	26,020,463	17,925	3,203	211,895	5,397,244
1939	26,525,374	17,636	3,212	212,603	5,518,329
1940	27,147,055	18,696	3,193	212,680	5,681,594

/ Includes underground conduits.

/ Comprend les conduites souterraines.

Table 5.
Tableau 5.

Year Année	Number of Telephones Nombre d'appareils					Number of Telephones per 100 Population Nombre d'appareils par 100 âmes	Miles of Wire per Telephone Milles de fil par ap- pareil	Miles of Wire per Mile of Pole Line Milles de fil par mille de ligne aé- rienne
	Business Commer- ciaux	Residence Domesti- ques	Rural Ruraux	Public Pay Publics payants	Total			
1929	566,418	724,001	269,487	22,916	1,582,822	13.78	3.24	20.54
1930	575,387	740,050	264,681	24,743	1,402,861	13.74	3.41	21.57
1931	369,281	723,868	245,485	25,566	1,364,200	13.15	3.65	22.43
1932	351,509	663,815	220,680	25,241	1,261,245	12.00	4.03	23.08
1933	341,063	617,532	209,611	24,124	1,192,330	11.16	4.31	23.36
1934	349,892	605,206	217,182	24,749	1,197,029	11.05	4.28	24.01
1935	351,427	615,052	218,818	23,518	1,208,815	11.05	4.24	24.63
1936	371,401	641,229	229,940	23,658	1,266,228	11.48	4.10	24.64
1937	386,669	676,001	235,763	24,361	1,322,794	11.89	4.01	25.30
1938	396,975	695,861	240,204	26,277	1,359,417	12.13	3.97	25.47
1939	406,279	720,043	243,730	27,220	1,397,272	12.35	3.95	25.96
1940	421,050	762,331	248,982	28,675	1,461,038	12.83	3.89	26.71

Table 4.
Tableau 4.

NUMBER OF TELEPHONES, 1929-1940
NOMBRE D'APPAREILS, 1929-1940

Year Année	On Automatic Switchboards Tableaux commutateurs automatiques		On Manual Switchboards Tableaux commutateurs desservis à la main		Total Number Total
	Number Nombre	Per cent of Total Pourcentage du Total	Number Nombre	Per cent of Total Pourcentage du Total	
	1929	358,198	26	1,024,624	
1930	432,144	31	970,717	69	1,402,861
1931	474,913	35	899,287	65	1,364,200
1932	473,210	38	788,035	62	1,261,245
1933	488,826	41	703,504	59	1,192,330
1934	507,971	42	689,058	58	1,197,029
1935	529,761	44	679,054	56	1,208,815
1936	562,958	44	703,270	56	1,266,228
1937	613,027	46	709,767	54	1,322,794
1938	639,700	47	719,717	53	1,359,417
1939	690,201	49	707,071	51	1,397,272
1940	767,073	53	693,965	47	1,461,038

Table 5.
Tableau 5.

Conversations

Year Année	Local Calls Appels locaux	Long Distance Calls Appels inter- urbains	Total Calls Nombre total d'appels	Average per Telephone Moyens par appareil			Average per Capita Moyenne par capita
				Local Locaux	Long Distance Inter- urbains	Total	
1929	2,425,019,000	37,851,632	2,462,870,632	1,754	27.4	1,781	246
1930	2,475,323,000	37,496,867	2,512,819,867	1,764	26.7	1,791	246
1931	2,421,081,000	33,198,169	2,454,279,169	1,775	24.5	1,799	256
1932	2,319,354,000	27,219,225	2,346,573,225	1,839	21.6	1,861	223
1933	2,247,144,000	24,437,452	2,271,581,452	1,885	20.5	1,905	213
1934	2,278,864,000	25,395,566	2,304,259,566	1,904	21.2	1,925	213
1935	2,294,580,000	26,018,504	2,320,598,504	1,898	21.5	1,920	212
1936	2,444,517,000	27,989,727	2,472,506,727	1,931	22.1	1,953	224
1937	2,582,984,000	30,822,546	2,613,806,546	1,953	23.3	1,976	235
1938	2,592,803,000	30,288,602	2,623,091,602	1,907	22.3	1,930	234
1939	2,742,739,000	31,811,439	2,774,550,439	1,963	22.6	1,986	245
1940	2,864,215,000	34,888,000	2,899,103,000	1,960	23.9	1,984	255

Table 6.
Tableau 6.TELEPHONE SYSTEMS IN CANADA, 1940
Réseaux téléphoniques du Canada, 1940

Provinces	Government Gouvernementaux			Stock Sociétés par actions	Co-operative Sociétés coopératives	Private Réseaux privés	Partnership En nom collectif	Total
	Provincial Provinciaux	Dominion Fédéraux	Municipal Municipaux					
	P. E. Island	-	-	-	11	39	3	-
Nova Scotia	-	1	-	18	211	9	18	257
New Brunswick	1	1	-	15	7	5	5	34
Quebec	-	1	5	128	70	45	25	274
Ontario	5	3	131	333	-	55	37	564
Manitoba	1	-	7	-	9	4	5	26
Saskatchewan	1	1	1	18	1,149	3	-	1,173
Alberta	1	3	1	-	791	-	-	796
British Col.	-	1	1	9	2	1	-	14
Yukon	-	-	-	1	-	1	-	2
Total for Canada	9	11	146	535	2,278	126	90	3,193

Table 7.
Tableau 7.CAPITAL, 1940
Capital immobilisé, 1940

Provinces	Capital Stock	Funded Debt	Total Capital
	Capital actions	Dette fondée	Capital global
	\$	\$	\$
Prince Edward Island	631,792	400,000	1,031,792
Nova Scotia	5,550,772	3,557,948	9,108,720
New Brunswick	6,429,703	4,626	6,434,329
Quebec	/ 85,084,554	/ 76,799,324	/ 161,883,878
Ontario	6,841,738	606,603	7,448,341
Manitoba	3,019	19,069,132	19,072,151
Saskatchewan	15,592,592	18,377,720	33,970,312
Alberta	416,388	28,417,837	28,834,225
British Columbia	11,516,255	13,397,000	24,913,255
Yukon	87,109	-	87,109
Total for Canada	152,153,922	160,650,190	292,784,112

/ Includes data for the Bell Telephone Company in Quebec and Ontario.

/ Comprend les données concernant la Bell Telephone Company en Québec et Ontario.

Table 8.
Tableau 8.

REVENUE, 1940
Recettes, 1940

Provinces	Revenue from subscribers, renters, etc. Recettes des abonnements, etc.	Revenue from long distance calls Recettes des appels inter-urbains	Other Revenue Autres recettes	Total Total
	\$	\$	\$	\$
Prince Edward Island	127,600	72,241	13,043	212,884
Nova Scotia	1,690,285	651,645	48,234	2,590,164
New Brunswick	1,058,103	564,527	15,576	1,638,206
Quebec	/ 32,227,877	/ 11,759,366	/ 3,525,964	/ 47,513,207
Ontario	2,006,499	563,142	108,723	2,678,364
Manitoba	2,613,485	654,652	307,453	3,575,590
Saskatchewan	2,386,058	1,147,900	140,259	3,674,217
Alberta	2,428,679	1,051,868	157,369	3,637,916
British Columbia	4,962,992	1,179,371	527,652	6,670,015
Yukon	13,941	3,439	214	17,594
Total for Canada	49,515,519	17,648,151	4,844,487	72,008,157

Table 9.
Tableau 9.

EXPENDITURES, 1940
Dépenses, 1940

Provinces	Operating Expenses Frais d'exploitation	Taxes Impôts	Principal & Interest Instalments X Versements de principal et d'intérêt X	Other Interest on Debentures, Loans, etc. Autre intérêt sur obligations etc.	Total Total	Excise Tax on L.D. Calls XX Impôt d'acc. sur appels inter-urbains
	\$	\$	\$	\$	\$	\$
P. E. Island	152,577	15,061	-	27,000	194,638	(
Nova Scotia	1,381,089	399,014	-	170,304	1,950,407	(36,267
New Brunswick	1,035,880	261,277	-	14,125	1,311,282	27,043
Quebec	/ 31,253,081	/ 5,509,112	-	/ 3,970,178	/ 40,732,371	567,168
Ontario	2,111,279	101,036	46,668	32,450	2,291,433	43,924
Manitoba	2,188,050	40,409	-	1,103,614	3,332,073	38,402
Saskatchewan	2,816,192	185	-	605,937	3,422,314	54,658
Alberta	2,219,452	117,928	57,575	743,646	3,138,601	57,883
British Columbia	4,515,668	695,757	-	666,707	5,878,132	58,868
Yukon	14,568	370	-	394	15,332	64
Total for Canada	47,687,836	7,140,149	104,243	7,334,355	62,266,583	884,277

/ Includes data for Bell Telephone Company in Quebec and Ontario.

/ Comprend les données concernant la Bell Telephone Company en Québec et Ontario.

X Payable by municipal systems only.

X Payables uniquement par les réseaux municipaux.

XX Tax on the customer collected by the telephone company.

XX La taxe du client est perçue par la compagnie de téléphone.

Table 10.
Tableau 10.

NUMBER OF TELEPHONES, 1940
Nombre d'appareils, 1940

Provinces	On Individual Lines		On Party Lines			
	Sur lignes individuelles		Sur lignes à plusieurs abonnés			
	Business Commerciaux	Residence Domestiques	Local 2-Party Lignes à 2 postes groupés		Local 4-Party Lignes à 4 postes groupés	
Business Comm.			Residence Dom.	Business Comm.	Residence Dom.	
	Number Nombre	Number Nombre	Number Nombre	Number Nombre	Number Nombre	Number Nombre
Prince Edward Island	796	1,105	96	422	28	141
Nova Scotia	6,540	14,516	372	7,642	243	2,239
New Brunswick	4,417	7,920	693	4,868	132	3,811
Quebec	44,412	86,634	3,502	72,699	354	1,549
Ontario	74,589	147,252	6,327	185,105	465	3,911
Manitoba	9,850	27,981	64	8,067	10	90
Saskatchewan	12,005	20,733	342	77	-	17
Alberta	13,423	30,921	25	327	23	77
British Columbia	18,861	10,685	231	68,859	218	4,885
Yukon	31	2	21	-	-	-
Total for Canada	184,924	347,647	11,773	346,066	1,473	16,720

Table 11.
Tableau 11.

NUMBER OF TELEPHONES, 1939
Nombre d'appareils, 1939

Prince Edward Island	793	1,041	98	421	25	138
Nova Scotia	6,457	13,098	385	6,899	247	2,181
New Brunswick	4,342	7,380	680	4,308	128	3,655
Quebec	43,526	83,070	3,387	70,320	262	1,777
Ontario	73,424	137,233	6,674	172,335	374	4,349
Manitoba	9,942	28,721	50	6,763	-	15
Saskatchewan	11,928	19,045	358	63	-	13
Alberta	13,175	29,340	17	331	16	78
British Columbia	18,869	10,402	228	64,141	195	4,597
Yukon	30	2	22	-	-	-
Total for Canada	182,486	327,332	11,899	325,581	1,247	16,803

NUMBER OF TELEPHONES, 1940

Nombre d'appareils, 1940

groupés		Private Branch Exchange and Extension Centrale privée avec extensions		Public Pay Stations Stations publiques payantes	Total		GRAND TOTAL	
	Rural* Service rural	Business Comm.	Residence Dom.	Business Comm.	Business Comm.	Residence Dom.		
	Number Nombre	Number Nombre	Number Nombre	Number Nombre	Number Nombre	Number Nombre	Number Nombre	
	176	2,166	485	99	69	1,650	3,931	5,581
	864	9,938	6,419	2,412	1,066	15,504	36,747	52,251
	880	5,934	4,950	1,382	811	11,883	23,915	35,798
	5,660	26,009	61,512	12,132	9,656	125,196	199,023	324,219
	4,904	102,486	96,854	28,465	11,944	195,083	465,219	660,302
	1,155	13,468	12,582	1,879	2,192	25,853	51,485	77,338
	-	45,210	5,705	684	390	18,442	66,721	85,163
	1,229	15,979	10,481	3	1,034	26,215	47,207	73,422
	828	11,977	23,892	4,842	1,510	45,540	101,248	146,788
	34	85	-	-	3	89	87	176
	15,730	233,252	222,880	51,898	28,675	465,455	995,583	1,461,038

NUMBER OF TELEPHONES, 1939

Nombre d'appareils, 1939

	175	2,163	473	98	69	1,633	3,861	5,494
	840	9,879	5,925	2,234	1,012	14,866	34,291	49,157
	843	5,815	4,623	1,315	783	11,399	22,473	33,872
	5,298	24,727	58,380	12,364	8,821	119,674	192,258	311,932
	4,619	100,780	90,329	27,410	11,569	186,989	442,107	629,096
	1,104	13,027	12,150	1,628	2,165	25,411	48,154	73,565
	13	44,940	5,273	600	362	17,934	64,661	82,595
	1,128	15,728	10,095	11	1,017	25,448	45,488	70,936
	839	11,701	23,399	4,667	1,416	44,946	95,508	140,454
	31	80	-	-	6	89	82	171
	14,890	228,840	210,647	50,327	27,220	448,389	948,883	1,397,272

* - More than 4-party.

* - Cinq téléphones ou plus à chaque ligne.

Table 12.
Tableau 12.

NUMBER OF TELEPHONES, 1940 - 1939
Nombre d'appareils, 1940 - 1939

Provinces	Estimated Population 1940 Population estimative en 1940	Residence and Rural Domestiques et ruraux		Total Telephones Nombre total d'appareils		
		Total Number	Average per 100 Population, 1940 Moyenne par 100 âmes en 1940	Total Number	Average per 100 Population	
		Total		Total	1940	1939
P. E. Island	94,000	4,107	4.37	5,581	5.9	5.8
Nova Scotia	562,000	37,611	6.69	52,251	9.3	8.9
New Brunswick	452,000	24,795	5.49	35,798	7.9	7.5
Quebec	3,257,000	204,683	6.28	324,219	10.0	9.7
Ontario	3,763,000	470,123	12.49	660,302	17.5	16.8
Manitoba	728,000	52,640	7.23	77,338	10.6	10.1
Saskatchewan	930,000	66,721	7.17	85,163	9.2	8.7
Alberta	790,000	48,436	6.13	73,422	9.3	9.0
British Columbia	795,000	102,076	12.84	146,788	18.5	18.1
Yukon	4,000	121	3.03	176	4.4	4.3
N.W.Territories	10,000	-	-	-	-	-
Total for Canada	11,385,000	1,011,313	8.88	1,461,038	12.8	12.3

Table 13.
Tableau 13.

TELEPHONE CONVERSATIONS
Conversations téléphoniques

Based on Estimates from the Larger Telephone Systems
Basées sur les estimations des grands systèmes téléphoniques
1940

Company Compagnie	X _{Total} Conversations Nombre total de conversations	Telephones Téléphones en 1940	Conversations per Telephone Conversations par téléphone 1940
Island Telephone Company	9,204,000	4,361	2,111
Maritime Telegraph & Telephone Co.	94,682,000	46,618	2,031
New Brunswick Telephone Company	75,422,000	34,351	2,196
Bell Telephone Company of Canada	1,673,098,000	824,697	2,029
Fort William Municipal Tel. System	14,587,000	5,625	2,593
Port Arthur Municipal Tel. System	8,469,000	4,278	1,980
Manitoba Systems	221,582,000	77,338	2,865
Saskatchewan Systems	186,771,000	85,163	2,193
Alberta Government Telephones	115,413,000	35,618	3,240
Edmonton Automatic Telephone System	52,741,000	19,857	2,656
British Columbia Telephone Company	212,315,000	133,766	1,587
Total Eleven Systems (onze systèmes)	2,664,284,000	1,271,672	2,095
Balance other systems Balance des autres systèmes	234,819,000	189,366	1,240
Total All Systems—Total tous systèmes	2,899,103,000	1,461,038	1,984

X - Local conversations estimated on counts made on representative days plus actual counts of completed long distance calls

X - Les conversations locales sont estimées sur des comptages faits à certains jours représentatifs ajoutés aux comptages actuels des appels interurbains complétés.

/ - Data as shown apply to entire province. / Ces données s'appliquent à toute la province.

NUMBER OF TELEPHONES, 1940 - 1939

Nombre d'appareils, 1940 - 1939

Number of Telephones Nombre d'appareils				Number of Telephones Nombre d'appareils			
On Automatic switchboards Tableaux commutateurs automatiques		On manual switchboards Tableaux commutateurs desservis à la main		Operated by central energy A source d'énergie centrale		Operated by magneto energy A magnéto	
1940	1939	1940	1939	1940	1939	1940	1939
-	-	5,581	5,494	3,148	3,063	2,433	2,431
26,319	22,062	25,932	27,095	40,051	37,110	12,200	12,047
17,152	15,843	18,646	18,029	24,672	22,869	11,126	11,003
233,582	217,832	90,637	94,100	276,178	261,521	48,041	50,411
326,779	286,090	333,523	343,006	535,994	498,392	124,308	130,704
54,948	51,634	22,390	21,931	59,614	55,755	17,724	17,810
29,328	27,243	55,835	55,352	30,251	28,176	54,912	54,419
46,462	44,237	26,960	26,699	47,720	45,436	25,702	25,500
32,503	25,260	114,285	115,194	133,451	127,742	13,337	12,712
-	-	176	171	-	-	176	171
-	-	-	-	-	-	-	-
767,073	690,201	693,965	707,071	1,151,079	1,080,064	309,959	317,208

Table 14.

EMPLOYEES, SALARIES AND WAGES, 1940 - 1939

Tableau 14.

Employés, salaires et gages, 1940 - 1939

	Employees Employés		Salaries and Wages Salaires et gages	
	1940	1939	1940	1939
	No.	No.	\$	\$
P. E. Island	101	90	65,009	66,275
Nova Scotia	807	749	802,431	740,355
New Brunswick	573	600	600,860	596,363
Quebec	4,360	4,063	7,423,510	7,174,661
Ontario	7,488	6,834	11,621,023	11,374,849
Manitoba	1,119	1,095	1,415,262	1,477,711
Saskatchewan	x 682	x 647	x 882,552	x 859,979
Alberta	1,071	1,062	1,165,155	1,149,165
British Columbia	2,490	2,490	3,161,717	3,072,282
Yukon	5	6	9,536	13,734
Total for Canada	18,696	17,636	27,147,055	26,525,374

x - Excluding employees and salaries and wages paid on rural systems.

x - A l'exclusion des employés des systèmes rurales, ainsi que de leurs salaires et gages.

Table 15.
Tableau 15.

WIRE MILEAGE, 1940
Millage de fil, 1940

Provinces	Copper C u i v r e			Iron F e r			Total Wire Mileage
	In Cables	In Open Circuits	Total /	In 2-wire circuits	In 1-wire circuits	Total	Millage total des fils
	En Câbles	En Circuit ouvert	Total /	Circuits bi- filaires	Circuits uni- filaires	Total	
P.E. Island	-	2,852	2,852	6,031	110	6,141	8,993
Nova Scotia	82,031	24,160	106,191	21,742	1,079	22,821	129,012
New Brunswick	48,065	14,086	62,151	13,641	1,098	14,739	76,890
Quebec	1,249,334	52,204	1,301,538	54,214	6,917	61,131	1,362,669
Ontario	2,385,304	129,936	2,515,240	165,955	1,470	167,425	2,682,665
Manitoba	231,555	26,695	258,250	60,614	315	61,129	319,379
Saskatchewan	121,842	51,239	173,081	219,170	140	219,310	392,391
Alberta	167,960	40,198	208,158	57,414	2,292	59,706	267,864
British Columbia	389,843	30,408	420,251	18,754	2,202	20,956	441,207
Yukon	-	16	16	455	53	508	524
Total for Canada	4,675,934	371,794	5,047,728	618,190	15,676	633,866	5,681,594

/ Includes 831 miles in 1-wire circuits. / - Y compris 831 milles de circuit unifilaire.

Table 16.
Tableau 16.

WIRE MILEAGE, 1939
Millage de fil, 1939

Provinces	Copper C u i v r e			Iron F e r			Total Wire Mileage
	In Cables	In Open Circuits	Total ø	In 2-wire circuits	In 1-wire circuits	Total	Millage total des fils
	En Câbles	En Circuit ouvert	Total ø	Circuits bi- filaires	Circuits uni- filaires	Total	
P. E. Island	-	2,376	2,376	5,973	106	6,079	8,455
Nova Scotia	79,690	23,738	103,428	21,665	1,148	22,813	126,241
New Brunswick	45,180	12,967	58,147	13,567	1,039	14,606	72,753
Quebec	1,207,684	50,900	1,258,584	55,480	7,266	62,746	1,321,330
Ontario	2,294,274	126,735	2,421,009	164,662	1,698	166,360	2,587,369
Manitoba	228,510	26,489	254,999	61,642	320	61,962	316,961
Saskatchewan	120,124	50,714	170,838	219,074	140	219,214	390,052
Alberta	167,087	40,506	207,593	56,559	2,081	58,640	266,233
British Columbia	378,201	29,475	407,676	18,461	2,202	20,663	428,339
Yukon	-	16	16	482	98	580	596
Total for Canada	4,520,750	363,916	4,884,666	617,565	16,098	633,663	5,518,329

ø - Includes 772 miles in one wire circuits. ø - Y compris 772 milles de circuit unifilaire.

Table 17.

POLE LINE MILEAGE, 1940 - 1939

Tableau 17.

Millage de lignes aériennes, 1940 - 1939

Provinces	1940	1939
Prince Edward Island	1,869	1,830
Nova Scotia	7,761	7,759
New Brunswick	5,575	4,960
Quebec	22,834	22,988
Ontario	55,915	55,747
Manitoba	16,421	16,994
Saskatchewan	70,115	70,010
Alberta	25,399	25,474
British Columbia	6,720	6,712
Yukon	71	129
Total for Canada	212,680	212,603

∕ - Includes 6,393 miles of underground conduits in 1940 and 6,300 miles in 1939.

∕ - Comprend 6,393 milles de conduites souterraines en 1940 et 6,300 milles en 1939.

Table 18.

TELEPHONE POLES PURCHASED

Tableau 18.

Achats de poteaux de téléphone

Provinces	1940		1939	
	Number Nombre	Cost Coût	Number Nombre	Cost Coût
		\$		\$
Prince Edward Island	170	95	298	238
Nova Scotia	9,226	23,842	8,820	23,242
New Brunswick	3,836	10,054	10,490	22,234
Quebec	x 90,111	x523,890	x 32,890	x 93,357
Ontario	19,004	37,968	24,803	45,695
Manitoba	22,857	50,244	26,043	54,515
Saskatchewan	8,648	40,907	10,780	50,909
Alberta	25,207	62,049	32,755	87,198
British Columbia	5,561	26,383	6,586	28,358
Yukon	-	-	-	-
Total for Canada	184,620	775,432	153,465	405,746

x - Includes data of the Bell Telephone Company in Quebec and Ontario.

x - Comprend les données concernant la Bell Telephone Company dans le Québec et l'Ontario.

Table 19.

NUMBER OF TELEPHONES AND INVESTMENT, BY SYSTEMS, 1940

Tableau 19.

Nombre d'appareils et immobilisations, par réseau, 1940

Provinces	Investment Immobilisations	Number of Telephones - Nombre d'appareils						
		On Individual Lines Lignes individuelles		Local 2-Party Lignes à 2 postes groupés		Local 4-Party Lignes à 4 postes groupés		
		Business Commerciaux	Residence Domestiques	Business Commerciaux	Residence Domestiques	Business Commerciaux	Residence Domestiques	
		No.	No.	No.	No.	No.	No.	
PRINCE EDWARD ISLAND								
Stock companies	1,031,888	796	1,103	96	422	28	141	
Co-operative systems	41,090	-	-	-	-	-	-	
Total	1,072,978	796	1,103	96	422	28	141	
NOVA SCOTIA								
Stock companies	11,521,038	6,534	14,507	372	7,640	243	2,229	
Co-operative systems	296,768	6	9	-	2	-	10	
Dominion Government	-	-	-	-	-	-	-	
Total	11,817,806	6,540	14,516	372	7,642	243	2,239	
NEW BRUNSWICK								
Stock companies	8,315,694	4,417	7,920	693	4,868	132	3,811	
Co-operative systems	7,250	-	-	-	-	-	-	
Provincial Government	85,194	-	-	-	-	-	-	
Dominion Government	-	-	-	-	-	-	-	
Total	8,404,138	4,417	7,920	693	4,868	132	3,811	
QUEBEC								
Stock companies	77,633,289	44,321	86,383	3,601	72,651	351	1,509	
Co-operative systems	257,493	86	241	-	41	3	34	
Municipal systems	9,248	5	10	1	7	-	6	
Dominion Government	-	-	-	-	-	-	-	
Total	77,900,030	44,412	86,634	3,602	72,699	354	1,549	
ONTARIO								
Stock companies	146,126,016	70,301	138,470	6,070	181,778	405	2,459	
Municipal systems	4,174,669	3,279	8,776	209	1,324	59	1,452	
Provincial Government	1,100,605	31	8	8	3	1	-	
Dominion Government	30,000	378	-	40	-	-	-	
Total	151,431,290	74,589	147,252	6,327	183,105	465	3,911	
MANITOBA								
Stock companies	13,740	2	-	30	-	10	85	
Co-operative systems	2,025	6	1	-	-	-	4	
Municipal systems	426,627	162	226	1	1	-	1	
Provincial Government	22,786,529	9,680	27,754	33	8,066	-	-	
Total	23,228,721	9,850	27,981	64	8,067	10	90	
SASKATCHEWAN								
Stock companies	52,836	286	282	1	11	-	17	
Co-operative systems	18,319,206	-	-	-	-	-	-	
Municipal systems	6,775	28	48	-	-	-	-	
Provincial Government	15,318,966	11,691	20,405	341	66	-	-	
Dominion Government	-	-	-	-	-	-	-	
Total	33,697,783	12,005	20,733	342	77	-	17	
ALBERTA								
Co-operative systems	529,054	16	97	2	13	20	76	
Municipal systems	2,463,918	3,983	12,083	-	-	-	-	
Provincial Government	15,225,954	9,252	18,378	-	304	-	-	
Dominion Government	26,579	172	263	23	10	3	1	
Total	18,245,505	13,423	30,821	25	327	23	77	
BRITISH COLUMBIA								
Stock companies	33,482,414	18,560	10,619	231	68,859	119	3,937	
Co-operative systems	3,220	-	-	-	-	-	-	
Municipal systems	114,350	301	66	-	-	99	948	
Dominion Government	-	-	-	-	-	-	-	
Total	33,599,984	18,861	10,685	231	68,859	218	4,885	
YUKON								
Stock companies	55,953	31	2	21	-	-	-	
Total	55,953	31	2	21	-	-	-	
CANADA								
Stock companies	278,250,868	145,848	259,286	11,115	336,229	1,288	14,188	
Co-operative systems	19,456,106	114	348	2	56	23	124	
Municipal systems	7,195,587	7,758	21,207	211	1,332	158	2,407	
Provincial Government	54,515,048	30,654	66,543	382	8,439	1	-	
Dominion Government	56,579	550	263	65	10	3	1	
GRAND TOTAL	359,454,168	184,924	347,647	11,775	346,066	1,473	16,720	

NUMBER OF TELEPHONES AND INVESTMENT, BY SYSTEMS, 1940
 Nombre d'appareils et immobilisations, par réseau, 1940

Number of Telephones - Nombre d'appareils							Provinces
Rural Service Rural		Private Branch Exchange and Extensions Centrale privée (avec extensions)		Public Pay Station Stations publiques payantes	Total		
Business Commerciaux	Residence Domestiques	Business Commerciaux	Residence Domestiques	Business Commerciaux			
No.	No.	No.	No.	No.	No.		
<u>ILE DU PRINCE-EDOUARD</u>							
166	1,253	485	99	69	4,656	Compagnies par actions	
10	213	-	-	-	223	Sociétés coopératives	
176	2,166	485	99	69	5,581	Total	
<u>NOUVELLE-ECOSSE</u>							
732	5,760	6,419	2,412	1,061	47,909	Compagnies par actions	
132	3,921	-	-	5	4,085	Sociétés coopératives	
-	257	-	-	-	257	Gouvernement fédéral	
864	9,938	6,419	2,412	1,066	52,251	Total	
<u>NOUVEAU-BRUNSWICK</u>							
708	5,702	4,950	1,382	811	35,394	Compagnies par actions	
2	136	-	-	-	138	Sociétés coopératives	
170	-	-	-	-	170	Gouvernement provincial	
-	96	-	-	-	96	Gouvernement fédéral	
880	5,934	4,950	1,382	811	55,798	Total	
<u>QUEBEC</u>							
5,578	22,395	61,512	12,125	9,653	520,079	Compagnies par actions	
76	3,170	-	7	3	3,661	Sociétés coopératives	
6	98	-	-	-	155	Réseaux municipaux	
-	546	-	-	-	546	Gouvernement fédéral	
5,660	26,009	61,512	12,132	9,656	524,219	Total	
<u>ONTARIO</u>							
3,478	74,716	95,571	28,011	11,654	615,495	Compagnies par actions	
431	27,565	1,283	454	216	45,048	Réseaux municipaux	
759	197	-	-	68	1,073	Gouvernement provincial	
236	8	-	-	26	688	Gouvernement fédéral	
4,904	102,486	96,854	28,465	11,944	660,302	Total	
<u>MANITOBA</u>							
1	485	-	-	-	613	Compagnies par actions	
3	96	-	-	-	110	Sociétés coopératives	
118	1,474	50	-	5	2,038	Réseaux municipaux	
1,033	11,413	12,532	1,879	2,187	74,577	Gouvernement provincial	
1,155	13,468	12,582	1,879	2,192	77,338	Total	
<u>SASKATCHEWAN</u>							
-	194	-	3	2	796	Compagnies par actions	
-	45,009	-	-	-	45,009	Sociétés coopératives	
-	-	-	-	1	75	Réseaux municipaux	
-	-	5,705	681	387	39,276	Gouvernement provincial	
-	7	-	-	-	7	Gouvernement fédéral	
-	45,210	5,705	684	390	85,163	Total	
<u>ALBERTA</u>							
1,185	15,773	2	3	20	17,207	Sociétés coopératives	
-	-	3,643	-	148	19,857	Réseaux municipaux	
-	-	6,827	-	857	35,618	Gouvernement provincial	
44	206	9	-	9	740	Gouvernement fédéral	
1,229	15,979	10,481	3	1,034	73,422	Total	
<u>COLOMBIE BRITANNIQUE</u>							
821	10,955	23,729	4,802	1,510	144,142	Compagnies par actions	
7	58	-	-	-	65	Sociétés coopératives	
-	-	163	40	-	1,817	Réseaux municipaux	
-	964	-	-	-	964	Gouvernement fédéral	
828	11,977	23,892	4,842	1,510	146,788	Total	
<u>YUKON</u>							
34	85	-	-	3	176	Compagnies par actions	
34	85	-	-	3	176	Total	
<u>CANADA</u>							
11,518	121,545	192,686	48,834	24,743	1,167,260	Compagnies par actions	
1,415	69,078	2	10	28	71,198	Sociétés coopératives	
555	29,137	5,133	494	370	68,768	Réseaux municipaux	
1,962	11,610	25,064	2,560	3,499	150,714	Gouvernement provincial	
280	1,884	9	-	35	3,098	Gouvernement fédéral	
15,730	233,252	222,880	51,898	28,675	1,461,038	GRAND TOTAL	

Table 20.

STATISTICS OF LARGE TELEPHONE SYSTEMS

Tableau 20.

Statistiques des grands réseaux téléphoniques

Line No.	Name of Telephone Company	Capital Stock	Funded Debt	Total Capital	Cost of Property & Equipment	Gross Revenue	Operating Expenses
Réseau Nombres	Nom de la Compagnie	Capital-actions	Dette fondée	Capital global	Coût des biens-fonds et du matériel	Recettes brutes	Frais d'exploitation
		\$	\$	\$	\$	\$	\$
PRINCE EDWARD ISLAND							
1.	The Island Telephone Company, Ltd.	600,000	400,000	1,000,000	1,015,983	199,368	149,254
NOVA SCOTIA							
2.	Maritime Telegraph and Telephone Co. ...	5,553,120	3,500,000	8,853,120	11,450,937	2,322,655	1,304,819
NEW BRUNSWICK							
3.	New Brunswick Telephone Co.	6,372,090	-	6,372,090	8,226,697	1,611,532	1,014,559
QUEBEC							
4.	The Bell Telephone Company of Canada ...	82,114,900	75,435,054	157,547,954	210,995,316	45,774,753	30,350,400
5.	Bonaventure & Gaspé Telephone Co., Ltd.	114,100	5,000	119,100	169,450	42,644	35,130
6.	Canadian Telephone Company	40,000	21,000	61,000	101,291	26,399	21,381
7.	Charlevoix & Saguenay Telephone Co.	65,560	55,000	120,560	151,314	41,138	29,235
8.	Eastern Townships Telephone Company	105,540	74,000	179,540	380,402	106,409	77,182
9.	Farmers' Telephone Company	99,400	1,000	100,400	180,381	38,953	29,054
10.	Harricana & Gatineau Telephone Co., Ltd.	47,700	42,700	90,400	103,753	36,334	21,595
11.	Kamouraska Telephone Company	112,700	30,000	142,700	330,271	60,035	41,820
12.	Mansonville Utilities, Ltd.	48,800	129,855	178,655	89,781	15,259	17,541
13.	Northern Telephone Company			(See "Ontario")			
14.	Pontiac Rural Telephone Co., Ltd.	27,590	443	27,833	35,449	9,201	11,655
15.	Quebec Telephone & Power Corp.	768,089	370,500	1,138,589	1,424,000	196,147	156,402
16.	Saguenay & Quebec Telephone Company	421,154	508,200	727,354	897,367	171,787	132,067
17.	Soulanges Telephone Company	75,000	-	75,000	59,934	10,965	9,619
18.	Victoriaville Telephone Company	16,450	20,878	37,328	49,617	13,174	11,337
ONTARIO							
19.	The Bell Telephone Company of Canada ...			(See "Quebec")			
20.	Aylmer and Malahide Telephone Co., Ltd.	66,933	-	66,933	111,897	28,278	30,572
21.	Bethesda and Stonyville Telephone Co. Ltd.	38,000	40,000	78,000	114,817	20,111	14,461
22.	Blanshard Municipal Telephone System ...	84,459	8,541	93,000	110,979	22,706	18,914
23.	Brooks Municipal Telephone System	78,527	-	78,527	78,752	12,207	11,492
24.	Bruce Municipal Telephone System	161,400	-	161,400	175,361	33,280	30,901
25.	Brussels Morris & Grey Mun. Tel. System	83,858	-	83,858	91,116	9,661	8,722
26.	Dunnville Consolidated Telephone Co., Ltd.	52,500	44,000	96,500	146,214	35,763	29,177
27.	Fort William Municipal Telephone System	509,282	85,738	595,000	595,000	156,461	141,673
28.	Ingersoll Telephone Company, Ltd.	50,000	25,000	75,000	248,112	49,374	35,685
29.	Kenora Municipal Telephone System	53,005	17,303	70,308	134,129	40,885	28,517
30.	Moore Municipal Telephone System	65,965	-	65,965	78,359	13,581	10,514
31.	Moisy River Telephone Company, Ltd.	35,000	-	35,000	108,099	18,781	14,687
32.	Northern Telephone Company, Ltd.	477,960	145,500	623,460	1,447,652	521,615	381,056
33.	Port Arthur Municipal Telephone System	346,160	54,987	401,147	449,820	117,839	83,154
34.	Southern Ontario Telephone Co., Ltd. ...	537,900	-	537,900	527,527	107,837	66,623
35.	Tuckersmith Municipal Telephone System	68,335	233	68,568	74,758	10,885	10,181
36.	Welland County Telephone Co., Ltd.	192,775	-	192,775	299,302	76,222	46,461
37.	Woodbridge & Vaughan Telephone Co., Ltd.	141,700	-	141,700	397,176	74,232	58,333
MANITOBA - SASKATCHEWAN - ALBERTA							
38.	Manitoba Telephone System	-	19,056,632	19,056,632	22,786,329	3,175,342	2,136,566
39.	Saskatchewan Telephone System	-	15,606,952	15,606,952	15,318,966	2,574,515	1,679,461
40.	Alberta Telephone System	-	27,529,138	27,529,138	15,225,954	2,671,367	1,595,910
41.	City of Edmonton Automatic Tel. System	-	885,559	885,559	2,463,918	630,856	268,145
BRITISH COLUMBIA							
42.	British Columbia Telephone Company	10,000,000	12,500,000	22,500,000	31,079,911	6,050,009	4,177,225
43.	Chilliwack Telephones, Ltd.	175,000	-	175,000	261,078	43,300	23,567
44.	Kootenay Telephone Company, Ltd.	240,000	-	240,000	284,483	68,457	41,564
45.	Niasica Telephone Company, Ltd.	40,000	-	40,000	70,846	14,581	9,494
46.	North-West Telephone Company	500,000	255,000	755,000	442,384	156,046	96,871
47.	Okanagan Telephone Company	417,400	642,000	1,059,400	1,118,594	194,069	116,628
48.	Solar Telephones, Ltd.	60,500	-	60,500	98,430	15,539	9,885
49.	Summerland Telephone Company, Ltd.	19,000	-	19,000	79,490	12,178	7,593

STATISTICS OF LARGE TELEPHONE SYSTEMS

Statistiques des grands réseaux téléphoniques

Line No.	Net Operating Revenues	Additions to Income	Gross Corporate Income	Deductions from Income	Net Corporate Income	Dividends	Reserves	Balance to Profit and Loss	Number of Employees (Full Time)	Total Salaries and Wages
Réseau Nombre	Revenus net d'exploitation	Additions aux revenus	Revenu corporatif brut	Déductions des revenus	Revenu corporatif net	Dividendes	Réserve	Balance au compte des profits et pertes	Nombre d'employés (à temps entier)	Total des salaires et gages
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
1.	50,114	9,934	60,048	42,245	17,803	15,000	-	2,803	101	65,352
2.	1,017,836	4,074	1,021,910	584,728	437,182	411,940	-	25,242	788	774,525
3.	596,973	7,903	604,876	274,079	330,797	318,286	-	12,511	563	589,943
4.	15,424,353	608,779	16,033,132	9,342,590	6,690,542	6,524,680	-	165,862	3,794	6,939,785
5.	7,514	-	7,514	1,570	5,944	4,564	-	1,380	22	20,687
6.	5,018	-	5,018	2,436	2,582	2,000	-	582	17	14,258
7.	11,903	-	11,903	6,720	5,183	5,245	-	62	16	17,047
8.	29,227	-	29,227	16,727	12,500	10,554	-	1,946	42	37,695
9.	7,899	-	7,899	3,499	4,400	4,970	-	570	16	17,456
10.	14,739	-	14,739	9,822	4,917	-	1,281	3,636	10	12,069
11.	18,215	-	18,215	9,854	8,361	9,016	-	655	54	21,241
12.	2,282	-	2,282	440	2,722	-	-	2,722	11	8,996
13.	-	-	-	(see Ontario)	-	-	-	-	-	-
14.	2,454	-	2,454	325	2,779	-	-	2,779	9	5,415
15.	39,745	8,116	47,861	28,616	19,245	-	-	19,245	110	76,258
16.	39,720	1,350	41,070	28,856	12,234	12,000	-	234	85	63,060
17.	1,346	-	1,346	1,490	144	-	-	144	6	4,807
18.	1,837	-	1,837	1,638	199	-	-	199	10	6,468
19.	-	-	-	(see Quebec)	-	-	-	-	6,336	10,436,454
20.	2,294	792	1,502	786	2,288	-	-	2,288	10	13,928
21.	5,650	176	5,826	3,063	2,763	2,280	-	483	10	8,508
22.	3,792	-	3,792	2,454	1,338	-	-	1,338	12	11,018
23.	715	-	715	313	402	-	-	402	2	5,992
24.	2,479	-	2,479	91	2,388	-	-	2,388	30	18,000
25.	959	-	959	49	890	-	-	890	7	5,214
26.	6,586	906	7,492	4,815	2,677	4,200	-	1,523	16	17,137
27.	14,788	300	15,088	7,950	7,138	-	4,053	3,105	54	85,675
28.	13,689	-	13,689	6,421	7,268	4,000	-	3,268	18	19,742
29.	12,368	351	12,719	5,644	7,075	-	-	7,075	10	19,587
30.	3,067	-	3,067	20	3,047	-	-	3,047	6	6,270
31.	4,114	1,844	5,958	1,632	4,326	3,500	-	826	9	8,659
32.	140,559	-	140,559	51,696	88,863	47,796	-	41,067	257	192,612
33.	34,685	-	34,685	3,024	31,661	-	3,557	28,504	51	61,248
34.	41,214	-	41,214	16,459	24,755	26,891	-	2,136	47	36,238
35.	702	-	702	167	535	-	-	535	1	2,438
36.	29,761	1,219	30,980	11,722	19,258	15,422	-	3,836	25	30,255
37.	15,899	-	15,899	9,604	6,295	5,668	-	627	27	32,578
38.	-	-	-	-	-	-	-	-	-	-
39.	1,338,776	44,112	1,382,888	1,143,233	239,655	-	97,008	142,647	1,082	1,384,184
40.	895,054	65,561	960,615	717,084	243,531	-	75,090	167,861	672	874,543
41.	1,075,457	1,264	1,076,721	743,615	333,106	-	37,681	295,425	977	943,304
42.	362,711	47,917	410,628	194,266	216,362	-	45,125	170,537	84	149,038
43.	-	-	-	-	-	-	-	-	-	-
44.	1,872,784	37,323	1,910,107	1,250,578	659,529	690,000	-	30,471	2,358	2,982,299
45.	19,735	103	19,838	8,397	11,439	11,750	-	311	11	12,388
46.	26,893	5	26,898	11,742	15,156	14,400	-	756	37	31,685
47.	5,087	-	5,087	1,852	3,235	2,800	-	435	7	6,949
48.	59,275	17,485	76,760	37,789	38,971	40,000	-	929	27	28,530
49.	77,441	8,599	86,040	48,538	37,502	25,044	-	12,458	50	67,997
50.	5,656	24	5,680	1,471	4,209	4,209	-	-	4	6,020
51.	4,585	87	4,672	779	3,893	3,893	-	-	3	5,019

Table 20.

STATISTICS OF LARGE TELEPHONE SYSTEMS

Tableau 20.

Statistiques des grands réseaux téléphoniques
Number of Telephones - Nombre d'appareils

Line No.	Name of Telephone Company	On Individual Lines		On Party Lines	
		Sur lignes individuelles		Local 2-Party Service urbain - 2 abonnés	
		Business Commerciaux	Residence Domestiques	Business Commerciaux	Residence Domestiques
Réseau	Nom de la Compagnie				
<u>PRINCE EDWARD ISLAND</u>					
1.	The Island Telephone Company, Ltd.	796	1,100	96	422
<u>NOVA SCOTIA</u>					
2.	Maritime Telegraph and Telephone Company	6,516	14,483	372	7,637
<u>NEW BRUNSWICK</u>					
5.	New Brunswick Telephone Company	4,405	7,908	691	4,865
<u>QUEBEC</u>					
4.	The Bell Telephone Company of Canada	38,184	78,811	2,716	71,216
5.	Bonaventure and Gaspé Telephone Co., Ltd. ...	150	145	-	-
6.	Canadian Telephone Company	130	260	11	34
7.	Charlevoix and Saguenay Telephone Company ...	160	278	32	78
8.	Eastern Townships Telephone Company	449	596	144	240
9.	Farmers' Telephone Company	173	108	7	46
10.	Harricana & Gatineau Telephone Co., Ltd.	261	137	54	35
11.	Kamouraska Telephone Company	298	192	72	64
12.	Mansonville Utilities, Limited	35	35	45	12
13.	Northern Telephone Company, Ltd.	717	908	-	138
14.	Pontiac Rural Telephone Co., Ltd.	25	89	-	12
15.	Quebec Telephone and Power Corporation	1,194	756	137	100
16.	Saguenay and Quebec Telephone Company	900	851	211	218
17.	Soulanges Telephone Company	51	28	8	2
18.	Victoriaville Telephone Company	198	274	-	5
<u>ONTARIO</u>					
19.	The Bell Telephone Company of Canada	65,885	131,671	5,651	177,790
20.	Aylmer and Malahide Telephone Co., Ltd.	156	259	-	76
21.	Bethesda and Stouffville Telephone Co., Ltd.	50	26	22	22
22.	Blanshard Municipal Telephone System	-	-	-	-
23.	Brooke Municipal Telephone System	12	19	-	12
24.	Bruce Municipal Telephone System	227	413	-	144
25.	Brussels, Morris & Grey Municipal Tel. System	38	159	-	-
26.	Dunnville Consolidated Telephone Co., Ltd. ..	138	59	-	-
27.	Fort William Telephone System	845	3,437	18	173
28.	Ingersoll Telephone Company, Ltd.	166	119	31	160
29.	Kenora Municipal Telephone System	270	53	-	6
30.	Moore Municipal Telephone System	-	117	-	53
31.	Noisy River Telephone Company, Ltd.	74	87	14	46
32.	Northern Telephone Company, Ltd.	2,261	3,406	-	2,555
33.	Port Arthur Municipal Telephone System	863	2,944	42	139
34.	Southern Ontario Telephone Co., Ltd.	312	546	76	194
35.	Tuckersmith Municipal Telephone System	-	-	-	-
36.	Welland County Telephone Company, Ltd.	216	140	51	360
37.	Woodbridge and Vaughan Telephone Co., Ltd. ..	222	312	-	-
<u>MANITOBA - SASKATCHEWAN - ALBERTA</u>					
38.	Manitoba Telephone System	9,680	27,754	33	8,066
39.	Saskatchewan Telephone System	11,691	20,405	341	66
40.	Alberta Telephone System	9,252	18,378	-	304
41.	City of Edmonton Automatic Telephone System..	3,983	12,083	-	-
<u>BRITISH COLUMBIA</u>					
42.	British Columbia Telephone Company	16,589	8,920	102	66,761
43.	Chilliwack Telephones, Limited	111	44	53	249
44.	Kootenay Telephone Company, Ltd.	414	523	-	61
45.	Mission Telephone Company, Ltd.	80	31	-	-
46.	North-West Telephone Company	298	136	38	427
47.	Okanagan Telephone Company	855	724	24	1,172
48.	Solar Telephones, Ltd.	92	217	3	45
49.	Summerland Telephone Company, Ltd.	56	7	1	140

STATISTICS OF LARGE TELEPHONE SYSTEMS

Statistiques des grands réseaux téléphoniques
Number of Telephones - Nombre d'appareils

Line No.	Sur lignes à plusieurs abonnés groupés				P.B.X. and Extension		Public Pay Stations	Total	
	Local 4-Party Service urbain - 4 abonnés		Rural Service rural		Centrales, secondaires, privées et extensions				
	Réseau Nombre	Business Commerciaux	Residence Domestiques	Business Commerciaux	Residence Domestiques	Business Commerciaux	Residence Domestiques		Stations publiques payantes
1.		28	141	159	966	485	99	69	4,561
2.		243	2,217	633	4,632	6,419	2,412	1,054	46,618
3.		122	3,780	602	4,844	4,950	1,582	802	54,551
4.		14	11	2,182	7,133	59,465	11,990	8,629	280,551
5.		-	-	-	844	1	-	38	1,178
6.		-	10	2	358	-	-	15	820
7.		25	145	30	170	-	-	21	959
8.		82	320	75	581	81	-	106	2,674
9.		-	60	-	729	38	6	13	1,180
10.		4	-	-	-	158	-	39	688
11.		90	273	140	235	166	53	92	1,655
12.		-	87	-	381	-	-	10	605
13.		-	21	-	114	666	-	60	2,624
14.		-	4	-	476	-	-	-	606
15.		-	-	955	417	245	34	251	4,089
16.		3	353	-	-	296	-	157	2,989
17.		-	-	99	279	-	-	17	484
18.		-	-	-	86	7	-	12	582
19.		30	55	2,417	28,764	93,550	27,509	11,044	544,546
20.		-	39	-	969	11	80	11	1,601
21.		12	84	28	825	22	15	15	1,121
22.		-	-	-	1,730	-	-	-	1,730
23.		-	-	-	953	-	-	-	996
24.		-	-	-	1,024	-	-	12	1,820
25.		-	32	-	832	14	-	3	1,078
26.		66	435	-	677	-	3	4	1,382
27.		-	-	-	133	696	292	31	5,625
28.		46	289	-	999	-	110	24	1,944
29.		-	1,193	-	-	238	56	4	1,820
30.		-	-	-	717	-	-	8	895
31.		3	44	88	717	-	-	7	1,060
32.		-	321	-	545	1,665	-	129	10,882
33.		-	-	-	-	277	-	13	4,278
34.		5	82	-	2,373	35	130	40	5,793
35.		-	-	26	855	-	-	-	861
36.		40	578	-	756	129	50	74	2,594
37.		90	188	158	1,956	-	11	39	2,976
38.		-	-	1,033	11,413	12,532	1,879	2,187	74,577
39.		-	-	-	-	5,705	681	387	39,276
40.		-	-	-	-	6,827	-	857	35,618
41.		-	-	-	-	3,643	-	148	19,857
42.		35	1,968	654	9,829	22,788	4,678	1,442	133,768
43.		-	82	34	424	113	14	6	1,130
44.		-	-	13	71	79	10	9	1,180
45.		-	-	16	187	14	3	4	355
46.		-	-	104	444	210	43	8	1,708
47.		80	1,649	-	-	496	54	54	5,086
48.		4	73	-	-	22	-	6	462
49.		-	138	-	-	7	-	1	350

Table 21.

NUMBER OF TELEPHONES CONNECTED TO MANUAL AND AUTOMATIC SWITCHBOARDS
IN LARGE CITIES IN CANADA, 1940

Tableau 21.

Nombre d'appareils téléphoniques reliés à des commutateurs manuels et
automatiques dans les grandes villes du Canada, 1940

City and Province Ville et Province	Telephones			City and Province Ville et Province	Telephones		
	Manual Manuel	Automatic Automati- que	Total		Manual Manuel	Automatic Automati- que	Total
<u>PRINCE EDWARD ISLAND</u>				<u>ONTARIO - Cont'd.</u>			
Charlottetown	2,456	-	2,456	Ottawa	14,988	26,425	41,413
<u>NOVA SCOTIA</u>				Owen Sound	2,884	-	2,884
Halifax	-	19,120	19,120	Peterborough	-	6,194	6,194
Sydney	4,205	-	4,205	Port Arthur	4,278	-	4,278
<u>NEW BRUNSWICK</u>				St. Catharines	7,141	-	7,141
Fredericton	3,301	-	3,301	St. Thomas	5,011	-	5,011
Moncton	-	5,684	5,684	Sarnia	5,218	-	5,218
Saint John	-	11,468	11,468	Sault Ste. Marie	5,153	-	5,153
<u>QUEBEC</u>				Stratford	3,685	-	3,685
Hull	-	3,266	3,266	Sudbury	6,148	-	6,148
Montreal	7,661	184,879	192,540	Toronto	-	223,920	223,920
Quebec	-	27,956	27,956	Windsor	-	17,585	17,585
St. Hyacinthe	2,125	-	2,125	<u>MANITOBA</u>			
Shawinigan Falls	2,182	-	2,182	Brandon	-	2,673	2,673
Sherbrooke	6,420	-	6,420	Winnipeg	-	52,275	52,275
Trois Rivières	6,165	-	6,165	<u>SASKATCHEWAN</u>			
<u>ONTARIO</u>				Moose Jaw	438	3,786	4,224
Belleville	3,849	-	3,849	Regina	-	13,251	13,251
Brantford	7,153	-	7,153	Saskatoon	-	9,007	9,007
Chatham	4,859	-	4,859	<u>ALBERTA</u>			
Fort William	5,625	-	5,625	Calgary	-	19,899	19,899
Galt	3,930	-	3,930	Edmonton	-	19,857	19,857
Guelph	5,653	-	5,653	Lethbridge	-	2,686	2,686
Hamilton	-	30,789	30,789	Medicine Hat	-	1,389	1,389
Kingston	7,805	-	7,805	<u>BRITISH COLUMBIA</u>			
Kitchener	-	10,112	10,112	New Westminster	5,740	-	5,740
London	19,942	-	19,942	North Vancouver	3,258	-	3,258
Niagara Falls	6,321	-	6,321	Vancouver	68,637	11,824	80,461
North Bay	3,654	-	3,654	Victoria	-	19,907	19,907
Oshawa	5,745	-	5,745				

Table 22. NUMBER OF TELEPHONES CONNECTED TO MANUAL AND AUTOMATIC SWITCHBOARDS
IN LARGE CITIES IN CANADA

Tableau 22. Nombre d'appareils téléphoniques reliés à des commutateurs manuels et
automatiques dans les grandes villes canadiennes

Year <u>Année</u>	Number of Cities <u>Nombre de cités</u>	Manual <u>Manuel</u>	Automatic <u>Automatique</u>	Total	Average per 100 Population <u>Moyenne par 100 Habitants</u>		
					<u>Manual</u>	<u>Automatic</u>	<u>Total</u>
					Manuel	Automatique	
1910	37	133,179	2,368	135,547			
1911	38	154,343	4,321	158,664	8.49	0.24	8.73
1912	38	184,116	7,295	191,411	9.76	0.39	10.15
1913	47	250,249	24,422	274,671	11.23	1.10	12.36
1914	47	257,872	27,353	285,225	11.22	1.19	12.41
1915	47	258,210	24,595	282,805	10.87	1.04	11.90
1916	47	277,654	27,735	305,389	11.32	1.13	12.45
1917	47	302,232	31,717	333,949	11.95	1.25	13.20
1918	47	320,679	39,943	360,622	12.30	1.53	13.84
1919	47	363,328	42,499	405,827	13.54	1.58	15.12
1920	47	387,698	64,943	452,641	14.05	2.35	16.40
1921	47	413,963	67,775	481,738	14.59	2.39	16.98
1922	48	450,123	69,141	519,264	15.31	2.35	17.66
1923	48	488,208	82,190	570,398	16.12	2.71	18.83
1924	49	530,197	91,839	622,036	16.87	2.92	19.79
1925	51	555,507	132,301	687,808	16.76	3.99	20.75
1926	51	550,778	182,439	733,217	16.18	5.36	21.54
1927	51	558,985	218,132	777,117	16.00	6.24	22.25
1928	51	553,436	278,006	831,442	15.45	7.73	23.21
1929	51	533,801	351,704	885,505	14.54	9.58	24.12
1930	51	484,313	423,661	907,974	12.88	11.26	24.14
1931	51	423,798	468,857	892,655	11.01	12.18	23.18
1932	51	358,910	466,666	825,576	9.11	11.85	20.96
1933	51	298,947	482,387	781,334	7.42	11.97	19.39
1934	51	284,757	501,181	785,938	6.91	12.17	19.08
1935	51	280,033	521,265	801,298	6.66	12.39	19.04
1936	51	282,191	546,887	829,078	6.57	12.73	19.29
1937	51	273,440	594,274	867,714	6.23	13.55	19.78
1938	51	273,980	617,727	891,707	6.12	13.80	19.92
1939	51	257,898	658,496	916,394	5.65	14.42	20.07
1940	51	241,630	723,952	965,582	5.19	15.55	20.74

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STATISTIQUES DU TELEPHONE

1940

Le nombre de téléphones au Canada passe de 1,397,272 en 1939 à 1,461,038 en 1940, augmentation de 4.6 p.c. La baisse de la période 1930-33 est plus que comblée et un nouveau sommet est atteint. Le sommet précédent avait été atteint en 1929 avec 1,402,861 téléphones. Le Canada compte une densité de téléphones de 12.83 par 100 habitants, ce qui n'est dépassé que par les Etats-Unis avec 15.85, la Suède avec 13.64 et la Nouvelle-Zélande avec 13.28.

Une estimation du nombre de conversations téléphoniques durant l'année atteint 2,899,103,000, y compris 34,888,000 appels interurbains. Les appels interurbains accusent une baisse sur 1928, 1929 et 1930, mais les appels locaux atteignent un nouveau sommet. Les appels interurbains sont comptés, mais les appels locaux sont estimés en se basant sur les comptes faits par les grands réseaux certains jours représentatifs de l'année.

Environ 68 p.c. de tous les appareils sont des téléphones domestiques et les 32 p.c. qui restent sont des téléphones commerciaux, y compris des téléphones publics payants. Près de 36 p.c. du total sont des téléphones domestiques et commerciaux sur lignes individuelles et 19 p.c. sur des branches privées d'échange ou des extensions, ce qui porte le pourcentage à 55 p.c. Les téléphones sur lignes à postes multiples constituent 25 p.c. du total et les appareils sur lignes desservant plus de quatre téléphones par ligne, classifiés comme "ruraux" dans ce rapport, représentent 17 p.c. du total. Les téléphones sur lignes à postes quadruples et les téléphones publics payants, qui sont sur lignes individuelles, constituent les 3 p.c. qui restent.

NOTA: Les statistiques du téléphone pour les pays étrangers sont extraites de "Telephone and Telegraph Statistics of the World - 1er janvier 1939" par l'American Telephone and Telegraph Company.

La densité des téléphones dans les diverses provinces est donnée ci-dessous:

	Téléphones par 100 âmes	
	Téléphones domestiques	Total des téléphones
Ile du Prince-Edouard	4.2	5.9
Nouvelle-Ecosse	6.5	9.3
Nouveau-Brunswick	5.3	7.9
Québec	6.1	10.0
Ontario	12.4	17.5
Manitoba	7.1	10.6
Saskatchewan	7.2	9.2
Alberta	6.0	9.3
Colombie Britannique	12.7	18.5
Yukon	2.2	4.4
Total	8.7	12.8

Le tableau 19 fait voir que les réseaux coopératifs ont 71,198 téléphones. Ce nombre devrait être plus élevé parce qu'un grand nombre de réseaux classifiés comme municipaux et sociétés par actions opèrent presque exclusivement sur une base coopérative. Dans l'Ontario les réseaux municipaux ont été créés par des associations composées de personnes désirant un service téléphonique; les municipalités en ont financé la construction pour se rembourser ensuite au moyen de taxes spéciales imposées aux propriétés desservies. Des 131 réseaux municipaux de l'Ontario, 11 seulement sont la propriété des municipalités. En Alberta des organismes semblables ont été incorporés comme sociétés par actions, mais ils ont été désignés comme réseaux coopératifs dans ce rapport.

La Bell Telephone Company dont le siège social est à Montréal et qui opère dans le Québec et l'Ontario déclare 824,697 téléphones ou 56 p.c. de tous les téléphones au Canada; ses filiales en déclarent un autre 4 p.c. Les réseaux provinciaux des trois Provinces des Prairies déclarent 149,471 appareils, soit 10 p.c. du total. Ces réseaux provinciaux assurent un service interurbain aux réseaux locaux, sauf à Edmonton où il existe un système municipal; ils desservent les grandes villes de ces provinces. Dans l'Est les systèmes provinciaux sont utilisés principalement dans les parcs provinciaux par les gardes forestiers, etc. Les systèmes fédéraux sont situés dans les régions éloignées où il n'existe aucun service commercial.

Le nombre d'appareils reliés à des tableaux automatiques, ou les téléphones à cadran comme on les appelle communément, a augmenté chaque année, même lorsque le total diminuait. En 1940 plus de 53 p.c. du total sont des téléphones à cadran. La majorité de ces appareils se trouvent dans les cinquante et une grandes villes énumérées au tableau 21. Pendant l'année 65,456 téléphones reliés à des tableaux manuels sont devenus des appareils à cadran en ces cités, comparativement à 11,416 dans les autres municipalités. A Hamilton, Ontario, ce qui restait de téléphones à tableaux manuels a été changé pour des appareils à cadran et à Kitchener, Ontario, le réseau entier a été relié à des tableaux automatiques au cours de l'année.

Le tableau suivant montre les conversations téléphoniques à longue distance entre le Canada et les pays étrangers. Pour éviter les doubles emplois, les appels sont déclarés par les réseaux qui en disposent au delà des frontières canadiennes, bien que

certaines d'entre eux puissent provenir d'autres réseaux. Les appels venant par la voie des canalisations radiotéléphoniques de l'American Telephone and Telegraph et des connexions de la Bell Telephone via les Etats-Unis ne sont pas calculés. En conséquence, les appels venant de l'extérieur sont incomplets.

Un service régulier a été établi entre le Canada et Terre-Neuve en 1938, mais il n'est entré en opération qu'en janvier 1939; à cause de la guerre il a cessé de fonctionner le 1er septembre en vertu d'un décret du gouvernement. Le circuit téléphonique canadien transatlantique a également été fermé le 31 août.

APPELS DE LONGUE DISTANCE ENTRE LE CANADA ET LES PAYS ETRANGERS

1940

Entre le Canada et -	Appels complets		
	Compagnie Canadienne Marconi		Bell Telephone Company of Canada
	D'origine canadienne	D'origine étrangère	D'origine canadienne
Etats-Unis et Alaska	-	-	475,824
Terre-Neuve	134	106	-
Royaume-Uni et Eire	-	-	39
Europe	-	-	40
Asie	-	-	-
Afrique	-	-	-
Sud-Africain	-	-	32
Amérique centrale	-	-	5
Australie	-	-	16
Autres pays	-	-	x 227
TOTAL	134	106	476,183
Passant par le Canada	De	A	
	Terre-Neuve	Terre-Neuve	
Royaume-Uni (via poste à ondes dirigées de l'Atlantique)	-	-	
Etats-Unis (via Bell et A.T.&T.)	19	36	
TOTAL	19	36	

x - Bahamas	14
Bermudes	12
Cuba	117
République Dominicaine	1
Jamaïque	1
Japon	4
Haiti	3
Hawaii	6
Mexique	61
Porto Rico	6
Service téléphonique des navires	2

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