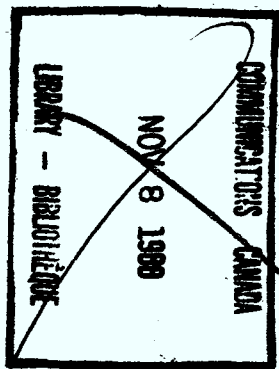


Telecommunications in Quick Facts

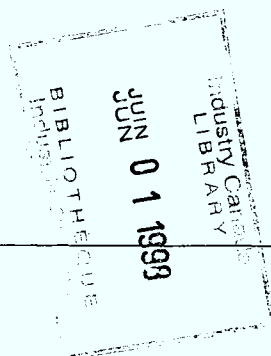
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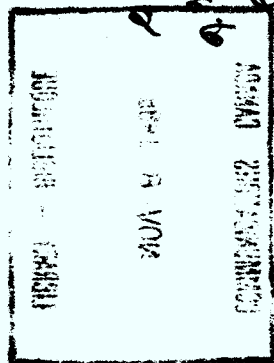


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PREFACE

Telecommunications in Canada Quick Facts - 1986 is a compilation of data taken from various pertinent Statistics Canada publications as well as the annual reports to shareholders of the major Canadian Telecommunications Carriers. Its contents is primarily intended as reference material for use within the department; however, it is also hoped that other organizations and individuals interested in telecommunications may find these statistics useful.

This publication is complemented by Canadian Telecommunications: an overview of the Canadian telecommunications carriage industry and by Financial Statistics on Canadian Telecommunication Common Carrier, documents issued by Communications Canada.

Requests for additional copies of this booklet or the above mentioned documents may be addressed to:

Communications Canada
Information Services
Journal Tower North
300 Slater Street
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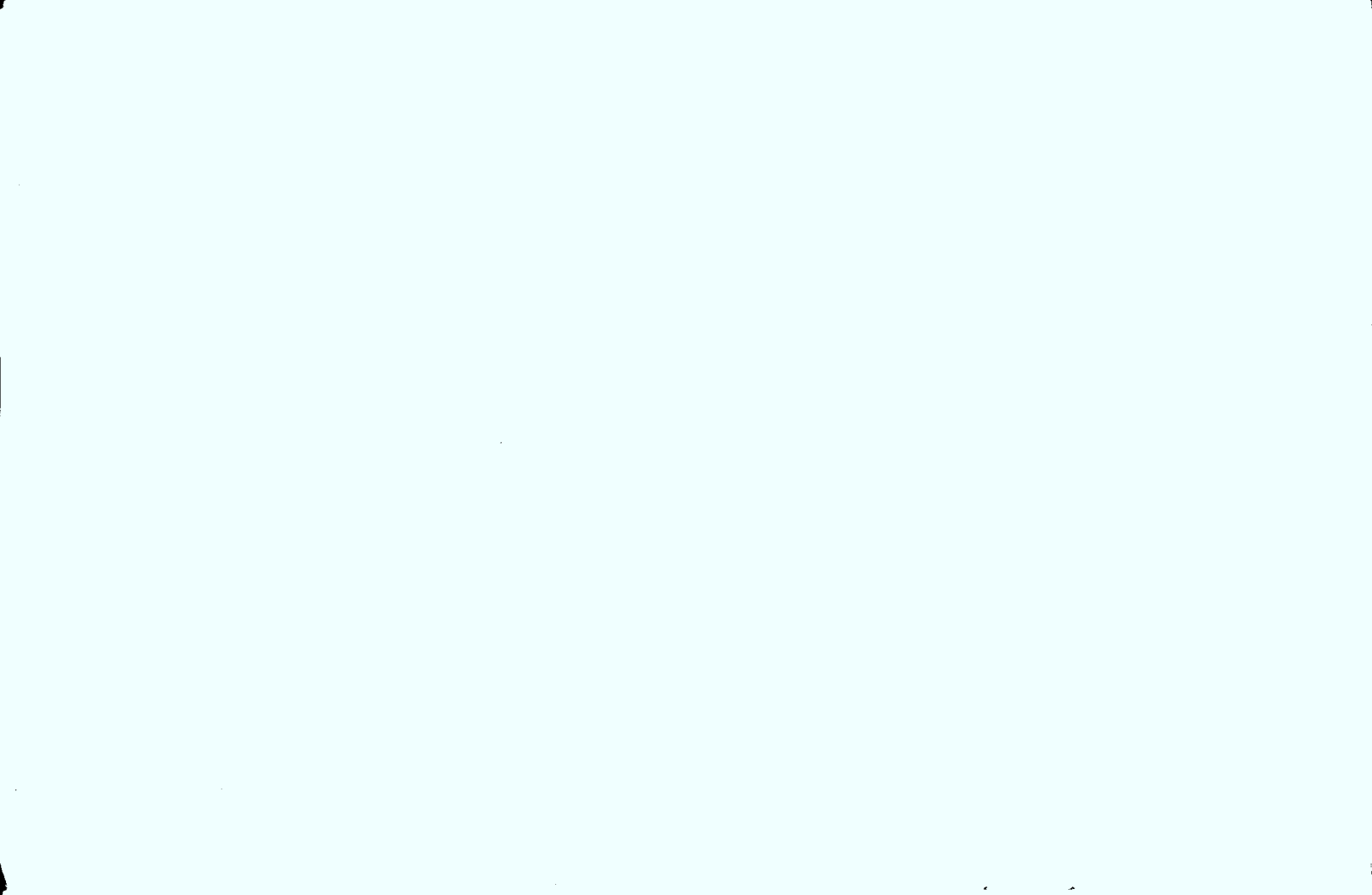
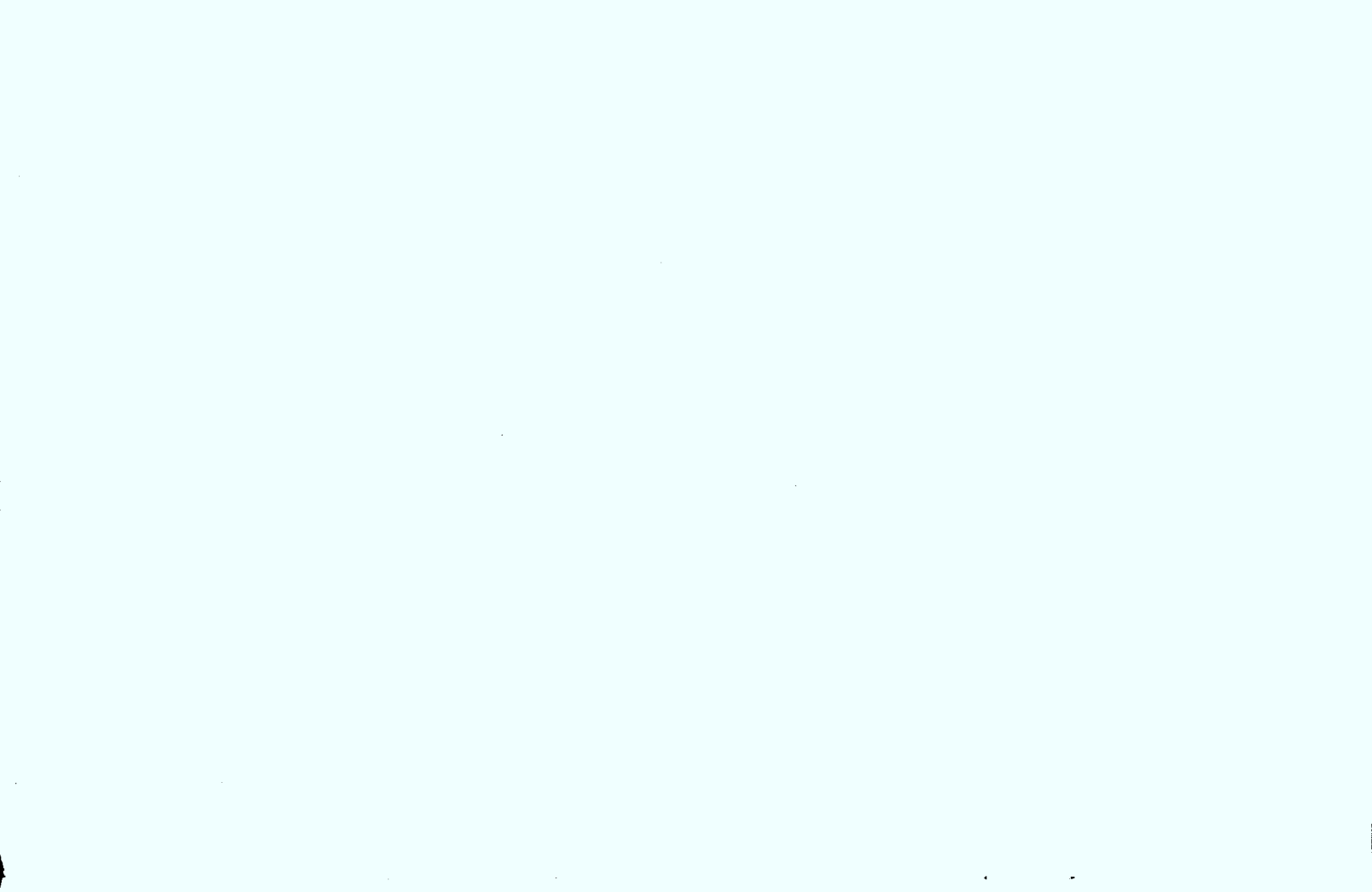


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Part I
General Information — 1986

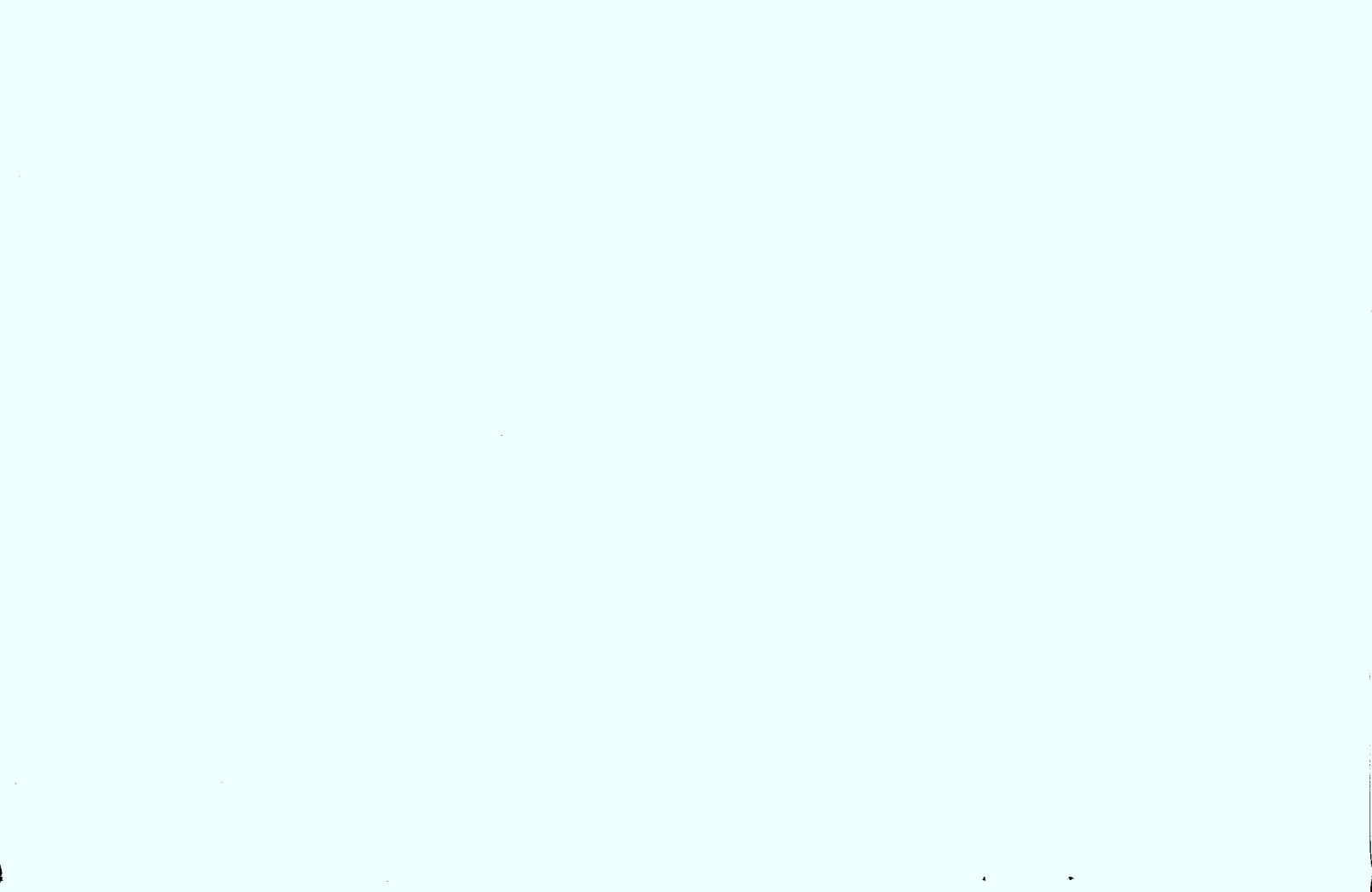
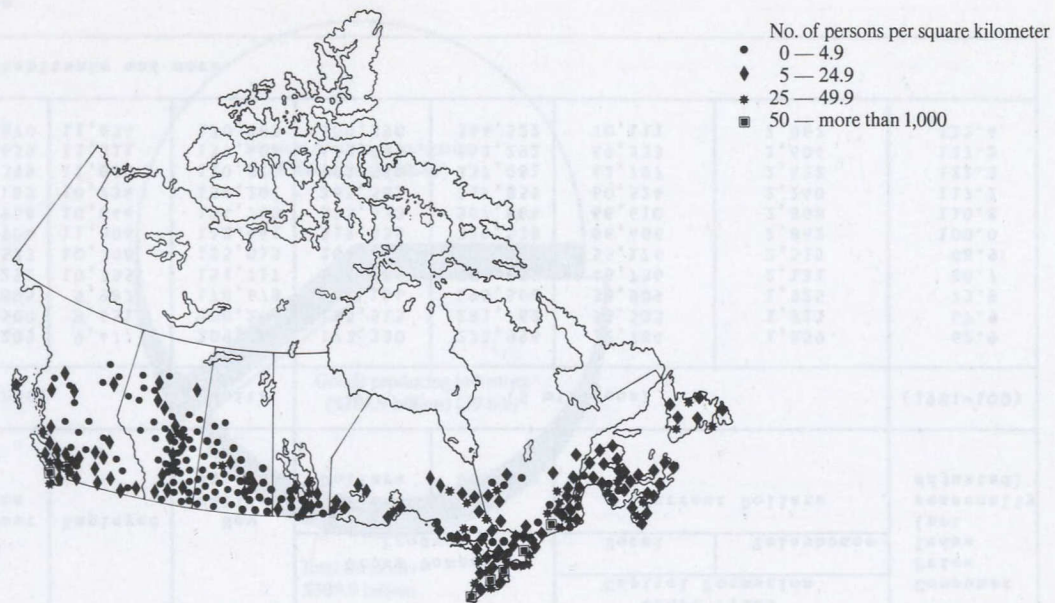


Chart 1.1

Population Density



Energy Mines and Resources data compiled by Communications Canada

TABLE 1.1

Selected Economic Indicators - Analytical Summary

Year	Population for Canada	Labour Force	Employed	New Dwellings Started *	Gross Domestic Product		Gross Fixed Capital Formation		Consumer Price Index (not seasonally adjusted)
					Current Dollars	1981 Dollars	Total	Telephones	
							Current Dollars		
	(thousands)				Units	(\$ millions)			
1976	22,993	10,203	9,477	209,762	177,330	272,996	32,784	1,859	62.9
1977	23,273	10,500	9,651	200,201	195,515	281,762	35,533	1,913	67.9
1978	23,517	10,895	9,987	178,678	217,166	290,560	38,909	1,925	73.9
1979	23,747	11,231	10,395	151,717	250,186	301,853	46,736	2,131	80.7
1980	24,043	11,573	10,708	125,013	282,621	307,389	55,176	2,515	88.9
1981	24,342	11,904	11,006	142,441	319,538	319,538	66,466	2,862	100.0
1982	24,631	11,958	10,644	104,792	335,533	307,864	66,610	2,868	110.8
1983	24,884	12,183	10,734	134,207	365,581	317,859	60,524	2,240	117.2
1984	25,123	12,399	11,000	110,874	402,580	337,081	62,797	2,422	122.3
1985	25,358	12,639	11,311	139,408	479,446	353,292	69,333	2,604	127.2
1986	25,591	12,870	11,634	170,863	509,898	364,522	70,111	2,967	132.4

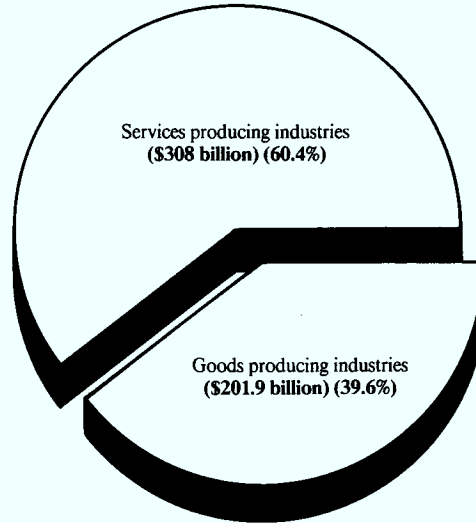
*Centres of 10,000 inhabitants and more.

Source: Statistics Canada

Chart 1.2

Gross Domestic Product
(in current dollars)

1986



Total economy
\$509.9 billion

Dollars rounded to nearest billion and are in current dollars

Communications Canada

TABLE 1.2

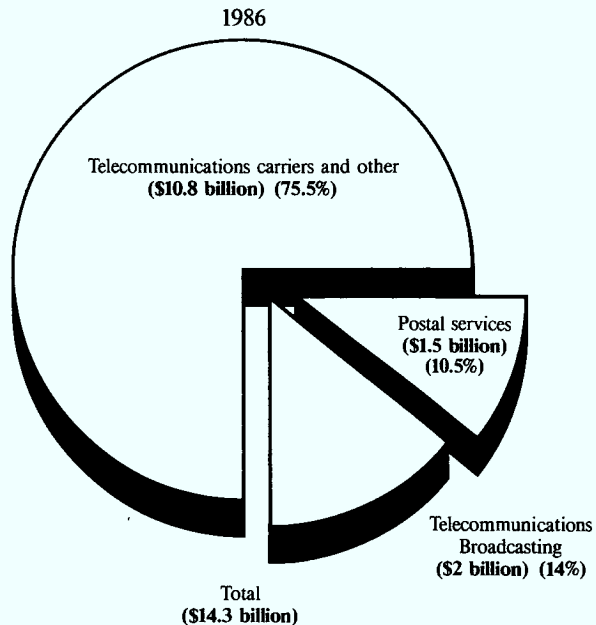
Gross Domestic Product, 1986*

Industry	1986 (\$ billions)		% of total
	Current dollars	Constant 1981 dollars	
<u>Services Producing Industries</u>	<u>308.0</u>	<u>220.2</u>	<u>60.4</u>
Transportation & Storage	25.0	17.7	4.9
Communications	14.3	10.3	2.8
Forestry Services	0.5	0.2	0.1
Wholesale Trade	26.5	18.8	5.2
Retail Trade	33.1	23.8	6.5
Finance, Insurance & Real Estate	72.4	51.9	14.2
Community, Business, Personal Services	103.5	74.1	20.3
Government Service	32.7	23.4	6.4
<u>Goods Producing Industries</u>	<u>201.9</u>	<u>144.3</u>	<u>39.6</u>
Agriculture & Related Services	17.3	12.2	3.4
Fishing & Trapping	1.0	0.7	0.2
Logging & Forestry	3.6	2.5	0.7
Mining, Quarry & Oil Wells	29.6	21.1	5.8
Manufacturing	99.4	71.2	19.5
Construction	35.2	25.3	6.9
Other Utilities	15.8	11.3	3.1
TOTAL ECONOMY	509.9	364.5	100.0
*Statistics Canada catalogue 15-001 provides Gross Domestic Product in constant 1981 dollars. Catalogue 13-001 has total economy Gross Domestic Product in current dollars.			

Source: Statistics Canada and estimations by Communications Canada.

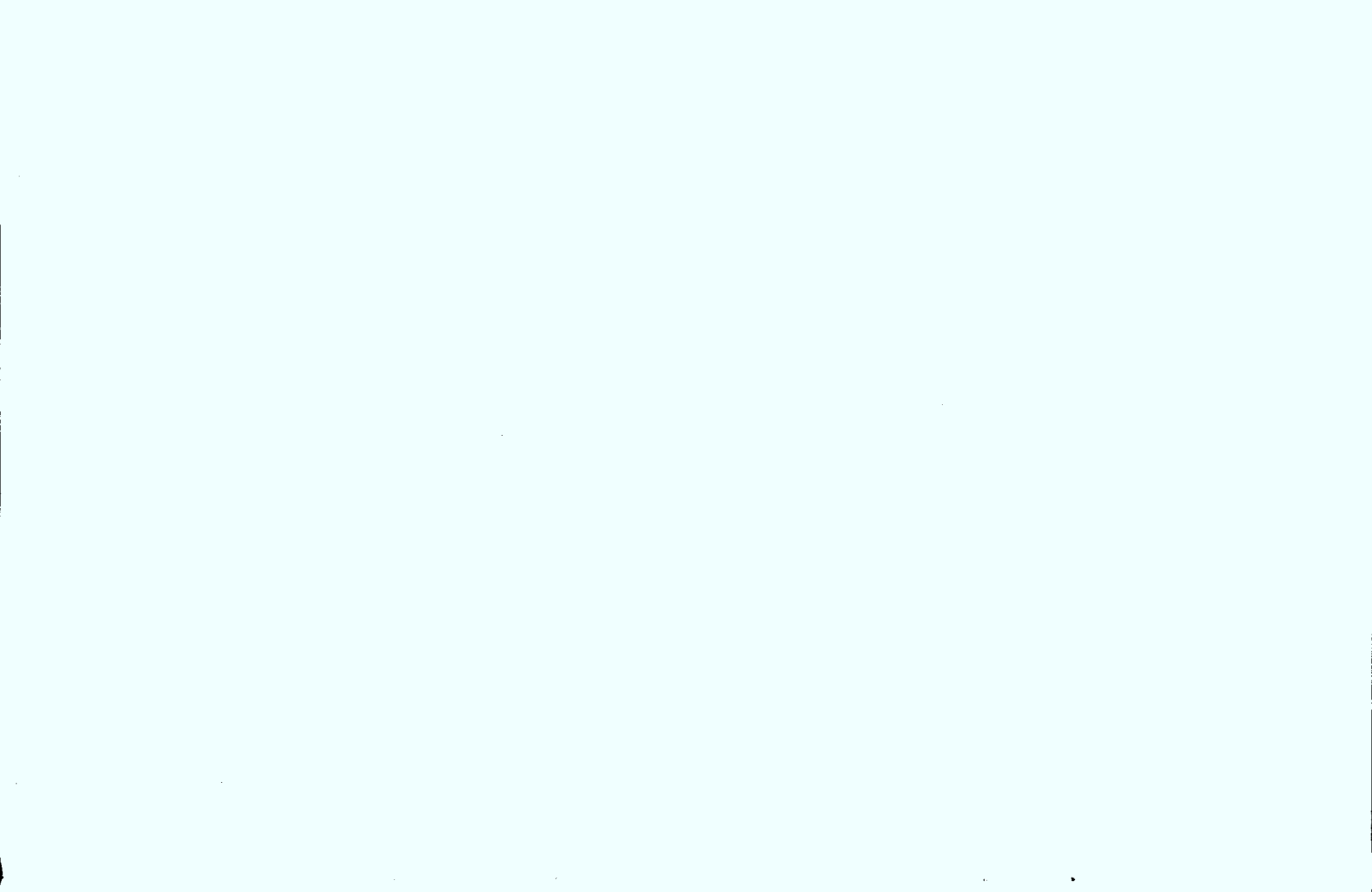
Chart 1.3

Communications
(Gross Domestic Product in current dollars)



Dollars rounded to nearest billion and are in current dollars

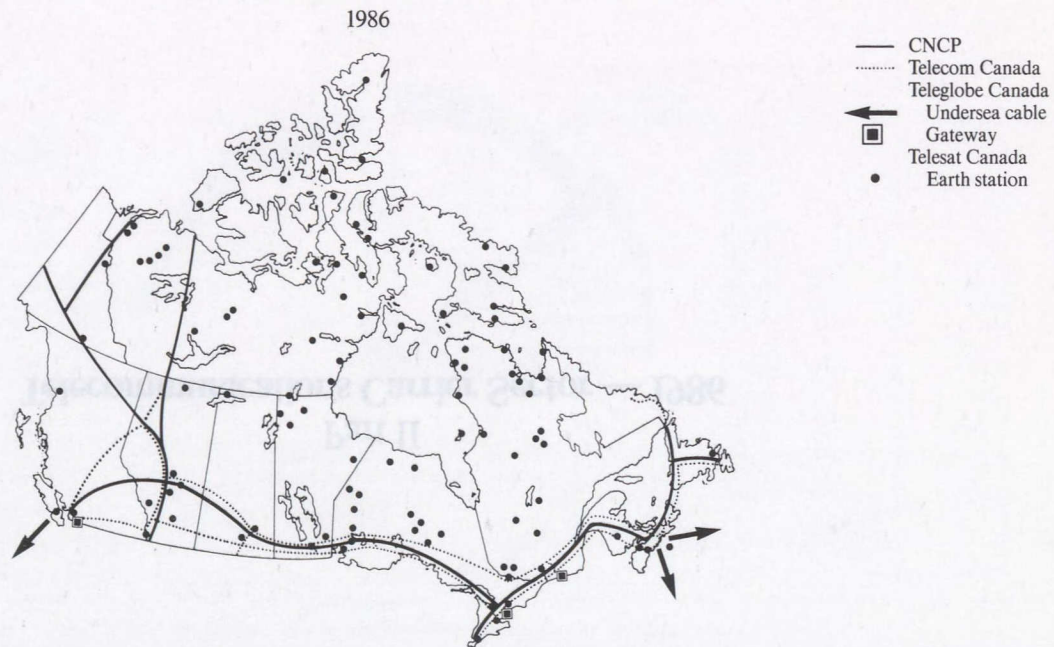
Communications Canada



Part II
Telecommunications Carrier Sector — 1986

Chart 2.1

Major Network Facilities



Communications Canada

TABLE 2.1

Major Telephone and Telecommunications Carriers
(by affiliation, ownership, type, regulation, and principal territory)

Company	Affiliation	Ownership	Type of corporation	Regulation	Principal territory
Bell Canada	Telecom Canada	Private	BCE-owned	Federal	Ontario, Québec and eastern portion of Northwest Territories
British Columbia Telephone	Telecom Canada	Private	Investor-owned	Federal	British Columbia
CNCP Telecommunications		Priv/pub	Crown corp/inv	Federal	Canada
Teleglobe Canada		Private	Memotec Data Inc. owned	Federal	International/overseas
Telesat Canada	Telecom Canada	Priv/pub	Investor-owned*	Federal	Canada
Northwestel		Public	CNR-owned	Federal	Western portion of Northwest Territories, Yukon and Northern British Columbia
Terra Nova Telecommunications		Public	CNR-owned	Federal	Newfoundland
Alberta Government Telephones	Telecom Canada	Public	Crown corporation	Provincial	Alberta
Saskatchewan Telecommunications	Telecom Canada	Public	Crown corporation	Provincial	Saskatchewan
Manitoba Telephone System	Telecom Canada	Public	Crown corporation	Provincial	Manitoba
Maritime Telegraph and Telephone	Telecom Canada	Private	Investor-owned	Provincial	Nova Scotia
New Brunswick Telephone	Telecom Canada	Private	Bruncor Inc., owned	Provincial	New Brunswick
Québec-Téléphone		Private	Investor-owned	Provincial	Québec
Newfoundland Telephone	Telecom Canada	Private	NEL-owned	Provincial	Newfoundland
Télébec		Private	Investor-owned	Provincial	Québec
Island Telephone	Telecom Canada	Private	Investor-owned	Provincial	Prince Edward Island
Northern Telephone		Private	Investor-owned	Provincial	Ontario
edmonton telephones		Public	Municipally-owned	Municipal	Edmonton

BCE - Bell Canada Enterprises.

NEL - NewTel Enterprises Limited.

Priv/pub - private/public.

Crown corp/inv - Crown corporation/investor-owned.

* An incorporated company owned by the Government of Canada and the major telephone companies.

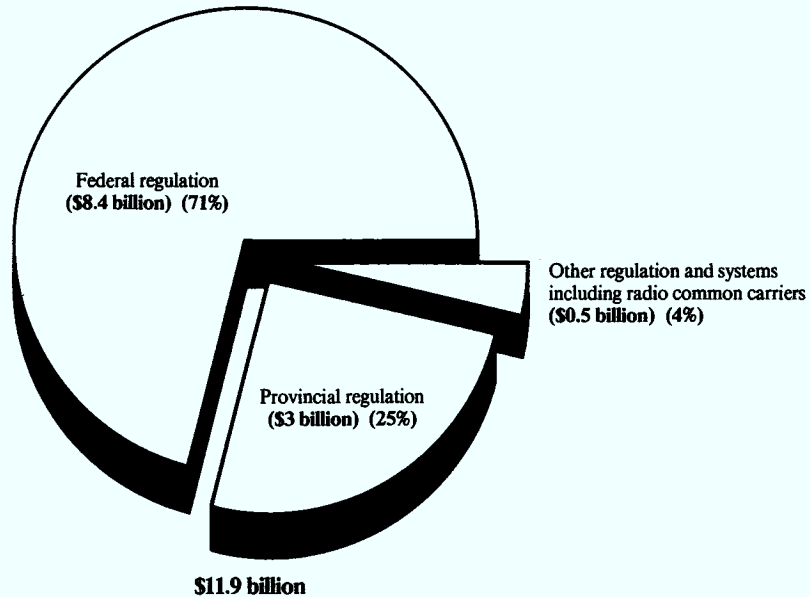
Chart 2.2

Total Operating Revenues
Telecommunications Carrier Sector

1986

Ownership

Private 77.2%
Public 18.8%
Private/Public 4.0%



Dollars rounded to nearest billion and are in 1986 current dollars
% based on 1986 total operating revenues

Company annual reports data compiled by Communications Canada

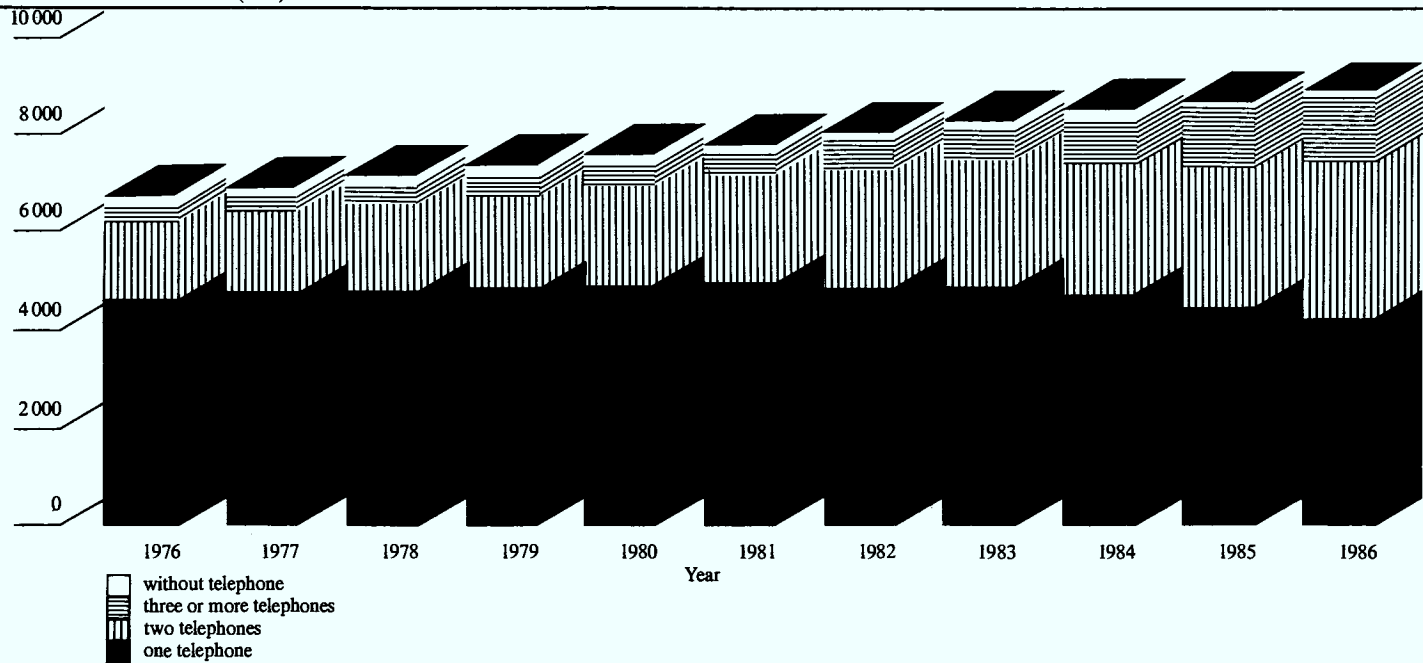
TABLE 2.2		
Major Telephone and Telecommunications Carriers and Total Sector Operating Revenues, 1986		
Company	1986 (\$ millions)	% of total
Federal regulation:		
Bell Canada	6,254.6	52.8
British Columbia Telephone	1,308.0	11.0
CNCP Telecommunications	343.8	2.9
Teleglobe Canada	273.8	2.3
Telesat Canada*	125.3	1.1
Northwestel	64.9	0.5
Terra Nova Telecommunications	44.4	0.4
Subtotal(1)	8,414.8	71.0
Provincial regulation:		
Alberta Government Telephones	1,067.1	9.0
Saskatchewan Telecommunications	449.6	3.8
Manitoba Telephone System**	349.4	3.0
Maritime Telegraph and Telephone	336.4	2.8
New Brunswick Telephone	256.6	2.2
Québec-Téléphone	182.7	1.5
Newfoundland Telephone	146.2	1.2
Télébec	114.3	1.0
Island Telephone	35.9	0.3
Northern Telephone	29.5	0.3
Subtotal(2)	2,967.7	25.1
Other regulation (including Radio Common Carrier Systems) Subtotal(3)	463.3	3.9
Grand total (1+2+3) telecommunications carriers sector	11,845.8	100.0
* As incorporated company owned by the Government of Canada and the major telephone companies, investor-owned. ** Manitoba Telephone System fiscal year ending March 31, 1986.		

Source: Company annual reports and data compiled by Communications Canada.

Graph 2.1

Households with and without Telephones Canada 1976 to 1986

Number of households ('000)



Statistics Canada data compiled by Communications Canada

TABLE 2.3

Canadian Households with and without Telephones

Year	Total households*	%	Households with				Households without
			Total	One	Two	Three or more	
	(in thousands)		(in thousands)				
1976	6,918	96.5	6,677	4,750	1,631	296	241
1977	7,157	96.4	6,902	4,753	1,809	339	255
1978	7,357	96.5	7,099	4,847	1,872	381	259
1979	7,572	97.2	7,362	4,911	2,017	434	211
1980	7,787	97.6	7,603	4,986	2,181	436	184
1981	8,026	97.6	7,834	4,831	2,414	588	192
1982	8,254	97.9	8,084	4,878	2,572	633	171
1983	8,460	97.7	8,267	4,697	2,657	913	193
1984	8,857	98.5	8,727	4,555	2,911	1,261	130
1985	9,079	98.2	8,915	4,360	3,080	1,475	164
1986	9,331	98.1	9,156	4,091	3,280	1,785	175

Note: Figures may not add to totals shown, due to rounding.

Source: Statistics Canada

Part III
Telephone Industry Statistics — 1986

TABLE 3.1

Survey Coverage

The following statistics cover establishments primarily engaged in providing telephone services including the construction of telephone lines and the maintenance of equipment and lines. These establishments are classified to Standard Industrial Classification 544 - Telephone Systems. To measure telephone activity more completely in Canada, the survey was extended to include other industrial establishments that have been licensed to provide telephone services. The survey covers all domestic licensed telephone activity including that of NorthwTel Inc. and Terra Nova Telecommunications Inc.

In Canada, fourteen out of approximately 75 telephone systems account for 98% of the telephone activity. These are:

Newfoundland Telephone Company Limited*
 The Island Telephone Company Limited*
 Maritime Telegraph and Telephone Limited*
 New Brunswick Telephone Company Limited*
 Bell Canada*
 Québec-Téléphone
 Télébec Limitée
 Northern Telephone Limited
 Thunder Bay Telecommunications
 Manitoba Telephone System*
 Saskatchewan Telecommunications*
 Edmonton Telephones
 Alberta Government Telephones*
 British Columbia Telephone Company.*

The following have been designated as government telephone systems:

Federal

NorthwTel Inc.
 Terra Nova Telecommunications Inc.

Provincial

Alberta Government Telephones
 Saskatchewan Telecommunications
 Manitoba Telephone System
 Ontario Northland Communications
 Hydro-Québec
 Sydney Steel Corporation

Municipal

There were 16 municipal telephone systems in the survey, 14 in Ontario, 1 in Alberta and 1 in British Columbia.

* Member of Telecom Canada

TABLE 3.2

Operating Revenue and Expenses of the Telephone Industry, by Province, 1986

Operating revenue and expenses	Newfound- land	Prince Edward Island	Nova Scotia	New Brunswick	Québec*	Ontario	Manitoba	Saskat- chewan	Alberta	British Colum- bia**	Total (\$ millions)
Operating revenue:											
Local service	62.8	15.6	123.9	91.9	2,372.5	36.9	136.0	121.4	500.0	479.7	3,940.7
Toll service	110.6	18.9	189.3	145.3	3,380.3	58.1	210.6	292.4	706.8	773.5	5,885.8
Miscellaneous	17.4	1.6	21.1	20.3	547.8	16.7	28.6	37.9	84.6	74.4	850.4
Less uncollectible	0.3	0.2	1.7	1.2	41.3	0.5	2.2	2.0	10.4	15.7	75.5
Total operating revenue	190.5	35.9	332.6	256.3	6,259.3	111.2	373.0	449.7	1,281.0	1,311.9	10,601.4
Total operating expenses	124.4	23.4	217.7	172.0	4,066.7	66.5	299.0	347.1	906.6	869.8	7,093.2

* Includes data of Bell Canada, which operates in Québec, Ontario and the Northwest Territories.

** Includes data of NorthwesTel Inc. and Terra Nova Telecommunications Inc.

Source: Statistics Canada

TABLE 3.3

Telephone Calls and Telephone Systems - Canada

Year	Telephone Calls			Telephone systems (number)
	Local	Toll (billions)	Total	
1976	21.3	0.9	22.2	806
1977	22.2	1.0	23.2	333
1978	23.0	1.1	24.1	260
1979	23.9	1.2	25.1	223
1980	25.5	1.3	26.8	183
1981	27.2	1.5	28.6	153
1982	27.6	1.5	29.0	120
1983	28.9	1.5	30.5	119
1984	31.2	1.6	32.8	112
1985	32.9	1.8	34.7	106
1986	34.7	2.0	36.7	75

Source: Statistics Canada

TABLE 3.4

Comparative Summary of Telephone Statistics - Canada, 1976 to 1986

Year	Employees* (thousands)	Salaries and wages*	Cost of plant (\$ billions)	Accumulated depreciation on plant (\$ billions)	Long-term debt	Owner's equity		Revenue (\$ billions)	Expenses (\$ billions)
						Capital stock** (\$ billions)	Other*** (\$ billions)		
1976	****	1.3	12.9	3.4	5.0	2.7	1.4	3.5	3.1
1977	96	1.4	14.5	3.9	5.5	2.9	1.5	4.0	3.6
1978	101	1.6	16.0	4.3	6.3	3.2	1.8	4.6	4.1
1979	105	1.9	17.8	5.0	6.6	3.6	2.0	5.3	4.8
1980	108	2.2	19.7	5.7	7.3	3.9	2.3	6.2	5.6
1981	112	2.6	22.3	6.6	8.0	4.1	2.6	7.4	6.7
1982	110	2.9	24.5	7.3	8.7	4.6	2.7	8.3	7.7
1983	105	3.0	25.9	8.2	8.7	4.7	2.9	9.0	8.1
1984	102	3.2	27.3	9.1	8.6	4.9	3.1	9.7	8.7
1985	100	3.2	28.5	9.8	8.8	5.0	3.4	10.0	8.9
1986	99	3.4	30.0	10.5	9.0	5.3	3.7	10.6	9.5

* For full-time and part-time employees.

** Includes premium on capital stock.

*** Includes surplus, contingency reserves, government investment and paid-up debentures of municipal systems.

**** Figure not available.

Source: Statistics Canada

TABLE 3.5

Analysis of Wage Payments, by Province, 1986

Province	Charged to operating expense account					Charged to construction account (\$ millions)	Total wage payments* 1986 (\$ millions)
	Maintenance	Traffic	Marketing and commercial (\$ millions)	Other	Total		
Newfoundland	11.9	9.0	-	23.7	44.6	8.2	52.9
Prince Edward Island	4.7	2.2	1.3	0.2	8.4	1.6	9.8
Nova Scotia	38.1	15.1	10.9	30.5	94.6	19.8	114.5
New Brunswick	18.6	5.8	11.8	28.2	64.4	12.6	76.9
Québec and Ontario**	621.7	135.7	70.6	891.6	1,719.6	168.8	1,888.4
Manitoba	35.7	12.0	7.6	64.5	119.8	27.3	147.1
Saskatchewan	50.8	14.2	17.9	61.0	143.9	17.4	161.4
Alberta	112.0	31.6	92.5	131.2	367.3	82.3	449.6
British Columbia***	175.6	49.7	66.2	93.9	385.4	101.3	486.8
Total	1,069.1	275.3	278.8	1,324.8	2,948.0	439.3	3,387.4

* Represents all monies paid to the employees before any deductions, for both full-time and part-time employees.

** Includes data of Bell Canada, which operates in Québec, Ontario and the Northwest Territories.

*** Includes data of NorthwestTel Inc. for the Yukon and Northwest Territories.

Source: Statistics Canada

TABLE 3.6

Income Statement of the Telephone Industry, by Province, 1986

Item	Newfound- land	Prince Edward Island	Nova Scotia	New Brunswick	Québec*	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia**	Total (\$ mil- lions)
					(\$ millions)						
Total operating revenue	190.5	35.9	332.6	256.3	6,259.3	111.2	373.0	449.7	1,281.0	1,311.9	10,601.4
Less total operating expenses	124.4	23.4	217.7	172.0	4,066.7	66.5	299.0	347.1	906.6	869.8	7,093.2
Net operating revenue	66.1	12.5	114.9	84.3	2,192.6	44.7	74.0	102.6	374.4	442.1	3,508.2
Other income:											
Interest earned	0.6	0.6	2.6	0.2	29.0	1.1	14.5	0.9	79.1	5.2	133.7
Dividends earned	1.3	-	1.0	2.0	43.9	0.6	-	-	-	-	48.7
Other	2.6	-	(0.6)	3.8	45.2	1.2	3.0	4.8	1.2	184.7	245.9
Subtotal	4.5	0.6	3.0	6.0	118.1	2.9	17.5	5.7	80.3	189.9	428.3
Other expenses:											
Interest charges	22.3	3.8	33.9	22.7	453.0	5.3	70.3	64.8	324.6	129.6	1,130.3
Taxes other than income taxes	1.0	0.8	8.9	9.4	411.3	5.6	8.5	6.9	36.6	54.9	543.8
Other	-	-	0.5	-	38.9	0.7	23.2	-	28.0	173.7	265.0
Subtotal	23.3	4.6	43.3	32.1	903.2	11.6	102.0	71.7	389.2	358.2	1,939.1
Net profit (loss) before income taxes	47.3	8.4	74.6	58.2	1,407.5	35.8	(10.6)	36.6	65.6	273.9	1,997.4
Income taxes:											
Deferred	3.7	0.8	8.5	(0.9)	77.1	0.4	-	-	-	9.0	98.6
Current	20.3	3.0	30.5	29.5	597.5	4.3	-	-	-	133.2	818.2
Subtotal	24.0	3.8	39.0	28.6	674.6	4.7	-	-	-	142.2	916.8
Net profit (loss) for year ended December 31, 1986	23.3	4.6	35.6	29.6	732.9	31.1	(10.6)	36.6	65.6	131.8	1,080.5

* Includes data of Bell Canada, which operates in Québec, Ontario and the Northwest Territories.

** Includes data of NorthwTel Inc. for the Yukon and Northwest Territories.

Note: Figures may not add to totals shown, due to rounding.

Source: Statistics Canada

TABLE 3.7

Assets, Liabilities and Net Worth Data of the Telephone Industry, by Province, 1986

Item	Newfound- land	Prince Edward Island	Nova Scotia	New Brunswick	Quebec * *** (\$ millions)	Ontario *** (\$ millions)	Saskat- chewan	Alberta	British Columbia**	Total (\$ millions)
Current assets	36.2	6.1	62.2	50.9	1,256.0	43.1	90.6	74.4	279.1	2,194.4
Total telephone plant (at cost)	622.3	120.8	1,014.9	721.1	16,753.6	333.1	1,328.6	1,301.9	3,737.6	29,986.1
Less accumulated depreciation	224.2	39.5	341.3	282.5	5,610.4	127.1	622.9	506.8	1,460.0	10,491.7
Subtotal net telephone plant	398.1	81.3	673.6	438.6	11,143.2	206.0	705.7	795.1	2,277.6	19,494.4
Investments	0.3	0.1	13.8	40.6	492.4	5.1	124.3	0.9	101.6	817.0
Deferred charges	7.7	0.7	12.9	5.5	357.2	0.4	26.6	55.0	47.3	532.6
Other assets	13.8	-	-	-	11.9	27.2	-	50.0	57.2	160.2
Total assets	456.1	88.2	762.5	535.6	13,260.7	281.8	947.2	975.4	2,762.8	23,198.6
Current liabilities	15.6	10.8	74.4	38.8	1,346.4	22.4	86.7	89.8	449.0	2,476.0
Long-term debt	197.8	28.6	290.4	213.3	4,343.8	38.0	743.6	-	2,068.3	9,047.1
Deferred credits	34.6	11.7	112.5	76.4	1,888.2	10.3	0.5	0.4	30.2	2,628.3
Stated value of issued capital stock:										
Common	128.5	7.0	93.9	88.2	2,164.3	118.9	-	0.8	-	3,286.8
Preferred	26.6	6.3	25.2	12.3	-	8.8	-	-	-	951.4
Premium on capital stock	-	9.6	38.7	19.8	1,033.5	-	-	-	-	1,101.6
Owners' equity (provincial and other governments)	7.4	-	-	-	-	33.4	-	675.0	3.7	719.5
Retained earnings	45.4	14.2	127.4	87.0	1,831.9	49.8	116.4	209.7	211.5	2,987.9
Subtotal net worth	207.9	37.1	285.2	207.3	5,682.4	210.9	116.4	885.5	215.1	9,047.2
Total liabilities and net worth at December 31, 1986	456.0	88.2	762.6	535.6	13,260.8	281.7	947.1	975.6	2,762.8	23,198.5
* Includes data of Bell Canada, which operates in Québec, Ontario and the Northwest Territories.										
** Includes data of Northwestel Inc. for the Yukon and Northwest Territories.										
*** Bell Canada 1986 annual report shows total assets \$12,693.2 or 93.7% of total Québec and Ontario.										

Note: Figures may not add to totals shown, due to rounding.

Source: Statistics Canada

TABLE 3.8

Number of Network Access Lines, by Type of Service, 1986

Province	Individual lines		Two-party lines		Four-party lines		More than four-party lines		Subtotal Access Lines		Sub-total	% of total access lines	Other access lines *	Total access lines	Total per 100 pop. **
	Res.	Bus.	Res.	Bus.	Res.	Bus.	Res.	Bus.	Res.	Bus.					
Newfoundland	154,180	27,113	4,766	387	14	101	-	8	158,960	27,609	186,569	91.8	16,684	203,253	35.1
Prince Edward Island	31,093	4,476	55	2	12,000	239	-	-	43,148	4,717	47,865	87.5	6,813	54,678	42.7
Nova Scotia	271,791	32,609	754	163	36,518	1,122	47	-	309,110	33,894	343,004	85.6	57,749	400,753	45.2
New Brunswick	201,352	84,738	2,966	105	32,121	851	574	22	237,013	85,716	322,729	96.5	11,771	334,500	46.4
Québec	2,384,324	447,421	84,893	1,244	85,526	2,277	-	-	2,554,743	450,942	3,005,685	91.2	290,399	3,296,084	49.5
Ontario	3,273,678	728,800	133,571	1,325	130,988	3,110	378	54	3,538,615	733,289	4,271,904	90.6	443,232	4,715,136	50.8
Manitoba	362,145	54,624	851	-	-	-	44,311	2,500	407,307	57,124	464,431	88.2	62,383	526,814	48.7
Saskatchewan	307,668	107,302	-	-	404	3	63,377	3,216	371,449	110,521	481,970	92.1	41,129	523,099	51.2
Alberta	824,710	201,587	-	562	97,354	5,883	-	172	922,064	208,204	1,130,268	89.0	139,739	1,270,007	53.2
British Columbia	1,014,944	233,568	64,658	-	58,187	1,855	1,094	78	1,138,883	235,501	1,374,384	86.5	214,218	1,588,602	54.3
Yukon	6,283	3,559	160	25	143	52	-	-	6,586	3,636	10,222	77.8	2,915	13,137	55.7
Northwest Territories	11,203	6,442	9	4	33	2	-	-	11,245	6,448	17,693	80.5	4,285	21,978	43.9
Canada	8,843,371	1,932,239	292,683	3,817	453,288	15,495	109,781	6,050	9,699,123	1,957,601	11,656,724	90.0	1,291,317	12,948,041	50.3

Res. - Residence

Bus. - Business

* Refers to services such as wide area telephone service (WATS), coin, mobile, centrex, private branch exchange (PBX).

** Total per 100 population.

Source: Statistics Canada

TABLE 3.9

Number of Telephone Systems and Access Lines, by Type of Organization, by Province, 1986

Province	Government				Incorporated companies	Cooperatives		Total	
	Federal	Provincial	Municipal	Subtotal					
	Systems Access lines	Systems Access lines	Systems Access lines	Systems Access lines	Systems Access lines	Systems Access lines	Systems Access lines	Systems Access lines	Systems Access lines
Newfoundland	- 51,484	- -	- -	- 51,484	1 151,769	- -	1 203,253		
Prince Edward Island	- -	- -	- -	- -	1 54,678	- -	1 54,678		
Nova Scotia	- -	1 314	- -	1 314	1 400,392	1 47	3 400,753		
New Brunswick	- -	- -	- -	- -	1 334,500	- -	1 334,500		
Quebec	- -	1 17,200	- -	1 17,200	16 3,274,599	2 4,285	19 3,296,084		
Ontario	1 -	1 1,933	14 105,182	16 107,115	17 4,608,021	- -	33 4,715,136		
Manitoba	- -	1 526,814	- -	1 526,814	- -	- -	1 526,814		
Saskatchewan	- -	1 522,674	- -	1 522,674	- -	11 425	12 523,099		
Alberta	- -	1 938,230	1 331,777	2 1,270,007	- -	- -	2 1,270,007		
British Columbia	- 3,907	- -	1 6,876	1 10,783	1 1,577,819	- -	2 1,588,602		
Yukon	- 13,137	- -	- -	- 13,137	- -	- -	- 13,137		
Northwest Territories	- 16,895	- -	- -	- 16,895	- 5,083	- -	- 21,978		
Canada	1 85,423	6 2,007,165	16 443,835	23 2,536,423	38 10,406,861	14 4,757	75 12,948,041		

Note: If a system operates in more than one province, the location of the head office determines the province in which the system is counted, but the access lines are included under the province in which they are located.

Source: Statistics Canada

TABLE 3.10

Telephone Calls, by Province, 1986

Province	Telephone calls			Calls per capita
	Local*	Toll	Total	
Newfoundland	2,009,017,856	27,015,113	2,036,032,969	3,513
Prince Edward Island	248,728,026	8,239,475	256,967,501	2,004
Nova Scotia	1,774,211,381	63,905,744	1,838,117,125	2,017
New Brunswick	842,746,560	67,181,383	909,927,943	1,262
Québec	7,417,952,552	385,058,081	7,803,010,633	1,172
Ontario	10,657,388,638	705,035,686	11,362,424,324	1,225
Manitoba	2,047,935,528	81,395,345	2,129,330,873	1,967
Saskatchewan	867,821,241	110,699,000	978,520,241	958
Alberta	4,545,413,338	248,249,077	4,793,662,415	2,009
British Columbia**	4,261,652,116	262,372,174	4,524,024,290	1,508
Total	34,672,867,236	1,959,151,078	36,632,018,314	1,423

* The large telephone systems are able to estimate their own local calls. Statistics Canada estimates the number of local calls for the smaller companies, based on the assumption that telephones operated by the smaller companies are used to the same extent as those operated by the larger telephone systems in each province.

** Includes data for the Yukon and Northwest Territories.

Source: Statistics Canada

TABLE 3.11

Construction Expenditures of the Telephone Industry, by Province, 1976 to 1986

Province	Year (\$ millions)										
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Newfoundland	27.1	29.0	27.3	31.0	33.9	43.9	45.3	34.4	32.6	43.5	47.8
Prince Edward Island	6.8	8.9	7.5	8.8	9.2	8.5	6.2	7.5	7.9	12.9	15.4
Nova Scotia	62.6	51.4	49.5	52.7	61.8	84.1	70.1	64.6	93.0	114.0	129.0
New Brunswick	55.8	48.0	39.7	40.5	40.4	53.4	54.8	52.7	59.0	59.1	67.6
Québec and Ontario	939.5	1,021.6	1,057.2	1,195.7	1,385.6	1,501.6	1,496.7	1,222.0	1,368.2	1,460.7	1,686.6
Manitoba	52.0	94.1	74.5	67.2	80.3	96.6	97.5	73.3	96.7	150.7	116.1
Saskatchewan	91.4	104.7	97.5	95.6	145.8	141.8	118.5	115.5	95.9	109.8	147.0
Alberta	286.9	289.2	306.9	359.7	430.1	550.2	539.3	272.0	262.9	227.1	270.9
British Columbia*	277.7	258.2	241.4	281.3	322.2	373.1	431.6	387.8	387.3	376.9	379.7
Total	1,799.8	1,905.1	1,901.5	2,132.5	2,509.3	2,853.2	2,860.0	2,229.8	2,403.5	2,554.7	2,860.1
* Includes data for the Yukon and Northwest Territories.											

Source: Statistics Canada

TABLE 3.12

Telephone Plant (at cost) of the Telephone Industry, by Province, 1986

Item	Newfound- land	Prince Edward Island	Nova Scotia	New Brunswick	Québec*	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia**	Total (\$ millions)
					(\$ millions)						
Land	3.4	0.3	4.7	3.8	87.6	1.2	5.9	8.6	51.5	27.4	194.4
Buildings	76.5	7.5	62.0	47.4	1,401.4	18.1	86.3	137.7	452.6	347.2	2,636.7
Structures other than buildings (outside plant)	152.9	35.0	288.5	204.5	5,471.3	168.5	326.4	402.1	989.3	1,032.9	9,071.4
Central office equipment	283.3	48.3	382.5	288.0	6,457.8	73.2	521.2	444.5	1,429.2	1,570.8	11,499.0
Station equipment	79.4	23.8	166.7	122.4	1,946.3	47.1	292.6	149.8	513.1	589.9	3,931.1
General equipment	18.0	3.2	60.9	16.0	975.4	6.9	60.8	104.3	145.6	238.5	1,629.6
Other machinery and equipment	(2.0)	-	-	9.7	40.7	-	-	-	47.8	-	96.2
Subtotal telephone plant in service	611.5	118.3	965.3	691.8	16,380.5	315.0	1,293.2	1,247.0	3,629.1	3,806.7	29,058.4
Plant under construction	10.9	1.9	41.6	15.2	373.0	8.7	35.3	38.2	93.9	109.9	728.6
Other telephone plant	-	0.6	8.0	14.0	0.1	9.4	-	16.7	14.7	135.6	199.1
Total telephone plant at December 31, 1986	622.4	120.8	1,014.9	721.0	16,753.6	333.1	1,328.5	1,301.9	3,737.7	4,052.2	29,986.1
* Includes data of Bell Canada, which operates in Québec, Ontario and Northwest Territories. ** Includes data of Northwestel Inc. for the Yukon and Northwest Territories.											

Source: Statistics Canada

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