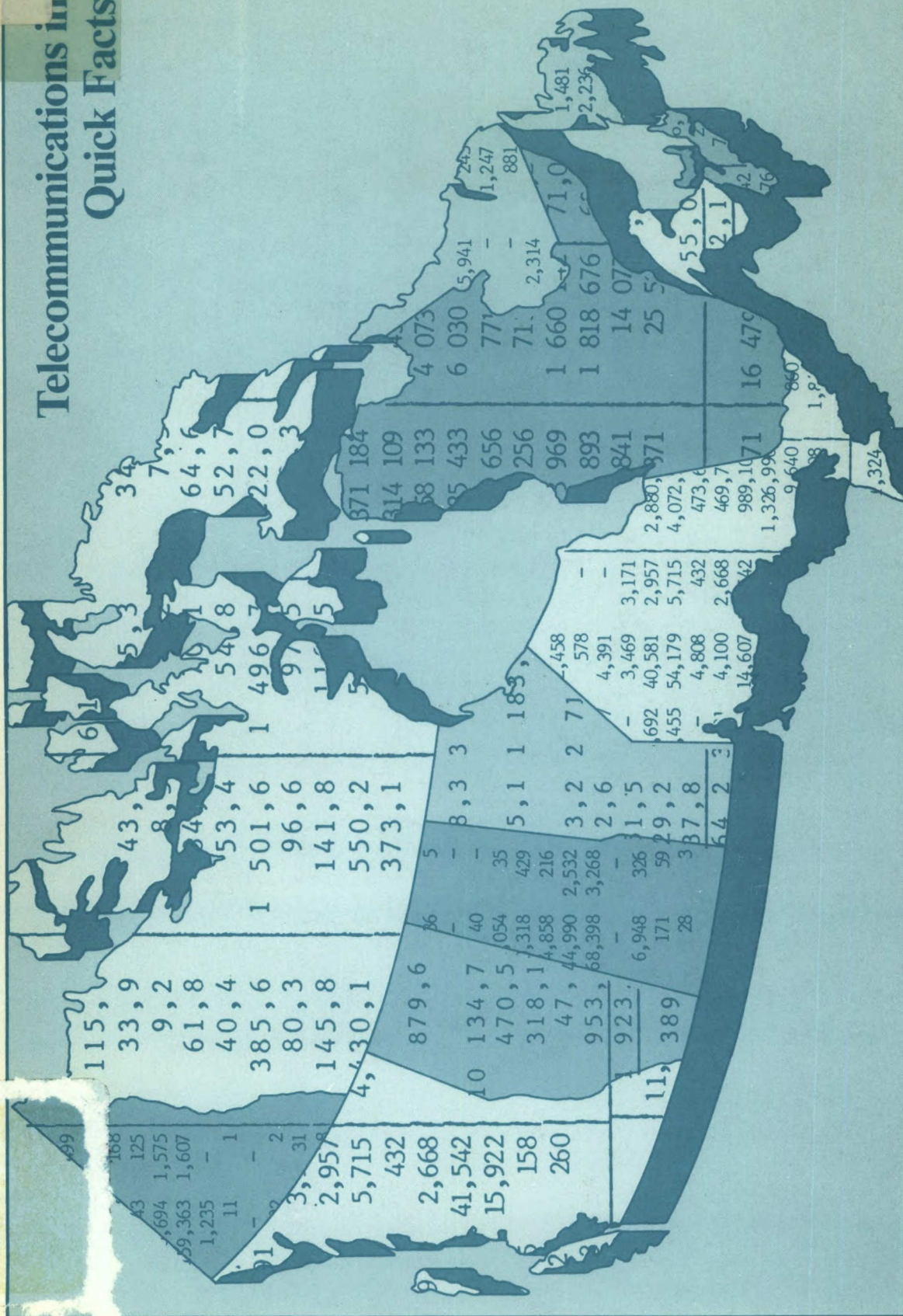


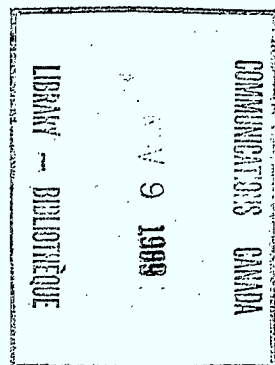
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Telecommunications in Canada Quick Facts — 1987



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① **Telecommunications in Canada**
Quick Facts - 1987



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NOTICE OF CHANGE

Communications Canada is pleased to release the fourth annual report of economic and financial indicators relating to the major Canadian telecommunications carriers.

The Department is currently undertaking a comprehensive review of its policy of publishing telecommunications statistics including their usefulness, coverage, presentation and the possibility of releasing future data on a cost recovery basis.

The public is invited to submit comments on these matters and related issues to the following address:

Director Financial and Regulatory Affairs
Telecommunications Policy Branch
Communications Canada
300 Slater Street, Room 1828
Ottawa, Ontario
K1A 0C8

PREFACE

Telecommunications in Canada Quick Facts - 1987 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, 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
Ottawa, Ontario
K1A 0C8

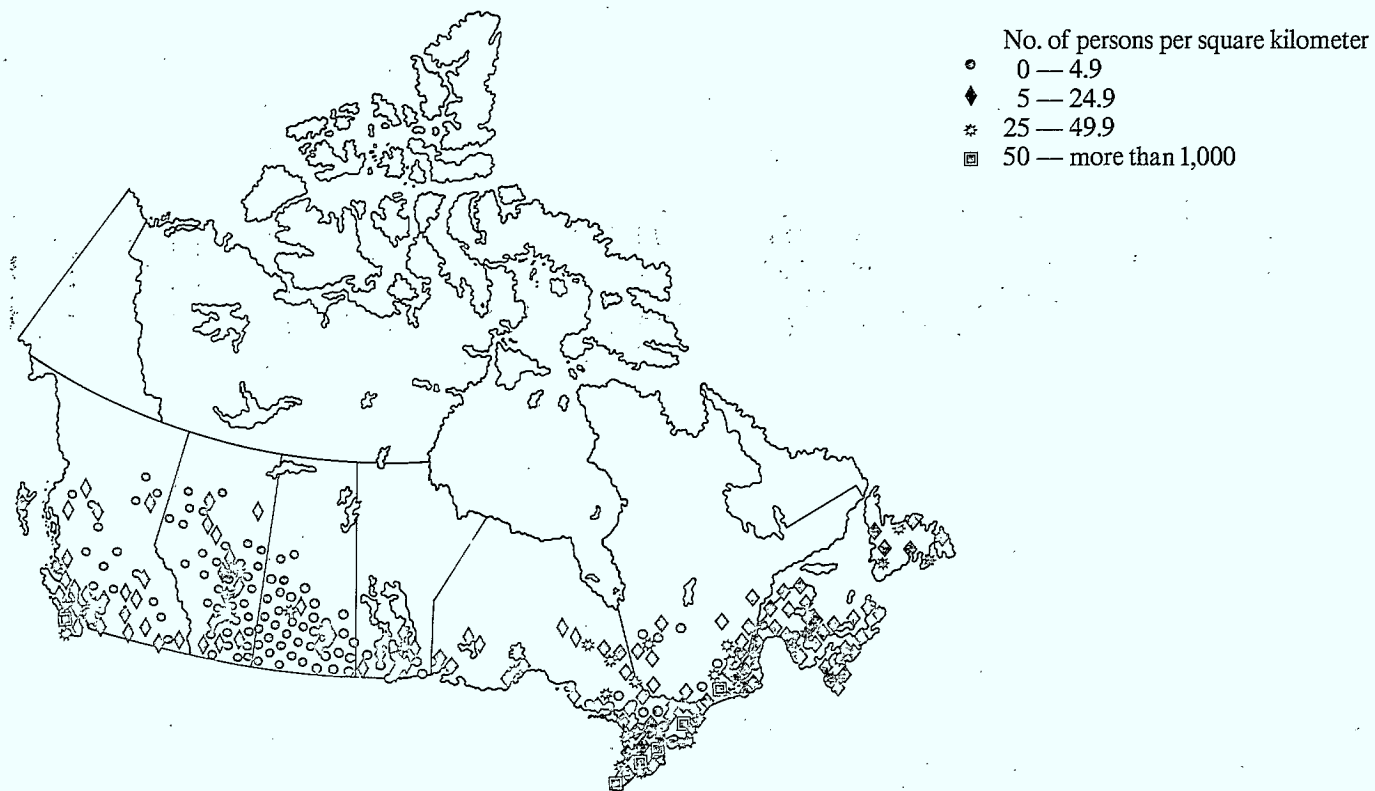
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Part 1
General Information - 1987

Chart 1.1

Population Density



Energy Mines and Resources data compiled by Communications Canada

TABLE 1.1

Page 10

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)				(1981=100)
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	24,583	11,958	10,644	104,792	335,533	307,864	66,610	2,868	110.8
1983	24,787	12,183	10,734	134,207	365,581	317,859	60,524	2,240	117.2
1984	25,978	12,399	11,000	110,874	444,735	337,081	62,797	2,422	122.3
1985	25,165	12,639	11,311	139,408	478,765	353,292	69,333	2,604	127.2
1986	25,353	12,870	11,634	170,863	506,483	364,522	70,112	2,967	132.4
1987	25,625	13,121	11,955	215,340	549,692	379,023	73,198	3,340	138.2

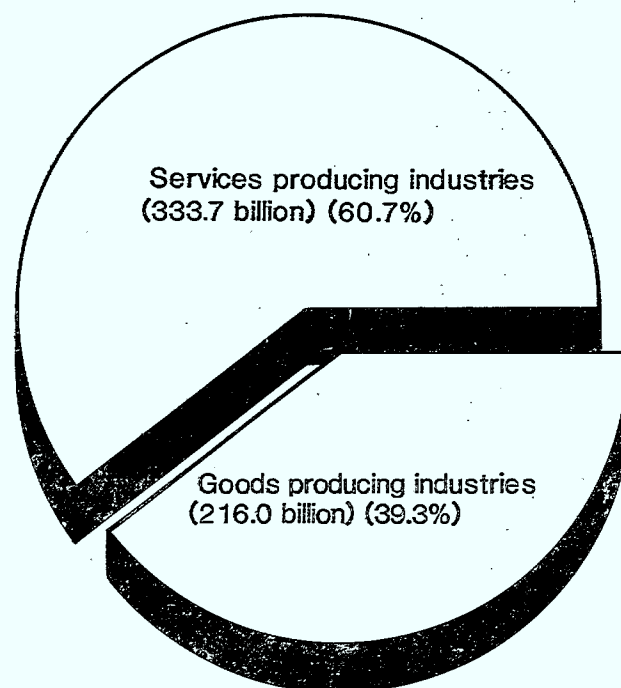
*Centres of 10,000 inhabitants and more.

Source: Statistics Canada

Chart 1.2

Gross Domestic Product
(in current dollars)

1987



Total economy
549.7 billion

Dollars rounded to nearest billion and are in current dollars

Communications Canada

TABLE 1.2

Gross Domestic Product, 1987*

Industry	1987 (\$ billions)		% of total
	Current dollars	Constant 1981 dollars	
<u>Services Producing Industries</u>	<u>333.7</u>	<u>230.3</u>	<u>60.7</u>
Transportation & Storage	27.0	18.7	4.9
Communications	15.9	11.1	2.9
Forestry Services	0.6	0.2	0.1
Wholesale Trade	30.2	21.1	5.5
Retail Trade	35.7	24.5	6.5
Finance, Insurance & Real Estate	80.8	55.6	14.7
Community, Business, Personal Services	109.4	75.5	19.9
Government Service	34.1	23.6	6.2
<u>Goods Producing Industries</u>	<u>216.0</u>	<u>148.9</u>	<u>39.3</u>
Agriculture & Related Services	16.5	11.5	3.0
Fishing & Trapping	1.1	0.7	0.2
Logging & Forestry	3.8	2.8	0.7
Mining, Quarry & Oil Wells	31.9	21.9	5.8
Manufacturing	107.2	73.8	19.5
Construction	38.5	26.5	7.0
Other Utilities	17.0	11.7	3.1
TOTAL ECONOMY	549.7	379.2	100.0

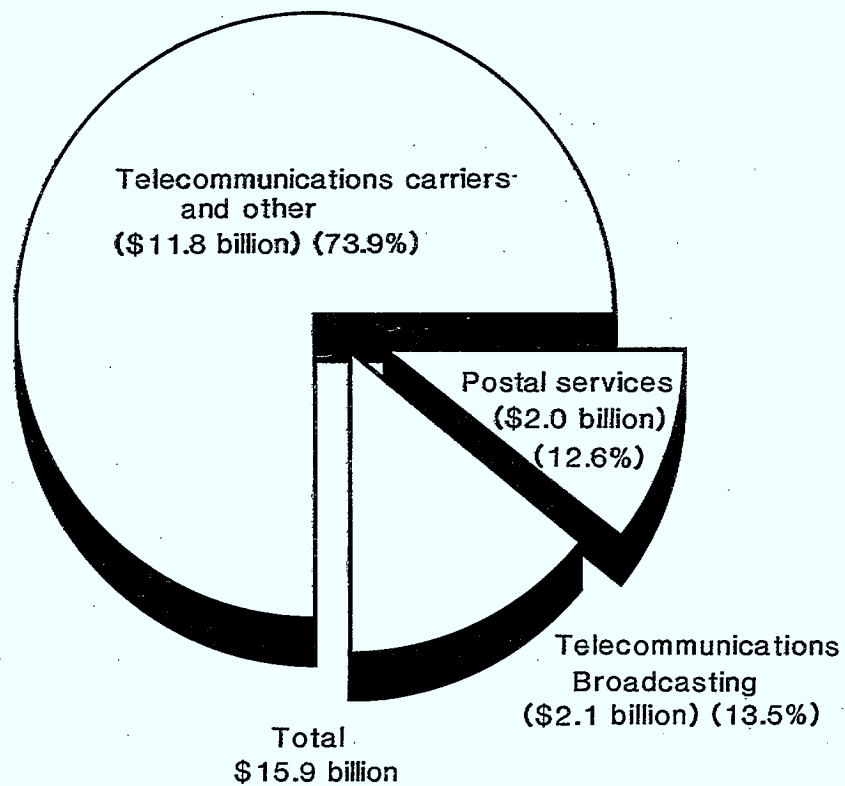
*Statistics Canada catalogue 15-001 provides Gross Domestic Product in constant 1981 dollars.
Catalogue 13-001 has total economy Gross Domestic Product in current dollars.

Source: Statistics Canada and estimations by Communications Canada.

Chart 1.3

Communications
(Gross Domestic Product in current dollars)

1987



Dollars rounded to nearest billion and are in current dollars

Communications Canada

Part II
Telecommunications Carrier Sector - 1987

Chart 2.1

Major Network Facilities



Communications Canada

TABLE 2.1

Major Telephone and Telecommunications Carriers
(by affiliation, ownership, type, regulation, and principal territory)
As of December 1987

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
NorthwestTel**		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.

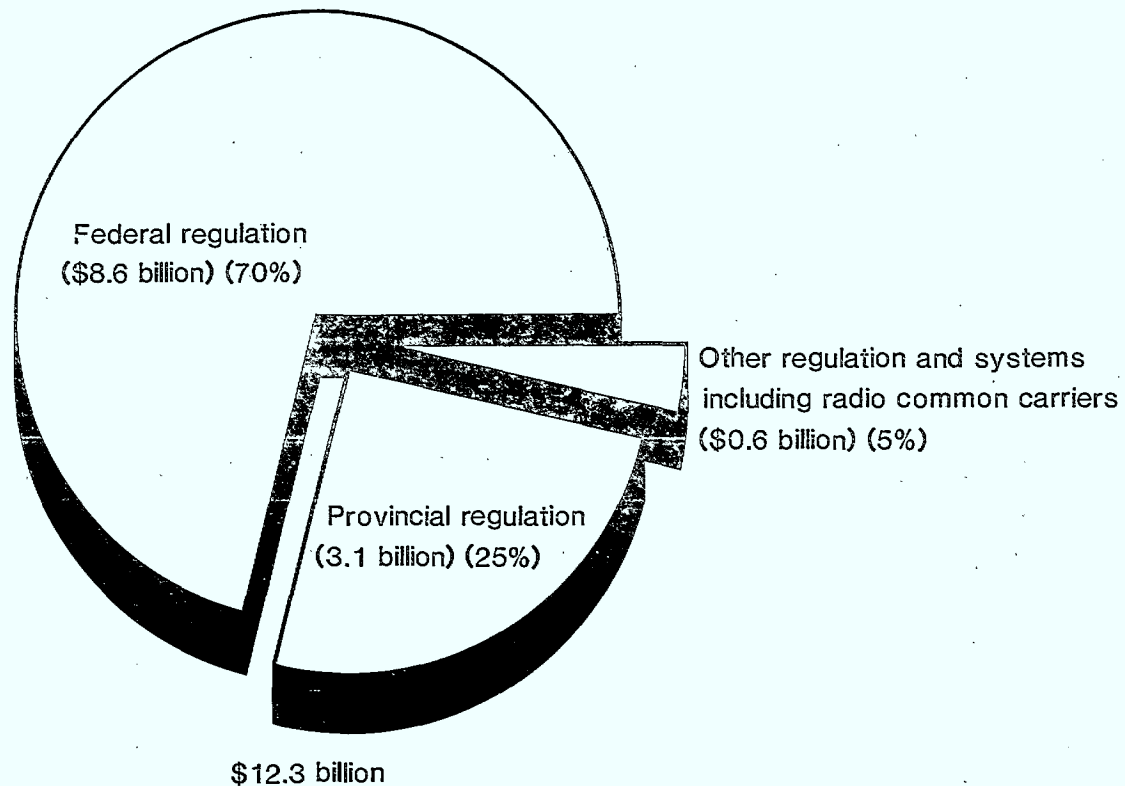
**Sold by CNR in 1988 now in private sector.

Chart 2.2

Total Operating Revenues
Telecommunications Carrier Sector

1987

Ownership	
Private	77%
Public	19%
Private/Public	4%



Dollars rounded to nearest billion and are in 1987 current dollars
% based on 1987 total operating revenues

Company annual reports data compiled by Communications Canada

TABLE 2.2

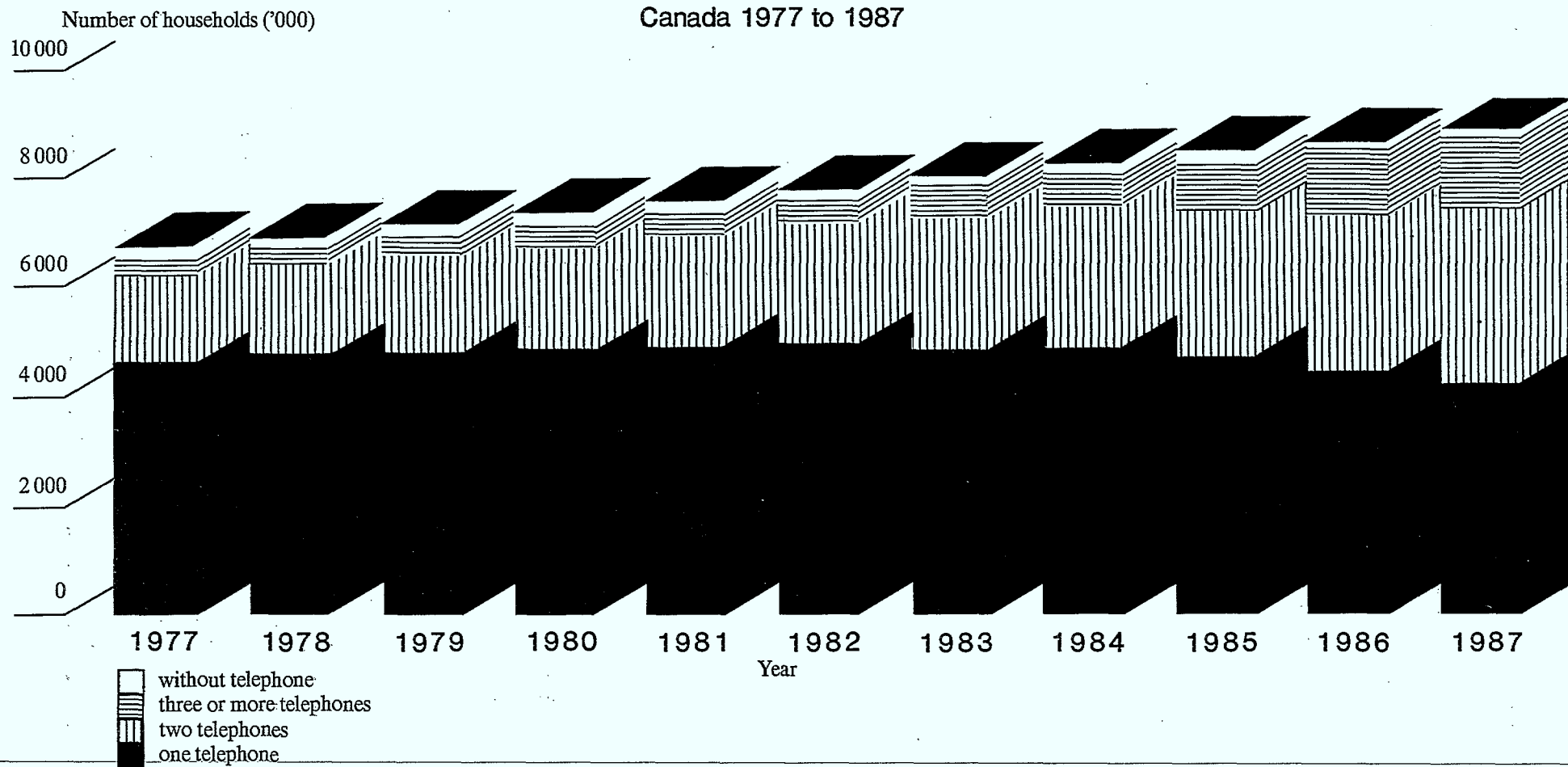
**Major Telephone and Telecommunications Carriers
and Total Sector Operating Revenues, 1987**

Company	1987 (\$ millions)	% of total
Federal regulation:		
Bell Canada	6,377.5	51.8
British Columbia Telephone	1,438.6	11.7
CNCP Telecommunications***	316.5	2.6
Teleglobe Canada*	243.9	2.0
Telesat Canada**	118.1	1.0
Northwestel***	68.5	0.6
Terra Nova Telecommunications***	46.5	0.4
Subtotal(1)	8,609.6	70.0
Provincial regulation:		
Alberta Government Telephones	1,071.7	8.7
Saskatchewan Telecommunications	469.5	3.8
Manitoba Telephone System****	379.3	3.1
Maritime Telegraph and Telephone	359.7	2.9
New Brunswick Telephone	278.3	2.3
Québec-Téléphone	186.5	1.5
Newfoundland Telephone	160.7	1.3
Télébec	122.9	1.0
Island Telephone	40.5	0.3
Northern Telephone	31.2	0.3
Subtotal(2)	3,100.3	25.2
Other regulation (including Radio Common Carrier Systems) Subtotal(3)	598.3	4.8
Grand total (1+2+3) telecommunications carriers sector	12,308.2	100.0
* Teleglobe Canada's financial statistics are for the period April 1, 1987 to December 31, 1987. ** Telesat Canada's operating revenue excludes \$20 million received from Telecom Canada. *** Sold by CNR in 1988 now in private sector. **** Manitoba Telephone System fiscal year ending March 31, 1987.		

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

Graph 2.1

Households with and without Telephones Canada 1977 to 1987



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)				
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
1987	9,556	98.5	9,409	3,973	3,348	2,088	147

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

Source: Statistics Canada

Part III
Telephone Industry Statistics - 1987

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 4821 - 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 81 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 15 municipal telephone systems in the survey, 13 in Ontario, 1 in Alberta and 1 in British Columbia.

* Member of Telecom Canada

TABLE 3.2

Page 26

Operating Revenue and Expenses of the Telephone Industry, by Province, 1987

Operating revenue and expenses	Newfound- land	Prince Edward Island	Nova Scotia	New Brunswick	Québec*	Ontario	Manitoba	Saskat- chewan	Alberta	British Colum- bia**	Total (\$ millions)
					(\$ millions)						
Operating revenue:											
Local service	67.1	16.6	124.7	97.6	2,479.7	37.7	151.7	125.2	478.1	494.7	4,073.3
Toll service	123.4	22.3	210.9	160.3	3,422.2	54.1	222.3	311.9	748.8	842.9	6,119.1
Miscellaneous	16.9	1.7	24.6	21.1	627.3	18.5	31.3	35.2	92.0	119.8	988.3
Less uncollectible	0.3	0.2	1.7	1.2	51.2	0.4	3.1	2.7	13.0	14.4	88.1
Total operating revenue	207.2	40.5	358.6	277.9	6,478.1	110.0	402.2	469.6	1,305.9	1,443.0	11,092.8
Total operating expenses	134.3	26.8	246.8	194.4	4,778.3	76.6	351.2	356.0	982.6	1,051.1	8,198.1

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

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

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

Source: Statistics Canada

TABLE 3.3

Telephone Calls and Telephone Systems - Canada

Year	Telephone Calls			Telephone systems (number)
	Local	Toll (billions)	Total	
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
1987	34.8	2.2	37.0	81

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

Source: Statistics Canada

TABLE 3.4

Page 28

Comparative Summary of Telephone Statistics - Canada, 1977 to 1987

Year	Employees*	Salaries and wages*	Cost of plant	Accumulated depreciation on plant	Long-term debt	Owner's equity		Revenue	Expenses
						Capital stock**	Other***		
						(\$ billions)			
(\$ billions)									
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
1987	93	3.6	32.1	11.5	9.1	5.8	4.0	11.5	10.3

* 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.

Source: Statistics Canada

TABLE 3.5

Analysis of Wage Payments, by Province, 1987

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	13.0	9.9	-	25.5	48.4	9.0	57.4
Prince Edward Island	4.5	1.3	1.8	1.3	8.9	1.6	10.5
Nova Scotia	37.5	11.6	14.5	40.1	103.6	20.0	123.6
New Brunswick	22.5	5.6	12.5	29.7	70.3	11.6	81.9
Québec and Ontario**	667.6	145.5	76.3	952.9	1,842.3	224.3	2,066.5
Manitoba	37.6	12.6	8.0	64.7	122.8	28.4	151.2
Saskatchewan	45.7	12.9	18.9	56.7	134.2	17.3	151.5
Alberta	112.9	30.0	94.1	140.1	377.1	84.8	461.9
British Columbia***	122.7	85.9	200.5	2.7	411.9	89.5	501.4
Total	1,064.0	315.2	426.7	1,313.7	3,119.6	486.4	3,606.0

* 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.

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

TABLE 3.6

Income Statement of the Telephone Industry, by Province, 1987

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	207.2	40.5	358.6	277.9	6,478.1	110.0	402.2	469.6	1,305.9	1,443.0	11,092.8
Less total operating expenses	134.3	26.8	246.8	194.4	4,778.3	75.6	351.2	356.0	982.6	1,051.1	8,198.1
Net operating revenue	72.9	13.7	111.8	83.5	1,699.7	33.4	51.0	113.6	323.3	391.8	2,894.7
Other income:											
Interest earned	0.6	-	0.2	0.2	35.7	0.8	11.9	0.2	-	2.7	52.4
Dividends earned	0.3	-	1.0	1.8	44.3	-	-	-	-	0.1	47.5
Other	1.7	-	(0.3)	1.0	68.6	1.4	4.8	8.1	51.7	142.9	279.9
Subtotal	2.5	-	0.9	3.1	148.6	2.3	16.6	8.4	51.7	145.7	379.8
Other expenses:											
Interest charges	20.9	3.8	35.2	22.3	458.1	5.0	76.6	68.5	287.5	121.1	1,098.5
Other	2.5	(0.1)	(1.7)	0.7	32.3	2.9	9.0	2.2	14.3	106.8	169.3
Subtotal	23.4	3.7	33.5	23.0	490.4	7.9	85.6	70.7	301.8	227.9	1,267.8
Net profit (loss) before income taxes	52.0	10.1	79.2	63.5	1,358.0	27.9	(18.0)	51.2	73.2	309.2	2,006.7
Income taxes:											
Deferred	2.3	1.3	5.1	1.3	113.1	0.3	-	-	-	5.9	129.3
Current	24.6	3.9	34.8	30.7	492.3	4.7	-	-	-	155.5	746.6
Subtotal	26.8	5.2	39.9	32.0	605.5	5.0	-	-	-	161.4	875.9
Net profit (loss) for year ended December 31, 1987	25.2	4.9	39.2	31.5	752.4	22.8	(18.0)	51.2	73.2	148.3	1,130.7
* 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.											

TABLE 3.7

Assets, Liabilities and Net Worth Data of the Telephone Industry, by Province, 1987

Item	Newfound- land	Prince Edward Island	Nova Scotia	New Brunswick	Québec ***	Ontario *** (\$ millions)	Manitoba	Saskat- chewan	Alberta	British Columbia**	Total (\$ millions)
Current assets	36.7	7.7	81.6	50.3	1,330.3	32.2	122.8	83.5	331.8	359.0	2,435.9
Total telephone plant (at cost)	667.1	132.4	1,067.5	764.2	18,225.2	353.1	1,448.2	1,357.6	3,893.7	4,202.9	32,111.9
Less accumulated depreciation	224.1	44.7	350.6	298.6	6,099.6	142.3	692.4	521.6	1,581.4	1,472.3	11,427.6
Subtotal net telephone plant	423.0	87.6	716.9	465.7	12,125.6	210.9	755.8	836.0	2,312.2	2,730.6	20,664.2
Investments	0.3	0.1	21.1	32.0	422.2	5.1	66.3	52.5	62.8	40.6	703.0
Deferred charges	4.5	1.2	8.2	4.6	257.6	0.5	39.5	33.8	31.7	13.4	395.0
Other assets	14.4	-	-	-	13.1	22.9	-	4.4	81.6	0.1	132.1
Total assets	478.8	96.6	827.8	552.6	14,148.8	271.6	984.5	1,005.8	2,820.2	3,143.6	24,330.3
Current liabilities	26.9	11.0	100.2	51.6	1,329.1	22.1	85.0	117.2	545.9	344.8	2,633.8
Long-term debt	190.4	32.6	290.1	203.8	4,543.9	35.7	746.9	-	1,944.5	1,112.7	9,100.6
Deferred credits	37.6	13.3	121.9	73.6	2,014.5	10.6	80.7	0.3	48.6	415.9	2,816.9
Stated value of issued capital stock:											
Common	131.3	7.1	110.3	98.2	2,477.3	112.8	-	-	-	720.6	3,657.7
Preferred	26.1	6.3	24.4	10.9	768.6	8.7	-	-	-	217.0	1,061.9
Premium on capital stock	-	10.3	38.6	19.8	1,033.5	-	-	-	-	4.0	1,106.3
Owners' equity (provincial and other governments)	-	-	-	-	-	33.4	-	649.5	-	-	683.0
Retained earnings	66.5	16.0	142.3	94.6	1,981.9	48.1	71.9	238.9	281.2	328.6	3,270.1
Subtotal net worth	223.9	39.7	315.7	223.6	6,261.3	203.1	71.9	888.4	281.2	1,270.2	9,779.0
Total liabilities and net worth at December 31, 1987	478.8	96.6	827.8	552.6	14,148.8	271.6	984.5	1,005.8	2,820.2	3,143.6	24,330.3

* 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 1987 annual report shows total assets \$13,507.5 or 93% of total Québec and Ontario.

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

Source: Statistics Canada

TABLE 3.8

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Number of Network Access Lines, by Type of Service, 1987

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	160,709	28,800	3,468	332	83	6	9	-	164,269	29,138	193,407	91.4	18,144	211,551	37.3
Prince Edward Island	32,774	4,760	51	2	11,803	241	-	-	44,628	5,003	49,631	86.5	7,717	57,348	44.8
Nova Scotia	283,624	36,077	672	161	34,290	1,096	50	-	318,636	37,334	355,970	84.0	67,568	423,538	48.1
New Brunswick	211,115	98,441	180	25	31,224	627	401	18	242,920	99,111	342,031	96.5	12,347	354,378	49.7
Quebec	2,482,234	490,956	75,378	1,079	75,523	2,112	-	-	2,633,135	494,147	3,127,282	91.2	80,117	3,429,375	51.8
Ontario	3,413,128	810,719	123,476	1,242	128,525	2,937	233	65	3,665,362	814,963	4,480,325	90.3	151,807	4,959,131	52.9
Manitoba	370,587	57,560	712	-	44,329	2,494	-	-	415,628	60,054	475,682	82.8	98,632	574,314	53.1
Saskatchewan	324,635	112,336	-	-	50,033	2,609	-	-	374,668	114,945	489,613	91.9	42,937	532,550	52.7
Alberta	799,545	242,184	-	-	97,642	5,951	-	-	897,187	248,135	1,145,322	87.1	169,445	1,314,767	55.1
British Columbia	1,063,278	253,169	56,979	-	55,274	1,806	765	49	1,176,296	255,024	1,431,320	92.3	118,512	1,549,832	52.3
Yukon	6,720	3,884	165	29	134	48	-	-	7,019	3,961	10,980	77.3	3,230	14,210	57.3
Northwest Territories	11,655	7,047	6	6	18	1	-	-	11,679	7,054	18,733	80.3	4,471	23,323	45.3
Canada	9,160,004	2,145,933	261,087	2,876	528,878	19,928	1,458	132	9,951,427	2,168,869	12,120,296	90.2	774,927	13,444,317	52.1

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, 1987

Province	Government				Incorporated companies	Cooperatives	Total
	Federal	Provincial	Municipal	Subtotal			
	Systems Access lines	Systems Access lines	Systems Access lines	Systems Access lines			
Newfoundland	- 52,984	- -	- -	- 52,984	1 158,567	- -	1 211,551
Prince Edward Island	- -	- -	- -	- -	1 57,348	- -	1 57,348
Nova Scotia	- -	1 314	- -	1 314	1 423,174	1 50	3 423,538
New Brunswick	- -	- -	- -	- -	1 354,378	- -	1 354,378
Quebec	- -	1 17,200	- -	1 17,200	16 3,407,821	2 4,354	19 3,429,375
Ontario	1 -	1 2,098	13 106,148	15 108,246	18 4,850,885	- -	33 4,959,131
Manitoba	- -	1 574,314	- -	1 574,314	- -	- -	1 574,314
Saskatchewan	- -	1 531,929	- -	1 531,929	- -	17 621	18 532,550
Alberta	- -	1 970,549	1 344,218	2 1,314,767	- -	- -	2 1,314,767
British Columbia	- 3,932	- -	1 7,304	1 11,236	1 1,538,596	- -	2 1,549,832
Yukon	- 14,210	- -	- -	- 14,210	- -	- -	- 14,210
Northwest Territories	- 17,737	- -	- -	- 17,737	- 5,586	- -	- 23,323
Canada	1 88,863	6 2,096,404	15 457,670	22 2,642,937	39 10,796,355	20 5,025	81 13,444,317

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

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Telephone Calls, by Province, 1987

Province	Telephone calls			Calls per capita
	Local*	Toll	Total	
Newfoundland	1,158,241,400	30,309,000	1,188,550,400	2,097
Prince Edward Island	153,577,944	9,239,572	162,817,516	1,271
Nova Scotia	1,134,234,764	71,278,480	1,205,513,244	1,368
New Brunswick	892,678,182	75,989,820	968,668,002	1,360
Québec	8,274,580,596	442,803,472	8,717,384,068	1,317
Ontario	11,389,237,491	817,466,990	12,206,704,481	1,302
Manitoba	2,047,935,000	87,019,027	2,134,954,027	1,974
Saskatchewan	883,500,450	117,172,000	1,000,672,450	990
Alberta	3,993,557,340	264,645,378	4,258,202,718	1,785
British Columbia**	4,903,931,944	291,504,838	5,195,436,782	1,710
Total	34,831,475,111	2,207,428,577	37,038,903,688	1,436

* 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, 1977 to 1987

Province	Year (\$ millions)										
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Newfoundland	29.0	27.3	31.0	33.9	43.9	45.3	34.4	32.6	43.5	47.8	52.4
Prince Edward Island	8.9	7.5	8.8	9.2	8.5	6.2	7.5	7.9	12.9	15.4	16.1
Nova Scotia	51.4	49.5	52.7	61.8	84.1	70.1	64.6	93.0	114.0	129.0	133.3
New Brunswick	48.0	39.7	40.5	40.4	53.4	54.8	52.7	59.0	59.1	67.6	76.6
Québec and Ontario	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	2,110.1
Manitoba	94.1	74.5	67.2	80.3	96.6	97.5	73.3	96.7	150.7	116.1	128.2
Saskatchewan	104.7	97.5	95.6	145.8	141.8	118.5	115.5	95.9	109.8	147.0	154.8
Alberta	289.2	306.9	359.7	430.1	550.2	539.3	272.0	262.9	227.1	270.9	327.4
British Columbia*	258.2	241.4	281.3	322.2	373.1	431.6	387.8	387.3	376.9	379.7	351.0
Total	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	3,349.9

* Includes data for the Yukon and Northwest Territories.

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

TABLE 3.12

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Telephone Plant (at cost) of the Telephone Industry, by Province, 1987

Item	Newfound- land	Prince Edward Island	Nova Scotia	New Brunswick	Québec*	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia**	Total (\$ millions)
					(\$ millions)						
Land	3.5	0.3	5.5	4.5	88.9	2.0	6.0	8.1	55.8	28.6	203.2
Buildings	78.5	8.2	70.3	48.1	1,473.7	23.7	91.6	147.5	470.6	372.8	2,785.0
Structures other than buildings (outside plant)	165.1	37.3	315.7	229.9	6,075.0	183.1	351.9	447.5	1,043.0	1,086.3	9,935.0
Central office equipment	304.4	51.1	420.4	310.1	7,153.5	77.9	555.1	494.8	1,512.9	1,644.4	12,524.7
Station equipment	89.2	26.1	154.4	118.2	1,851.9	48.6	325.9	159.5	467.4	610.5	3,851.6
General equipment	22.6	3.8	70.0	16.6	1,119.9	7.8	68.8	67.3	148.5	288.7	1,814.0
Other machinery and equipment	(2.1)	-	0.1	8.1	35.3	6.0	-	-	67.5	60.8	175.6
Subtotal telephone plant in service	661.2	126.9	1,036.3	735.5	17,798.3	349.2	1,399.2	1,324.8	3,765.7	4,092.1	31,289.0
Plant under construction	5.8	5.5	31.2	15.2	426.7	4.0	49.0	17.5	5.2	105.1	665.2
Other telephone plant	-	-	-	13.6	0.2	-	-	15.4	122.8	5.7	157.6
Total telephone plant at December 31, 1987	667.1	132.4	1,067.5	764.2	18,225.2	353.1	1,448.2	1,357.6	3,893.7	4,202.9	32,111.9

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

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

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

