

Q. Please provide the Canadian Electricity Association's most recent table for:

(i) electricity consumption by Province; and,

(ii) electricity consumption by sector.

A. Attachment A contains a summary of electricity consumption in Canada by province and by sector for selected years from 1970 to 2000, as provided by Statistics Canada.

The statistics by province for Newfoundland and Labrador include both the Newfoundland Power and Newfoundland and Labrador Hydro service territories.

Electricity consumption statistics have therefore also been provided which include only Newfoundland Power's service territory.

Electricity Consumption in Canada by Province by Sector							
	Electricity Consumption (GWh)					Annual Growth Rate (per cent)	
	1970	1980	1990	1999	2000	1990-2000 (average)	1999-2000
Nfld.¹							
Residential	504	1,763	2,777	3,041	3,137	1.2	3.2
Commercial	533	1,083	1,802	1,940	1,994	1.0	2.8
Industrial	3,460	4,534	4,809	4,946	5,406	1.2	9.3
Line Losses ²	273	1,165	1,138	1,277	1,280	1.2	0.2
Total	4,770	8,545	10,526	11,204	11,817	1.2	5.5
P.E.I.							
Residential	106	235	318	375	391	2.1	4.3
Commercial	98	179	289	419	417	3.7	-0.5
Industrial	22	42	64	140	148	8.7	5.7
Line Losses ²	24	62	81	62	81	0.0	30.6
Total	250	518	752	996	1,037	3.3	4.1
N.S.							
Residential	1,007	2,004	3,436	3,618	3,756	0.9	3.8
Commercial	1,064	1,736	2,695	3,240	3,107	1.4	-4.1
Industrial	1,213	2,511	2,865	3,617	3,790	2.8	4.8
Line Losses ²	422	563	685	717	852	2.2	18.8
Total	3,706	6,814	9,681	11,192	11,505	1.7	2.8
N.B.							
Residential	797	2,323	4,590	5,051	5,083	1.0	0.6
Commercial	698	1,549	2,303	2,823	2,843	2.1	0.7
Industrial	2,359	4,004	5,384	6,310	6,745	2.3	6.9
Line Losses ²	367	962	981	954	1,463	4.1	53.4
Total	4,221	8,838	13,258	15,138	16,134	2.0	6.6
Que.							
Residential	12,405	31,052	49,051	51,222	53,687	0.9	4.8
Commercial	9,903	20,363	30,285	32,037	32,822	0.8	2.5
Industrial	41,864	54,692	68,339	86,217	88,614	2.6	2.8
Line Losses ²	5,558	12,147	10,000	13,913	16,696	5.3	20.0
Total	69,730	118,254	157,675	183,389	191,819	2.0	4.6

Electricity Consumption in Canada by Province by Sector							
	Electricity Consumption (GWh)					Annual Growth Rate (per cent)	
	1970	1980	1990	1999	2000	1990-2000 (average)	1999-2000
Ont.							
Residential	17,587	32,845	47,283	44,073	45,045	-0.5	2.2
Commercial	17,043	26,814	40,712	46,505	48,610	1.8	4.5
Industrial	28,801	38,473	46,265	45,769	47,232	0.2	3.2
Line Losses ²	6,057	8,377	9,043	13,966	12,809	3.5	-8.3
Total	69,488	106,509	143,303	150,313	153,696	0.7	2.3
Man.							
Residential	2,398	4,265	6,497	6,585	6,810	0.5	3.4
Commercial	2,289	3,379	3,778	3,875	3,988	0.5	2.9
Industrial	3,017	4,137	5,045	5,983	6,357	2.3	6.3
Line Losses ²	897	2,146	2,201	3,314	3,896	5.9	17.6
Total	8,601	13,927	17,521	19,757	21,051	1.9	6.5
Sask.							
Residential	1,601	3,006	3,928	3,971	4,027	0.2	1.4
Commercial	1,375	2,173	3,882	3,597	4,355	1.2	21.1
Industrial	1,746	3,342	4,405	8,393	8,315	6.6	-0.9
Line Losses ²	680	1,306	1,410	2,080	1,932	3.2	-7.1
Total	5,402	9,827	13,625	18,041	18,629	3.2	3.3
Alta.							
Residential	2,259	5,512	7,468	8,511	8,926	1.8	4.9
Commercial	3,045	7,033	10,838	13,236	13,300	2.1	0.5
Industrial	3,092	8,788	20,627	31,641	32,554	4.7	2.9
Line Losses ²	1,484	1,839	3,429	4,399	4,583	2.9	4.2
Total	9,880	23,172	42,362	57,787	59,363	3.4	2.7
B.C.							
Residential	4,700	9,234	12,851	16,336	16,704	2.7	2.3
Commercial	3,617	8,399	11,391	13,274	14,012	2.1	5.6
Industrial	15,438	21,345	27,972	29,370	30,224	0.8	2.9
Line Losses ²	2,006	3,811	5,276	3,356	3,112	-5.1	-7.3
Total	25,761	42,789	57,490	62,336	64,052	1.1	2.8

Electricity Consumption in Canada by Province by Sector							
	Electricity Consumption (GWh)					Annual Growth Rate (per cent)	
	1970	1980	1990	1999	2000	1990-2000 (average)	1999-2000
Other³							
Residential	66	202	269	276	270	0.0	-2.2
Commercial	72	205	312	381	404	2.6	6.0
Industrial	339	380	378	335	352	-0.7	5.1
Line Losses ²	51	88	93	50	38	-8.6	-24.0
Total	528	875	1,052	1,042	1,064	0.1	2.1
Canada							
Residential	43,430	92,441	138,468	143,059	147,836	0.7	3.3
Commercial	39,737	72,913	108,287	121,327	125,852	1.5	3.7
Industrial	101,351	142,248	186,153	222,721	229,737	2.1	3.2
Line Losses ²	17,819	32,466	34,337	44,088	46,742	3.1	6.0
Total	202,337	340,068	467,245	531,195	550,167	1.6	3.6
NP⁴							
Residential	433	1,574	2,445	2,498	2,578	0.5	3.2
Commercial	498	1,005	1,490	1,493	1,517	0.2	1.6
Industrial	N/A ⁵	268	301	283	292	-0.3	3.2
Line Losses ²	100	212	228	226	292	2.5	29.2
Total	1,031	3,059	4,464	4,500	4,679	0.5	4.0

Source: (1970-1980) Previous editions of Electric Power in Canada.
 (1990) Electric Power Statistics, Annual Statistics, Statistics Canada, catalogue 57-202, 1994.
 (1999-2000) Electric Power Generation, Transmission and Distribution, Statistics Canada,
 catalogue 57-202, 2000.

1. Includes both the Newfoundland Power and Newfoundland and Labrador Hydro service territories.
2. Line losses include both technical losses and timing differences.
3. Other includes Yukon, Northwest Territories and Nunavut.
4. Includes only that portion of the Province serviced by Newfoundland Power.
5. Not available.