

2001

www.cihi.ca

Health Indicators



Canadian Institute
for Health Information

Institut canadien
d'information sur la santé



Statistics
Canada

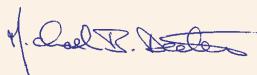
Statistique
Canada

Two years ago, CIHI, in cooperation with the Federal/Provincial/Territorial Advisory Committees on Population Health and Health Services, Health Canada, and Statistics Canada, convened the first National Consensus Conference on Population Health Indicators. Participants advised on the selection of health indicators at the regional level that would relate to the health of the population and of the health care system.

This year, we are pleased to be able to provide the second edition of Health Indicators. This publication accompanies *Health Care in Canada 2001*, a second annual report developed by CIHI with the assistance of Statistics Canada. *Health Indicators 2001* includes updated information about the health care system for Canada's 63 largest regions, covering approximately 90 percent of the country's population. Additional information is provided at the provincial/territorial level as well.

The assistance offered by many individuals in health regions and provinces and territories who reviewed these data and offered many useful suggestions is gratefully acknowledged.


Comments and suggestions on these indicators and priorities for future indicator development are encouraged. Please send an e-mail to indicators@cihi.ca.



Michael B. Decter
Chairperson
CIHI Board of Directors



Richard C. Alvarez
President and CEO, CIHI



Ivan P. Fellegi
Chief Statistician of Canada
Statistics Canada

Regional Profile

Map Code	Health Region	Legend Name	Prov	Population	% Population	Life		
				(000) 1998	age 65 + 1998	1996*	95% L.C.I.**	95% U.C.I.***
1001	Health and Community Services St John's Region	St John's area	NF	184	11.2	78	77.7	78.5
1002	Health and Community Services Eastern Region	Eastern, NF	NF	121	11.7	76	75.6	76.5
1003	Health and Community Services Central Region	Central, NF	NF	109	12.6	78	77.1	78.0
1100	Prince Edward Island	PEI	PE	137	13.1	78	77.5	78.4
1201	Zone 1	Zone 1, NS	NS	127	16.3	78	77.0	77.9
1203	Zone 3	Zone 3, NS	NS	107	14.6	78	77.5	78.4
1205	Zone 5	Zone 5, NS	NS	139	14.7	76	75.7	76.5
1206	Zone 6	Zone 6, NS	NS	380	10.4	78	77.7	78.2
1301	Region 1	Region 1, NB (Moncton area)	NB	184	13.5	79	78.4	79.2
1302	Region 2	Region 2, NB (St John area)	NB	177	13.5	78	77.2	77.9
1303	Region 3	Region 3, NB (Fredericton area)	NB	167	12.0	78	77.3	78.1
2401	Région du Bas-Saint-Laurent	Bas-Saint-Laurent	QC	208	14.5	78	77.7	78.4
2402	Région du Saguenay - Lac-Saint-Jean	Saguenay - Lac-Saint-Jean	QC	290	11.2	77	76.4	77.1
2403	Région de Québec	Région de Québec	QC	645	13.2	78	77.9	78.3
2404	Région de la Mauricie et Centre-du-Québec	Mauricie et Centre-du-Québec	QC	485	14.2	77	77.1	77.6
2405	Région de l'Estrie	Estrie	QC	287	13.4	78	77.6	78.2
2406	Région de Montréal-Centre	Montréal-Centre	QC	1803	15.0	78	77.9	78.2
2407	Région de l'Outaouais	Outaouais	QC	317	9.5	77	76.7	77.4
2408	Région de l'Abitibi-Témiscamingue	Abitibi-Témiscamingue	QC	156	10.2	76	75.8	76.7
2409	Région de la Côte-Nord	Côte-Nord	QC	104	8.1	76	75.7	76.8
2411	Région de la Gaspésie-Îles-de-la-Madeleine	Gaspésie-Îles-de-la-Madeleine	QC	105	13.8	77	76.2	77.2
2412	Région de la Chaudière-Appalaches	Chaudière-Appalaches	QC	389	12.2	78	77.9	78.4
2413	Région de Laval	Laval	QC	343	12.0	79	78.5	79.1
2414	Région de Lanaudière	Lanaudière	QC	392	9.8	77	77.1	77.7
2415	Région de Laurentides	Laurentides	QC	456	10.3	77	77.0	77.5
2416	Région de la Montérégie	Montréal	QC	1304	10.7	78	78.2	78.4
3501	Champlain District Health Council	Champlain (Ottawa area)	ON	1051	12.0	79	78.8	79.1
3502	Quinte-Kingston and Rideau DHC	Quinte-Kingston & Rideau	ON	499	15.1	78	77.4	77.9
3503	Durham-Haliburton-Kawartha and Pine Ridge DHC	Durham-Hal. Kawartha & Pine Ridge	ON	786	14.4	78	78.2	78.5
3504	Toronto District Health Council	Toronto	ON	2509	12.3	79	79.3	79.5
3505	Simcoe-York District Health Council	Simcoe-York	ON	1021	10.2	80	79.4	79.8
3506	Halton-Peel District Health Council	Halton-Peel	ON	1311	8.5	80	79.9	80.2
3507	Waterloo-Wellington-Dufferin DHC	Waterloo-Wellington-Dufferin	ON	664	11.1	79	78.7	79.1
3508	Hamilton-Wentworth DHC	Hamilton-Wentworth	ON	490	14.1	78	77.8	78.2
3509	Niagara District Health Council	Niagara	ON	420	16.0	78	78.1	78.6
3510	Grand River DHC	Grand River (Brantford area)	ON	233	13.8	78	77.4	78.0
3511	Thames Valley DHC	Thames Valley (London area)	ON	592	12.9	78	78.0	78.4
3512	Essex-Kent and Lambton DHC	Essex Kent Lambton (Windsor area)	ON	616	13.5	78	77.5	77.9
3513	Grey-Bruce-Huron and Perth DHC	Grey Bruce Huron & Perth	ON	294	16.1	78	77.9	78.5
3514	Muskoka, Nipissing, Parry Sound and Timiskaming DHC	Muskoka Nipissing P. Sound Tim	ON	218	15.6	77	76.4	77.1
3515	Algoma-Cochrane-Manitoulin and Sudbury DHC	ACMS (Sudbury area)	ON	428	12.7	77	76.4	76.8
3516	Northwestern Ontario DHC	Northwestern Ontario	ON	252	12.3	76	75.6	76.3
4610	Winnipeg	Winnipeg	MB	638	13.8	78	77.9	78.3
4704	Regina (D) Service Area	Regina	SK	246	13.3	78	77.9	78.7
4706	Saskatoon (F) Service Area	Saskatoon	SK	282	12.7	79	78.6	79.2
4801	Chinook Regional Health Authority	Chinook	AB	150	12.3	78	77.2	78.1
4804	Calgary Regional Health Authority	Calgary	AB	905	8.8	80	79.3	79.7
4806	David Thompson Regional Health Authority	David Thompson (Central AB)	AB	191	10.4	78	77.9	78.7
4807	East Central Health Authority	East Central, AB	AB	105	15.1	78	77.9	78.9
4810	Capital Health Authority	Edmonton	AB	809	10.0	79	78.6	79.0
4812	Lakeland Regional Health Authority	Lakeland	AB	112	10.7	77	76.3	77.3
5903	North Okanagan	North Okanagan	BC	118	16.1	79	78.3	79.3
5904	Okanagan Similkameen	Okanagan Similkameen	BC	229	19.4	80	79.9	80.6
5905	Thompson	Thompson	BC	135	11.3	77	76.7	77.7
5906	Fraser Valley	Fraser Valley	BC	238	13.7	79	78.2	78.9
5907	South Fraser Valley	South Fraser Valley	BC	563	11.3	80	79.4	79.8
5910	Central Vancouver Island	Central Vancouver Island	BC	242	15.9	78	77.9	78.6
5911	Upper Island / Central Coast	Upper Island / Central Coast	BC	123	10.5	78	77.3	78.3
5915	Northern Interior	Northern Interior	BC	133	6.3	77	76.1	77.2
5918	North Shore	North Shore	BC	179	13.8	81	80.1	80.8
5920	Capital (Victoria)	Capital	BC	334	17.8	80	79.5	80.0
5921	Vancouver/Richmond	Vancouver/Richmond	BC	724	12.1	79	79.0	79.4
5922	Simon Fraser (includes Burnaby)	Simon Fraser	BC	504	10.9	79	78.8	79.3

* 3-year average: 1995-1997

** Lower Confidence Interval

*** Upper Confidence Interval

Health System Characteristics

Map Code	Region	GP/FP Rate 1998	Specialists Rate 1998	Bypass Surgery Standardized Rate 1998/99	Hip Replacement Standardized Rate 1998/99	Knee Replacement Standardized Rate 1998/99	Hysterectomy Standardized Rate 1998/99
1001	St John's area	119	157	98.9	30.4	26.7	544
1002	Eastern, NF	89	10	111.9	27.3	21.8	712
1003	Central, NF	96	29	108.7	38.6	49.5	635
1100	PEI	73	55	70.9	73.3	64.6	618
1201	Zone 1, NS	85	42	128.9	79.4	89.3	692
1203	Zone 3, NS	84	32	125.2	84.5	101.4	747
1205	Zone 5, NS	89	54	124.4	77.3	119.3	544
1206	Zone 6, NS	126	165	118.7	78.4	79.5	530
1301	Region 1, NB (Moncton area)	89	77	59.2	57.1	75.1	687
1302	Region 2, NB (St John area)	88	82	96.9	58.0	95.6	695
1303	Region 3, NB (Fredericton area)	83	61	81.6	58.7	101.4	504
2401	Bas-Saint-Laurent	107	80	99.3	42.7	41.5	760
2402	Saguenay - Lac-Saint-Jean	96	72	88.2	40.8	41.9	857
2403	Région de Québec	142	168	113.1	34.4	31.1	506
2404	Mauricie et Centre-du-Québec	85	65	104.1	37.0	41.0	469
2405	Estrie	120	116	129.1	38.0	25.9	499
2406	Montréal-Centre	123	209	93.0	33.4	27.1	304
2407	Outaouais	90	57	114.4	34.0	37.6	405
2408	Abitibi-Témiscamingue	99	63	98.4	33.6	39.6	559
2409	Côte-Nord	115	53	112.9	30.7	30.6	500
2411	Gaspésie-Îles-de-la-Madeleine	151	50	101.0	34.0	47.3	690
2412	Chaudière-Appalaches	99	53	107.7	50.5	40.8	552
2413	Laval	84	64	100.1	37.6	36.2	394
2414	Lanaudière	81	38	107.5	36.8	30.9	399
2415	Laurentides	85	41	103.4	37.5	31.9	381
2416	Montréal-Nord	88	59	102.0	36.6	35.6	488
3501	Champlain (Ottawa area)	105	134	92.6	60.0	66.6	472
3502	Quinte-Kingston & Rideau	96	95	105.3	73.9	82.7	513
3503	Durham-Hal.Kawartha & Pine Ridge	65	42	108.3	73.7	85.4	543
3504	Toronto	114	164	84.5	54.7	58.2	299
3505	Simcoe-York	77	49	99.2	64.0	73.6	392
3506	Halton-Peel	71	48	106.2	62.3	67.1	336
3507	Waterloo-Wellington-Dufferin	71	52	79.3	59.8	67.4	450
3508	Hamilton-Wentworth	91	160	88.8	63.0	85.0	470
3509	Niagara	60	57	91.4	62.4	84.1	619
3510	Grand River (Brantford area)	59	35	82.9	67.0	81.1	554
3511	Thames Valley (London area)	87	140	85.5	70.5	78.2	469
3512	Essex Kent Lambton (Windsor area)	56	54	87.4	72.4	97.9	558
3513	Grey Bruce Huron & Perth	77	32	77.4	78.6	96.7	446
3514	Muskoka Nipissing P. Sound Tim	94	44	128.8	65.6	84.3	647
3515	ACMS (Sudbury area)	77	61	146.0	62.2	79.7	732
3516	Northwestern Ontario	81	48	85.2	67.0	82.3	649
4610	Winnipeg	101	143	112.4	70.7	75.5	447
4704	Regina	98	75	111.9	61.8	61.3	448
4706	Saskatoon	102	132	86.0	77.0	88.4	509
4801	Chinook	82	52	79.2	88.7	90.0	572
4804	Calgary	88	105	89.6	57.8	52.7	393
4806	David Thompson (Central AB)	76	39	84.9	75.4	77.0	541
4807	East Central, AB	69	9	65.3	92.1	75.4	611
4810	Edmonton	104	125	83.7	62.9	68.7	404
4812	Lakeland	70	7	80.8	73.2	74.6	488
5903	North Okanagan	106	55	68.4	60.6	57.8	392
5904	Okanagan Similkameen	97	79	81.7	64.5	70.8	450
5905	Thompson	90	62	63.9	67.4	83.1	527
5906	Fraser Valley	82	46	84.9	54.4	72.0	549
5907	South Fraser Valley	74	44	86.4	48.4	51.8	410
5910	Central Vancouver Island	98	59	83.7	59.4	60.4	493
5911	Upper Island / Central Coast	104	41	81.6	82.2	66.5	487
5915	Northern Interior	86	48	71.8	91.7	99.2	561
5918	North Shore	112	88	60.9	58.1	44.8	294
5920	Capital	145	109	81.6	65.5	50.5	443
5921	Vancouver/Richmond	150	214	65.4	37.6	31.1	249
5922	Simon Fraser	88	68	86.3	52.5	50.9	356
	Canada	94	91	95.5	57.0	61.4	462

Map Code	Region	Inflow/Outflow Ratio				
		Overall	Bypass Surgery	Hip Replacement	Knee Replacement	Hysterectomy
		1998/99	1998/99	1998/99	1998/99	1998/99
1001	St John's area	1.51	3.27	1.82	1.96	1.42
1002	Eastern, NF	0.58	0.00	0.03	0.00	0.66
1003	Central, NF	0.87	0.00	0.81	0.68	0.90
1100	PEI	0.94	0.00	0.88	0.98	0.98
1201	Zone 1, NS	0.72	0.00	0.00	0.00	0.79
1203	Zone 3, NS	0.64	0.00	0.00	0.00	0.62
1205	Zone 5, NS	0.92	0.00	1.04	0.99	0.83
1206	Zone 6, NS	1.48	3.09	1.97	2.02	1.22
1301	Region 1, NB (Moncton area)	1.13	0.02	1.36	1.25	1.25
1302	Region 2, NB (St John area)	1.09	3.60	0.93	0.98	0.99
1303	Region 3, NB (Fredericton area)	0.99	0.00	1.13	1.08	0.98
2401	Bas-Saint-Laurent	0.92	0.00	0.77	0.87	0.97
2402	Saguenay - Lac-Saint-Jean	0.98	1.00	0.97	0.98	1.04
2403	Région de Québec	1.26	2.22	1.53	1.60	1.24
2404	Mauricie et Centre-du-Québec	0.87	0.00	0.92	0.87	0.89
2405	Estrie	1.01	1.03	0.75	0.74	1.00
2406	Montréal-Centre	1.32	2.64	1.50	1.56	1.45
2407	Outaouais	0.83	0.00	0.88	0.82	0.77
2408	Abitibi-Témiscamingue	0.96	0.00	0.92	1.02	0.98
2409	Côte-Nord	0.80	0.00	0.30	0.57	0.75
2411	Gaspésie-Îles-de-la-Madeleine	0.72	0.00	0.48	0.42	0.73
2412	Chaudière-Appalaches	0.74	0.00	0.75	0.64	0.79
2413	Laval	0.69	0.00	0.57	0.70	0.89
2414	Lanaudière	0.68	0.00	0.80	0.50	0.69
2415	Laurentides	0.80	0.00	0.49	0.48	0.51
2416	Montérégie	0.75	0.00	0.62	0.66	0.83
3501	Champlain (Ottawa area)	1.13	1.69	1.10	1.11	1.12
3502	Quinte-Kingston & Rideau	0.94	0.78	0.90	0.92	0.95
3503	Durham-Hal.Kawartha & Pine Ridge	0.76	0.00	0.44	0.42	0.78
3504	Toronto	1.30	2.39	1.66	1.62	1.40
3505	Simcoe-York	0.92	0.00	0.75	0.77	0.84
3506	Halton-Peel	0.84	0.00	0.84	0.93	0.80
3507	Waterloo-Wellington-Dufferin	0.82	0.00	0.65	0.71	0.92
3508	Hamilton-Wentworth	1.27	2.93	1.33	1.24	1.26
3509	Niagara	0.86	0.00	0.69	0.75	0.92
3510	Grand River (Brantford area)	0.75	0.00	0.55	0.53	0.69
3511	Thames Valley (London area)	1.31	3.55	1.54	1.45	1.24
3512	Essex Kent Lambton (Windsor area)	0.90	0.00	0.87	0.89	0.91
3513	Grey Bruce Huron & Perth	0.86	0.00	0.59	0.79	0.76
3514	Muskoka Nipissing P. Sound Tim	0.84	0.00	0.22	0.34	0.85
3515	ACMS (Sudbury area)	1.00	1.28	0.84	0.92	0.99
3516	Northwestern Ontario	0.96	0.00	0.98	0.98	0.99
4610	Winnipeg	1.30	1.60	1.49	1.62	1.37
4704	Regina	1.21	1.85	1.54	1.51	1.25
4706	Saskatoon	1.43	1.83	1.81	1.96	1.60
4801	Chinook	0.95	0.00	1.08	1.16	1.08
4804	Calgary	1.16	1.79	1.33	1.33	1.16
4806	David Thompson (Central AB)	0.98	0.00	0.86	1.03	0.91
4807	East Central, AB	0.71	0.00	0.61	0.65	0.43
4810	Edmonton	1.36	1.75	1.70	1.58	1.46
4812	Lakeland	0.77	0.00	0.03	0.04	0.24
5903	North Okanagan	0.88	0.00	0.63	0.58	0.92
5904	Okanagan Similkameen	1.03	0.00	1.11	1.21	1.02
5905	Thompson	1.05	0.00	0.86	0.84	1.07
5906	Fraser Valley	0.86	0.00	0.89	0.88	0.85
5907	South Fraser Valley	0.75	0.00	0.54	0.58	0.85
5910	Central Vancouver Island	0.83	—	0.57	0.79	0.97
5911	Upper Island / Central Coast	0.88	0.00	1.18	0.98	0.97
5915	Northern Interior	0.98	0.00	0.98	0.97	1.06
5918	North Shore	0.97	0.00	1.00	1.12	0.86
5920	Capital	1.11	1.98	0.98	1.03	1.02
5921	Vancouver/Richmond	1.50	4.33	2.34	2.21	1.66
5922	Simon Fraser	1.04	1.31	1.00	1.10	0.84
	Canada	na	na	na	na	na

— Suppressed in accordance with CIHI's privacy and confidentiality policy
na Not available

Health System Performance

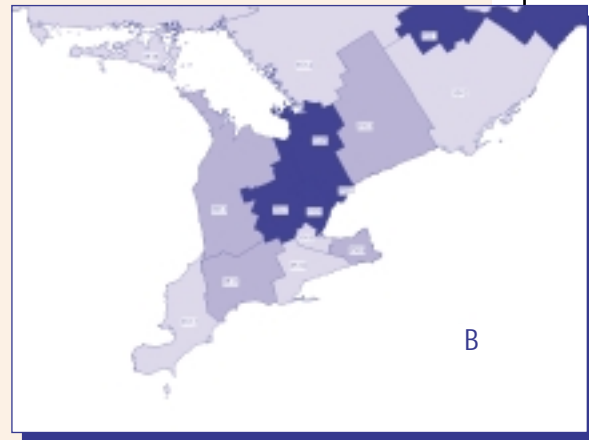
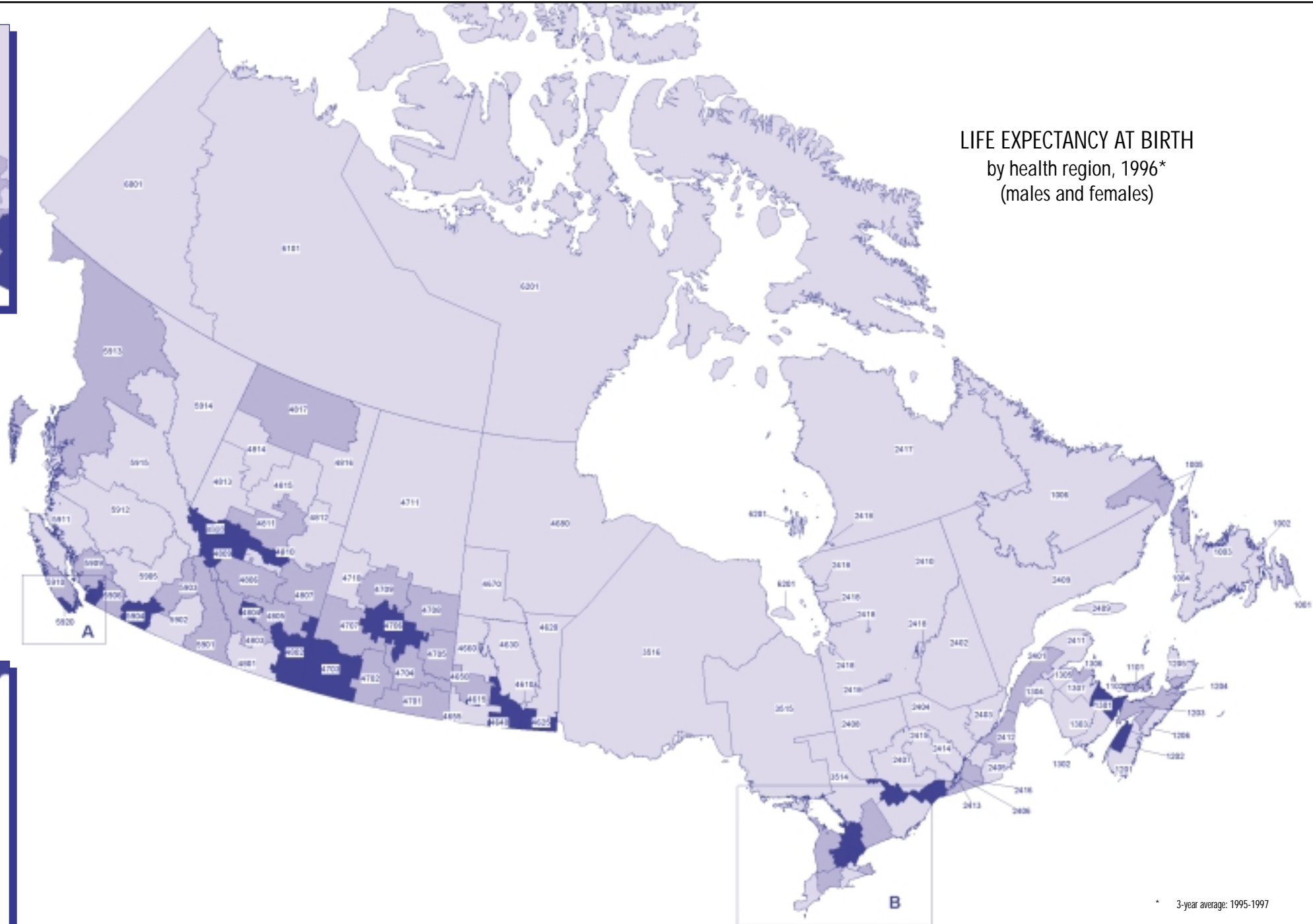
Map Code	Region	Hip Fracture Hosp. Standardized Rate 1998/99	Ambulatory Care Sensitive Conditions Standardized Rate 1998/99	Caesarean Sections % of deliveries 1998/99	Vaginal Birth After Caesarean % of previous C-sections 1998/99	Low Birth Weight % of live births 1996*
1001	St John's area	490	398	22.8	18	6.2
1002	Eastern, NF	651	513	26.7	16	5.6
1003	Central, NF	465	545	29.4	7	5.2
1100	PEI	622	1069	22.7	31	5.0
1201	Zone 1, NS	520	542	19.1	26	6.4
1203	Zone 3, NS	600	550	19.7	33	5.4
1205	Zone 5, NS	766	542	22.0	37	5.3
1206	Zone 6, NS	611	349	19.8	40	6.0
1301	Region 1, NB (Moncton area)	432	475	20.1	21	5.0
1302	Region 2, NB (St John area)	488	397	23.5	23	5.5
1303	Region 3, NB (Fredericton area)	568	690	22.1	21	4.9
2401	Bas-Saint-Laurent	483	366	19.5	33	5.8
2402	Saguenay - Lac-Saint-Jean	558	519	17.0	34	5.9
2403	Région de Québec	526	305	16.9	40	5.5
2404	Mauricie et Centre-du-Québec	525	350	15.4	38	6.0
2405	Estrie	624	388	11.0	60	6.5
2406	Montréal-Centre	546	341	19.1	38	6.1
2407	Outaouais	594	382	17.8	40	5.8
2408	Abitibi-Témiscamingue	725	481	15.0	51	5.4
2409	Côte-Nord	599	550	20.7	36	7.1
2411	Gaspésie-Îles-de-la-Madeleine	527	533	23.9	17	6.7
2412	Chaudière-Appalaches	457	232	19.6	31	5.4
2413	Laval	503	304	16.4	38	5.7
2414	Lanaudière	479	445	15.9	40	6.0
2415	Laurentides	551	382	14.0	44	6.0
2416	Montréal	489	383	18.1	39	5.8
3501	Champlain (Ottawa area)	507	296	19.1	34	6.1
3502	Quinte-Kingston & Rideau	607	309	21.6	30	5.9
3503	Durham-Hal.Kawartha & Pine Ridge	677	313	21.3	28	5.6
3504	Toronto	543	273	20.4	32	6.8
3505	Simcoe-York	602	276	20.9	28	5.7
3506	Halton-Peel	555	272	18.4	39	5.9
3507	Waterloo-Wellington-Dufferin	669	268	17.8	36	4.9
3508	Hamilton-Wentworth	561	253	18.5	40	6.1
3509	Niagara	579	491	18.8	29	5.2
3510	Grand River (Brantford area)	691	455	18.3	36	5.8
3511	Thames Valley (London area)	616	316	15.0	46	5.8
3512	Essex Kent Lambton (Windsor area)	626	523	17.7	41	5.7
3513	Grey Bruce Huron & Perth	728	516	17.8	34	5.1
3514	Muskoka Nipissing P. Sound Tim	811	536	24.8	22	5.5
3515	ACMS (Sudbury area)	660	586	22.9	22	6.1
3516	Northwestern Ontario	726	625	21.0	31	4.9
4610	Winnipeg	538	329	18.1	36	6.0
4704	Regina	517	656	15.2	47	5.4
4706	Saskatoon	534	319	17.4	39	5.9
4801	Chinook	519	735	15.3	39	5.5
4804	Calgary	529	289	18.5	45	6.8
4806	David Thompson (Central AB)	637	642	19.3	35	6.2
4807	East Central, AB	603	838	20.8	31	5.0
4810	Edmonton	595	278	18.9	38	6.2
4812	Lakeland	569	1041	17.9	34	5.5
5903	North Okanagan	887	362	25.0	23	4.1
5904	Okanagan Similkameen	575	473	22.1	36	5.6
5905	Thompson	628	477	24.6	27	5.4
5906	Fraser Valley	601	427	22.4	33	4.9
5907	South Fraser Valley	675	285	22.4	34	5.7
5910	Central Vancouver Island	715	404	22.1	29	5.0
5911	Upper Island / Central Coast	597	696	22.5	27	4.8
5915	Northern Interior	601	506	21.2	23	5.3
5918	North Shore	500	214	21.0	29	4.5
5920	Capital	444	434	28.0	30	4.7
5921	Vancouver/Richmond	616	334	22.6	32	5.5
5922	Simon Fraser	730	314	19.6	33	5.6
	Canada	599	411	19.2	35	5.8

* 3-year average: 1995-1997

Map Code	Region	Pneumonia & Influenza	May Not Require	Average Stay	30 Day Acute Myocardial Infarction		
		Standardized Rate 1998/99	Hosp. % of hosp. 1999/2000	Over/Under Expected # of Days 1999/2000	Risk Adjusted Rate 1998/99	In-hospital Mortality Rate 95% L.C.I.*	95% U.C.I.**
1001	St John's area	910	9.9	1.03	18	13.1	23.9
1002	Eastern, NF	1595	9.5	0.82	15	10.4	19.2
1003	Central, NF	1383	11.1	0.52	13	9.7	17.1
1100	PEI	1779	9.7	0.78	15	11.3	19.1
1201	Zone 1, NS	1487	8.4	0.47	13	8.6	17.0
1203	Zone 3, NS	1848	8.5	0.42	13	7.9	17.8
1205	Zone 5, NS	1418	8.4	0.74	14	10.0	18.4
1206	Zone 6, NS	1466	7.6	0.63	11	7.7	13.5
1301	Region 1, NB (Moncton area)	1247	8.1	0.68	12	8.3	14.9
1302	Region 2, NB (St John area)	1735	8.4	0.66	13	8.7	16.7
1303	Region 3, NB (Fredericton area)	1818	9.4	0.05	11	6.9	14.6
2401	Bas-Saint-Laurent	1231	na	na	na	na	na
2402	Saguenay - Lac-Saint-Jean	1417	na	na	na	na	na
2403	Région de Québec	902	na	na	na	na	na
2404	Mauricie et Centre-du-Québec	1089	na	na	na	na	na
2405	Estrie	1316	na	na	na	na	na
2406	Montréal-Centre	919	na	na	na	na	na
2407	Outaouais	1315	na	na	na	na	na
2408	Abitibi-Témiscamingue	1856	na	na	na	na	na
2409	Côte-Nord	1580	na	na	na	na	na
2411	Gaspésie-Îles-de-la-Madeleine	1688	na	na	na	na	na
2412	Chaudière-Appalaches	1007	na	na	na	na	na
2413	Laval	1006	na	na	na	na	na
2414	Lanaudière	1631	na	na	na	na	na
2415	Laurentides	1384	na	na	na	na	na
2416	Montréal	1193	na	na	na	na	na
3501	Champlain (Ottawa area)	1196	5.9	-0.01	14	12.8	16.1
3502	Quinte-Kingston & Rideau	1492	5.4	-0.17	12	10.1	14.0
3503	Durham-Hal.Kawartha & Pine Ridge	1463	6.5	-0.47	14	12.3	15.8
3504	Toronto	961	5.7	-0.37	12	10.8	12.7
3505	Simcoe-York	1227	6.8	-0.58	12	9.9	13.4
3506	Halton-Peel	1019	6.0	-0.30	12	10.5	13.8
3507	Waterloo-Wellington-Dufferin	1058	5.5	-0.67	12	10.1	14.4
3508	Hamilton-Wentworth	1086	5.0	-0.56	12	10.4	14.2
3509	Niagara	1003	6.8	-0.40	14	11.9	16.0
3510	Grand River (Brantford area)	1311	6.2	-1.02	14	11.7	16.8
3511	Thames Valley (London area)	880	6.8	-0.57	13	11.2	14.9
3512	Essex Kent Lambton (Windsor area)	1025	7.5	-0.34	14	12.3	15.8
3513	Grey Bruce Huron & Perth	1567	7.5	-0.49	13	10.8	15.9
3514	Muskoka Nipissing P. Sound Tim	1689	8.0	-0.17	16	12.9	19.0
3515	ACMS (Studbury area)	1587	7.3	-0.01	14	11.4	15.6
3516	Northwestern Ontario	1421	7.5	-0.11	13	9.8	16.0
4610	Winnipeg	1139	6.1	0.90	11	9.3	13.0
4704	Regina	1490	7.0	0.15	15	12.2	17.7
4706	Saskatoon	1136	7.5	0.26	10	7.3	13.6
4801	Chinook	1676	7.7	0.00	13	8.4	16.8
4804	Calgary	1092	6.9	0.19	9	7.4	11.3
4806	David Thompson (Central AB)	2043	8.4	0.04	9	4.1	12.9
4807	East Central, AB	1622	9.7	-0.32	17	11.6	22.1
4810	Edmonton	1127	5.1	-0.15	11	8.6	12.4
4812	Lakeland	2182	8.9	-0.41	8	3.3	12.7
5903	North Okanagan	1482	7.1	-0.30	na	na	na
5904	Okanagan Similkameen	1113	7.0	-0.42	na	na	na
5905	Thompson	1369	9.0	-0.18	na	na	na
5906	Fraser Valley	1260	7.1	-0.33	na	na	na
5907	South Fraser Valley	1176	6.0	-0.13	na	na	na
5910	Central Vancouver Island	1038	6.6	-0.06	na	na	na
5911	Upper Island / Central Coast	1320	9.2	-0.37	na	na	na
5915	Northern Interior	2337	8.2	-0.02	na	na	na
5918	North Shore	884	6.3	0.32	na	na	na
5920	Capital	852	8.7	0.27	na	na	na
5921	Vancouver/Richmond	1039	6.5	0.19	na	na	na
5922	Simon Fraser	1163	6.7	-0.04	na	na	na
	Canada	1273	na	na	na	na	na

* Lower Confidence Interval
** Upper Confidence Interval

Life Expectancy At Birth



Life Expectancy

- Above Canadian Average
- About Same as Canadian Average
- Below Canadian Average

* 3-year average: 1995-1997

Provincial and Territorial Indicators

Health Professionals †

	RN	LPN	Physicians			Pharmacists	Dentists	Physiotherapists	Psychologists	Dental		Optometrists
			Total	GP/FP	Specialists					Hygienists	Chiropractors	
	1999	1998	1999	1999	1999	1998	1998	1998	1998	1998	1998	1998
NF	972	517	171	103	68	90	27	33	..	13	4	7
PE	887	452	130	74	55	79	39	36	14	24	5	12
NS	915	342	199	101	97	97	47	45	25	43	4	7
NB	1019	342	154	91	63	72	34	51	32	30	6	13
OC	788	247	212	105	107	69	53	43	85	45	12	16
ON	676	296	179	85	94	71	58	46	20	51	20	10
MB	891	227	179	91	88	77	47	43	12	47	16	7
SK	833	209	153	92	61	105	34	48	7	27	14	11
AB	740	157	167	88	79	95	53	59	50	44	18	10
BC	690	128	194	105	88	79	63	65	26	46	16	8
YK	801	214	138	119	20	65	49	..	..	39	16	10
NT	706]	164]	92]	65]	27]	66]	83]	..	56]	22 ]	..	..
NUN								..			..	..
CAN	746	248	186	94	92	76	54	49	34	45	16	11

† Data are preliminary as of December 2000 and are subject to change. Rates per 100,000 population
 .. Figures not available

Health Expenditures †

	Total Health Expenditure (\$000,000), Current dollars			Total Health Expenditure \$ per capita, Current dollars			% of GDP	% Public Sector	Total Health Expenditure by Use of Funds \$ per capita			
	Actual	Forecast	Forecast	Actual	Forecast	Forecast			Institutional Services	Professional Services	Drugs	Capital and Other Health Spending
	1998	1999	2000	1998	1999	2000	1998	1998	1998	1998	1998	1998
NF	1,465	1,554	1,601	2,685	2,873	2,971	13.0	76.0	1,445	478	360	403
PE	356	375	389	2,599	2,722	2,799	12.5	68.7	1,266	520	450	363
NS	2,558	2,664	2,680	2,732	2,836	2,848	12.1	72.1	1,392	584	442	314
NB	1,920	2,067	2,217	2,548	2,740	2,931	11.0	71.3	1,251	541	395	361
OC	18,938	19,745	20,748	2,586	2,687	2,814	9.8	73.4	1,222	590	393	381
ON	32,734	34,571	37,311	2,875	3,002	3,197	8.8	66.7	1,128	827	473	447
MB	3,270	3,548	3,929	2,873	3,106	3,423	10.9	73.1	1,290	666	362	555
SK	2,806	3,011	3,161	2,738	2,935	3,088	9.7	75.0	1,108	601	358	671
AB	7,868	8,951	9,887	2,707	3,025	3,299	7.4	67.9	1,090	678	344	594
BC	11,585	12,047	12,709	2,898	2,991	3,127	10.2	71.5	1,181	874	337	506
YK	103	116	122	3,262	3,719	3,994	9.8	84.7	1,092	663	333	1174
NT	354]	233]	207]	5,244]	5,666]	4,908]	13.8]	92.0]	2,279]	571]	306]	2089]
NUN		135	165		4,990	5,954						
CAN	83,955	89,017	95,127	2,776	2,919	3,094	9.3	70.1	1,180	725	409	462

† Health Expenditure Database, CIHI, revised December 2000
 .. Figures not available

Provincial and Territorial Indicators

Prevention

	Influenza Immunization %	Mammography		Pap Smear %	Pertussis cases	Measles cases	Tuberculosis cases	HIV + test reports	Chlamydia cases	
	Age 65+	% Women 50-69		Women 18-69	1998	1998	1998	1998	1998	
	1996/97	1996/97	1998/99	1996/97	1998/99	1998	1998	1998	1999	1998
NF	41.7	43.3	48.2	76.3	79.6	39	0	8	14	6
PE	54.8	67.2	62.5	74.6	82.0	21	0	2	35	22
NS	58.8	53.3	56.2	77.6	81.4	37	0	18	0	1,207
NB	46.2	66.8	72.3	75.1	79.8	266	0	9	13	4
QC	32.4	56.9	58.4	73.6	75.9	4,850	2	289	567	569
ON	54.6	66.8	68.2	77.5	76.7	1,871	8	729	996	932
MB	48.3	59.1	65.2	79.2	83.5	311	0	116	70	76
SK	51.7	66.1	80.7	78.3	79.3	269	1	98	26	33
AB	52.5	63.0	69.7	79.3	79.0	741	1	158	122	163
BC	51.4	70.4	75.8	75.0	75.2	362	3	331	482	427
YK	..	..	..	..	..	0	1	2	3	1
NT	..	..	..	..	..	30	0	38	1	0
NUN	..	..	..	..	..	..	..	..	..	..
CAN	47.9	63.1	66.2	76.3	77.1	8,797	16	1,798	2,329	2,233

.. Figures not available

Mortality †

	Infant Mortality Per 1,000 live births	Perinatal Mortality Per 1,000 total births	Circulatory Deaths			Cancer Deaths			Respiratory Deaths Standardized Rate Per 100,000 pop.	
			Total	IHD ‡	Stroke	Total	Lung	Breast (F)		Prostate (M)
			Standardized Rate Per 100,000 pop.	Standardized Rate Per 100,000 pop.	Standardized Rate Per 100,000 pop.	Standardized Rate Per 100,000 pop.	Standardized Rate Per 100,000 pop.	Standardized Rate Per 100,000 pop.		Standardized Rate Per 100,000 pop.
	1996	1996	1996	1996	1996	1996	1996	1996	1996	1996
NF	6.6	7.5	320.6	176.6	62.5	194.3	50.0	27.0	29.8	56.9
PE	4.6	7.3	267.1	147.8	53.3	193.8	56.6	23.8	36.0	66.5
NS	4.9	6.3	259.5	139.4	45.3	208.3	57.8	30.9	33.3	71.0
NB	5.1	5.9	257.7	129.6	47.6	196.5	55.2	29.3	29.9	57.4
QC	5.2	5.9	247.6	142.9	44.3	203.9	60.4	29.5	29.2	62.1
ON	5.7	7.1	245.7	141.8	49.8	180.5	44.3	29.0	29.2	56.7
MB	7.3	7.5	259.6	142.4	52.2	186.9	47.7	29.8	30.6	57.9
SK	8.7	8.1	237.9	123.0	45.8	171.5	42.2	24.4	35.6	58.4
AB	6.1	7.0	249.0	127.9	49.6	173.3	43.0	27.7	32.6	59.8
BC	5.3	6.2	223.1	113.0	49.5	168.9	44.9	24.9	27.0	62.4
YK	8.7	8.6	288.7	119.2	48.8	208.3	73.1	16.7	44.2	73.6
NT	6.7	7.1	196.9	85.0	42.5	217.0	66.3	–	22.5	92.8
NUN	17.9	9.8	215.6	40.2	–	327.1	131.8	–	–	209.7
CAN	5.8	6.7	245.8	136.4	48.4	185.7	49.2	28.3	29.7	59.8

† 3-year average: 1995-1997

‡ IHD = Ischemic Heart Disease

– Suppressed in accordance with CIHI's privacy and confidentiality policy

Provincial and Territorial Indicators

Non-Medical Determinants of Health

	Smoking Prevalence	Regular heavy drinking †	Physically Active	High School Graduation	Post-Secondary Graduation	Unemployment Rate	Youth Unemployment Rate	Low Income Rate	Children in Low Income Families	Housing Affordability
	%	%	%	%	%	%	%	%	%	%
	Age 12 +	Age 12 +	Age 12 +	Age 25-29	Age 25-54	Age 15 +	Age 15-24			
	1998/99	1998/99	1998/99	1996	1996	1996	1996	1995 Income	1995 Income	1995 Income
NF	29	27	19	62.3	48.8	25.1	36.9	21.4	27.1	19.1
PE	30	22	19	64.9	49.0	13.8	18.7	15.2	18.6	20.9
NS	30	26	19	66.6	53.9	13.3	23.3	18.8	23.6	23.3
NB	28	23	18	70.0	45.8	15.5	24.7	19.0	22.5	20.4
QC	30	18	18	71.0	48.4	11.8	19.1	23.4	24.8	27.9
ON	25	18	22	76.3	53.1	9.1	17.8	17.7	21.6	28.0
MB	27	25	20	65.3	48.0	7.9	14.1	20.6	24.8	20.8
SK	28	27	22	63.2	48.6	7.2	14.3	18.3	22.9	18.5
AB	28	23	27	66.5	53.7	7.2	13.0	18.4	21.2	22.5
BC	22	20	27	72.1	54.0	9.6	15.9	19.6	22.5	29.1
YK	..	..	..	67.2	60.3	11.0	16.9	..	..	21.2
NT	..	..	..	55.4	55.0	11.7	20.5	..	..	15.0
NUN	..	..	..	28.6	43.3	15.4	26.3	..	..	7.6
CAN	27	20	22	71.8	51.5	10.1	17.1	19.7	22.8	26.5

† Current drinkers drinking 5 or more drinks on one occasion at least once a month

.. Figures not available

Health Conditions

	Arthritis/Rheumatism	Asthma	Depression	Diabetes	Disability Days (1+ days in the past two weeks)	Functional Health †	Activity Limitation or Handicap ‡	Overweight		Prevalence of Chronic Pain
	%	%	%	%	%	%	%	%		%
	Age 12 +	Age 12 +	Age 12 +	Age 12 +	Age 12 +	Age 12 +	Age 12 +	Age 20-64		Age 12 +
	1998/99	1998/99	1998/99	1998/99	1998/99	1998/99	1998/99	1998/99	1998/99	1998/99
								BMI* = 27 +	BMI* = 30 +	
NF	14	6	3	5	13	11	16	43	20	10
PE	18	7	4	3	12	16	19	39	18	12
NS	21	8	6	4	21	19	26	37	18	15
NB	17	7	5	3	13	16	19	42	21	15
QC	13	8	5	3	10	13	15	27	12	13
ON	16	9	4	4	14	17	18	32	15	14
MB	17	6	5	4	15	21	19	39	19	15
SK	20	8	4	3	14	18	18	39	20	15
AB	15	9	4	3	16	16	18	32	17	12
BC	14	8	5	3	15	18	20	28	12	14
YK	..	..	..	..	..	..	..	..	..	..
NT	..	..	..	..	..	..	..	..	..	..
NUN	..	..	..	..	..	..	..	..	..	..
CAN	15	8	4	4	14	16	18	31	15	14

† Population reporting moderate or more severe functional problems

‡ Persons having any limitation or any handicap affecting activity

* BMI = Body Mass Index

.. Figures not available

Self-Rated Health, Life Expectancy and Death

	Self-Rated Health %		Life Expectancy at birth (years)			Life expectancy at 65 (years)			PVLL †	Deaths from all causes Standardized Rate (per 100,000 pop.)		
	Age 12 + 1998/99	1998/99	Total	Male	Female	Total	Male	Female	1996	Total	Male	Female
NF	28	45	77.2	74.4	80.1	16.9	14.9	18.9	3,721	752.4	969.9	583.6
PE	22	46	77.9	74.5	81.5	17.9	15.3	20.2	3,687	695.4	941.9	513.1
NS	21	42	77.7	74.8	80.6	17.6	15.3	19.6	3,983	711.2	930.8	556.3
NB	18	39	78.0	74.8	81.2	17.9	15.7	19.9	3,736	691.4	906.4	528.9
OC	27	38	77.9	74.6	81.0	17.8	15.5	19.8	4,032	697.2	926.8	537.6
ON	27	39	78.6	75.9	81.3	18.1	16.1	19.8	3,453	661.2	845.5	527.5
MB	23	41	77.9	75.2	80.5	18.2	16.2	19.9	4,066	682.7	862.2	548.2
SK	18	43	78.3	75.4	81.4	18.8	16.7	20.8	4,203	643.2	826.1	496.9
AB	27	44	78.6	75.9	81.3	18.5	16.7	20.2	3,943	646.9	813.8	516.4
BC	25	38	79.0	76.2	81.9	18.8	17.0	20.5	3,986	628.3	796.1	495.2
YK	..	..	75.2	72.3	79.2	16.4	13.9	19.9	4,742	847.2	1115.1	596.7
NT	..	..	76.6	74.4	79.1	17.6	16.5	18.8	7,695	745.4	857.4	624.5
NUN	..	..	70.1	68.3	71.3	15.0	14.6	14.1	1,081.9	1081.9	1105.7	1046.8
CAN	26	40	78.4	75.4	81.2	18.2	16.1	19.9	3,804	668.9	861.8	526.3

† 3-year average: 1995-1997

‡ PVLL = Potential Years of Life Lost prior to age 70, standardized per 100,000 pop.

.. Figures not available

Provincial and Territorial Indicators—Data Sources

Life Expectancy and Mortality

Canadian Vital Statistics, Statistics Canada

Self-Rated Health, Health Conditions, and Non-Medical Determinants

National Population Health Survey and Census, Statistics Canada

Prevention

National Population Health Survey, Statistics Canada

Notifiable Diseases On-Line, Population and Public Health Branch, Health Canada

HIV and AIDS in Canada: Surveillance Report to June 30, 2000, Population and Public Health Branch, Health Canada

Health Professionals

Southern Medical Database, CIHI

Registered Nurses Database, CIHI

Health Personnel Database, CIHI

Health Expenditures

National Health Expenditure Database, CIHI

Definitions and Data Sources

Population Estimates: 1998 population data for BC regions were made available by BC Stats, BC Ministry of Finance and Corporate Relations. For all other regions, 1998 population figures are updated adjusted population estimates produced by Statistics Canada using demography data available at the census subdivision level. The population estimates for health regions in Alberta prepared by Statistics Canada differ from those of Alberta Health and Wellness, which are based principally on Alberta's health care file.

Life Expectancy: An estimate of the number of years that a person born in that year is expected to live, based on current mortality rates. Source: Health Statistics Division, Statistics Canada.

General/Family Practitioners per Capita: Active civilian general practitioners or family practitioners per 100,000 population. Source: Southam Medical Database, CIHI.

Medical Specialists per Capita: Active civilian medical specialists per 100,000 population. Source: Southam Medical Database, CIHI.

Bypass Surgery: Age standardized rate of coronary artery bypass graft surgery performed on inpatients in acute care hospitals per 100,000 population age 20 and older. Source: Hospital Morbidity Database, CIHI.

Total Hip Replacement Rate: Age standardized rate of total hip replacement surgery (unilateral or bilateral) performed on inpatients in acute care hospitals per 100,000 population. Source: Hospital Morbidity Database, CIHI.

Total Knee Replacement Rate: Age standardized rate of total knee replacement surgery (unilateral or bilateral) performed on inpatients in acute care hospitals per 100,000 population. Source: Hospital Morbidity Database, CIHI.

Hysterectomy: Age standardized rate for hysterectomies provided to inpatients in acute care hospitals, per 100,000 women age 20 and older. Source: Hospital Morbidity Database, CIHI.

Inflow/Outflow Ratio: The ratio of the number of hospitalizations for inpatients in acute care hospitals located in a given region divided by the number of in-patient acute care hospitalizations generated by residents of that region. Separate indicators are calculated for all hospitalizations (Overall), Bypass graft surgery, Hip replacement, Knee replacement, and Hysterectomy. Source: Hospital Morbidity Database, CIHI.

Hip Fractures: Age standardized hospitalization rates for fracture of the hip, per 100,000 population age 65 and older. Source: Hospital Morbidity Database, CIHI.

Ambulatory Care Sensitive Conditions: Age standardized inpatient acute care hospitalization rate for conditions where appropriate ambulatory care prevents or reduces the need for hospitalization. Source: Hospital Morbidity Database, CIHI

Caesarean Sections: Proportion of women delivering babies in acute care hospitals who received Caesarean sections. Due to the characteristics of the database, stillbirths are excluded from the denominator. Source: Hospital Morbidity Database, CIHI

Vaginal Births After Caesarean Sections: Proportion of women who have previously received a Caesarean section, who give birth via a vaginal delivery in an acute care hospital. Source: Hospital Morbidity Database, CIHI

Low Birthweight: Proportion of live births with a birthweight less than 2500 grams per 1,000 live births (excluding births with unknown birth weight). Source for Quebec regions: Fichier des événements démographiques, Ministère de la Santé et des Services sociaux. All other regions: Canadian Vital Statistics, Statistics Canada.

Hospitalization due to Pneumonia and Influenza: Age standardized acute care hospitalization rates for pneumonia and influenza, per 100,000 population age 65 and older. Source: Hospital Morbidity Database, CIHI

Average Stay Over/Under Expected: Average days for "typical" acute care inpatients over/under the Expected Length of Stay (ELOS). Typical cases exclude deaths, transfers, voluntary sign-outs, and cases where the actual length of stay is greater than the "trim point" established by CIHI. ELOS is calculated for each admission taking into account the reason for hospitalization, age, other existing medical conditions, and complications. A positive value indicates the average actual days stay was longer than expected while a negative value suggests the average actual stay was shorter than expected. Source: Discharge Abstract Database, CIHI.

May Not Require Hospitalization: Percentage of acute care hospitalizations for conditions or procedures that often allow ambulatory treatment not requiring admission. These hospitalizations are derived from the Case Mix Group™ methodology. Source: Discharge Abstract Database, CIHI.

30 day Acute Myocardial Infarction (AMI) In-hospital Mortality Rate: Risk adjusted rate of all cause in-hospital death within 30 days of first admission to an acute care hospital with a diagnosis of AMI. The rate is estimated to be within the upper and lower confidence interval 19 times out of 20 (95% confidence interval). The width of the confidence interval illustrates the degree of variability associated with the rate. Source: Hospital Morbidity Database, CIHI.

General Notes

- These notes provide general comments to assist with accurate interpretation of the health indicators featured in this report. Please consult CIHI's web site (www.cihi.ca) for greater detail.
- The methodology used for these indicators was designed to maximize inter-regional and inter-provincial comparability given the characteristics of available national datasets. For this reason, and because the data presented include the latest updates available at the time of publication, there may be differences with definitions and data sources used in other reports.

Regional Estimates—Hospitalization Data

- Data are based on a patient's region of residence, not the region where she/he was hospitalized.
- Standardized rates are age adjusted using a direct method of standardization based on the July 1st, 1991 Canadian population.
- Hospitalizations include discharges and deaths for in-patients in acute care hospitals for the reference period. Same day surgery (out-patient) cases and patients admitted to non-acute care hospitals (e.g. chronic care, psychiatric, or rehabilitation facilities) are generally not included in the totals.
- Data from the Discharge Abstract Database include only jurisdictions that submit comprehensively to the database. Therefore, data from Quebec are not available.

For more information and detailed technical notes, visit www.cihi.ca or contact:

indicators@cihi.ca or

Canadian Institute for Health Information

377 Dalhousie Street, Suite 200

Ottawa, Ontario K1N 9N8

Aussi disponible en français

© 2001, Canadian Institute for Health Information (CIHI).

All rights reserved.