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Preface

Since 1999, CIHI and Statistics Canada have collaborated on the Health Indicators Project, developing and providing a broad range of health indicators for health regions across the country. Now in its fourth year of publication, *Health Indicators 2003* includes the most recent available information about the health care system, health status and the determinants of health for Canada's largest regions covering approximately 95% of the population, as well as for provinces and territories. This publication accompanies *Health Care in Canada 2003*, a fourth annual report developed by CIHI with the assistance of Statistics Canada.

In this edition, key indicators describing health system performance and characteristics are provided for all health regions over 75,000 population. In addition, a selection of measures of health status and the non-medical determinants of health are presented and represent a sampling of the range of indicators that are now available.

The Health Indicators Project has benefited greatly from consultations with our stakeholders across the country. The assistance offered by many individuals in health regions and provinces and territories who reviewed these indicators and offered useful suggestions is gratefully acknowledged.

As always, we welcome your comments about this publication. Please send your suggestions about the indicators or priorities for future indicator development to indicators@cihi.ca.

Health Indicator Framework

HEALTH STATUS

How healthy are Canadians?

Health Status can be measured in a variety of ways, including well being, health conditions, disability, or death.

Health Conditions	Human Function	Well-Being	Deaths
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NON-MEDICAL DETERMINANTS OF HEALTH

Non-medical determinants of health are known to affect our health, and in some cases, when and how we use health care.

Health Behaviours	Living & Working Conditions	Personal Resources	Environmental Factors
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HEALTH SYSTEM PERFORMANCE

How healthy is the health care system?
These indicators measure various aspects of the quality of health care.

Acceptability	Accessibility	Appropriateness	Competence
Continuity	Effectiveness	Efficiency	Safety

COMMUNITY AND HEALTH SYSTEM CHARACTERISTICS

These measures provide useful contextual information but are not direct measures of health status or the quality of health care.

Community	Health System	Resources
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EQUITY



Using this Report

This year, rates are provided for all health regions with populations of at least 75,000, broadened from the previous years' threshold of 100,000.

Confidence intervals are provided for most indicators to aid interpretation. The width of the confidence interval illustrates the degree of variability associated with the rate. Indicator values are estimated to be accurate within the upper and lower confidence interval 19 times out of 20 (95% confidence interval). In most cases, if the rate for Canada falls between the lower and upper confidence limit for any region, the regional rate is not statistically significantly different from the overall average.

Please see Definitions and Data Sources at the back of this report for information on how the indicators are defined and important interpretive notes.

Symbols and abbreviations used in this report

..	Figures not available
*	Data were suppressed due to small numbers
▼	Interpret with caution
95% CI	95% Confidence interval
♦	Statistically different from the overall average ($p \leq 0.05$)
Age std rate	Age-standardized rate

Map Code	Health Region	Legend Name	Prov/Terr	Population ('000)–2000	% Population Age 65+ (2000)	Dependency Ratio (2000)	% Population Urban (2001)
10	Newfoundland & Labrador		N.L.	537	11.6	40.8	57.6
1001	Health and Community Services St. John's Region	St. John's area	N.L.	184	11.4	40.4	83.4
1002	Health and Community Services Eastern Region	Eastern, N.L.	N.L.	120	11.9	41.0	36.6
1003	Health and Community Services Central Region	Central, N.L.	N.L.	106	13.3	42.2	42.4
1004	Health and Community Services Western Region	Western, N.L.	N.L.	87	12.5	42.4	50.6
11	Prince Edward Island		PE.I.	138	13.1	49.0	44.5
12	Nova Scotia		N.S.	943	13.2	45.8	55.6
1201	Zone 1	Zone 1, N.S.	N.S.	127	16.5	49.7	22.3
1202	Zone 2	Zone 2, N.S.	N.S.	85	14.4	49.3	37.3
1203	Zone 3	Zone 3, N.S.	N.S.	107	14.8	49.2	40.8
1204	Zone 4	Zone 4, N.S.	N.S.	99	15.0	48.9	35.7
1205	Zone 5	Zone 5, N.S.	N.S.	137	15.1	49.6	64.6
1206	Zone 6	Zone 6, N.S.	N.S.	388	10.6	41.7	76.2
13	New Brunswick		N.B.	756	12.8	44.7	50.2
1301	Region 1	Region 1, N.B. (Moncton area)	N.B.	186	13.7	44.1	57.3
1302	Region 2	Region 2, N.B. (Saint John area)	N.B.	178	13.4	48.2	60.6
1303	Region 3	Region 3, N.B. (Fredericton area)	N.B.	169	12.0	45.2	45.3
1306	Region 6	Region 6, N.B. (Bathurst area)	N.B.	87	12.2	39.8	34.3
24	Quebec		Que.	7,385	12.7	44.1	80.2
2401	Région du Bas-Saint-Laurent	Bas-Saint-Laurent	Que.	206	14.8	45.2	51.7
2402	Région du Saguenay—Lac-Saint-Jean	Saguenay—Lac-Saint-Jean	Que.	289	11.8	41.6	71.7
2403	Région de Québec	Région de Québec	Que.	648	13.6	41.2	87.6
2404	Région de la Mauricie et Centre-du-Québec	Mauricie et Centre-du-Québec	Que.	487	14.6	46.0	67.0
2405	Région de l'Estrie	Estrie	Que.	290	13.7	46.3	63.7
2406	Région de Montréal-Centre	Montréal-Centre	Que.	1,811	15.2	46.3	100.0
2407	Région de l'Outaouais	Outaouais	Que.	321	9.9	42.2	74.1
2408	Région de l'Abitibi-Témiscamingue	Abitibi-Témiscamingue	Que.	155	10.6	43.8	54.4
2409	Région de la Côte-Nord	Côte-Nord	Que.	103	8.8	38.6	68.8
2411	Région de la Gaspésie-Îles-de-la-Madeleine	Gaspésie-Îles-de-la-Madeleine	Que.	102	14.3	44.1	27.7
2412	Région de la Chaudière-Appalaches	Chaudière-Appalaches	Que.	391	12.5	44.0	57.9
2413	Région de Laval	Laval	Que.	350	12.7	45.1	100.0
2414	Région de Lanaudière	Lanaudière	Que.	400	10.3	44.4	71.7
2415	Région des Laurentides	Laurentides	Que.	470	10.7	44.3	69.3
2416	Région de la Montérégie	Montérégie	Que.	1,320	11.1	43.2	81.6
35	Ontario		Ont.	11,743	12.4	46.9	84.6
3501	Champlain DHC	Champlain (Ottawa area)	Ont.	1081	12.1	45.2	81.2
3502	Quinte Kingston Rideau DHC	Quinte Kingston Rideau	Ont.	503	15.4	51.0	53.8
3503	Durham, Haliburton, Kawartha, Pine Ridge DHC	Durham, Hal., Kawartha & Pine Ridge	Ont.	810	12.8	50.6	75.1
3504	Toronto DHC	Toronto	Ont.	2,543	13.3	44.8	100.0
3505	Simcoe York DHC	Simcoe York	Ont.	1,115	10.4	45.1	85.7
3506	Halton-Peel DHC	Halton-Peel	Ont.	1,389	8.8	42.9	95.9
3507	Waterloo Region-Wellington-Dufferin DHC	Waterloo-Wellington-Dufferin	Ont.	691	11.1	47.1	86.4
3508	Hamilton DHC	Hamilton	Ont.	498	14.2	50.1	92.7
3509	Niagara DHC	Niagara	Ont.	424	16.3	53.2	87.6
3510	Grand River DHC	Grand River (Brantford area)	Ont.	236	13.8	51.7	65.9
3511	Thames Valley DHC	Thames Valley (London area)	Ont.	601	13.1	49.5	81.2
3512	Essex Kent Lambton DHC	Essex Kent Lambton (Windsor area)	Ont.	628	13.5	49.6	78.6
3513	Grey Bruce Huron Perth DHC	Grey Bruce Huron & Perth	Ont.	294	16.3	55.3	49.5
3514	Muskoka, Nipissing, Parry Sound Timiskaming	Muskoka Nipissing P Sound Tim	Ont.	218	16.2	51.5	52.0
3515	Algoma, Cochrane, Manitoulin and Sudbury DHC	ACMS (Sudbury area)	Ont.	417	13.5	46.9	75.3
3516	Northwestern Ontario DHC	Northwestern Ontario	Ont.	250	12.6	49.9	64.8
46	Manitoba		Man.	1,147	13.4	52.6	71.7
4610	Winnipeg	Winnipeg	Man.	641	13.8	48.8	99.3
4630	Interlake	Interlake	Man.	79	13.6	53.2	21.8
4640	Central	Central	Man.	98	13.9	60.3	36.0
47	Saskatchewan		Sask.	1,021	14.4	56.4	64.1
4704	Regina Qu'Appelle RHA	Regina	Sask.	246	13.4	50.7	81.5
4706	Saskatoon RHA	Saskatoon	Sask.	283	12.8	51.4	79.7
4709	Prince Albert Parkland RHA	Prince Albert	Sask.	77	14.9	61.4	49.0
48	Alberta		Alta.	3,022	10.0	44.7	80.7
4820	Chinook Regional Health Authority	Chinook	Alta.	151	12.7	53.4	68.8
4821	Palliser Regional Health Authority	Palliser	Alta.	96	13.7	52.0	75.1
4822	Calgary Health Region	Calgary	Alta.	1,054	9.0	40.7	92.9
4823	David Thompson Regional Health Authority	David Thompson	Alta.	292	10.9	48.3	57.4
4824	East Central Regional Health Authority	East Central	Alta.	110	15.7	57.5	46.7
4825	Capital Health Region	Capital	Alta.	939	10.3	43.9	90.4
4826	Aspen Regional Health Authority	Aspen	Alta.	177	10.2	52.4	46.6
4827	Mistahia Regional Health Authority	Mistahia	Alta.	128	7.5	47.7	55.2
59	British Columbia		B.C.	4,068	13.0	45.1	84.6
5911	East Kootenay	East Kootenay	B.C.	79	12.9	46.3	61.2
5912	Kootenay/Boundary	Kootenay/Boundary	B.C.	81	15.3	48.4	54.2
5913	Okanagan	Okanagan	B.C.	309	19.2	57.0	72.4
5914	Thompson/Cariboo	Thompson/Cariboo	B.C.	216	12.4	46.0	61.3
5921	Fraser Valley	Fraser East	B.C.	246	14.1	55.8	80.0
5922	Simon Fraser	Fraser North	B.C.	533	10.8	40.5	97.4
5923	South Fraser	Fraser South	B.C.	592	12.6	50.4	93.6
5931	Richmond	Richmond	B.C.	169	9.7	35.2	100.0
5932	Vancouver	Vancouver	B.C.	576	11.6	33.5	100.0
5933	North Shore/Coast Garibaldi	North Shore	B.C.	265	13.6	44.1	87.2
5941	South Vancouver Island	South Vancouver Island	B.C.	398	17.5	50.3	84.3
5942	Central Vancouver Island	Central Vancouver Island	B.C.	238	16.7	52.6	72.5
5951	North West	North West	B.C.	86	6.7	44.0	62.0
5952	Northern Interior	Northern Interior	B.C.	153	7.3	41.5	64.2
60	Yukon Territory		Y.T.	30	5.5	36.2	58.7
61	Northwest Territories		N.W.T.	41	4.1	45.4	58.3
62	Nunavut		Nun.	28	2.6	66.3	32.4
	Canada		Canada	30,859	12.4	46.1	79.6

These and other health status indicators are available at the regional level in the Health Indicators e-Publication at www.cihi.ca

	Self-rated Health (very good or excellent) age 12 + 2000–2001		Functional Health (very good or perfect) age 12 + 2000–2001		Body Mass Index (BMI) (higher than 27) age 20–64 2000–2001	
	Percent	95% CI	Percent	95% CI	Percent	95% CI
N.L.	66.2	(64.0–68.3)	82.6	(81.1–84.0)	42.8	(40.6–45.0)
P.E.I.	64.4	(62.4–66.4)	79.6	(77.9–81.2)	38.3	(35.7–40.8)
N.S.	59.5	(57.9–61.0)	77.4	(76.2–78.6)	38.9	(36.9–40.9)
N.B.	55.5	(53.9–57.2)	79.9	(78.4–81.3)	39.2	(37.3–41.1)
Que.	61.2	(60.2–62.1)	84.9	(84.2–85.6)	29.0	(28.0–30.0)
Ont.	63.1	(62.4–63.8)	79.1	(78.5–79.7)	32.6	(31.8–33.4)
Man.	60.4	(58.9–61.9)	79.4	(78.0–80.8)	35.7	(33.9–37.5)
Sask.	56.7	(55.3–58.2)	77.8	(76.6–79.0)	39.1	(37.6–40.6)
Alta.	61.5	(60.4–62.7)	78.7	(77.7–79.8)	33.0	(31.6–34.3)
B.C.	59.0	(58.1–59.9)	78.9	(78.2–79.7)	27.0	(26.0–27.9)
Y.T.	61.5	(58.1–64.9)	81.0	(77.9–84.2)	29.8	(26.1–33.5)
N.W.T.	54.2	(51.5–56.9)	81.3	(79.8–82.9)	41.5	(38.0–45.0)
Nun.	53.2	(50.5–56.0)	66.3	(63.3–69.2)	37.7	(34.2–41.3)
Canada	61.4	(61.0–61.8)	80.5	(80.1–80.8)	31.9	(31.4–32.3)

	Diabetes age 12 + 2000–2001		Asthma age 12 + 2000–2001		Arthritis & Rheumatism age 20–64 2000–2001	
	Percent	95% CI	Percent	95% CI	Percent	95% CI
N.L.	5.8	(4.9–6.7)	6.6	(5.7–7.5)	15.4	(14.0–16.8)
P.E.I.	5.0	(4.1–5.9)	8.5	(7.4–9.6)	18.3	(16.9–19.7)
N.S.	5.2	(4.4–5.9)	9.1	(8.2–10.1)	22.0	(20.9–23.2)
N.B.	5.1	(4.4–5.8)	8.6	(7.7–9.5)	18.0	(16.8–19.2)
Que.	4.1	(3.8–4.5)	8.7	(8.1–9.3)	11.5	(10.9–12.0)
Ont.	4.2	(4.0–4.4)	8.5	(8.1–8.8)	16.6	(16.2–17.1)
Man.	4.0	(3.4–4.6)	8.5	(7.5–9.5)	16.5	(15.4–17.5)
Sask.	4.0	(3.5–4.5)	7.5	(6.7–8.2)	18.5	(17.5–19.5)
Alta.	3.4	(3.0–3.8)	8.9	(8.2–9.6)	15.9	(15.1–16.7)
B.C.	3.9	(3.6–4.2)	7.6	(7.1–8.1)	14.5	(13.9–15.0)
Y.T.	3.2 [†]	(2.0–4.4)	9.2	(6.8–11.7)	14.7	(12.4–17.0)
N.W.T.	2.8	(1.9–3.6)	8.4 [†]	(5.6–11.2)	10.8	(9.7–11.9)
Nun.	1.9 [†]	(1.1–2.6)	3.6	(3.1–4.1)	5.9	(4.5–7.3)
Canada	4.1	(4.0–4.3)	8.4	(8.2–8.6)	15.2	(15.0–15.5)

	Disability-Free Life Expectancy—1996 † (at birth)		Potential Years of Life Lost (PYLL)—1999 per 100,000 population aged 0 to 74					
	Years	95%CI	All Stroke	AMI	Unintentional Injuries	Prostate Cancer	Breast Cancer	Lung Cancer
N.L.	68.1	(67.9–68.3)	148.4	389.3	582.0	65.1	348.1	470.6
P.E.I.	67.6	(67.1–68.0)	108.5	284.8	837.0	46.6	464.2	496.0
N.S.	65.5	(65.3–65.7)	128.3	336.0	645.6	73.9	405.1	534.6
N.B.	66.6	(66.4–66.8)	120.2	392.0	962.7	44.2	318.2	490.3
Que.	70.2	(70.1–70.2)	130.1	442.1	673.5	56.4	364.1	579.4
Ont.	68.0	(67.9–68.0)	117.7	280.6	520.3	53.6	337.8	352.6
Man.	67.9	(67.8–68.1)	140.1	274.6	961.2	59.9	364.2	390.6
Sask.	68.3	(68.1–68.4)	134.5	273.2	1053.7	80.2	299.7	399.3
Alta.	68.0	(67.9–68.1)	104.1	200.1	924.7	48.4	288.7	300.8
B.C.	68.9	(68.8–69.0)	128.6	242.5	919.6	56.1	317.0	360.0
Y.T.	66.9	(65.7–68.1)	204.9	90.2	2350.7	15.8	408.6	237.7
N.W.T.	67.0	(65.8–68.2)	61.9	191.7	1866.7	11.9	179.6	222.7
Nun.	62.9	(61.3–64.4)	196.9	28.1	2827.8	0.0	177.4	703.2
Canada	68.6	(68.5–68.6)	123.1	312.1	706.6	55.6	338.5	417.9

† The reference period associated with these data reflects the mid-point of a three year period.

These and other indicators reflecting non-medical determinants of health are available at the regional level in the Health Indicators e-Publication at www.cihi.ca

	Smoking Status (daily or occasional smoker) age 12 + 2000–2001		Exposure to Second-hand Smoke (in last month) age 12 + 2000–2001		Frequency of Heavy Drinking age 12 + 2000–2001	
	Percent	95% CI	Percent	95% CI	Percent	95% CI
N.L.	29.0	(27.1–30.8)	32.0	(29.5–34.4)	29.1	(27.0–31.3)
P.E.I.	27.9	(25.7–30.0)	29.3	(26.6–32.0)	23.1	(20.9–25.3)
N.S.	28.2	(26.6–29.9)	32.2	(30.4–34.0)	26.0	(24.3–27.7)
N.B.	26.3	(24.8–27.9)	30.9	(29.1–32.7)	22.5	(20.8–24.2)
Que.	29.5	(28.6–30.3)	34.4	(33.2–35.5)	18.0	(17.2–18.8)
Ont.	24.5	(23.8–25.1)	24.9	(24.2–25.7)	19.3	(18.7–19.9)
Man.	25.0	(23.5–26.5)	28.5	(26.7–30.2)	22.9	(21.3–24.5)
Sask.	27.6	(26.3–28.9)	30.7	(29.0–32.3)	24.0	(22.6–25.5)
Alta.	27.6	(26.4–28.7)	29.7	(28.2–31.2)	22.5	(21.4–23.5)
B.C.	20.5	(19.7–21.3)	19.8	(18.9–20.7)	19.5	(18.7–20.2)
Y.T.	33.4	(29.4–37.5)	28.4	(23.1–33.6)	29.6	(24.6–34.6)
N.W.T.	46.3	(43.5–49.1)	40.2	(36.7–43.8)	40.5	(37.8–43.2)
Nun.	56.0	(52.1–59.9)	29.3	(24.6–34.1)	30.1	(27.1–33.1)
Canada	25.9	(25.5–26.3)	27.6	(27.2–28.1)	20.1	(19.7–20.4)

	Dietary Practices (fruits & vegetables 5+ /day) age 12 + 2000–2001		Leisure-time Physical Activity (active/moderately active) age 12 + 2000–2001		Life Stress (quite a lot) age 18 + 2000–2001	
	Percent	95% CI	Percent	95% CI	Percent	95% CI
N.L.	29.5	(27.3–31.6)	38.1	(36.1–40.2)	15.4	(14.0–16.7)
P.E.I.	34.2	(32.2–36.2)	40.3	(38.1–42.5)	17.9	(16.0–19.7)
N.S.	32.7	(30.9–34.4)	42.5	(40.8–44.2)	22.5	(21.0–24.0)
N.B.	31.2	(29.7–32.6)	34.5	(32.8–36.2)	23.0	(21.5–24.4)
Que.	42.0	(41.1–43.0)	38.7	(37.7–39.6)	30.0	(29.2–30.9)
Ont.	37.5	(36.7–38.3)	42.6	(41.8–43.3)	25.7	(25.1–26.4)
Man.	30.4	(29.0–31.8)	38.7	(37.0–40.3)	24.7	(23.2–26.2)
Sask.	29.3	(28.0–30.7)	44.1	(42.6–45.7)	25.0	(23.7–26.4)
Alta.	32.6	(31.6–33.7)	47.9	(46.6–49.3)	26.0	(24.9–27.1)
B.C.	37.7	(36.7–38.6)	49.0	(48.0–50.0)	23.6	(22.7–24.5)
Y.T.	37.8	(33.7–41.9)	57.8	(53.3–62.4)	19.9	(16.6–23.1)
N.W.T.	25.3	(22.5–28.0)	38.4	(36.1–40.7)	23.5	(20.9–26.0)
Nun.	30.8	(26.9–34.7)	42.9	(39.6–46.2)	13.8	(11.4–16.3)
Canada	37.2	(36.7–37.6)	42.6	(42.2–43.1)	26.1	(25.7–26.5)

	Unemployment Rate † age 15 + 2001	Youth Unemployment Rate † age 15–24 2001	Crime Rate (total, excluding traffic) 2001
	Percent	Percent	Rate/100,000
N.L.	16.1	24.7	5,635
P.E.I.	11.9	16.3	6,773
N.S.	9.7	17.7	7,637
N.B.	11.2	17.2	6,479
Que.	8.7	13.6	5,869
Ont.	6.3	12.5	6,509
Man.	5.0	9.7	11,365
Sask.	5.8	11.5	13,458
Alta.	4.6	9.1	9,050
B.C.	7.7	13.6	11,430
Y.T.	..	..	24,865
N.W.T.	..	..	30,149
Nun.	..	..	24,958
Canada	7.2	12.8	7,747

† Labour Force Survey excludes residents of Indian Reserves, the Yukon, Northwest Territories and Nunavut, inmates of institutions and full-time members of the Armed Forces.

Map Code	Region	Caesarean Sections		Vaginal Birth After Caesarean	
		% of deliveries—2000—2001 Percent	95% CI	% of previous C-sections—2000—2001 Percent	95% CI
N.L.		25.5	(24.2–26.7)	12.9	(9.8–16.0)
1001	St. John's area	25.9	(23.8–28.0)	19.5	(13.6–25.5)
1002	Eastern, N.L.	30.8	(27.8–33.8)	12.2	(5.8–18.7)
1003	Central, N.L.	24.0	(21.2–26.8)	6.5	(1.5–11.6)
1004	Western, N.L.	21.1	(17.9–24.3)	11.8	(2.9–20.6)
P.E.I.		24.8	(22.5–27.1)	27.4	(20.4–34.4)
N.S.		23.5	(22.7–24.4)	32.2	(29.2–35.2)
1201	Zone 1, N.S.	22.5	(20.0–25.0)	25.0	(15.7–34.3)
1202	Zone 2, N.S.	18.6	(15.9–21.4)	28.1	(17.1–39.1)
1203	Zone 3, N.S.	25.8	(23.1–28.5)	33.3	(25.2–41.5)
1204	Zone 4, N.S.	26.6	(23.6–29.5)	18.5	(11.2–25.8)
1205	Zone 5, N.S.	21.6	(19.1–24.0)	39.0	(30.4–47.6)
1206	Zone 6, N.S.	24.1	(22.8–25.4)	35.9	(31.3–40.5)
N.B.		26.0	(25.0–27.0)	21.2	(18.3–24.1)
1301	Region 1, N.B. (Moncton area)	24.4	(22.3–26.4)	19.7	(13.4–26.1)
1302	Region 2, N.B. (Saint John area)	25.0	(23.0–27.0)	34.0	(27.5–40.4)
1303	Region 3, N.B. (Fredericton area)	25.7	(23.7–27.7)	18.7	(13.4–24.1)
1306	Region 6, N.B. (Bathurst area)	26.8	(23.6–30.1)	20.6	(10.6–30.6)
Que.		18.7	(18.4–19.0)	34.4	(33.2–35.6)
2401	Bas-Saint-Laurent	20.7	(18.7–22.7)	29.2	(21.6–36.8)
2402	Saguenay—Lac-Saint-Jean	16.6	(15.1–18.1)	40.4	(33.7–47.1)
2403	Région de Québec	17.9	(16.9–19.0)	37.5	(32.7–42.3)
2404	Mauricie et Centre-du-Québec	17.3	(16.2–18.5)	31.1	(26.0–36.2)
2405	Estrie	13.0	(11.7–14.3)	47.3	(39.8–54.9)
2406	Montréal-Centre	20.5	(19.9–21.1)	31.1	(29.0–33.2)
2407	Outaouais	20.3	(18.8–21.7)	29.7	(24.4–35.0)
2408	Abitibi-Témiscamingue	16.3	(14.4–18.2)	54.7	(46.4–63.1)
2409	Côte-Nord	22.3	(19.7–24.9)	29.8	(20.0–39.5)
2411	Gaspésie-Îles-de-la-Madeleine	21.0	(18.0–24.0)	26.6	(15.7–37.4)
2412	Chaudière-Appalaches	20.3	(19.0–21.7)	30.9	(25.7–36.0)
2413	Laval	18.4	(17.0–19.7)	29.9	(24.5–35.2)
2414	Lanaudière	18.3	(17.0–19.6)	39.8	(34.3–45.3)
2415	Laurentides	16.6	(15.5–17.6)	35.9	(30.9–40.9)
2416	Montérégie	18.4	(17.8–19.1)	35.9	(33.1–38.7)
Ont.		21.9	(21.7–22.2)	27.8	(27.0–28.5)
3501	Champlain (Ottawa area)	20.6	(19.9–21.4)	32.8	(29.9–35.6)
3502	Quinte Kingston Rideau	22.9	(21.6–24.1)	24.6	(20.9–28.3)
3503	Durham, Hal., Kawartha & Pine Ridge	25.6	(24.7–26.6)	23.6	(20.8–26.3)
3504	Toronto	22.8	(22.3–23.3)	26.5	(25.0–28.1)
3505	Simcoe York	23.1	(22.4–23.9)	23.2	(20.9–25.4)
3506	Halton-Peel	21.8	(21.2–22.4)	27.5	(25.4–29.5)
3507	Waterloo-Wellington-Dufferin	20.0	(19.1–20.9)	27.8	(24.6–31.1)
3508	Hamilton	20.9	(19.9–22.0)	36.3	(32.2–40.3)
3509	Niagara	21.8	(20.5–23.1)	22.3	(18.3–26.3)
3510	Grand River (Brantford area)	19.2	(17.6–20.8)	33.2	(27.1–39.2)
3511	Thames Valley (London area)	16.7	(15.8–17.7)	42.8	(38.6–47.0)
3512	Essex Kent Lambton (Windsor area)	20.6	(19.7–21.6)	33.0	(29.4–36.7)
3513	Grey Bruce Huron & Perth	20.9	(19.4–22.5)	29.4	(24.2–34.5)
3514	Muskoka Nipissing P Sound Tim	27.7	(25.7–29.8)	16.0	(11.0–21.0)
3515	ACMS (Sudbury area)	24.6	(23.2–26.0)	14.7	(10.8–18.5)
3516	Northwestern Ontario	19.4	(17.9–20.9)	35.4	(30.0–40.7)
Man.		18.7	(18.0–19.4)	32.7	(30.3–35.2)
4610	Winnipeg	18.8	(17.9–19.7)	33.7	(30.2–37.1)
4630	Interlake	18.4	(15.7–21.1)	32.5	(22.2–42.8)
4640	Central	19.0	(16.9–21.1)	27.3	(20.5–34.1)
Sask.		18.4	(17.7–19.1)	38.3	(35.6–41.0)
4704	Regina	17.2	(15.8–18.7)	37.5	(31.8–43.2)
4706	Saskatoon	19.1	(17.8–20.5)	40.9	(35.6–46.2)
4709	Prince Albert	12.0	(9.9–14.0)	61.4	(51.2–71.5)
Alta.		21.1	(20.7–21.5)	33.2	(31.7–34.7)
4820	Chinook	20.6	(18.8–22.4)	33.2	(26.5–39.8)
4821	Palliser	18.0	(15.8–20.1)	36.7	(26.7–46.6)
4822	Calgary	21.8	(21.1–22.6)	34.7	(32.1–37.4)
4823	David Thompson	21.6	(20.3–23.0)	31.0	(26.6–35.5)
4824	East Central	21.9	(19.4–24.3)	31.0	(23.5–38.6)
4825	Capital	20.8	(20.1–21.6)	33.0	(30.2–35.9)
4826	Aspen	21.4	(19.7–23.0)	31.4	(25.4–37.5)
4827	Mistahia	21.1	(19.2–23.0)	26.0	(19.9–32.1)
B.C.		24.7	(24.2–25.1)	26.6	(25.3–27.8)
5911	East Kootenay	21.7	(18.6–24.8)	16.1	(7.0–25.3)
5912	Kootenay/Boundary	20.4	(17.1–23.7)	26.2	(15.2–37.3)
5913	Okanagan	23.8	(22.2–25.5)	25.7	(20.9–30.5)
5914	Thompson/Cariboo	27.5	(25.5–29.6)	26.6	(21.1–32.2)
5921	Fraser East	24.2	(22.6–25.8)	20.9	(16.7–25.0)
5922	Fraser North	24.3	(23.2–25.5)	25.5	(22.0–29.1)
5923	Fraser South	24.3	(23.3–25.4)	29.9	(26.9–32.9)
5931	Richmond	26.8	(24.6–29.0)	23.0	(17.0–29.0)
5932	Vancouver	25.3	(24.2–26.5)	29.0	(25.4–32.7)
5933	North Shore	25.5	(23.8–27.3)	24.4	(19.1–29.7)
5941	South Vancouver Island	25.4	(23.9–26.9)	28.6	(24.2–32.9)
5942	Central Vancouver Island	24.3	(22.3–26.3)	25.8	(19.6–32.0)
5951	North West	24.8	(22.2–27.4)	29.2	(21.0–37.3)
5952	Northern Interior	22.9	(20.8–24.9)	25.4	(19.2–31.6)
Y.T.		19.4	(15.2–23.5)	42.1	(26.4–57.8)
N.W.T.		17.1	(14.2–20.1)	37.5	(23.8–51.2)
Nun.		8.7	(6.3–11.1)	37.5	(13.8–61.2)
Canada		21.4	(21.2–21.5)	29.9	(29.4–30.4)

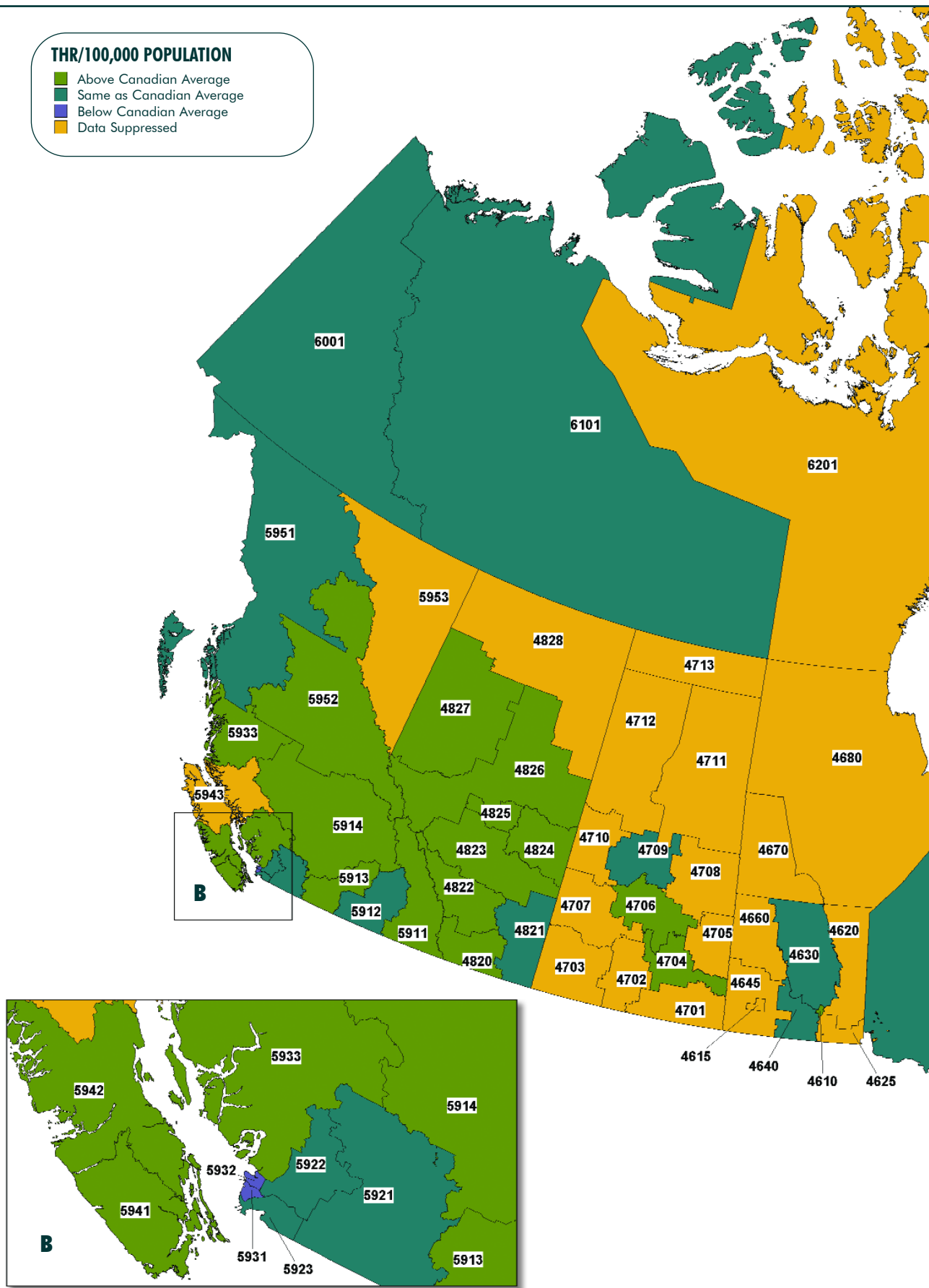
Map Code	Region	30 Day Acute Myocardial Infarction In-hospital Mortality Rate 1998–1999 to 2000–2001		30 Day Stroke In-hospital Mortality Rate 1998–1999 to 2000–2001	
		Percent	95% CI	Percent	95% CI
N.L.		..	.. ..	*23.6	(21.8–25.5)
1001	St. John's area	..	.. ..	20.9	(17.4–24.5)
1002	Eastern, N.L.	..	.. ..	*31.3	(27.4–35.2)
1003	Central, N.L.	..	.. ..	*23.4	(19.4–27.3)
1004	Western, N.L.	..	.. ..	17.7	(13.3–22.0)
P.E.I.		12.3	(10.2–14.4)	19.1	(15.8–22.4)
N.S.		*13.4	(12.4–14.3)	*25.2	(23.8–26.6)
1201	Zone 1, N.S.	13.9	(11.5–16.3)	*27.5	(24.1–30.9)
1202	Zone 2, N.S.	14.5	(11.3–17.8)	20.5	(16.1–24.9)
1203	Zone 3, N.S.	13.6	(10.9–16.3)	*26.1	(22.0–30.1)
1204	Zone 4, N.S.	15.2	(12.1–18.2)	*27.2	(23.4–31.0)
1205	Zone 5, N.S.	*15.4	(13.3–17.5)	*22.8	(19.6–26.0)
1206	Zone 6, N.S.	11.0	(9.4–12.5)	*25.9	(23.3–28.6)
N.B.		12.3	(11.3–13.3)	*21.0	(19.5–22.5)
1301	Region 1, N.B. (Moncton area)	11.6	(9.6–13.5)	21.1	(18.1–24.1)
1302	Region 2, N.B. (Saint John area)	11.1	(9.0–13.2)	18.8	(15.6–22.0)
1303	Region 3, N.B. (Fredericton area)	12.3	(10.1–14.4)	22.2	(18.8–25.6)
1306	Region 6, N.B. (Bathurst area)	14.0	(11.1–16.9)	17.7	(13.3–22.1)
Que.		..	.. ..	..	.. ..
2401	Bas-Saint-Laurent	..	.. ..	..	.. ..
2402	Saguenay—Lac-Saint-Jean	..	.. ..	..	.. ..
2403	Région de Québec	..	.. ..	..	.. ..
2404	Mauricie et Centre-du-Québec	..	.. ..	..	.. ..
2405	Estrie	..	.. ..	..	.. ..
2406	Montréal-Centre	..	.. ..	..	.. ..
2407	Outaouais	..	.. ..	..	.. ..
2408	Abitibi-Témiscamingue	..	.. ..	..	.. ..
2409	Côte-Nord	..	.. ..	..	.. ..
2411	Gaspésie-Îles-de-la-Madeleine	..	.. ..	..	.. ..
2412	Chaudière-Appalaches	..	.. ..	..	.. ..
2413	Laval	..	.. ..	..	.. ..
2414	Lanaudière	..	.. ..	..	.. ..
2415	Laurentides	..	.. ..	..	.. ..
2416	Montérégie	..	.. ..	..	.. ..
Ont.		*12.4	(12.2–12.7)	18.6	(18.3–19.0)
3501	Champlain (Ottawa area)	12.3	(11.4–13.2)	18.4	(17.2–19.7)
3502	Quinte Kingston Rideau	12.5	(11.4–13.6)	*20.7	(19.0–22.4)
3503	Durham, Hal., Kawartha & Pine Ridge	13.0	(12.0–14.0)	18.5	(17.0–19.9)
3504	Toronto	*11.5	(11.0–12.0)	*18.1	(17.3–18.8)
3505	Simcoe York	13.0	(12.0–14.0)	18.6	(17.2–19.9)
3506	Halton-Peel	11.3	(10.3–12.2)	*17.0	(15.7–18.3)
3507	Waterloo-Wellington-Dufferin	11.8	(10.6–13.0)	18.7	(17.0–20.3)
3508	Hamilton	*11.0	(10.0–12.1)	19.0	(17.3–20.7)
3509	Niagara	*13.4	(12.3–14.5)	19.1	(17.4–20.8)
3510	Grand River (Brantford area)	*14.3	(12.7–15.8)	21.0	(18.5–23.4)
3511	Thames Valley (London area)	12.2	(11.2–13.3)	19.4	(17.7–21.1)
3512	Essex Kent Lambton (Windsor area)	*14.1	(13.1–15.2)	18.4	(16.9–19.8)
3513	Grey Bruce Huron & Perth	13.2	(11.7–14.6)	*15.9	(13.9–18.0)
3514	Muskoka Nipissing P Sound Tim	*15.5	(13.8–17.2)	21.2	(18.8–23.7)
3515	ACMS (Sudbury area)	13.1	(11.9–14.3)	20.7	(18.8–22.6)
3516	Northwestern Ontario	12.7	(11.1–14.4)	17.3	(14.9–19.7)
Man.		11.5	(10.7–12.3)	*20.5	(19.3–21.6)
4610	Winnipeg	*10.8	(9.8–11.8)	20.0	(18.5–21.5)
4630	Interlake	11.4	(8.2–14.6)	22.2	(18.0–26.5)
4640	Central	13.6	(10.8–16.5)	20.3	(16.3–24.2)
Sask.		12.5	(11.6–13.3)	*17.4	(16.2–18.6)
4704	Regina	12.8	(11.1–14.6)	*15.6	(12.9–18.4)
4706	Saskatoon	11.1	(9.3–12.9)	*16.3	(14.0–18.5)
4709	Prince Albert	12.5	(9.0–15.9)	18.8	(14.2–23.3)
Alta.		*9.9	(9.3–10.5)	*16.2	(15.4–17.0)
4820	Chinook	11.1	(8.7–13.4)	19.1	(15.6–22.6)
4821	Palliser	*8.2	(5.3–11.0)	17.4	(13.7–21.1)
4822	Calgary	*9.1	(8.1–10.2)	*15.9	(14.3–17.5)
4823	David Thompson	*9.3	(7.5–11.1)	20.2	(17.7–22.6)
4824	East Central	12.3	(9.8–14.7)	*14.8	(11.4–18.1)
4825	Capital	*9.4	(8.3–10.5)	*14.7	(13.2–16.1)
4826	Aspen	12.1	(9.3–14.9)	17.9	(14.3–21.6)
4827	Mistahia	13.9	(10.1–17.6)	15.3	(10.8–19.9)
B.C.		..	.. ..	..	.. ..
5911	East Kootenay	..	.. ..	..	.. ..
5912	Kootenay/Boundary	..	.. ..	..	.. ..
5913	Okanagan	..	.. ..	..	.. ..
5914	Thompson/Cariboo	..	.. ..	..	.. ..
5921	Fraser East	..	.. ..	..	.. ..
5922	Fraser North	..	.. ..	..	.. ..
5923	Fraser South	..	.. ..	..	.. ..
5931	Richmond	..	.. ..	..	.. ..
5932	Vancouver	..	.. ..	..	.. ..
5933	North Shore	..	.. ..	..	.. ..
5941	South Vancouver Island	..	.. ..	..	.. ..
5942	Central Vancouver Island	..	.. ..	..	.. ..
5951	North West	..	.. ..	..	.. ..
5952	Northern Interior	..	.. ..	..	.. ..
Y.T.		*	–	*	–
N.W.T.		*	–	*	–
Nun.		*	–	*	–
Canada		12.1		18.9	

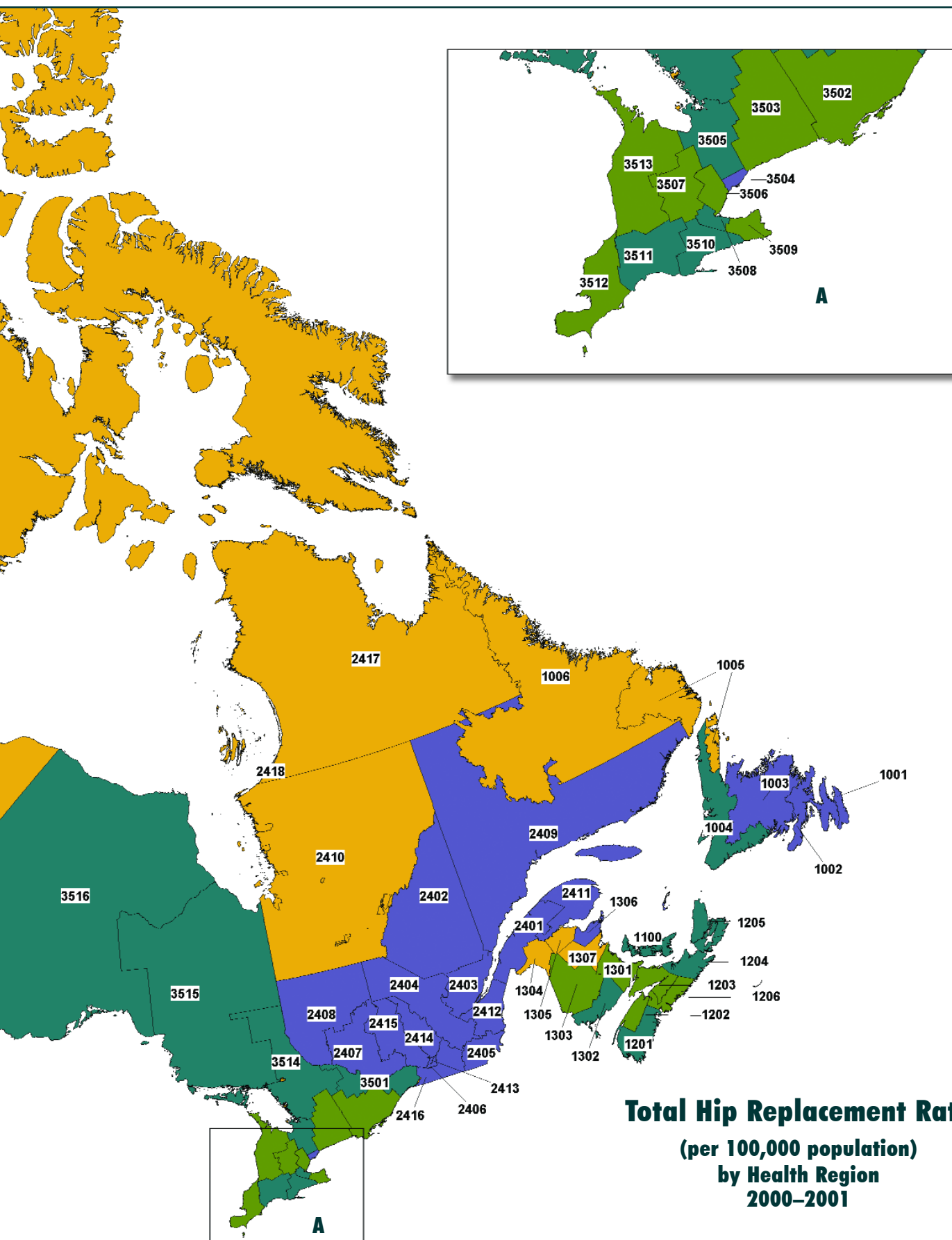
Map Code	Region	Asthma Readmission Rate 1998–1999 to 2000–2001		Pneumonia Readmission Rate 1998–1999 to 2000–2001		Acute Myocardial Infarction Readmission Rate 1998–1999 to 2000–2001	
		Percent	95% CI	Percent	95% CI	Percent	95% CI
N.L.		4.9	(3.5–6.3)	3.4	(2.7–4.2)	**	** **
1001	St. John's area	4.6	(2.1–7.1)	3.8	(2.3–5.2)	**	** **
1002	Eastern, N.L.	4.3	(1.5–7.0)	3.7	(2.2–5.1)	**	** **
1003	Central, N.L.	*	–	2.6	(0.9–4.3)	**	** **
1004	Western, N.L.	8.4	(5.1–11.7)	3.8	(2.1–5.5)	**	** **
P.E.I.		5.7	(3.9–7.5)	3.8	(2.5–5.1)	+10.8	(9.0–12.6)
N.S.		5.4	(4.2–6.6)	3.5	(3.0–4.1)	7.0	(6.2–7.8)
1201	Zone 1, N.S.	4.6	(1.7–7.6)	4.3	(3.0–5.6)	+8.7	(6.8–10.6)
1202	Zone 2, N.S.	*	–	4.4	(2.8–5.9)	+13.9	(11.1–16.7)
1203	Zone 3, N.S.	4.9	(0.3–9.5)	3.4	(2.0–4.9)	6.7	(4.2–9.1)
1204	Zone 4, N.S.	4.4	(1.2–7.6)	3.6	(2.2–5.0)	7.6	(5.0–10.2)
1205	Zone 5, N.S.	5.7	(2.5–8.9)	3.0	(1.7–4.2)	+8.6	(6.9–10.3)
1206	Zone 6, N.S.	6.1	(4.2–8.0)	3.3	(2.3–4.3)	+3.3	(1.9–4.7)
N.B.		5.1	(4.1–6.1)	2.8	(2.3–3.3)	+8.6	(7.8–9.4)
1301	Region 1, N.B. (Moncton area)	4.9	(2.6–7.1)	2.9	(1.8–4.1)	6.4	(4.7–8.2)
1302	Region 2, N.B. (Saint John area)	4.4	(1.3–7.4)	+1.7	(0.6–2.9)	+4.5	(2.7–6.2)
1303	Region 3, N.B. (Fredericton area)	4.7	(2.6–6.9)	+2.1	(1.1–3.1)	+10.4	(8.7–12.2)
1306	Region 6, N.B. (Bathurst area)	+3.3	(0.9–5.6)	3.5	(2.0–5.0)	+10.4	(7.8–13.0)
Que.		**	** **	**	** **	**	** **
2401	Bas-Saint-Laurent	**	** **	**	** **	**	** **
2402	Saguenay—Lac-Saint-Jean	**	** **	**	** **	**	** **
2403	Région de Québec	**	** **	**	** **	**	** **
2404	Mauricie et Centre-du-Québec	**	** **	**	** **	**	** **
2405	Estrie	**	** **	**	** **	**	** **
2406	Montréal-Centre	**	** **	**	** **	**	** **
2407	Outaouais	**	** **	**	** **	**	** **
2408	Abitibi-Témiscamingue	**	** **	**	** **	**	** **
2409	Côte-Nord	**	** **	**	** **	**	** **
2411	Gaspésie-Îles-de-la-Madeleine	**	** **	**	** **	**	** **
2412	Chaudière-Appalaches	**	** **	**	** **	**	** **
2413	Laval	**	** **	**	** **	**	** **
2414	Lanaudière	**	** **	**	** **	**	** **
2415	Laurentides	**	** **	**	** **	**	** **
2416	Montérégie	**	** **	**	** **	**	** **
Ont.		5.7	(5.3–6.0)	3.1	(2.9–3.2)	6.9	(6.6–7.1)
3501	Champlain (Ottawa area)	5.6	(4.2–7.0)	2.9	(2.3–3.5)	+5.5	(4.7–6.3)
3502	Quinte Kingston Rideau	4.7	(2.8–6.6)	3.1	(2.4–3.8)	+7.9	(6.9–8.9)
3503	Durham, Hal., Kawartha & Pine Ridge	6.0	(4.5–7.5)	3.5	(2.9–4.1)	+8.1	(7.3–9.0)
3504	Toronto	5.8	(5.0–6.7)	3.3	(2.9–3.7)	+5.4	(4.8–5.9)
3505	Simcoe York	5.1	(3.8–6.4)	3.1	(2.5–3.8)	6.8	(5.9–7.7)
3506	Halton-Peel	5.4	(4.2–6.6)	2.6	(2.0–3.3)	+4.8	(4.0–5.6)
3507	Waterloo-Wellington-Dufferin	5.2	(3.6–6.8)	2.9	(2.2–3.7)	7.6	(6.6–8.6)
3508	Hamilton	+3.1	(0.7–5.4)	3.5	(2.7–4.3)	+5.1	(4.1–6.2)
3509	Niagara	+8.6	(7.1–10.2)	2.6	(1.7–3.5)	7.4	(6.4–8.5)
3510	Grand River (Brantford area)	5.7	(3.1–8.2)	+1.7	(0.6–2.8)	+8.8	(7.4–10.2)
3511	Thames Valley (London area)	4.9	(2.9–7.0)	2.6	(1.8–3.5)	6.3	(5.4–7.3)
3512	Essex Kent Lambton (Windsor area)	4.7	(2.9–6.5)	3.0	(2.3–3.8)	+8.9	(8.0–9.8)
3513	Grey Bruce Huron & Perth	5.9	(3.9–7.9)	2.5	(1.6–3.4)	+8.2	(7.0–9.5)
3514	Muskoka Nipissing P Sound Tim	5.7	(3.4–7.9)	3.7	(2.8–4.6)	+11.6	(10.2–13.0)
3515	ACMS (Sudbury area)	6.3	(4.8–7.7)	3.2	(2.4–3.9)	+8.6	(7.6–9.6)
3516	Northwestern Ontario	6.6	(4.4–8.8)	3.2	(2.3–4.2)	+9.1	(7.6–10.5)
Man.		**	** **	**	** **	**	** **
4610	Winnipeg	**	** **	**	** **	**	** **
4630	Interlake	**	** **	**	** **	**	** **
4640	Central	**	** **	**	** **	**	** **
Sask.		5.9	(4.9–6.9)	3.5	(3.1–4.0)	5.9	(5.1–6.7)
4704	Regina	5.2	(3.4–7.0)	2.8	(1.8–3.8)	+3.9	(2.1–5.7)
4706	Saskatoon	6.9	(4.5–9.3)	3.4	(2.3–4.5)	5.6	(4.0–7.2)
4709	Prince Albert	9.7	(5.4–14.0)	2.7	(1.1–4.4)	6.3	(3.2–9.4)
Alta.		5.7	(5.1–6.4)	3.4	(3.1–3.8)	+5.3	(4.7–5.8)
4820	Chinook	3.2	(0.3–6.2)	2.9	(1.7–4.1)	6.9	(4.7–9.1)
4821	Palliser	*	–	4.1	(2.6–5.6)	+11.1	(8.5–13.8)
4822	Calgary	5.6	(4.3–7.0)	3.4	(2.7–4.0)	+3.4	(2.4–4.5)
4823	David Thompson	5.8	(4.3–7.3)	3.9	(3.0–4.7)	8.1	(6.5–9.7)
4824	East Central	7.5	(5.2–9.8)	2.8	(1.6–4.0)	+10.1	(7.7–12.5)
4825	Capital	5.9	(4.4–7.3)	3.2	(2.6–3.9)	+2.4	(1.3–3.6)
4826	Aspen	6.6	(5.0–8.2)	3.4	(2.3–4.4)	7.0	(4.7–9.2)
4827	Mistahia	5.9	(3.5–8.4)	3.8	(2.5–5.1)	8.6	(5.7–11.5)
B.C.		+7.1	(6.5–7.8)	3.2	(2.9–3.5)	6.6	(6.2–7.1)
5911	East Kootenay	5.2	(0.5–9.8)	3.0	(1.2–4.8)	7.6	(4.8–10.5)
5912	Kootenay/Boundary	4.7	(0.3–9.2)	2.1	(0.2–4.0)	8.7	(5.8–11.5)
5913	Okanagan	+10.2	(8.3–12.2)	2.7	(1.8–3.6)	+5.1	(3.6–6.6)
5914	Thompson/Cariboo	4.3	(2.6–6.7)	3.6	(2.5–4.6)	8.0	(6.2–9.8)
5921	Fraser East	+8.6	(6.6–10.5)	2.8	(1.8–3.8)	7.1	(5.4–8.7)
5922	Fraser North	6.5	(4.5–8.4)	3.2	(2.2–4.1)	+3.2	(1.7–4.7)
5923	Fraser South	+9.0	(7.4–10.6)	3.5	(2.7–4.3)	6.8	(5.5–8.0)
5931	Richmond	8.0	(4.1–12.0)	3.1	(1.4–4.8)	+3.1	(0.5–5.7)
5932	Vancouver	+7.8	(6.0–9.7)	+4.1	(3.3–5.0)	+3.9	(2.4–5.5)
5933	North Shore	4.8	(2.3–7.3)	3.4	(2.3–4.6)	6.4	(4.5–8.3)
5941	South Vancouver Island	5.9	(4.0–7.8)	2.3	(1.4–3.2)	+4.9	(3.5–6.4)
5942	Central Vancouver Island	6.9	(4.7–9.1)	3.4	(2.3–4.5)	+11.6	(10.0–13.1)
5951	North West	6.8	(2.8–10.7)	2.8	(1.2–4.5)	+11.2	(7.8–14.6)
5952	Northern Interior	5.1	(1.5–8.8)	2.7	(1.4–4.0)	+9.8	(7.4–12.2)
Y.T.		*	–	*	–	*	–
N.W.T.		6.8	(2.3–11.3)	*	–	*	–
Nun.		*	–	*	–	*	–
Canada		5.9		3.2		6.7	

Map Code	Region	Hysterectomy Readmission Rate 1998–1999 to 2000–2001		Prostatectomy Readmission Rate 1998–1999 to 2000–2001	
		Percent	95% CI	Percent	95% CI
N.L.		0.9	(0.6–1.2)	2.8	(1.7–3.9)
1001	St. John's area	0.8	(0.2–1.4)	*	–
1002	Eastern, N.L.	1.3	(0.7–1.9)	*	–
1003	Central, N.L.	*	–	*	–
1004	Western, N.L.	0.9	(0.3–1.6)	*	–
P.E.I.		1.2	(0.5–1.8)	*	–
N.S.		0.9	(0.6–1.1)	2.5	(1.8–3.2)
1201	Zone 1, N.S.	*	–	*	–
1202	Zone 2, N.S.	0.8	(0.0–1.6)	3.0	(0.2–5.8)
1203	Zone 3, N.S.	*	–	2.7	(0.4–5.0)
1204	Zone 4, N.S.	1.4	(0.7–2.2)	*	–
1205	Zone 5, N.S.	*	–	2.3	(0.5–4.0)
1206	Zone 6, N.S.	†1.3	(0.9–1.7)	†3.8	(2.6–5.0)
N.B.		0.8	(0.6–1.0)	2.6	(1.8–3.3)
1301	Region 1, N.B. (Moncton area)	0.8	(0.3–1.3)	2.7	(0.8–4.6)
1302	Region 2, N.B. (Saint John area)	*	–	2.5	(1.2–3.8)
1303	Region 3, N.B. (Fredericton area)	0.9	(0.3–1.5)	3.3	(1.4–5.2)
1306	Region 6, N.B. (Bathurst area)	*	–	*	–
Que.		**	** **	**	** **
2401	Bas-Saint-Laurent	**	** **	**	** **
2402	Saguenay—Lac-Saint-Jean	**	** **	**	** **
2403	Région de Québec	**	** **	**	** **
2404	Mauricie et Centre-du-Québec	**	** **	**	** **
2405	Estrie	**	** **	**	** **
2406	Montréal-Centre	**	** **	**	** **
2407	Outaouais	**	** **	**	** **
2408	Abitibi-Témiscamingue	**	** **	**	** **
2409	Côte-Nord	**	** **	**	** **
2411	Gaspésie-Îles-de-la-Madeleine	**	** **	**	** **
2412	Chaudière-Appalaches	**	** **	**	** **
2413	Laval	**	** **	**	** **
2414	Lanaudière	**	** **	**	** **
2415	Laurentides	**	** **	**	** **
2416	Montérégie	**	** **	**	** **
Ont.		†0.7	(0.7–0.8)	2.0	(1.8–2.3)
3501	Champlain (Ottawa area)	1.0	(0.8–1.3)	2.4	(1.5–3.2)
3502	Quinte Kingston Rideau	†1.3	(1.0–1.7)	2.9	(1.8–4.0)
3503	Durham, Hal., Kawartha & Pine Ridge	0.8	(0.5–1.0)	†1.3	(0.6–2.0)
3504	Toronto	†0.6	(0.4–0.8)	2.1	(1.7–2.6)
3505	Simcoe York	0.6	(0.3–0.9)	1.7	(1.0–2.4)
3506	Halton-Peel	0.8	(0.5–1.1)	2.6	(1.8–3.4)
3507	Waterloo-Wellington-Dufferin	0.7	(0.4–1.1)	1.5	(0.6–2.4)
3508	Hamilton	0.8	(0.4–1.2)	1.7	(0.7–2.7)
3509	Niagara	0.8	(0.4–1.2)	1.8	(0.9–2.8)
3510	Grand River (Brantford area)	*	–	1.6	(0.3–3.0)
3511	Thames Valley (London area)	0.6	(0.2–0.9)	3.2	(2.1–4.3)
3512	Essex Kent Lambton (Windsor area)	0.6	(0.3–0.9)	*	–
3513	Grey Bruce Huron & Perth	1.2	(0.7–1.8)	1.5	(0.2–2.9)
3514	Muskoka Nipissing P Sound Tim	*	–	3.2	(1.7–4.6)
3515	ACMS (Sudbury area)	0.7	(0.3–1.0)	2.3	(1.1–3.5)
3516	Northwestern Ontario	0.9	(0.3–1.4)	†4.3	(2.9–5.7)
Man.		**	** **	**	** **
4610	Winnipeg	**	** **	**	** **
4630	Interlake	**	** **	**	** **
4640	Central	**	** **	**	** **
Sask.		†1.1	(0.9–1.4)	2.5	(1.9–3.1)
4704	Regina	1.2	(0.7–1.8)	2.4	(0.8–3.9)
4706	Saskatoon	0.7	(0.2–1.3)	2.8	(1.2–4.4)
4709	Prince Albert	1.9	(0.8–3.0)	*	–
Alta.		0.9	(0.7–1.0)	†1.4	(0.8–2.0)
4820	Chinook	1.0	(0.3–1.7)	*	–
4821	Palliser	*	–	*	–
4822	Calgary	1.0	(0.7–1.3)	1.3	(0.4–2.3)
4823	David Thompson	†1.6	(1.1–2.0)	*	–
4824	East Central	1.2	(0.4–2.0)	*	–
4825	Capital	†0.4	(0.1–0.7)	1.4	(0.3–2.5)
4826	Aspen	0.9	(0.2–1.6)	*	–
4827	Mistahia	0.8	(0.0–1.7)	*	–
B.C.		0.9	(0.8–1.1)	2.1	(1.8–2.4)
5911	East Kootenay	†3.1	(2.1–4.0)	3.6	(1.2–6.0)
5912	Kootenay/Boundary	1.4	(0.5–2.4)	†4.1	(2.4–5.7)
5913	Okanagan	0.5	(0.0–1.0)	1.1	(0.1–2.2)
5914	Thompson/Cariboo	0.7	(0.2–1.3)	3.0	(1.6–4.5)
5921	Fraser East	1.1	(0.5–1.6)	2.3	(1.1–3.4)
5922	Fraser North	0.6	(0.2–1.1)	2.5	(1.7–3.3)
5923	Fraser South	1.0	(0.6–1.4)	2.1	(1.3–3.0)
5931	Richmond	*	–	*	–
5932	Vancouver	*	–	1.7	(0.9–2.6)
5933	North Shore	0.9	(0.2–1.6)	2.3	(1.0–3.7)
5941	South Vancouver Island	0.6	(0.2–1.0)	1.7	(0.8–2.6)
5942	Central Vancouver Island	1.2	(0.6–1.7)	1.8	(0.5–3.0)
5951	North West	1.7	(0.6–2.7)	*	–
5952	Northern Interior	†1.6	(0.9–2.2)	2.7	(0.6–4.8)
Y.T.		*	–	*	–
N.W.T.		*	–	*	–
Nun.		*	–	*	–
Canada		0.8		2.1	

THR/100,000 POPULATION

- Above Canadian Average
- Same as Canadian Average
- Below Canadian Average
- Data Suppressed





Source: Institut canadien d'information sur la santé

HEALTH SYSTEM PERFORMANCE

Map Code	Region	Hip Fracture Hospitalization 2000–2001		Pneumonia & Influenza Hospitalization 2000–2001		Ambulatory Care Sensitive Conditions Hospitalization 2000–2001	
		Age std rate/100,000	95% CI	Age std rate/100,000	95% CI	Age std rate/100,000	95% CI
N.L.		559	(503–616)	1,114	(1033–1195)	*486	(468–505)
1001	St. John's area	*476	(388–564)	*829	(709–949)	*330	(303–357)
1002	Eastern, N.L.	544	(429–659)	1,157	(987–1327)	391	(355–426)
1003	Central, N.L.	505	(389–622)	968	(807–1129)	*448	(408–488)
1004	Western, N.L.	489	(356–622)	*1,333	(1 115–1552)	*711	(655–768)
P.E.I.		610	(506–713)	*1,396	(1233–1559)	*1,101	(1046–1156)
N.S.		566	(528–605)	*1,328	(1267–1390)	375	(362–387)
1201	Zone 1, N.S.	590	(495–686)	1,133	(996–1270)	362	(329–395)
1202	Zone 2, N.S.	496	(380–612)	*1,570	(1358–1781)	*311	(273–349)
1203	Zone 3, N.S.	644	(529–759)	1,247	(1081–1413)	399	(361–437)
1204	Zone 4, N.S.	523	(418–628)	*1,760	(1553–1967)	*523	(478–568)
1205	Zone 5, N.S.	623	(523–723)	*1,546	(1384–1708)	*460	(424–496)
1206	Zone 6, N.S.	*470	(407–533)	1,021	(928–1115)	*295	(277–312)
N.B.		*455	(416–495)	*1,550	(1475–1626)	*576	(559–593)
1301	Region 1, N.B. (Moncton area)	*481	(401–560)	*1,228	(1 100–1357)	*430	(401–460)
1302	Region 2, N.B. (Saint John area)	*411	(334–488)	*1,338	(1 196–1481)	*343	(316–369)
1303	Region 3, N.B. (Fredericton area)	*446	(360–531)	*1,773	(1596–1950)	*601	(564–638)
1306	Region 6, N.B. (Bathurst area)	463	(340–586)	*1,563	(1336–1790)	*750	(693–808)
Que.		*511	(497–525)	*997	(977–1016)	*335	(331–339)
2401	Bas-Saint-Laurent	502	(426–577)	1,099	(984–1213)	349	(323–375)
2402	Saguenay—Lac-Saint-Jean	*449	(374–524)	1,202	(1083–1321)	*563	(535–591)
2403	Région de Québec	*503	(458–548)	*855	(795–915)	*294	(281–307)
2404	Mauricie et Centre-du-Québec	*488	(439–538)	1,052	(978–1125)	*292	(276–308)
2405	Estrie	561	(491–631)	1,177	(1075–1280)	360	(338–381)
2406	Montréal-Centre	*515	(490–541)	*708	(678–739)	*299	(292–307)
2407	Outaouais	517	(436–597)	1,130	(1012–1247)	*315	(295–334)
2408	Abitibi-Témiscamingue	671	(541–801)	*1,721	(1519–1923)	*483	(447–518)
2409	Côte-Nord	465	(314–616)	*2,162	(1846–2479)	*531	(485–577)
2411	Gaspésie-Îles-de-la-Madeleine	643	(520–766)	*1,677	(1475–1879)	*536	(491–581)
2412	Chaudière-Appalaches	*486	(426–545)	1,009	(922–1095)	*263	(247–280)
2413	Laval	*488	(422–555)	*830	(745–915)	*267	(250–285)
2414	Lanaudière	*416	(350–482)	*1,463	(1343–1583)	*343	(324–363)
2415	Laurentides	566	(497–634)	*1,243	(1144–1343)	*349	(332–367)
2416	Montérégie	*505	(469–541)	1,049	(997–1101)	*345	(334–355)
Ont.		*605	(592–617)	*1,044	(1027–1060)	*311	(308–315)
3501	Champlain (Ottawa area)	*516	(479–552)	*985	(933–1036)	*236	(227–245)
3502	Quinte Kingstion Rideau	*636	(582–689)	*1,246	(1 170–1322)	*288	(273–303)
3503	Durham, Hal., Kawartha & Pine Ridge	*638	(590–686)	*1,310	(1242–1378)	*288	(276–300)
3504	Toronto	*516	(493–539)	*831	(802–860)	*237	(231–243)
3505	Simcoe York	*658	(611–704)	*1,024	(967–1082)	*258	(249–268)
3506	Halton-Peel	*509	(469–548)	*815	(764–865)	*242	(233–250)
3507	Waterloo-Wellington-Dufferin	*677	(622–733)	*1,019	(950–1088)	*245	(233–257)
3508	Hamilton	561	(508–614)	1,070	(996–1144)	*245	(231–258)
3509	Niagara	563	(509–617)	*908	(839–978)	*481	(460–502)
3510	Grand River (Brantford area)	*668	(583–753)	*1,248	(1 131–1365)	355	(331–380)
3511	Thames Valley (London area)	*667	(613–721)	*824	(763–884)	*295	(281–308)
3512	Essex Kent Lambton (Windsor area)	617	(567–667)	*880	(819–941)	*461	(444–478)
3513	Grey Bruce Huron & Perth	*786	(711–860)	*1,374	(1273–1474)	*472	(447–498)
3514	Muskoka Nipissing P Sound Tim	*671	(587–755)	*1,396	(1275–1518)	*626	(592–660)
3515	ACMS (Sudbury area)	558	(495–620)	*1,499	(1398–1600)	*599	(576–623)
3516	Northwestern Ontario	593	(511–676)	*1,424	(1296–1552)	*640	(608–672)
Man.		567	(532–601)	*1,219	(1167–1272)	*462	(450–474)
4610	Winnipeg	*481	(439–523)	*882	(822–941)	*305	(291–318)
4630	Interlake	554	(419–690)	*1,920	(1669–2172)	*466	(420–513)
4640	Central	*724	(595–853)	1,197	(1027–1368)	*568	(522–615)
Sask.		608	(573–644)	*1,468	(1409–1527)	*554	(540–569)
4704	Regina	544	(470–618)	*1,271	(1154–1388)	*569	(539–599)
4706	Saskatoon	565	(496–634)	1,072	(970–1173)	*337	(315–358)
4709	Prince Albert	*421	(312–530)	1,258	(1056–1461)	*418	(372–463)
Alta.		592	(565–618)	*1,292	(1253–1332)	*460	(452–467)
4820	Chinook	*480	(389–572)	*1,312	(1156–1469)	*684	(643–726)
4821	Palliser	628	(501–755)	*1,311	(1121–1501)	*543	(497–590)
4822	Calgary	622	(574–671)	*1,026	(963–1088)	*296	(285–307)
4823	David Thompson	*757	(666–847)	*1,541	(1409–1673)	*709	(678–740)
4824	East Central	591	(484–697)	*1,694	(1508–1879)	*807	(755–858)
4825	Capital	*516	(472–560)	1,050	(987–1113)	*257	(246–267)
4826	Aspen	*431	(337–524)	*1,993	(1792–2195)	*966	(919–1013)
4827	Mistahia	588	(439–737)	*2,574	(2261–2888)	*1,028	(969–1088)
B.C.		*610	(590–630)	*961	(935–986)	*385	(378–391)
5911	East Kootenay	*947	(763–1131)	*1,356	(1135–1577)	*585	(530–640)
5912	Kootenay/Boundary	*825	(677–974)	1,176	(990–1361)	*601	(545–657)
5913	Okanagan	597	(538–655)	*970	(894–1046)	*405	(382–429)
5914	Thompson/Cariboo	*765	(659–871)	*1,364	(1223–1504)	*489	(459–519)
5921	Fraser East	525	(453–598)	1,094	(988–1200)	*447	(420–473)
5922	Fraser North	*652	(590–713)	*906	(832–980)	*290	(276–305)
5923	Fraser South	549	(498–599)	*822	(760–884)	*257	(244–270)
5931	Richmond	566	(459–674)	*886	(748–1025)	*269	(244–295)
5932	Vancouver	593	(540–646)	*782	(719–845)	*347	(331–362)
5933	North Shore	569	(497–642)	*901	(807–996)	*310	(289–332)
5941	South Vancouver Island	*440	(395–484)	*657	(600–713)	*411	(390–432)
5942	Central Vancouver Island	*776	(691–861)	*951	(857–1045)	*444	(416–472)
5951	North West	*948	(677–1219)	*2,587	(2151–3024)	*894	(825–963)
5952	Northern Interior	*822	(648–997)	*1,999	(1730–2269)	*537	(498–576)
Y.T.		754	(324–1185)	1,713	(1067–2358)	*638	(538–738)
N.W.T.		890	(429–1352)	*5,015	(3963–6068)	*1,403	(1265–1542)
Nun.		*1,729	(618–2840)	*4,046	(2410–5681)	*224	(161–286)
Canada		575	(568–582)	1,092	(1082–1103)	370	(368–372)

Map Code	Region	General/Family Physicians—2000		Certified Specialists—2000		Bypass Surgery—2000–2001	
		Rate/100,000	95% CI	Rate/100,000	95% CI	Age std rate/100,000	95% CI
N.L.		106	(98–115)	66	(59–73)	*155.7	(143.7–167.7)
1001	St. John's area	121	(106–137)	154	(136–172)	*155.3	(134.3–176.3)
1002	Eastern, N.L.	97	(79–114)	8	(3–14)	*169.9	(143.4–196.4)
1003	Central, N.L.	92	(73–110)	29	(19–40)	*129.4	(106.2–152.6)
1004	Western, N.L.	104	(82–125)	29	(17–40)	*138.3	(111.6–165.1)
P.E.I.		76	(62–91)	53	(41–65)	83.6	(66.5–100.8)
N.S.		101	(95–108)	101	(94–107)	101.5	(94.4–108.6)
1201	Zone 1, N.S.	87	(70–103)	46	(34–57)	101.4	(83.3–119.5)
1202	Zone 2, N.S.	89	(68–109)	61	(45–78)	95.2	(73.0–117.4)
1203	Zone 3, N.S.	81	(64–98)	32	(21–42)	103.7	(83.2–124.1)
1204	Zone 4, N.S.	82	(64–100)	47	(33–60)	*75.4	(57.4–93.4)
1205	Zone 5, N.S.	94	(78–110)	58	(45–70)	108.0	(89.7–126.4)
1206	Zone 6, N.S.	121	(110–132)	175	(161–188)	102.2	(90.1–114.3)
N.B.		90	(83–97)	63	(57–68)	*86.0	(78.6–93.4)
1301	Region 1, N.B. (Moncton area)	89	(76–103)	80	(67–93)	*80.6	(66.5–94.7)
1302	Region 2, N.B. (Saint John area)	86	(73–100)	84	(70–97)	102.3	(85.6–119.1)
1303	Region 3, N.B. (Fredericton area)	84	(70–98)	55	(44–66)	84.1	(68.2–99.9)
1306	Region 6, N.B. (Bathurst area)	89	(70–109)	38	(25–51)	*72.0	(52.1–91.9)
Que.		106	(104–108)	108	(105–110)	*105.4	(102.8–108.0)
2401	Bas-Saint-Laurent	114	(100–129)	79	(67–91)	95.1	(81.0–109.3)
2402	Saguenay—Lac-Saint-Jean	97	(86–109)	68	(58–77)	*78.9	(67.6–90.3)
2403	Région de Québec	145	(136–155)	172	(162–182)	103.0	(94.6–111.3)
2404	Mauricie et Centre-du-Québec	81	(73–89)	66	(58–73)	*115.5	(105.5–125.5)
2405	Estrie	125	(112–138)	120	(108–133)	*123.1	(109.3–136.9)
2406	Montréal-Centre	121	(116–126)	212	(205–219)	93.4	(88.7–98.1)
2407	Outaouais	89	(79–100)	51	(44–59)	96.9	(84.2–109.7)
2408	Abitibi-Témiscamingue	100	(84–116)	59	(47–71)	96.9	(78.9–114.9)
2409	Côte-Nord	126	(105–148)	49	(35–62)	*130.8	(103.8–157.7)
2411	Gaspésie-Îles-de-la-Madeleine	156	(131–180)	62	(46–77)	114.4	(92.5–136.2)
2412	Chaudière-Appalaches	97	(88–107)	54	(47–61)	*119.3	(107.2–131.4)
2413	Laval	87	(77–97)	70	(61–79)	90.6	(79.8–101.4)
2414	Lanaudière	81	(72–90)	41	(35–47)	*118.3	(106.0–130.6)
2415	Laurentides	89	(81–98)	43	(37–49)	*108.1	(97.4–118.8)
2416	Montérégie	91	(86–97)	58	(54–63)	*114.8	(108.2–121.4)
Ont.		85	(84–87)	96	(94–98)	96.6	(94.6–98.6)
3501	Champlain (Ottawa area)	106	(100–113)	137	(131–144)	*85.5	(79.2–91.8)
3502	Quinte Kingston Rideau	97	(89–106)	100	(91–109)	*113.8	(104.1–123.5)
3503	Durham, Hal., Kawartha & Pine Ridge	67	(62–73)	46	(41–50)	*109.7	(101.7–117.8)
3504	Toronto	112	(108–116)	168	(163–173)	*83.6	(79.6–87.6)
3505	Simcoe York	73	(68–78)	49	(45–53)	*104.8	(97.6–111.9)
3506	Halton-Peel	69	(65–74)	51	(47–55)	*112.8	(105.8–119.8)
3507	Waterloo-Wellington-Dufferin	71	(65–77)	53	(48–58)	*76.4	(68.7–84.1)
3508	Hamilton	87	(79–96)	163	(152–174)	100.5	(90.9–110.1)
3509	Niagara	60	(53–67)	58	(51–65)	90.4	(81.0–99.9)
3510	Grand River (Brantford area)	61	(51–71)	36	(28–43)	87.4	(74.3–100.4)
3511	Thames Valley (London area)	84	(77–91)	144	(134–153)	*79.0	(71.0–87.0)
3512	Essex Kent Lambton (Windsor area)	56	(50–62)	56	(50–62)	95.6	(87.1–104.1)
3513	Grey Bruce Huron & Perth	77	(67–87)	34	(28–41)	*76.8	(66.5–87.1)
3514	Muskoka Nipissing P Sound Tim	94	(81–107)	47	(38–56)	*120.2	(105.6–134.7)
3515	ACMS (Sudbury area)	82	(73–90)	62	(54–69)	*132.3	(120.6–144.1)
3516	Northwestern Ontario	86	(75–98)	48	(39–57)	*65.7	(54.3–77.1)
Man.		93	(87–98)	89	(84–94)	*85.0	(79.0–91.1)
4610	Winnipeg	102	(94–110)	145	(136–154)	88.5	(80.2–96.8)
4630	Interlake	62	(45–80)	18	(8–27)	79.7	(58.4–101.0)
4640	Central	69	(52–85)	12	(5–19)	*71.2	(52.4–90.0)
Sask.		91	(85–97)	62	(57–67)	93.8	(87.1–100.5)
4704	Regina	106	(93–119)	79	(68–91)	*130.3	(113.8–146.7)
4706	Saskatoon	106	(94–118)	131	(118–145)	*70.8	(59.2–82.3)
4709	Prince Albert	84	(63–104)	33	(20–45)	*55.4	(36.6–74.1)
Alta.		87	(83–90)	80	(77–83)	*87.3	(83.2–91.5)
4820	Chinook	87	(72–102)	55	(43–67)	*65.5	(50.5–80.5)
4821	Palliser	68	(51–84)	48	(34–62)	*67.1	(48.7–85.4)
4822	Calgary	89	(83–95)	99	(93–105)	*83.7	(76.6–90.8)
4823	David Thompson	78	(68–89)	29	(23–36)	87.2	(74.3–100.2)
4824	East Central	78	(62–95)	11	(5–17)	*67.9	(51.5–84.4)
4825	Capital	96	(90–102)	116	(109–123)	93.9	(86.3–101.4)
4826	Aspen	72	(59–84)	5	(2–8)	91.8	(74.6–108.9)
4827	Mistahia	70	(56–85)	18	(11–25)	82.9	(61.3–104.6)
B.C.		107	(104–110)	89	(86–92)	*76.4	(73.4–79.4)
5911	East Kootenay	111	(88–135)	30	(18–43)	107.9	(82.9–132.9)
5912	Kootenay/Boundary	115	(92–138)	50	(34–65)	82.8	(62.4–103.2)
5913	Okanagan	102	(90–113)	78	(68–88)	*74.2	(64.6–83.7)
5914	Thompson/Cariboo	94	(81–107)	49	(40–58)	*68.8	(56.6–81.0)
5921	Fraser East	79	(68–90)	44	(35–52)	*76.8	(64.5–89.0)
5922	Fraser North	80	(72–87)	66	(60–73)	*75.4	(66.6–84.2)
5923	Fraser South	74	(67–81)	45	(40–50)	*81.1	(72.9–89.3)
5931	Richmond	92	(77–106)	64	(52–76)	*67.0	(51.6–82.3)
5932	Vancouver	168	(157–179)	258	(244–271)	*58.6	(51.1–66.1)
5933	North Shore	118	(105–131)	71	(61–81)	*67.9	(57.2–78.7)
5941	South Vancouver Island	140	(128–151)	109	(99–119)	*79.0	(69.9–88.2)
5942	Central Vancouver Island	100	(87–113)	59	(49–69)	100.2	(87.3–113.1)
5951	North West	119	(96–142)	27	(16–38)	71.4	(46.1–96.7)
5952	Northern Interior	96	(80–111)	40	(30–50)	82.1	(62.6–101.7)
Y.T.		114	(77–152)	20	(4–35)	53.8	(11.5–96.1)
N.W.T.		71	(45–97)	44	(24–64)	75.1	(29.9–120.3)
Nun.		22	(4–39)	*	–	*	–
Canada		95	(94–96)	93	(92–94)	95.5	(94.3–96.8)

COMMUNITY AND HEALTH SYSTEM CHARACTERISTICS

Map Code	Region	Hip Replacement—2000–2001		Knee Replacement—2000–2001		Hysterectomy—2000–2001	
		Age std rate/100,000	95% CI	Age std rate/100,000	95% CI	Age std rate/100,000	95% CI
N.L.		*38.5	(33.4–43.5)	*39.6	(34.4–44.8)	*642	(608–677)
1001	St. John's area	*36.6	(28.0–45.1)	*39.4	(30.4–48.4)	468	(418–517)
1002	Eastern, N.L.	*36.6	(26.2–47.1)	*35.3	(24.9–45.7)	*782	(701–862)
1003	Central, N.L.	*34.3	(24.1–44.6)	*40.3	(29.2–51.5)	*608	(532–685)
1004	Western, N.L.	46.1	(32.8–59.4)	*41.0	(28.2–53.8)	*847	(747–947)
P.E.I.		70.5	(57.2–83.8)	64.2	(51.5–76.9)	*600	(533–668)
N.S.		*70.9	(65.9–76.0)	*99.4	(93.4–105.5)	*564	(539–589)
1201	Zone 1, N.S.	65.0	(52.9–77.0)	79.8	(66.3–93.3)	*657	(583–731)
1202	Zone 2, N.S.	*81.8	(64.6–99.1)	*91.2	(72.6–109.8)	*702	(607–796)
1203	Zone 3, N.S.	*77.9	(62.9–92.9)	*108.3	(90.7–125.9)	*771	(682–861)
1204	Zone 4, N.S.	54.5	(41.3–67.6)	*99.1	(81.2–117.0)	*620	(537–704)
1205	Zone 5, N.S.	68.9	(56.3–81.4)	*140.1	(122.5–157.8)	488	(427–549)
1206	Zone 6, N.S.	*72.8	(64.1–81.5)	*86.4	(76.8–95.9)	460	(426–493)
N.B.		58.8	(53.6–63.9)	*79.7	(73.6–85.7)	*730	(698–762)
1301	Region 1, N.B. (Moncton area)	*69.7	(58.6–80.8)	67.3	(56.4–78.2)	*650	(590–709)
1302	Region 2, N.B. (Saint John area)	56.4	(46.1–66.7)	*93.3	(79.8–106.8)	*597	(539–656)
1303	Region 3, N.B. (Fredericton area)	*73.7	(61.1–86.3)	*107.9	(92.6–123.2)	*540	(484–597)
1306	Region 6, N.B. (Bathurst area)	*28.4	(17.9–38.8)	*36.5	(24.2–48.8)	*993	(888–1098)
Que.		*37.6	(36.3–38.9)	*36.7	(35.4–38.0)	*424	(417–431)
2401	Bas-Saint-Laurent	*39.3	(31.5–47.0)	*40.9	(33.2–48.6)	*749	(688–810)
2402	Saguenay—Lac-Saint-Jean	*30.7	(24.5–36.8)	*48.9	(41.1–56.6)	*817	(763–871)
2403	Région de Québec	*35.5	(31.3–39.8)	*30.9	(27.0–34.8)	463	(437–488)
2404	Mauricie et Centre-du-Québec	*37.2	(32.3–42.2)	*39.6	(34.6–44.5)	*522	(489–555)
2405	Estrie	*42.8	(35.9–49.7)	*37.7	(31.3–44.2)	*519	(477–562)
2406	Montréal-Centre	*35.5	(33.1–38.0)	*28.6	(26.4–30.8)	*291	(279–303)
2407	Outaouais	*45.6	(37.9–53.3)	*47.9	(39.9–55.8)	*311	(281–341)
2408	Abitibi-Témiscamingue	*38.8	(28.8–48.8)	*30.4	(21.6–39.2)	*597	(533–661)
2409	Côte-Nord	*30.2	(18.6–41.9)	*44.9	(30.9–59.0)	462	(395–529)
2411	Gaspésie-Îles-de-la-Madeleine	*34.1	(23.6–44.5)	*43.7	(32.2–55.1)	*616	(540–692)
2412	Chaudière-Appalaches	*45.7	(39.3–52.2)	*50.2	(43.5–57.0)	*541	(503–578)
2413	Laval	*40.9	(34.6–47.2)	*40.8	(34.5–47.1)	*343	(313–372)
2414	Lanaudière	*35.7	(29.7–41.6)	*33.8	(28.0–39.7)	*363	(333–392)
2415	Laurentides	*38.4	(32.9–44.0)	*33.3	(28.0–38.6)	*372	(344–399)
2416	Montérégie	*36.9	(33.7–40.2)	*39.4	(36.0–42.8)	*421	(404–439)
Ont.		*62.8	(61.5–64.2)	*78.4	(76.9–80.0)	*426	(420–431)
3501	Champlain (Ottawa area)	58.5	(54.1–62.9)	67.4	(62.6–72.1)	450	(430–470)
3502	Quinte Kingston Rideau	*71.8	(65.3–78.2)	*88.9	(81.7–96.1)	*514	(483–546)
3503	Durham, Hal., Kawartha & Pine Ridge	*73.0	(67.5–78.6)	*93.1	(86.8–99.4)	*552	(526–578)
3504	Toronto	*51.7	(49.0–54.3)	*59.2	(56.3–62.0)	*289	(278–299)
3505	Simcoe York	57.0	(52.5–61.6)	*71.9	(66.8–77.1)	*396	(378–415)
3506	Halton-Peel	*65.2	(60.5–69.9)	*80.1	(74.9–85.3)	*336	(320–351)
3507	Waterloo-Wellington-Dufferin	*72.7	(66.3–79.1)	*80.2	(73.5–87.0)	441	(416–466)
3508	Hamilton	62.6	(56.2–68.9)	*85.1	(77.7–92.5)	*410	(382–438)
3509	Niagara	*65.4	(58.7–72.1)	*96.0	(88.0–104.1)	*573	(536–609)
3510	Grand River (Brantford area)	65.1	(55.5–74.7)	*77.4	(67.0–87.9)	*527	(478–575)
3511	Thames Valley (London area)	59.9	(54.0–65.8)	70.6	(64.2–77.0)	456	(429–484)
3512	Essex Kent Lambton (Windsor area)	*72.1	(65.9–78.3)	*90.0	(83.1–97.0)	*577	(546–608)
3513	Grey Bruce Huron & Perth	*73.4	(64.9–81.9)	*99.1	(89.3–108.9)	467	(425–509)
3514	Muskoka Nipissing P Sound Tim	65.5	(56.3–74.7)	*82.1	(71.7–92.4)	*612	(558–667)
3515	ACMS (Sudbury area)	55.7	(49.1–62.3)	*86.1	(77.9–94.2)	*711	(669–753)
3516	Northwestern Ontario	66.4	(56.7–76.2)	*121.5	(108.3–134.7)	*402	(361–443)
Man.		*66.5	(62.0–71.1)	*91.3	(86.0–96.6)	461	(441–482)
4610	Winnipeg	*64.2	(58.3–70.1)	*91.8	(84.8–98.8)	425	(400–450)
4630	Interlake	68.8	(52.1–85.6)	*89.8	(70.6–109.0)	493	(411–574)
4640	Central	71.0	(54.9–87.2)	*85.8	(68.6–103.0)	468	(395–541)
Sask.		*73.0	(68.0–77.9)	*78.8	(73.7–83.9)	*528	(505–552)
4704	Regina	*79.2	(68.7–89.8)	69.0	(59.0–78.9)	468	(424–512)
4706	Saskatoon	*79.5	(69.4–89.7)	*85.7	(75.2–96.2)	*499	(456–541)
4709	Prince Albert	53.0	(37.7–68.3)	66.5	(49.3–83.8)	*364	(289–438)
Alta.		*73.0	(69.8–76.2)	*82.0	(78.6–85.4)	*467	(455–480)
4820	Chinook	*80.9	(66.9–94.8)	*99.9	(84.2–115.6)	*657	(586–727)
4821	Palliser	60.5	(45.5–75.4)	77.0	(60.6–93.5)	*596	(512–679)
4822	Calgary	*63.3	(58.0–68.5)	65.7	(60.3–71.2)	*385	(366–404)
4823	David Thompson	*83.8	(73.1–94.6)	*116.3	(103.6–128.9)	*573	(527–619)
4824	East Central	*80.3	(65.0–95.5)	*83.4	(68.1–98.7)	*578	(501–654)
4825	Capital	*71.4	(65.9–77.0)	*81.5	(75.5–87.5)	464	(441–486)
4826	Aspen	*82.4	(68.5–96.4)	*85.0	(70.7–99.2)	*528	(469–586)
4827	Mistahia	*110.0	(88.5–131.5)	*91.4	(71.7–111.2)	468	(403–533)
B.C.		*62.0	(59.8–64.3)	*63.8	(61.5–66.1)	*402	(392–411)
5911	East Kootenay	*89.0	(69.8–108.2)	*92.5	(72.7–112.3)	473	(392–553)
5912	Kootenay/Boundary	64.4	(49.1–79.6)	63.0	(48.0–78.1)	464	(388–540)
5913	Okanagan	*81.6	(73.1–90.0)	*89.4	(80.8–98.0)	*493	(452–533)
5914	Thompson/Cariboo	*73.2	(62.4–84.1)	*93.2	(81.0–105.3)	*572	(520–624)
5921	Fraser East	62.3	(53.1–71.6)	*84.6	(73.8–95.3)	*542	(493–591)
5922	Fraser North	52.2	(46.0–58.3)	61.0	(54.2–67.8)	*350	(325–375)
5923	Fraser South	53.3	(47.7–58.9)	*55.6	(49.8–61.3)	*395	(369–420)
5931	Richmond	*40.6	(30.7–50.5)	*50.6	(39.0–62.2)	*261	(224–298)
5932	Vancouver	*42.4	(37.1–47.7)	*32.4	(27.7–37.1)	*244	(224–264)
5933	North Shore	*67.3	(58.2–76.4)	63.0	(54.3–71.8)	*294	(263–326)
5941	South Vancouver Island	*70.6	(63.4–77.8)	*54.0	(47.8–60.2)	455	(422–488)
5942	Central Vancouver Island	*72.2	(63.0–81.5)	64.8	(56.2–73.4)	*640	(586–693)
5951	North West	55.9	(35.4–76.3)	55.5	(36.2–74.8)	416	(345–487)
5952	Northern Interior	*75.3	(58.9–91.7)	81.5	(64.6–98.5)	414	(360–468)
Y.T.		54.0	(23.3–84.8)	45.2	(14.2–76.2)	592	(446–739)
N.W.T.		37.3	(12.2–62.4)	74.3	(34.9–113.7)	*194	(116–273)
Nun.		*	–	76.0	(17.6–134.5)	*225	(90–360)
Canada		57.6	(56.8–58.4)	66.8	(66.0–67.7)	446	(443–450)

Map Code	Region	Inflow/Outflow Ratio—2000–2001				
		Overall	Bypass Surgery	Hip Replacement	Knee Replacement	Hysterectomy
N.L.		**	**	**	**	**
1001	St. John's area	1.60	2.56	1.92	1.72	1.33
1002	Eastern, N.L.	0.59	0.00	0.00	0.00	0.77
1003	Central, N.L.	0.88	0.00	0.88	0.90	0.96
1004	Western, N.L.	0.94	0.00	0.91	1.05	1.03
P.E.I.		0.95	0.00	0.84	0.99	1.00
N.S.		**	**	**	**	**
1201	Zone 1, N.S.	0.72	0.00	0.01	0.00	0.80
1202	Zone 2, N.S.	1.00	0.00	1.70	1.80	1.21
1203	Zone 3, N.S.	0.64	0.00	0.00	0.00	0.62
1204	Zone 4, N.S.	0.82	0.00	0.32	0.47	1.00
1205	Zone 5, N.S.	0.94	0.00	1.03	0.98	0.88
1206	Zone 6, N.S.	1.47	3.23	1.74	1.81	1.19
N.B.		**	**	**	**	**
1301	Region 1, N.B. (Moncton area)	1.14	0.00	1.24	1.27	1.20
1302	Region 2, N.B. (Saint John area)	1.14	3.75	0.93	0.98	0.97
1303	Region 3, N.B. (Fredericton area)	0.97	0.00	1.08	1.07	1.00
1306	Region 6, N.B. (Bathurst area)	0.95	0.00	0.83	1.15	1.00
Que.		**	**	**	**	**
2401	Bas-Saint-Laurent	0.92	0.00	0.83	0.89	0.95
2402	Saguenay—Lac-Saint-Jean	1.01	1.03	0.88	1.05	1.04
2403	Région de Québec	1.33	2.45	1.43	1.41	1.32
2404	Mauricie et Centre-du-Québec	0.88	0.00	1.00	1.00	0.94
2405	Estrie	1.03	1.09	0.71	0.70	0.99
2406	Montréal-Centre	1.38	2.77	1.46	1.48	1.46
2407	Outaouais	0.83	0.00	0.82	0.84	0.62
2408	Abitibi-Témiscamingue	0.97	0.00	0.97	1.11	0.99
2409	Côte-Nord	0.81	0.00	0.48	0.60	0.70
2411	Gaspésie-Îles-de-la-Madeleine	0.72	0.00	0.38	0.57	0.65
2412	Chaudière-Appalaches	0.74	0.00	0.86	0.88	0.74
2413	Laval	0.76	0.01	0.60	0.80	0.91
2414	Lanaudière	0.69	0.00	0.77	0.58	0.68
2415	Laurentides	0.85	0.09	0.65	0.71	0.58
2416	Montérégie	0.78	0.01	0.66	0.71	0.79
Ont.		**	**	**	**	**
3501	Champlain (Ottawa area)	1.13	1.71	1.10	1.08	1.14
3502	Quinte Kingston Rideau	0.95	0.96	0.91	0.97	0.95
3503	Durham, Hal., Kawartha & Pine Ridge	0.77	0.00	0.52	0.47	0.79
3504	Toronto	1.30	2.43	1.65	1.65	1.43
3505	Simcoe York	0.94	0.00	0.76	0.77	0.88
3506	Halton-Peel	0.89	0.24	0.90	0.95	0.84
3507	Waterloo-Wellington-Dufferin	0.83	0.00	0.82	0.83	0.86
3508	Hamilton	1.27	2.68	1.41	1.25	1.32
3509	Niagara	0.87	0.00	0.72	0.84	0.92
3510	Grand River (Brantford area)	0.75	0.00	0.31	0.35	0.65
3511	Thames Valley (London area)	1.30	3.67	1.50	1.44	1.24
3512	Essex Kent Lambton (Windsor area)	0.90	0.00	0.88	0.89	0.91
3513	Grey Bruce Huron & Perth	0.87	0.00	0.63	0.70	0.84
3514	Muskoka Nipissing P Sound Tim	0.85	0.00	0.21	0.37	0.68
3515	ACMS (Sudbury area)	1.01	1.30	0.87	0.90	0.99
3516	Northwestern Ontario	0.97	0.00	0.97	0.99	0.98
Man.		**	**	**	**	**
4610	Winnipeg	1.35	1.84	1.71	1.66	1.45
4630	Interlake	0.52	0.00	0.00	0.00	*
4640	Central	0.76	0.00	*	0.00	*
Sask.		**	**	**	**	**
4704	Regina	1.25	2.01	1.42	1.55	1.27
4706	Saskatoon	1.41	1.79	1.78	1.85	1.66
4709	Prince Albert	0.89	0.00	0.88	0.86	0.68
Alta.		**	**	**	**	**
4820	Chinook	0.97	0.00	1.09	1.16	1.08
4821	Palliser	0.94	0.00	0.72	1.10	0.88
4822	Calgary	1.11	1.68	1.12	1.14	1.07
4823	David Thompson	0.90	0.02	0.65	0.63	0.81
4824	East Central	0.74	0.00	0.62	0.73	0.35
4825	Capital	1.24	1.60	1.42	1.38	1.27
4826	Aspen	0.78	0.00	0.00	0.00	0.37
4827	Mistahia	0.86	0.00	1.12	1.07	0.92
B.C.		**	**	**	**	**
5911	East Kootenay	0.82	0.00	0.59	0.75	0.85
5912	Kootenay/Boundary	0.88	0.00	0.97	1.07	0.70
5913	Okanagan	1.03	0.00	1.09	1.14	1.13
5914	Thompson/Cariboo	0.93	0.00	0.67	0.62	0.91
5921	Fraser East	0.87	0.00	0.89	0.92	0.87
5922	Fraser North	1.04	1.86	1.00	1.11	0.85
5923	Fraser South	0.76	0.00	0.58	0.63	0.87
5931	Richmond	0.93	0.00	1.79	1.87	0.88
5932	Vancouver	1.65	5.41	2.40	2.22	1.84
5933	North Shore	0.85	0.00	0.60	0.71	0.79
5941	South Vancouver Island	1.09	1.89	0.99	1.07	1.06
5942	Central Vancouver Island	0.86	0.00	0.75	0.79	0.97
5951	North West	0.88	0.00	0.52	0.56	0.87
5952	Northern Interior	0.92	0.00	0.53	0.43	0.93
Y.T.		0.89	0.00	0.00	0.00	1.00
N.W.T.		1.05	0.00	1.10	1.07	0.96
Nun.		0.59	0.00	0.00	0.00	0.69
Canada		**	**	**	**	**

HEALTH PROFESSIONALS †

	RNs 2001	LPNs 2000	Physicians			Pharmacists 2001	Dentists 2001	Physio- therapists 2001	Dental Hygienists 2001	Chiropractors 2001	Optometrists 2001	Dietitians 2001	Midwives 2001
			Total 2001	GP/FP 2001	Certified Specialists 2001								
N.L.	1,020	542	177	112	65	99	31	37	15	8	7	23	0
PE.I.	912	458	136	83	54	94	44	36	33	5	*	37	0
N.S.	906	346	200	102	98	101	49	48	45	8	8	38	*
N.B.	978	352	156	93	64	75	35	48	32	6	12	33	0
Que.	787	220	213	106	108	83	54	43	49	14	16	26	1
Ont.	674	281	180	85	95	73	61	44	54	22	10	18	2
Man.	894	221	182	94	88	86	49	44	49	19	8	25	2
Sask.	808	202	153	93	60	111	35	52	30	16	11	22	*
Alta.	743	144	167	87	80	97	55	53	50	24	11	20	1
B.C.	664	122	197	108	89	83	65	56	44	19	9	21	2
Y.T.	907	222	179	166	13	90	80	..	53	27	*	..	*
N.W.T.	1,144	163	90	58	32	56	109	..	51	..	0	..	*
Nun.	1,018	..	25	25	0	18	..	..	..	..	..	..	*
Canada	741	236	187	95	93	82	57	46	49	18	11	22	1

† Data are as of March 2003. Rates are per 100,000 population

For more information on how professional groups were defined please contact hpdb@cihi.ca

Sources: Southam Medical Database, Health Personnel Database, Registered Nurses Database, CIHI

HEALTH EXPENDITURES

	Total Health Expenditure (\$000,000), current dollars			Total Health Expenditure \$ per capita, current dollars			% of GDP 2000	% Public Sector 2000	Total Health Expenditure by Use of Funds \$ per capita			
	Actual	Forecast	Forecast	Actual	Forecast	Forecast			Institutional Services 2000	Professional Services 2000	Drugs 2000	Capital and Other Health 2000
	2000	2001	2002	2000	2001	2002			2000	2000	2000	2000
N.L.	1,683	1,844	1,907	3,129	3,453	3,587	12.2	78.5	1,523	556	454	596
PE.I.	396	431	471	2,865	3,106	3,365	11.7	70.1	1,397	534	502	431
N.S.	2,800	2,959	3,122	2,972	3,138	3,304	11.6	70.5	1,428	687	497	360
N.B.	2,224	2,429	2,597	2,944	3,213	3,432	11.1	71.3	1,394	631	490	428
Que.	21,185	22,813	23,721	2,870	3,075	3,182	9.5	72.5	1,315	636	506	413
Ont.	38,746	41,513	44,337	3,312	3,490	3,674	8.9	67.3	1,287	903	534	589
Man.	4,012	4,250	4,551	3,500	3,699	3,955	12.0	74.9	1,516	747	424	812
Sask.	3,123	3,350	3,490	3,056	3,294	3,449	9.3	76.2	1,256	672	424	705
Alta.	9,521	10,768	11,710	3,163	3,520	3,761	6.6	71.3	1,229	774	435	725
B.C.	13,236	14,708	15,731	3,260	3,586	3,798	10.2	73.7	1,304	958	407	592
Y.T.	115	128	137	3,768	4,232	4,568	10.0	84.4	1,253	761	422	1,331
N.W.T.	214	239	254	5,249	5,803	6,142	8.0	90.9	2,328	914	419	1,588
Nun.	162	174	186	5,876	6,191	6,467	19.3	94.5	2,583	809	299	2,185
Canada	97,420	105,605	112,213	3,164	3,395	3,572	9.1	70.8	1,312	799	489	565

Source: Health Expenditure Database, CIHI, 2002

HEALTH SURVEILLANCE

	HIV + test reports		Chlamydia cases		Tuberculosis cases		Hepatitis cases, by type		
	2000	2001	1999	2000	1999	2000	A 1999	B 1999	C 1999
N.L.	3	5	433	609	..	..	1	3	45
PE.I.	..	..	148	231	..	..	1	4	26
N.S.	16	13	1,364	1,406	44	25	10	21	305
N.B.	10	9	1,136	1,157	..	..	8	14	186
Que.	493	526	7,968	8,676	314	318	172	343	3,397
Ont.	897	911	13,256	14,660	684	670	248	141	6,520
Man.	57	65	2,967	3,263	132	98	11	20	573
Sask.	34	41	2,656	2,921	116	104	15	35	537
Alta.	185	166	5,416	6,001	149	133	82	86	2,705
B.C.	419	439	5,402	6,193	328	285	339	609	5,016
Y.T.	5	4	..	144	..	..	0	0	45
N.W.T.	0	1	176	487	39	61	0	2	42
Nun.	0	0	1,219	704	..	..	0	..	..
Canada	2,119	2,180	42,141	46,452	1,806	1,694	887	1,278	19,397

Sources:

HIV and AIDS in Canada: Surveillance Report to June 30, 2002, Health Canada;

Division of Sexual Health Promotion & STD Prevention & Control, Updated July, 2002, Health Canada;

Tuberculosis in Canada 2000, Health Canada;

Notifiable Diseases, Disease Surveillance On-Line, Health Canada; See Definitions and Data sources for interpretation of Hepatitis C cases.

Definitions and Data Sources

Ambulatory Care Sensitive Conditions (ACSC) hospitalization:

Age-standardized inpatient acute care hospitalization rate for conditions where appropriate ambulatory care prevents or reduces the need for hospitalization (ICD-9 250, 291, 292, 300, 303–305, 311, 401–405, 493), per 100,000 population.

Source: CIHI, Hospital Morbidity Database

Arthritis and Rheumatism:

Population aged 12 and over who report that they have been diagnosed by a health professional as having arthritis or rheumatism. Arthritis/rheumatism includes both rheumatoid arthritis and osteoarthritis, but excludes fibromyalgia.

Source: Statistics Canada, Canadian Community Health Survey, 2000/01, health file

Asthma:

Population aged 12 and over who report that they have been diagnosed by a health professional as having asthma.

Source: Statistics Canada, Canadian Community Health Survey, 2000/01, health file

Body Mass Index:

Body mass index (BMI)—Canadian standard, which relates weight to height, is a common method of determining if an individual's weight is in a healthy range based on their height. BMI is calculated as follows: weight in kilograms divided by height in metres squared. The index is: under 20 (underweight), 20–24.9 (acceptable weight), 25–27.0 (some excess weight) and greater than 27 (overweight). The index is calculated for those aged 20 to 64 excluding pregnant women and persons less than 3 feet (0.914 metres) tall or greater than 6 feet 11 inches (2.108 metres).

Source: Statistics Canada, Canadian Community Health Survey, 2000/01, health file

Bypass surgery rate (CABG):

Age-standardized rate of coronary artery bypass graft surgery (CCP code 48.1 or ICD-9-CM procedure code 36.1) performed on inpatients in acute care hospitals, per 100,000 population age 20 and older. Variations in bypass surgery rates may be related to utilization of coronary angioplasty, an alternative intervention for improving blood flow to the heart.

Source: CIHI, Hospital Morbidity Database

Caesarean Sections:

Proportion of women delivering babies in acute care hospitals by Caesarean section (CCP code of 86.0–86.2, 86.8, or 86.9 or ICD-9-CM procedure code of 74.0–74.2, 74.4 or 74.99). Due to the characteristics of the database, stillbirths are excluded from the denominator.

Source: CIHI, Hospital Morbidity Database

Chlamydia:

Number of cases of genital chlamydia reported. The data for 2000 are provisional and are subject to change.

Source: Health Canada, Population and Public Health Branch, Division of Sexual Health Promotion and STD Prevention & Control, 2002

Crime Rate:

The number of Criminal Code offences expressed as a rate per 100,000 population, for violent crimes, property and other crimes (excluding traffic offences). The crime rate is based on the number of incidents reported to or by the police.

Source: Statistics Canada, Canadian Centre for Justice Statistics, Uniform Crime Reporting Survey

Dependency Ratio:

The ratio of the combined child population (aged 0 to 14) and elderly population (aged 65 and over) to the working age population (aged 15 to 64). This ratio is usually presented as the number of dependents for every 100 people in the working age population. Canadians aged 65 and over and those under age 15 are more likely to be socially and/or economically dependent on working age Canadians, and they may also put certain additional demands on health services.

Source: Statistics Canada, Demography Division (2000 preliminary population estimates)

Dietary practices:

Population aged 12 and over, by the average number of times per day that they consume fruits and vegetables.

Source: Statistics Canada, Canadian Community Health Survey, 2000/01, health file

Diabetes:

Population aged 12 and over who report that they have been diagnosed by a health professional as having diabetes.

Source: Statistics Canada, Canadian Community Health Survey, 2000/01, health file

Disability-free life expectancy (DFLE):

Life expectancy is the number of years a person would be expected to live, starting from birth (for life expectancy at birth) or at age 65 (for life expectancy at age 65), on the basis of the mortality statistics for a given observation period. Disability-free life expectancy is a more comprehensive indicator than life expectancy because it introduces the concept of quality of life. It is used to distinguish between years of life free of any activity limitation and years experienced with at least one activity limitation. To that end, disability-free life expectancy establishes a threshold based on the nature of such limitations. Years of life lived in conditions above this threshold are counted in full. Those lived in conditions below the threshold are not counted. Thus, the emphasis is not exclusively on the length of life, as is the case for life expectancy, but also on the quality of life.

Sources: Statistics Canada, Vital Statistics, Death Database, Demography Division (population estimates), and the 1996 Census (20% sample)

Exposure to second hand smoke:

Non-smoking population aged 12 and over who were exposed to second-hand smoke on most days in the month preceding the survey.

Source: Statistics Canada, Canadian Community Health Survey, 2000/01, health file

Frequency of heavy drinking:

Population aged 12 and over who are current drinkers and who reported drinking 5 or more drinks on at least one occasion in the past 12 months.

Source: Statistics Canada, Canadian Community Health Survey, 2000/01, health file

Functional Health:

Population aged 12 and over reporting measures of overall functional health, based on eight dimensions of functioning (vision, hearing, speech, mobility, dexterity, feelings, cognition and pain). A score of 0.8 to 1.0 is considered to be very good or perfect health; scores below 0.8 are considered to indicate moderate or severe functional health problems. Otherwise known as the Health Utility Index (HUI), this index, developed at McMaster University's Centre for Health Economics and Policy Analysis, is based on the Comprehensive Health Status Measurement System (CHSMS).

Source: Statistics Canada, Canadian Community Health Survey, 2000/01, health file

Health expenditures:

Health expenditures in current dollars; expenditures per capita; percent of Gross Domestic Product; public sector expenditures as a percent of total spending; and expenditures by use of funds.

Source: CIHI, National Health Expenditure Database

Health professionals:

Number of health professionals (selected professions) per 100,000 population. See Physicians for notes about this professional group. Registered nurses (RN) rates are based on RNs employed in nursing and will differ from provincial/territorial data due to the CIHI collection period, the removal of inter-provincial duplicates, and provincial territorial data cleaning at year-end. Licensed practical nurses (LPN) rates represent total registrants, regardless of employment status. Other health professional data reflect personnel regardless of employment status and include the number of: licensed pharmacists including certified dispensers and excluding non-practicing and honorary pharmacists; licensed dentists (general practice and specialists); active registered physiotherapists; licensed dental hygienists; licensed chiropractors; active registered optometrists; active registered dietitians; and active registered midwives. Professionals per 100,000 rates use updated population estimates and may differ slightly from previously published figures.

Sources: CIHI, Health Personnel Database, Registered Nurses Database, Southam Medical Database

Hepatitis:

The number of reported cases of Hepatitis A, Hepatitis B, and Hepatitis C. Both Hepatitis A and B are preventable through immunization. The increases in reported newly diagnosed cases of Hepatitis C may be due to the increase in the use of laboratory testing for this virus, and may represent both acute and chronic cases. Therefore these numbers should not be used for identifying trends or outbreaks.

Source: Health Canada; Notifiable Diseases On-Line, Population and Public Health Branch, 2002

Hip fracture hospitalization:

Age-standardized hospitalization rate for fracture of the hip (ICD-9 820.0–820.3, 820.8, 820.9), per 100,000 population age 65 and older.

Source: CIHI, Hospital Morbidity Database

Hip replacement rate:

Age-standardized rate of total hip replacement surgery (unilateral or bilateral) (CCP 93.51, 93.52, 93.53, 93.59 or ICD-9-CM 81.50, 81.51, 81.53) performed on inpatients in acute care hospitals, per 100,000 population.

Source: CIHI, Hospital Morbidity Database

HIV test reports:

Number of positive HIV test reports by province/territory and year of test. The data are based on positive serology results for cases over 2 years of age for Ontario, Quebec and British Columbia.

Source: Health Canada, Population and Public Health Branch; HIV and AIDS in Canada Surveillance Report to June 30, 2002

Hysterectomy rate:

Age-standardized rate of hysterectomy (CCP 80.2–80.6 or ICD-9-CM 68.3–68.7, 68.9) provided to inpatients in acute care hospitals, per 100,000 women age 20 and older.

Source: CIHI, Hospital Morbidity Database

Inflow/Outflow ratio:

A ratio of the number of separations from acute care hospitals within a given region divided by the number of acute care hospital discharges generated by residents of that region. An overall ratio is calculated for discharges associated with any diagnosis or procedure and separately for coronary artery bypass surgery, total hip replacement, total knee replacement and hysterectomy procedures.

Source: CIHI, Hospital Morbidity Database

In-hospital 30-day Acute Myocardial Infarction (AMI) mortality rate:

The risk adjusted rate of all cause in-hospital death occurring within 30 days of first admission to an acute care hospital with a diagnosis of AMI (ICD-9 410). Rates are based on three years of pooled data.

Source: CIHI, Hospital Morbidity Database

In-hospital 30-day Stroke mortality rate:

The risk adjusted rate of all cause in-hospital death occurring within 30 days of first admission to an acute care hospital with a diagnosis of stroke (ICD-9 430–432, 434, 436). Rates are based on three years of pooled data.

Source: CIHI, Hospital Morbidity Database

Injury hospitalization rate:

Age-standardized rate of acute care hospitalization due to injuries resulting from the transfer of energy (E800–E807, E810–E838, E840–E848, E880–E888, E890–E902, E906–E910, E913–E928, E953–E958, E960–E961, E963–E968, E970–E976, E978, E983–E988, E990–E998), per 100,000 population.

Source: CIHI, National Trauma Registry

Knee replacement rate:

Age-standardized rate of total knee replacement surgery (unilateral or bilateral) (CCP 93.40, 93.41 or ICD-9-CM 81.54, 81.55) performed on inpatients in acute care hospitals, per 100,000 population.

Source: CIHI, Hospital Morbidity Database

Leisure time activity:

Population aged 12 and over reporting level of physical activity, based on their responses to questions about the frequency, duration and intensity of their participation in leisure-time physical activity.

Source: Statistics Canada, Canadian Community Health Survey, 2000/01, health file

Life Stress:

Population aged 18 and over who reported their level of life stress as 'quite a lot'.

Source: Statistics Canada, Canadian Community Health Survey, 2000/01, health file

Physicians:

Number of general practitioners (including uncertified specialists) and family practitioners (family medicine and emergency family medicine specialists) on December 31st of the reference year, per 100,000 population; number of specialist physicians on December 31st of the reference year, per 100,000 population. Speciality is based on most recent certified specialty, and does not necessarily reflect: the services a physician provides; how a physician bills a medical service plan; or the range of services a physician may be provisionally licensed to provide by a province/territory. As such, rates may differ from other sources that use data that categorize physicians on some other basis. For example, some provinces/territories utilize physicians without Canadian specialty certification (i.e., not certified by the Royal College of Physicians and Surgeons, the College of Family Physicians of Canada, and/or the College des médecins du Québec) in the exclusive delivery of specialist services, and refer to these physicians as specialists; in the physician per 100,000 rates provided, these physicians would be counted as general practitioners. Physician per 100,000 rates use updated population estimates and may differ slightly from previously published figures. Data includes physicians in clinical and non-clinical practice and excludes residents and physicians who are not licensed to provide clinical practice and have requested to the Business Information Group that their data not be published. Yukon and Alberta data for 2000 do not reflect the annual update from the Government of the Yukon or the College of Physicians and Surgeons of Alberta, respectively.

Source: CIHI, Southam Medical Database

Pneumonia and influenza hospitalization:

Age-standardized acute care hospitalization rate for pneumonia and influenza (ICD-9 480–487), per 100,000 population age 65 and older.

Source: CIHI, Hospital Morbidity Database

Population estimates:

The number of people living in a geographic area. A population's size and age/sex composition impact the health status of a region and its need for health services. Population data also provide the "denominators" used to calculate rates for most health and social indicators.

Sources: Statistics Canada, Demography Division. Data are derived from the Census and administrative sources on births, deaths, and migration. Population growth for Quebec, Alberta and British Columbia were supplied by the Institut de la statistique du Québec, Alberta Health and Wellness and B.C. Stats respectively.

Potential years of life lost (PYLL):

Potential years of life lost (PYLL) is the number of years of life "lost" when a person dies "prematurely" from any cause—before age 75. A person dying at age 25, for example, has lost 50 years of life. Potential years of life lost are calculated by taking the median age in each age group, subtracting from 75, and multiplying by the number of deaths in that age group disaggregated by sex and cause of death. These data are presented as a rate per 100,000 population. Causes of death: lung cancer (ICD-9 162), female breast cancer (ICD-9 174), prostate cancer (ICD-9 185), acute myocardial infarction (AMI) (ICD-9 410), all stroke (ICD-9 430–432, 434, 436), unintentional injuries (ICD-9 E800–E929 excluding E870–E879).

Sources: Statistics Canada, Vital Statistics, Death Database, and Demography Division (population estimates)

Readmission rate—Acute Myocardial Infarction (AMI):

The risk adjusted rate of unplanned readmission following discharge for Acute Myocardial Infarction (ICD-9 410). A case is counted as a readmission if it is for a relevant diagnosis and occurs within 28 days after the index AMI episode of care. Rates are based on three years of pooled data.

Source: CIHI, Discharge Abstract Database

Readmission rate—Asthma:

The risk adjusted rate of unplanned readmission following discharge for Asthma (ICD-9 493). A case is counted as a readmission if it is for a relevant diagnosis and occurs within 28 days after the index episode of care. Rates are based on three years of pooled data.

Source: CIHI, Discharge Abstract Database

Readmission rate—Hysterectomy:

The risk adjusted rate of unplanned readmission following discharge for Hysterectomy (CCP 80.2–80.6 or ICD-9-CM 68.3–68.7, 68.9). A case is counted as a readmission if it is for a relevant diagnosis and occurs within 7 or 28 days after the index episode of care. Rates are based on three years of pooled data.

Source: CIHI, Discharge Abstract Database

Readmission rate—Pneumonia:

The risk adjusted rate of unplanned readmission following discharge for Pneumonia (ICD-9 481, 482, 485, 486). A case is counted as a readmission if it is for a relevant diagnosis or procedure and occurs within 28 days after the index episode of care. Rates are based on three years of pooled data.

Source: CIHI, Discharge Abstract Database

Readmission rate—Prostatectomy:

The risk adjusted rate of unplanned readmission following discharge for Prostatectomy (CCP 72.1, 72.2, 72.3, 72.5 or ICD-9-CM 60.3, 60.4, 60.6). A case is counted as a readmission if it is for a relevant diagnosis or procedure and occurs within 28 days after the index episode of care. Rates are based on three years of pooled data.

Source: CIHI, Discharge Abstract Database

Self-rated health:

Population aged 12 and over who rate their own health status as either “very good” or “excellent”.

Source: Statistics Canada, Canadian Community Health Survey, 2000/01, health file

Smoking Status:

Population aged 12 and over who reported being either a smoker (daily or occasional) or a non-smoker (former or never smoked).

Source: Statistics Canada, Canadian Community Health Survey, 2000/01, health file

Tuberculosis:

Number of cases of reported new active and relapsed tuberculosis cases meeting the Canadian tuberculosis case definition.

Source: Health Canada, Population and Public Health Branch; Tuberculosis in Canada, 2001

Vaginal Birth After Caesarean Section:

Proportion of women who have previously received a Caesarean section, who give birth via a vaginal delivery in an acute care hospital.

Source: CIHI, Hospital Morbidity Database

Unemployment rate:

Labour force aged 15 and over who did not have a job during the reference period. The labour force consists of people who are currently employed and people who are unemployed but were available to work in the reference period and had looked for work in the past 4 weeks. The reference period refers to a one-week period (from Sunday to Saturday) that usually includes the 15th day of the month. A traditional measure of the economy. Unemployed people tend to experience more health problems.

Source: Statistics Canada, Labour Force Survey (special tabulations)

Urban:

People living in urban areas. An urban area is defined as having a minimum population of 1,000 and a population density of 400 people per square kilometre. This community characteristic allows users to compare regions with similar proportions of urban/rural population.

Source: Statistics Canada, 2001 Census

Youth unemployment rate:

Labour force aged 15–24 who did not have a job during the reference period.

Source: Statistics Canada, Labour Force Survey (special tabulations)

General Notes

- The methodology used for these indicators was designed to maximize inter-regional and inter-provincial and territorial comparability. For this reason, and because the indicators are based on the latest updates available at the time of publication, there may be differences with definitions and data sources used in other reports.
- Health regions are defined by provincial governments as the areas of responsibility for regional health boards (i.e., legislated) or as regions of interest to health care authorities. In order to provide for more stable rate estimation, as well as less suppression due to privacy and confidentiality issues, only data from regions with a population of at least 75,000 are reported. Boundaries are those that were in effect as of April 1, 2003.
- Health region boundaries for British Columbia, Alberta, Saskatchewan and Manitoba have been redefined and may not conform to earlier definitions.
- Data are based on a patient's region of residence, which may not be the same as the region of hospitalization.
- Standardized rates are age-adjusted using a direct method of standardization based on the July 1, 1991 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.
- The 30-day in-hospitality mortality and readmission indicator rates are based on a 3-year pooled average (1998–1999 to 2000–2001). Due to differences in the way data are collected, these indicators are not available for all provinces and territories. The average (Canada) rate may not include all provinces/territories.
- Indicators based on the Discharge Abstract Database include only jurisdictions that submit comprehensively to the database. Therefore, data from Quebec and some parts of Manitoba are not available.

**For more information and detailed technical notes,
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