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Health Regions: Boundaries and Correspondence with Census Geography



2007



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Statistics Canada
Health Statistics Division

Health Regions: Boundaries and Correspondence with Census Geography

2007

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Symbols

The following standard symbols are used in Statistics Canada publications:

.	not available for any reference period
..	not available for a specific reference period
...	not applicable
0	true zero or a value rounded to zero
0 ^s	value rounded to 0 (zero) where there is a meaningful distinction between true zero and the value that was rounded
P	preliminary
r	revised
X	suppressed to meet the confidentiality requirements of the <i>Statistics Act</i>
E	use with caution
F	too unreliable to be published

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Introduction

This issue describes in detail the health region limits as of December 2007 and their correspondence with the 2006 and 2001 Census geography. Health regions are defined by the provinces and represent administrative areas or regions of interest to health authorities. This product contains correspondence files (linking health regions to census geographic codes) and digital boundary files. User documentation provides an overview of health regions, sources, methods, limitations and product description (file format and layout).

In addition to the geographic files, this product also includes 2001 Census data (basic profile) for health regions.

What's new?

This issue contains the health region limits as of December 2007 and their correspondence with 2006 Census geography. Only minor changes have occurred since June 2005:

- In February 2006 a small boundary change in New Brunswick occurred: Cambridge-Narrows village (population 717) was reassigned from Region 2 to Region 3.
- In November 2005 Prince Edward Island officially disbanded the four health regions. The three existing counties (census divisions) provide an alternative set of boundaries to retain relevant subprovincial data from the CCHS, commencing June 2008.
- The health region codes for Alberta have been updated to align with codes used by Alberta Health and Wellness.

The boundaries, health region codes and health region names in the remaining provinces and territories have not changed.

Background

In recent years there has been an increasing demand for relevant health information at a 'community' level. As a result, health regions have become an important geographic unit by which health and health-related data are produced.

Health regions are legislated administrative areas defined by provincial ministries of health. These administrative areas represent geographic areas of responsibility for hospital boards or regional health authorities. Health regions, being provincial administrative areas, are subject to change.

Since the last update of this product in 2005 there have been few changes in the provincial health regions. Existing changes include a small boundary change in New Brunswick and the abolishment of the health regions in Prince Edward Island. The health region codes for Alberta have been updated to align with codes used by Alberta Health and Wellness. The 2007 "Health Regions: Boundaries and Correspondence with Census Geography" reflects the boundaries as of December 2007 and provides the geographic linkage to 2001 and 2006 Censuses.

Description

The generic term "health region" applies to a variety of administrative areas across Canada that are defined by provincial ministries of health. For complete Canadian coverage, each northern territory represents a health region.

The following table describes the health regions, by province, with reference to the provincial legislation under which these areas have been defined.

Table 1
Health regions and relevant legislation, by province, 2007

Province /territory	Health Regions 2007	Units	Relevant Legislation
Newfoundland	Regional Integrated Health Authorities	4	Regional Integrated Health Authorities Order under s.4 and s.21 of the <i>Hospitals Act</i> (O.C.) 2005-052)
Prince-Edward-Island	...	1*	In November 2005 Prince Edward Island officially disbanded the four health regions.
Nova Scotia	Zones District Health Authorities	6 9	Health Authorities Act (Statutes of Nova Scotia 2000, c. 6) sec.84
New Brunswick	Health Regions	7	Regional Health Authorities Act (Chapter R-5.05) - Schedule A
Quebec	<i>Régions sociosanitaires (RSS)</i>	18	<i>Article 339 de la Loi sur les services de santé et les services sociaux (L.R.Q., chapitre S-4.2); la Loi sur les services de santé et les services sociaux (L.R.Q., chapitre S-5); les décrets 1213-78, 1813-91, 1815-91, 1816-91, 1817-91, 1818-91, 1819-91, 1820-91, 1821-91, 1822-91, 1823-91, 1824-91, 1825-91, 1826-91, 1827-91, 1828-91, 655-94.</i>
Ontario	Public Health Units Local Health Integration Networks	36 14	Regulation 553 (Revised Regulations of Ontario), pursuant to Health Protection and Promotion Act R.S.O. 1990, Amended to O. Reg. 64/05 legislation unavailable at this time
Manitoba	Regional Health Authorities	11	Regional Health Authorities Establishment Regulation (regulation 207/97) pursuant to The Regional Health Authorities Act (C.C.S.M. c. R34); amended Regulations 99/2002 and 169/2002.
Saskatchewan	Regional Health Authorities	13	The Regional Health Services Act, Chapter R-8.2; The Regional Health Services Administration Regulations, Chapter R-8.2 Reg 1
Alberta	Regional Health Authorities	9	Regional Health Authorities Act Chapter R-10
British Columbia	Health Service Delivery Areas (HSDA)	16	Health Authorities Amendment Act, Statutes of B.C. 2002 (see B.C. Regulation 225/2003 also); Health Authorities Act Chapter 180 (and associated Regulations)

Province /territory	Health Regions 2007	Units	Relevant Legislation
Yukon Territories	...	1*	An Act To Amend the Public Health Act, Statutes of the Yukon, 1997
North-West Territories	...	1*	Consolidation of Northwest Territories Health District Establishment Order, R-080-2000 (pursuant to Public Health Act)
Nunavut	...	1*	Public Health Act (Statutes of Northwest Territories 1998 chapter 5)

* entire province/territory represents a health region

Health region code structure

A four digit numeric code is used to uniquely identify health regions. The first two digits represent the province, and the second two digits represent the health region. These codes reflect the same codes used by the provincial ministries of health. For those provinces where a numeric code is not applicable, a two-digit code was assigned. Ontario uses a 4-digit code for public health units. This code was truncated to the last two digits for consistency in the national health region code structure. Since Ontario has two sets of health regions, which do not entirely relate hierarchically, their codes are unique within the province. The codes in Alberta have been updated to align with the codes used by Alberta Health and Wellness.

The names of the health regions also represent the official names used by the provinces. See Appendix 1 – Health regions 2007: Names and codes by province and territory.

Correspondence files

Production of health region level data requires geographic coding tools. Since census geography does not recognize provincial health region boundaries, a health region-to-census geography correspondence file provides the linkage between health regions and their component census geographic units. These correspondence files use the smallest relevant census geographic unit.

To accommodate various data sources producing health region level data, linkage has been created for both 2006 and 2001 Census geographies. The layout of these correspondence files includes the seven-digit Standard geographic classification (SGC) code. The SGC code uniquely represents census subdivisions (CSD).

Most health regions comprise entire CSDs (see Table 2). However, there are some cases where health regions do not conform with municipalities. The 2006 and 2001 Census linkages were created at the dissemination area (DA) level and block level for Alberta, Saskatchewan and Manitoba¹. Even these smaller geographic areas (DA/blocks) sometimes straddle health region boundaries. In those cases, the entire DA (or block) was assigned, in conjunction with the affected province, to just one health region and therefore represents a 'best fit' with census geography.

1. The correspondence file for Ontario Local Health Integration Network is at the dissemination area level however a dissemination block level file is available on request. Please contact Client Services (613951-1746; hds@statcan.ca), Health Statistics Division.

Other data sources use postal codes to geographically reference data records. These data are first converted to census geographic units using the Statistics Canada postal code conversion file, then linked to health regions based on the correspondence file.

Correspondence files were provided by Alberta (Alberta Treasury supplied files with health region to 2006 Census blocks), British Columbia (BC Stats provided health region to 2006 DAs), Quebec (*ministère de la Santé et des Services Sociaux* provided health region to 2006 DAs) and Manitoba (Manitoba Health provided health region to 2006 DAs).

Table 2
Census geography definitions

Geographic Term	Definition
Census Subdivision (CSD)	Area that is a municipality or an area that is deemed to be equivalent to a municipality for statistical reporting purposes (for example, as an Indian reserve or an unorganized territory). Municipal status is defined by laws in effect in each province and territory in Canada.
Dissemination area (DA)	Small area composed of one or more neighboring blocks, with a population of 400 to 700 persons. All of Canada is divided into dissemination areas.
2001 Census block /2006 Census dissemination block	An area equivalent to a city block bounded by intersecting streets. These areas cover all of Canada.

The dissemination-area/block-to-health region (DA/block-to-HR) correspondence files provided in this publication are available in comma-separated value (CSV) format for each province and for the northern territories.

To access the correspondence files, go to
<http://www.statcan.ca/english/freepub/82-402-XIE/2007001/corr.htm>

Record layout

The record layout of the files is shown in the following tables.

Table 3
2006 Census health region correspondence file layout

Variable name	Comments
DAUID / BLKUID**	(dissemination area unique ID / block unique ID) PR-CD-DA (province, census division, dissemination area, census block**)
CSDUID	(Standard geographical classification [SGC] code) PR-CD-CSD (province, census division, census subdivision)
PR-HRUID	(health region code) PR-HR (province, health region) unique ID
HRNAME	(health region name)
POP2006	(unadjusted 2006 Census population count)

** 10-digit census block ID (BLKUID) applies to the provinces of Manitoba, Saskatchewan, and Alberta only. The first 8 digits comprise the DA code (DAUID) for these provinces

Table 4
2001 Census health region correspondence file layout

Variable name	Comments
DAUID / BLKUID**	(dissemination area unique ID / block unique ID) PR-CD-DA (province, census division, dissemination area, census block**)
CSDUID	(Standard geographical classification [SGC] code) PR-CD-CSD (province, census division, census subdivision)
HRUID	(health region code) PR-HR (province, health region) unique ID
HRNAME	(health region name)
POP2001	(unadjusted 2001 Census population count)

** 10-digit census block ID (BLKUID) applies to the provinces of Manitoba, Saskatchewan, and Alberta only. The first 8 digits comprise the DA code (DAUID) for these provinces

Health regions and standard geography

For the most part, health regions can be described as groupings of counties (census divisions) or municipalities (census subdivisions). This description holds especially true in the Atlantic provinces, Quebec, and Ontario (with minor exceptions in northern Ontario). In the western provinces, health regions are less likely to follow census division or census subdivision boundaries.

The following table provides a count, by province, of census subdivisions that fall in more than one health region.

Table 5
Census subdivisions linked to more than one health region

Provinces with splits	2001 Census Subdivisions	2006 Census Subdivisions
Newfoundland and Labrador	1	0
Nova Scotia District Health Authorities	1	1
Ontario Local Health Integration Network	0	9
Ontario Public Health Units	4	1
Manitoba	8	7
Saskatchewan	48	45
Alberta	7	9
British Columbia	12	6

Boundary files

The health region boundaries provided in this product are based on 2006 and 2001 Census geographic units. The smallest geographic unit available has been used as the building block to define health regions. In all provinces except Alberta, Saskatchewan and Manitoba, the dissemination area was used to define health regions. In the western provinces, the DA is not ideal and would create additional distortion. Therefore, the dissemination block has been used to improve the accuracy of these boundaries. Even with this improved resolution, the boundary files do not always reflect the true, legal limits recognized by the provinces. For the most part, they are based on a best-fit linkage to

census geography. To maximize comparability, the provincial ministries of health shared their census linkage files where applicable.

Method used to create health region 2007 boundary files

The latest boundaries for health regions were produced under several different circumstances:

1. Provinces reporting no geographic changes since 2005

The majority of the provinces and all of the territories did not report any geographic changes since the 2005 update. Contacts in the health ministries in Newfoundland and Labrador, Nova Scotia, New Brunswick, Quebec, Ontario, Manitoba, Saskatchewan, Alberta, British Columbia, Yukon, Northwest Territories and Nunavut reported no health region boundary changes.

2. Boundary changes – correspondence files created by Statistics Canada

In New Brunswick, the entire CSD of Cambridge-Narrows village (population 717) was reassigned from Region 2 to Region 3.

In November 2005 Prince Edward Island officially disbanded the four health regions. The three existing counties (census divisions) are presented as an alternative set of boundaries to retain relevant subprovincial data from the CCHS, commencing June 2008.

Boundary file formats

All digital health region boundaries in this publication are available in two formats: ARC/INFO® shapefile format and MapInfo® format version 8.0.

The ARC/INFO® shapefile is supplied as a self-extracting (EXE) zip file. This file expands to provide four files of different extensions which are: DBF, SHP, PRJ and SHX. The MapInfo® format is supplied as a self-extracting (EXE) zip file. This file expands to provide four files of different extensions which are: TAB, DAT, ID, and MAP.

Boundary files are provided as a national boundary file and are provided as individual provincial boundary files. These boundaries are in Lambert Conformal Conic projection.

Projection information

The map projection parameters used to create the health region boundaries are as follows;

Lambert Conformal Conic

Datum = NAD83

Units = meters

Spheroid = GRS 1980

Parameters:

1st standard parallel: 49° 00' 00"

2nd standard parallel: 77° 00' 00"

Central Meridian: -91° 52' 00"

Latitude of Projection Origin: 63° 23' 26.43"
False Easting: 6200000
False Northing: 3000000

To view boundary files, go to <http://www.statcan.ca/english/freepub/82-402-XIE/2007001/region.htm>

Acknowledgements

Health Statistics Division worked closely with the provincial Ministries of Health and the Geography Division of Statistics Canada to produce this product. BC Stats, Alberta Treasury, *le ministère de la Santé et des Services sociaux du Québec* and Manitoba Health also contributed directly to this work by providing health region-to-census geography linkage files.

Appendices

Appendix 1

Health regions in Canada, 2007 (names and codes)

Newfoundland and Labrador

- 1011 Eastern Regional Integrated Health Authority
- 1012 Central Regional Integrated Health Authority
- 1013 Western Regional Integrated Health Authority
- 1014 Labrador-Grenfell Regional Integrated Health Authority

Prince Edward Island

- 1101 Kings County
- 1102 Queens County
- 1103 Prince County

Nova Scotia

- 1201 Zone 1
- 1202 Zone 2
- 1203 Zone 3
- 1204 Zone 4
- 1205 Zone 5
- 1206 Zone 6

- 1211 DHA 1
- 1212 DHA 2
- 1213 DHA 3
- 1214 DHA 4
- 1215 DHA 5
- 1216 DHA 6
- 1217 DHA 7
- 1218 DHA 8
- 1219 DHA 9

New Brunswick

- 1301 Region 1
- 1302 Region 2
- 1303 Region 3
- 1304 Region 4
- 1305 Region 5
- 1306 Region 6
- 1307 Region 7

Quebec

- 2401 Région du Bas-Saint-Laurent
- 2402 Région du Saguenay - Lac-Saint-Jean
- 2403 Région de la Capitale-Nationale
- 2404 Région de la Mauricie et du Centre-du-Québec
- 2405 Région de l'Estrie
- 2406 Région de Montréal
- 2407 Région de l'Outaouais
- 2408 Région de l'Abitibi-Témiscamingue
- 2409 Région de la Côte-Nord
- 2410 Région du Nord-du-Québec

- 2411 Région de la Gaspésie - Îles-de-la-Madeleine
- 2412 Région de la Chaudière-Appalaches
- 2413 Région de Laval
- 2414 Région de Lanaudière
- 2415 Région des Laurentides
- 2416 Région de la Montérégie
- 2417 Région du Nunavik
- 2418 Région des Terres-Cries-de-la-Baie-James

Ontario

Local Health Integrated Networks (LHINs)

- 3501 Erie St. Clair
- 3502 South West
- 3503 Waterloo Wellington
- 3504 Hamilton Niagara Haldimand Brant
- 3505 Central West
- 3506 Mississauga Halton
- 3507 Toronto Central
- 3508 Central
- 3509 Central East
- 3510 South East
- 3511 Champlain
- 3512 North Simcoe Muskoka
- 3513 North East
- 3514 North West

Public Health Units

- 3526 The District of Algoma Health Unit
- 3527 Brant County Health Unit
- 3530 Durham Regional Health Unit
- 3531 Elgin-St Thomas Health Unit
- 3533 Grey Bruce Health Unit
- 3534 Haldimand-Norfolk Health Unit
- 3535 Haliburton, Kawartha, Pine Ridge District Health Unit
- 3536 Halton Regional Health Unit
- 3537 City of Hamilton Health Unit
- 3538 Hastings and Prince Edward Counties Health Unit
- 3539 Huron County Health Unit
- 3540 Chatham-Kent Health Unit
- 3541 Kingston, Frontenac and Lennox and Addington Health Unit
- 3542 Lambton Health Unit
- 3543 Leeds, Grenville and Lanark District Health Unit
- 3544 Middlesex-London Health Unit
- 3546 Niagara Regional Area Health Unit
- 3547 North Bay Parry Sound District Health Unit
- 3549 Northwestern Health Unit
- 3551 City of Ottawa Health Unit
- 3552 Oxford County Health Unit
- 3553 Peel Regional Health Unit
- 3554 Perth District Health Unit
- 3555 Peterborough County-City Health Unit

3556 Porcupine Health Unit
3557 Renfrew County and District Health Unit
3558 The Eastern Ontario Health Unit
3560 Simcoe Muskoka District Health Unit
3561 Sudbury and District Health Unit
3562 Thunder Bay District Health Unit
3563 Timiskaming Health Unit
3565 Waterloo Health Unit
3566 Wellington-Dufferin-Guelph Health Unit
3568 Windsor-Essex County Health Unit
3570 York Regional Health Unit
3595 City of Toronto Health Unit

Manitoba

4610 Winnipeg Regional Health Authority
4615 Brandon Regional Health Authority
4620 North Eastman Regional Health Authority
4625 South Eastman Regional Health Authority
4630 Interlake Regional Health Authority
4640 Central Regional Health Authority
4645 Assiniboine Regional Health Authority
4660 Parkland Regional Health Authority
4670 Norman Regional Health Authority
4680 Burntwood Regional Health Authority
4690 Churchill Regional Health Authority

Saskatchewan

4701 Sun Country Regional Health Authority
4702 Five Hills Regional Health Authority
4703 Cypress Regional Health Authority
4704 Regina Qu'Appelle Regional Health Authority
4705 Sunrise Regional Health Authority
4706 Saskatoon Regional Health Authority
4707 Heartland Regional Health Authority
4708 Kelsey Trail Regional Health Authority
4709 Prince Albert Parkland Regional Health Authority
4710 Prairie North Regional Health Authority
4711 Mamawetan Churchill River Regional Health Authority
4712 Keewatin Yatthé Regional Health Authority
4713 Athabasca Health Authority

Alberta

4821 Chinook Regional Health Authority
4822 Palliser Health Region
4823 Calgary Health Region
4824 David Thompson Regional Health Authority
4825 East Central Health
4826 Capital Health
4827 Aspen Regional Health Authority
4828 Peace Country Health
4829 Northern Lights Health Region

British Columbia

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/Coast Garibaldi
5941 South Vancouver Island
5942 Central Vancouver Island
5943 North Vancouver Island
5951 Northwest
5952 Northern Interior
5953 Northeast

Yukon Territory

6001 Yukon Territory

Northwest Territories

6101 Northwest Territories

Nunavut

6201 Nunavut

Appendix 2
Summary of changes to health regions, 2005 and 2007

Province /territory	Health regions 2005	Units	Health Regions 2007	Units	Comments
Newfoundland	Regional Integrated Health Authorities (RIHAs)	4	Regional Integrated Health Authorities (RIHAs)	4	no change
Prince Edward Island	Health Regions	4	Health Regions	3	Restructuring by the province collapsed the four administrative areas into one in November 2005. Data will be presented by the three counties.
Nova Scotia	Zones	6	Zones	6	no change
	District Health Authorities	9	District Health Authorities	9	no change
New Brunswick	Health Regions	7	Health Regions	7	Census subdivision Cambridge-Narrows village (population 717) moved from Region 2 to Region 3
Quebec	<i>Régions sociosanitaires</i>	18	<i>Régions sociosanitaires</i>	18	no change
Ontario	Public Health Units	36	Public Health Units	36	no change
	Local Health Intergration Network	14	Local Health Intergration Network	14	no change
Manitoba	Regional Health Authorities	11	Regional Health Authorities	11	no change
Saskatchewan	Regional Health Authorities	13	Regional Health Authorities	13	no change
Alberta	Regional Health Authorities	9	Regional Health Authorities	9	The codes in Alberta have been updated to align with the codes used by Alberta Health and Wellness.
British Columbia	Health Service Delivery Areas (HSDA)	16	Health Service Delivery Areas (HSDA)	16	no change
Yukon Territories	Territory	1	Territory	1	no change
Northwest Territories	Territory	1	Territory	1	no change
Nunavut	Territory	1	Territory	1	no change

Appendix 3

Detailed list of census subdivisions split by two or more health regions, 2006

Census subdivisions	Health region codes	Health region names	Population	% population split in census subdivisions
Nova Scotia - District Health Authority				
	1214	District Health Authority 4	20,500	95.9%
1208008	1219	District Health Authority 9	887	4.1%
	Subtotal		21,387	100.0%
Ontario - Local Health Integration Network				
	3505	Central West	29,364	12.3%
3519028	3508	Central	209,502	87.7%
	Subtotal		238,866	100.0%
	3505	Central West	127,097	5.1%
	3506	Mississauga Halton	102,818	4.1%
3520005	3507	Toronto Central	1,090,301	43.6%
	3508	Central	606,126	24.2%
	3509	Central East	576,939	23.0%
	Subtotal		2,503,281	100.0%
	3505	Central West	38,204	5.7%
3521005	3506	Mississauga Halton	630,345	94.3%
	Subtotal		668,549	100.0%
	3502	South West	13,342	21.3%
3528052	3504	Hamilton Niagara Haldimand Brant	49,221	78.7%
	Subtotal		62,563	100.0%
	3502	South West	11,582	95.0%
3542004	3503	Waterloo Wellington	611	5.0%
	Subtotal		12,193	100.0%
	3502	South West	6,634	70.0%
3542015	3512	North Simcoe Muskoka	2,846	30.0%
	Subtotal		9,480	100.0%
	3502	South West	3,361	49.2%
3542045	3512	North Simcoe Muskoka	3,464	50.8%
	Subtotal		6,825	100.0%
	3508	Central	10,685	99.9%
3543003	3512	North Simcoe Muskoka	10	0.1%
	Subtotal		10,695	100.0%
	3508	Central	750	4.4%
3543021	3512	North Simcoe Muskoka	16,151	95.6%
	Subtotal		16,901	100.0%
Ontario - Public Health Units				
	3549	Northwestern Health Unit	7,041	100.0%
3560090	3562	Thunder Bay District Health Unit	0	0.0%
	Subtotal		7,041	100.0%

Census subdivisions	Health region codes	Health region names	Population	% population split in census subdivisions
Manitoba				
	4620	North Eastman	668	59.1%
4601094	4625	South Eastman	462	40.9%
	Subtotal		1,130	100.0%
	4610	Winnipeg	0	0.0%
4602075	4625	South Eastman	5,046	99.9%
	4640	Central	5	0.1%
	Subtotal		5,051	100.0%
	4615	Brandon	0	0.0%
4607065	4645	Assiniboine	1,902	100.0%
	Subtotal		1,902	100.0%
	4640	Central	579	98.3%
4608033	4645	Assiniboine	10	1.7%
	Subtotal		589	100.0%
	4640	Central	446	30.8%
4617026	4660	Parkland	1,000	69.2%
	Subtotal		1,446	100.0%
	4620	North Eastman	710	21.8%
4619045	4630	Interlake	592	18.2%
	4660	Parkland	1,953	60.0%
	Subtotal		3,255	100.0%
	4670	Norman	1,843	97.7%
4621078	4680	Burntwood	44	2.3%
	Subtotal		1,887	100.0%
Saskatchewan				
	4701	Sun Country	290	83.3%
4701091	4704	Regina Qu'Appelle	58	16.7%
	Subtotal		348	100.0%
	4701	Sun Country	284	83.3%
4701094	4704	Regina Qu'Appelle	57	16.7%
	Subtotal		341	100.0%
	4701	Sun Country	0	
4702800	4702	Five Hills	0	
	4704	Regina Qu'Appelle	0	
	Subtotal		0	100.0%
	4701	Sun Country	272	100.0%
4703001	4702	Five Hills	0	0.0%
	Subtotal		272	100.0%
	4701	Sun Country	125	51.0%
4703006	4702	Five Hills	120	49.0%
	Subtotal		245	100.0%
4703064	4702	Five Hills	127	54.7%

Census subdivisions	Health region codes	Health region names	Population	% population split in census subdivisions
	4703	Cypress	105	45.3%
	Subtotal		232	100.0%
4705011	4701	Sun Country	170	37.9%
	4704	Regina Qu'Appelle	279	62.1%
	Subtotal		449	100.0%
4705014	4701	Sun Country	414	94.3%
	4704	Regina Qu'Appelle	25	5.7%
	Subtotal		439	100.0%
4705018	4701	Sun Country	286	74.1%
	4704	Regina Qu'Appelle	100	25.9%
	Subtotal		386	100.0%
4705063	4704	Regina Qu'Appelle	238	46.9%
	4705	Sunrise	270	53.1%
	Subtotal		508	100.0%
4705804	4704	Regina Qu'Appelle	506	100.0%
	4705	Sunrise	0	0.0%
	Subtotal		506	100.0%
4706021	4702	Five Hills	244	49.8%
	4704	Regina Qu'Appelle	246	50.2%
	Subtotal		490	100.0%
4706059	4702	Five Hills	60	11.1%
	4704	Regina Qu'Appelle	480	88.9%
	Subtotal		540	100.0%
4706063	4702	Five Hills	45	17.7%
	4704	Regina Qu'Appelle	209	82.3%
	Subtotal		254	100.0%
4706071	4704	Regina Qu'Appelle	84	14.8%
	4706	Saskatoon	482	85.2%
	Subtotal		566	100.0%
4706099	4704	Regina Qu'Appelle	210	85.7%
	4705	Sunrise	35	14.3%
	Subtotal		245	100.0%
4706818	4704	Regina Qu'Appelle	109	55.9%
	4705	Sunrise	86	44.1%
	Subtotal		195	100.0%
4709060	4705	Sunrise	392	64.2%
	4708	Kelsey Trail	219	35.8%
	Subtotal		611	100.0%
4710024	4704	Regina Qu'Appelle	181	28.6%
	4706	Saskatoon	452	71.4%
	Subtotal		633	100.0%
4710027	4704	Regina Qu'Appelle	581	100.0%

Census subdivisions	Health region codes	Health region names	Population	% population split in census subdivisions
	4706	Saskatoon	0	0.0%
	Subtotal		581	100.0%
4710031	4704	Regina Qu'Appelle	198	36.1%
	4706	Saskatoon	351	63.9%
	Subtotal		549	100.0%
4710036	4705	Sunrise	577	96.5%
	4706	Saskatoon	21	3.5%
	Subtotal		598	100.0%
4710041	4705	Sunrise	0	0.0%
	4706	Saskatoon	481	100.0%
	Subtotal		481	100.0%
4710042	4705	Sunrise	0	0.0%
	4706	Saskatoon	20	100.0%
	Subtotal		20	100.0%
4710071	4706	Saskatoon	776	80.8%
	4708	Kelsey Trail	184	19.2%
	Subtotal		960	100.0%
4710826	4705	Sunrise	47	12.3%
	4706	Saskatoon	334	87.7%
	Subtotal		381	100.0%
4711018	4702	Five Hills	45	12.9%
	4707	Heartland	305	87.1%
	Subtotal		350	100.0%
4711039	4704	Regina Qu'Appelle	114	41.6%
	4706	Saskatoon	150	54.7%
	4707	Heartland	10	3.6%
Subtotal		274	100.0%	
4711042	4704	Regina Qu'Appelle	25	14.3%
	4706	Saskatoon	150	85.7%
	Subtotal		175	100.0%
4712029	4706	Saskatoon	65	33.3%
	4707	Heartland	130	66.7%
	Subtotal		195	100.0%
4712050	4706	Saskatoon	70	16.2%
	4707	Heartland	362	83.8%
	Subtotal		432	100.0%
4712069	4707	Heartland	312	85.0%
	4710	Prairie North	55	15.0%
	Subtotal		367	100.0%
4713068	4707	Heartland	382	72.8%
	4710	Prairie North	143	27.2%
	Subtotal		525	100.0%

Census subdivisions	Health region codes	Health region names	Population	% population split in census subdivisions
	4706	Saskatoon	0	0.0%
4714035	4708	Kelsey Trail	607	100.0%
	Subtotal		607	100.0%
	4706	Saskatoon	221	43.1%
4715048	4708	Kelsey Trail	292	56.9%
	Subtotal		513	100.0%
	4706	Saskatoon	75	13.2%
4715054	4708	Kelsey Trail	70	12.3%
	4709	Prince Albert Parkland	425	74.6%
	Subtotal		570	100.0%
	4706	Saskatoon	442	43.9%
4715057	4709	Prince Albert Parkland	564	56.1%
	Subtotal		1,006	100.0%
	4706	Saskatoon	292	37.6%
4715061	4709	Prince Albert Parkland	484	62.4%
	Subtotal		776	100.0%
	4708	Kelsey Trail	252	35.3%
4715071	4709	Prince Albert Parkland	461	64.7%
	Subtotal		713	100.0%
	4706	Saskatoon	72	18.3%
4716005	4710	Prairie North	322	81.7%
	Subtotal		394	100.0%
	4709	Prince Albert Parkland	0	0.0%
4716028	4710	Prairie North	737	100.0%
	Subtotal		737	100.0%
	4709	Prince Albert Parkland	0	0.0%
4717001	4710	Prairie North	984	100.0%
	Subtotal		984	100.0%
	4710	Prairie North	2,627	100.0%
4717054	4712	Keewatin Yatthé	0	0.0%
	Subtotal		2,627	100.0%
	4709	Prince Albert Parkland	0	0.0%
4717812	4710	Prairie North	465	100.0%
	Subtotal		465	100.0%
	4708	Kelsey Trail	112	9.2%
	4709	Prince Albert Parkland	75	6.2%
	4710	Prairie North	0	0.0%
4718090	4711	Mamawetan Churchill River	397	32.6%
	4712	Keewatin Yatthé RHA	597	49.1%
	4713	Athabasca	35	2.9%
	Subtotal		1,216	100.0%

Census subdivisions	Health region codes	Health region names	Population	% population split in census subdivisions
Alberta				
4803018	4820	Chinook Regional Health Authority	2,345	43.9%
	4822	Calgary Health Region	2,992	56.1%
	Subtotal		5,337	100.0%
4803021	4820	Chinook Regional Health Authority	331	79.8%
	4822	Calgary Health Region	84	20.2%
	Subtotal		415	100.0%
4804004	4821	Palliser Health Region	760	36.6%
	4823	David Thompson Regional Health Authority	1,314	63.4%
	Subtotal		2,074	100.0%
4805012	4822	Calgary Health Region	8,159	99.9%
	4823	David Thompson Regional Health Authority	5	0.1%
	Subtotal		8,164	100.0%
4806028	4822	Calgary Health Region	5,957	48.1%
	4823	David Thompson Regional Health Authority	6,434	51.9%
	Subtotal		12,391	100.0%
4814003	4825	Capital Health	3083	30.7%
	4826	Aspen Regional Health Authority	6962	69.3%
	Subtotal		10,045	100.0%
4817027	4826	Aspen Regional Health Authority	5	0.1%
	4827	Peace Country Health	5,800	99.9%
	Subtotal		5,805	100.0%
4817076	4827	Peace Country Health	3,556	94.3%
	4828	Northern Lights Health Region	216	5.7%
	Subtotal		3,772	100.0%
4817860	4826	Aspen Regional Health Authority	425	100.0%
	4827	Peace Country Health	0	0.0%
	Subtotal		425	100.0%
British Columbia				
5903010	5911	East Kootenay	1,641	80.4%
	5912	Kootenay/Boundary	400	19.6%
	Subtotal		2,041	100.0%
5909060	5921	Fraser East	742	55.4%
	5922	Fraser North	597	44.6%
	Subtotal		1,339	100.0%

Census subdivisions	Health region codes	Health region names	Population	% population split in census subdivisions
	5922	Fraser North	123	1.1%
	5923	Fraser South	96	0.9%
5915020	5932	Vancouver	10,831	98.0%
	5933	North Shore/Coast Garibaldi	0	0.0%
	Subtotal		11,050	100.0%
	5914	Thompson/Cariboo	426	52.7%
5941039	5933	North Shore/Coast Garibaldi	382	47.3%
	Subtotal		808	100.0%
	5951	Northwest	483	45.6%
5951053	5952	Northern Interior	576	54.4%
	Subtotal		1,059	100.0%
	5952	Northern Interior	851	15.4%
5955040	5953	Northeast	4,687	84.6%
	Subtotal		5,538	100.0%

Source: Statistics Canada