

Catalogue no. 82-402-X

# Health Regions: Boundaries and Correspondence with Census Geography



2007 (updates)

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2007 (updates)

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## Note of appreciation

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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 2006 Census data (basic profile) for health regions.

## What's new?

This issue continues to reflect the health region limits as of December 2007 and their correspondence with 2006 Census geography. Health region codes and health region names have not changed, but there have been improvements to the level of precision in selected areas, resulting in minor revisions.

- British Columbia refined the precision of its census correspondence to the block and dissemination area (DA) level. This refinement to the block level caused minor adjustments to the British Columbia health region boundaries.
- Ontario Local Health Integrated Networks (LHINs) are now available at the block level.
- The boundary files for all health regions have been reconciled to the June 30<sup>th</sup>, 2006 version of Statistics Canada's geographic frame.
- Effective October 20, 2008 the names "Yukon Territory" in English and "Territoire du Yukon" in French became "Yukon" in English and French.
- 2006 Census basic profiles are now available.

## 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
<b>Newfoundland and Labrador</b>	Regional Integrated Health Authorities (RIHAs)	4	Regional Integrated Health Authorities Order under s.4 and s.21 of the Hospitals Act (O.C.) 2005-052)
<b>Prince Edward Island</b>	...	1 <sup>1</sup>	In November 2005 Prince Edward Island officially disbanded the four health regions.
<b>Nova Scotia</b>	Zones	6	...
	District Health Authorities	9	Health Authorities Act (Statutes of Nova Scotia 2000, c. 6) sec.84
<b>New Brunswick</b>	Health Regions	7	Regional Health Authorities Act (Chapter R-5.05) – Schedule A
<b>Quebec</b>	<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>
<b>Ontario</b>	Public Health Units	36	Regulation 553 (Revised Regulations of Ontario), pursuant to Health Protection and Promotion Act R.S.O. 1990, Amended to O. Reg. 64/05.
	Local Health Integration Networks	14	Local Health System Integration Act, 2006
<b>Manitoba</b>	Regional Health Authorities	12	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.
<b>Saskatchewan</b>	Regional Health Authorities	14	The Regional Health Services Act, Chapter R-8.2; The Regional Health Services Administration Regulations, Chapter R-8.2 Reg 1
<b>Alberta</b>	Regional Health Authorities	9	Regional Health Authorities Act Chapter R-10
<b>British Columbia</b>	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)
<b>Yukon</b>	...	1 <sup>1</sup>	An Act To Amend the Public Health Act, Statutes of the Yukon, 1997. Effective October 20, 2008, the names "Yukon Territory" in English and "Territoire du Yukon" in French become "Yukon" in English and in French, as per the Yukon Act (Chapter 7, assented March 27, 2002).



**Table 1**  
**Health regions and relevant legislation, by province, 2007 (continued)**

Province/territory	Health regions 2007	Units	Relevant Legislation
Northwest Territories	...	1 <sup>1</sup>	Consolidation of Northwest Territories Health District Establishment Order, R-080-2000 (pursuant to Public Health Act)
Nunavut	...	1 <sup>1</sup>	Public Health Act (Statutes of Northwest Territories 1998 chapter 5)

**Note:**

1. Entire province/territory represents a health region.  
... for figures not applicable.

## 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 in Canada, 2007](#) (names and codes).

## 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 British Columbia, Alberta, Saskatchewan, Manitoba, and Ontario (LHINS). 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.

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 neighbouring 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.

## 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 <sup>1</sup>	(dissemination area unique ID / block unique ID) PR-CD-DA (province, census division, dissemination area, census block <sup>1</sup> )
CSDUID	(Standard geographical classification [SGC] code) PR-CD-CSD (province, census division, census subdivision)
PR-HRUID2007	(health region code) PR-HR (province, health region) unique ID
ENG LABEL FRE LABEL	(health region name)
POP2006	(unadjusted 2006 Census population count)
<b>Note:</b>	
1. 10-digit census block ID (BLKUID) applies to the provinces of Ontario, Manitoba, Saskatchewan, Alberta and British Columbia 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 <sup>1</sup>	(dissemination area unique ID / block unique ID) PR–CD–DA (province, census division, dissemination area, census block <sup>1</sup> )
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)
<p><b>Note:</b>                      1. 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.</p>	

## 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 Networks	0	9
Ontario – Public Health Units	4	1
Manitoba	8	7
Saskatchewan	48	45
Alberta	7	9
British Columbia	12	6
Provinces with splits	2001 Census Subdivisions	2006 Census Subdivisions
Newfoundland and Labrador	1	0
New Brunswick	0	1
Nova Scotia District Health Authorities	1	1
Ontario Local Health Integration Network	0	10
Ontario Public Health Units	4	4
Manitoba	8	12
Saskatchewan	48	48
Alberta	7	9
British Columbia	12	(6) 19
Prince Edward Island	0	0
Quebec	0	0
Yukon	0	0
Northwest Territories	0	0
Nunavut	0	0

## 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 general, the legislated limits respect these units, but they do not respect DA's or blocks once the legislated boundaries are digitized. In all provinces except British Columbia, Alberta, Saskatchewan, Manitoba and Ontario (LHINs), the dissemination area was used to define health regions. However, in several instances, the actual physical legal limits split DAs. In the Prairie provinces and B.C. the dissemination block (DB) was used to improve the accuracy of these boundaries. **Even with this, the physical legal boundaries do not always reflect the legislated limits recognized by the provinces thus creating many instances of split dissemination blocks.**

The limits that did not respect STC geometry (the splits) were digitized by utilizing maps, spatial layers and/or descriptions supplied by and with the cooperation of the authority for each province.

### Method used to create health region 2007 boundary files

All processes and procedures to update the digital boundary files were carried out using ESRI® ArcGIS TM 9.2, ESRI® ArcCatalog TM 9.2, Microsoft® Access 2002 and Microsoft® Excel 2002.

#### 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.

In 2008, the British Columbia health authorities changed the health region relationship from Dissemination Areas to Blocks. This increased the number of CSD splits from 6 to 19.

### Boundary file formats

All digital health region boundaries in this publication are available in two formats: An Environmental Systems Research Institute (ESRI)® shapefile format and MapInfo® table format version 9.5.

The ESRI® shapefile is supplied in a zip file. This file expands to provide four files of different extensions which are: DBF, SHP, PRJ and SHX.

The MapInfo® format, ©Pitney Bowes Software Inc., is supplied in a 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.

## Projection information

The disseminated projection coordinate system of the health region boundary files is 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

## 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 correspondence files.

## Appendices

### Appendix 1 Health regions in Canada, 2007

#### 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 Country  
1102 Queens Country  
1103 Prince Country

#### 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**

6001 Yukon

**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 and Labrador	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 changes
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 (PHUs)	36	Public Health Units (PHUs)	36	no change
	Local Health Integrated Network (LHIN)	14	Local Health Integrated Network (LHIN)	14	no change
Manitoba	Regional Health Authorities	11	Regional Health Authorities	12	no change
Saskatchewan	Regional Health Authorities	13	Regional Health Authorities	14	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	Home Service Delivery Areas (HSDA)	16	Home Service Delivery Areas (HSDA)	16	Refinement to the block level resulted in minor boundary adjustments.
Yukon	Territory	1	Territory	1	Effective October 20, 2008, the names "Yukon Territory" in English and "Territoire du Yukon" in French become "Yukon" in English and in French, as per the Yukon Act (Chapter 7, assented March 27, 2002).
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
<b>Nova Scotia - District Health Authority</b>				
	1214	District Health Authority 4	20,500	95.9%
1208008	1219	District Health Authority 9	887	4.1%
	<b>Subtotal</b>		<b>21,387</b>	<b>100.0%</b>
<b>Ontario - Local Health Integration Network</b>				
	3505	Central West	29,364	12.3%
3519028	3508	Central	209,502	87.7%
	<b>Subtotal</b>		<b>238,866</b>	<b>100.0%</b>
	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%
	<b>Subtotal</b>		<b>2,503,281</b>	<b>100.0%</b>
	3505	Central West	38,204	5.7%
3521005	3506	Mississauga Halton	630,345	94.3%
	<b>Subtotal</b>		<b>668,549</b>	<b>100.0%</b>
	3502	South West	13,342	21.3%
3528052	3504	Hamilton Niagara Haldimand Brant	49,221	78.7%
	<b>Subtotal</b>		<b>62,563</b>	<b>100.0%</b>
	3502	South West	11,582	95.0%
3542004	3503	Waterloo Wellington	611	5.0%
	<b>Subtotal</b>		<b>12,193</b>	<b>100.0%</b>
	3502	South West	6,634	70.0%
3542015	3512	North Simcoe Muskoka	2,846	30.0%
	<b>Subtotal</b>		<b>9,480</b>	<b>100.0%</b>
	3502	South West	3,361	49.2%
3542045	3512	North Simcoe Muskoka	3,464	50.8%
	<b>Subtotal</b>		<b>6,825</b>	<b>100.0%</b>
	3508	Central	10,685	99.9%
3543003	3512	North Simcoe Muskoka	10	0.1%
	<b>Subtotal</b>		<b>10,695</b>	<b>100.0%</b>
	3508	Central	750	4.4%
3543021	3512	North Simcoe Muskoka	16,151	95.6%
	<b>Subtotal</b>		<b>16,901</b>	<b>100.0%</b>

**Appendix 3**
**Detailed list of census subdivisions split by two or more health regions, 2006 (continued)**

Census subdivisions	Health region codes	Health region names	Population	% population split in census subdivisions
<b>Ontario - Public Health Units</b>				
	3549	Northwestern Health Unit	7,041	100.0%
3560090	3562	Thunder Bay District Health Unit	0	0.0%
	<b>Subtotal</b>		<b>7,041</b>	<b>100.0%</b>
<b>Manitoba</b>				
	4620	North Eastman	668	59.1%
4601094	4625	South Eastman	462	40.9%
	<b>Subtotal</b>		<b>1,130</b>	<b>100.0%</b>
	4610	Winnipeg	0	0.0%
4602075	4625	South Eastman	5,046	99.9%
	4640	Central	5	0.1%
	<b>Subtotal</b>		<b>5,051</b>	<b>100.0%</b>
	4615	Brandon	0	0.0%
4607065	4645	Assiniboine	1,902	100.0%
	<b>Subtotal</b>		<b>1,902</b>	<b>100.0%</b>
	4640	Central	579	98.3%
4608033	4645	Assiniboine	10	1.7%
	<b>Subtotal</b>		<b>589</b>	<b>100.0%</b>
	4640	Central	446	30.8%
4617026	4660	Parkland	1,000	69.2%
	<b>Subtotal</b>		<b>1,446</b>	<b>100.0%</b>
	4620	North Eastman	710	21.8%
4619045	4630	Interlake	592	18.2%
	4660	Parkland	1,953	60.0%
	<b>Subtotal</b>		<b>3,255</b>	<b>100.0%</b>
	4670	Norman	1,843	97.7%
4621078	4680	Burntwood	44	2.3%
	<b>Subtotal</b>		<b>1,887</b>	<b>100.0%</b>
<b>Saskatchewan</b>				
	4701	Sun Country	290	83.3%
4701091	4704	Regina Qu'Appelle	58	16.7%
	<b>Subtotal</b>		<b>348</b>	<b>100.0%</b>
	4701	Sun Country	284	83.3%
4701094	4704	Regina Qu'Appelle	57	16.7%
	<b>Subtotal</b>		<b>341</b>	<b>100.0%</b>
	4701	Sun Country	0	
4702800	4702	Five Hills	0	
	4704	Regina Qu'Appelle	0	
	<b>Subtotal</b>		<b>0</b>	<b>100.0%</b>

**Appendix 3**
**Detailed list of census subdivisions split by two or more health regions, 2006 (continued)**

Census subdivisions	Health region codes	Health region names	Population	% population split in census subdivisions
	4701	Sun Country	272	100.0%
4703001	4702	Five Hills	0	0.0%
	<b>Subtotal</b>		<b>272</b>	<b>100.0%</b>
	4701	Sun Country	125	51.0%
4703006	4702	Five Hills	120	49.0%
	<b>Subtotal</b>		<b>245</b>	<b>100.0%</b>
	4702	Five Hills	127	54.7%
4703064	4703	Cypress	105	45.3%
	<b>Subtotal</b>		<b>232</b>	<b>100.0%</b>
	4701	Sun Country	170	37.9%
4705011	4704	Regina Qu'Appelle	279	62.1%
	<b>Subtotal</b>		<b>449</b>	<b>100.0%</b>
	4701	Sun Country	414	94.3%
4705014	4704	Regina Qu'Appelle	25	5.7%
	<b>Subtotal</b>		<b>439</b>	<b>100.0%</b>
	4701	Sun Country	286	74.1%
4705018	4704	Regina Qu'Appelle	100	25.9%
	<b>Subtotal</b>		<b>386</b>	<b>100.0%</b>
	4704	Regina Qu'Appelle	238	46.9%
4705063	4705	Sunrise	270	53.1%
	<b>Subtotal</b>		<b>508</b>	<b>100.0%</b>
	4704	Regina Qu'Appelle	506	100.0%
4705804	4705	Sunrise	0	0.0%
	<b>Subtotal</b>		<b>506</b>	<b>100.0%</b>
	4702	Five Hills	244	49.8%
4706021	4704	Regina Qu'Appelle	246	50.2%
	<b>Subtotal</b>		<b>490</b>	<b>100.0%</b>
	4702	Five Hills	60	11.1%
4706059	4704	Regina Qu'Appelle	480	88.9%
	<b>Subtotal</b>		<b>540</b>	<b>100.0%</b>
	4702	Five Hills	45	17.7%
4706063	4704	Regina Qu'Appelle	209	82.3%
	<b>Subtotal</b>		<b>254</b>	<b>100.0%</b>
	4704	Regina Qu'Appelle	84	14.8%
4706071	4706	Saskatoon	482	85.2%
	<b>Subtotal</b>		<b>566</b>	<b>100.0%</b>
	4704	Regina Qu'Appelle	210	85.7%
4706099	4705	Sunrise	35	14.3%
	<b>Subtotal</b>		<b>245</b>	<b>100.0%</b>

**Appendix 3**
**Detailed list of census subdivisions split by two or more health regions, 2006 (continued)**

Census subdivisions	Health region codes	Health region names	Population	% population split in census subdivisions
	4704	Regina Qu'Appelle	109	55.9%
4706818	4705	Sunrise	86	44.1%
	<b>Subtotal</b>		<b>195</b>	<b>100.0%</b>
	4705	Sunrise	392	64.2%
4709060	4708	Kelsey Trail	219	35.8%
	<b>Subtotal</b>		<b>611</b>	<b>100.0%</b>
	4704	Regina Qu'Appelle	181	28.6%
4710024	4706	Saskatoon	452	71.4%
	<b>Subtotal</b>		<b>633</b>	<b>100.0%</b>
	4704	Regina Qu'Appelle	581	100.0%
4710027	4706	Saskatoon	0	0.0%
	<b>Subtotal</b>		<b>581</b>	<b>100.0%</b>
	4704	Regina Qu'Appelle	198	36.1%
4710031	4706	Saskatoon	351	63.9%
	<b>Subtotal</b>		<b>549</b>	<b>100.0%</b>
	4705	Sunrise	577	96.5%
4710036	4706	Saskatoon	21	3.5%
	<b>Subtotal</b>		<b>598</b>	<b>100.0%</b>
	4705	Sunrise	0	0.0%
4710041	4706	Saskatoon	481	100.0%
	<b>Subtotal</b>		<b>481</b>	<b>100.0%</b>
	4705	Sunrise	0	0.0%
4710042	4706	Saskatoon	20	100.0%
	<b>Subtotal</b>		<b>20</b>	<b>100.0%</b>
	4706	Saskatoon	776	80.8%
4710071	4708	Kelsey Trail	184	19.2%
	<b>Subtotal</b>		<b>960</b>	<b>100.0%</b>
	4705	Sunrise	47	12.3%
4710826	4706	Saskatoon	334	87.7%
	<b>Subtotal</b>		<b>381</b>	<b>100.0%</b>
	4702	Five Hills	45	12.9%
4711018	4707	Heartland	305	87.1%
	<b>Subtotal</b>		<b>350</b>	<b>100.0%</b>
	4704	Regina Qu'Appelle	114	41.6%
4711039	4706	Saskatoon	150	54.7%
	4707	Heartland	10	3.6%
	<b>Subtotal</b>		<b>274</b>	<b>100.0%</b>
	4704	Regina Qu'Appelle	25	14.3%
4711042	4706	Saskatoon	150	85.7%
	<b>Subtotal</b>		<b>175</b>	<b>100.0%</b>

**Appendix 3**
**Detailed list of census subdivisions split by two or more health regions, 2006 (continued)**

Census subdivisions	Health region codes	Health region names	Population	% population split in census subdivisions
	4706	Saskatoon	65	33.3%
4712029	4707	Heartland	130	66.7%
	<b>Subtotal</b>		<b>195</b>	<b>100.0%</b>
	4706	Saskatoon	70	16.2%
4712050	4707	Heartland	362	83.8%
	<b>Subtotal</b>		<b>432</b>	<b>100.0%</b>
	4707	Heartland	312	85.0%
4712069	4710	Prairie North	55	15.0%
	<b>Subtotal</b>		<b>367</b>	<b>100.0%</b>
	4707	Heartland	382	72.8%
4713068	4710	Prairie North	143	27.2%
	<b>Subtotal</b>		<b>525</b>	<b>100.0%</b>
	4706	Saskatoon	0	0.0%
4714035	4708	Kelsey Trail	607	100.0%
	<b>Subtotal</b>		<b>607</b>	<b>100.0%</b>
	4706	Saskatoon	221	43.1%
4715048	4708	Kelsey Trail	292	56.9%
	<b>Subtotal</b>		<b>513</b>	<b>100.0%</b>
	4706	Saskatoon	75	13.2%
4715054	4708	Kelsey Trail	70	12.3%
	4709	Prince Albert Parkland	425	74.6%
	<b>Subtotal</b>		<b>570</b>	<b>100.0%</b>
	4706	Saskatoon	442	43.9%
4715057	4709	Prince Albert Parkland	564	56.1%
	<b>Subtotal</b>		<b>1,006</b>	<b>100.0%</b>
	4706	Saskatoon	292	37.6%
4715061	4709	Prince Albert Parkland	484	62.4%
	<b>Subtotal</b>		<b>776</b>	<b>100.0%</b>
	4708	Kelsey Trail	252	35.3%
4715071	4709	Prince Albert Parkland	461	64.7%
	<b>Subtotal</b>		<b>713</b>	<b>100.0%</b>
	4706	Saskatoon	72	18.3%
4716005	4710	Prairie North	322	81.7%
	<b>Subtotal</b>		<b>394</b>	<b>100.0%</b>
	4709	Prince Albert Parkland	0	0.0%
4716028	4710	Prairie North	737	100.0%
	<b>Subtotal</b>		<b>737</b>	<b>100.0%</b>
	4709	Prince Albert Parkland	0	0.0%
4717001	4710	Prairie North	984	100.0%
	<b>Subtotal</b>		<b>984</b>	<b>100.0%</b>



**Appendix 3**
**Detailed list of census subdivisions split by two or more health regions, 2006 (continued)**

Census subdivisions	Health region codes	Health region names	Population	% population split in census subdivisions
	4710	Prairie North	2,627	100.0%
4717054	4712	Keewatin Yatthé	0	0.0%
	<b>Subtotal</b>		<b>2,627</b>	<b>100.0%</b>
	4709	Prince Albert Parkland	0	0.0%
4717812	4710	Prairie North	465	100.0%
	<b>Subtotal</b>		<b>465</b>	<b>100.0%</b>
	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%
	<b>Subtotal</b>		<b>1,216</b>	<b>100.0%</b>
<b>Alberta</b>				
	4820	Chinook Regional Health Authority	2,345	43.9%
4803018	4822	Calgary Health Region	2,992	56.1%
	<b>Subtotal</b>		<b>5,337</b>	<b>100.0%</b>
	4820	Chinook Regional Health Authority	331	79.8%
4803021	4822	Calgary Health Region	84	20.2%
	<b>Subtotal</b>		<b>415</b>	<b>100.0%</b>
	4821	Palliser Health Region	760	36.6%
4804004	4823	David Thompson Regional Health Authority	1,314	63.4%
	<b>Subtotal</b>		<b>2,074</b>	<b>100.0%</b>
	4822	Calgary Health Region	8,159	99.9%
4805012	4823	David Thompson Regional Health Authority	5	0.1%
	<b>Subtotal</b>		<b>8,164</b>	<b>100.0%</b>
	4822	Calgary Health Region	5,957	48.1%
4806028	4823	David Thompson Regional Health Authority	6,434	51.9%
	<b>Subtotal</b>		<b>12,391</b>	<b>100.0%</b>
	4825	Capital Health	3083	30.7%
4814003	4826	Aspen Regional Health Authority	6962	69.3%
	<b>Subtotal</b>		<b>10,045</b>	<b>100.0%</b>
	4826	Aspen Regional Health Authority	5	0.1%
4817027	4827	Peace Country Health	5,800	99.9%
	<b>Subtotal</b>		<b>5,805</b>	<b>100.0%</b>

**Appendix 3**

**Detailed list of census subdivisions split by two or more health regions, 2006 (continued)**

Census subdivisions	Health region codes	Health region names	Population	% population split in census subdivisions
	4827	Peace Country Health	3,556	94.3%
4817076	4828	Northern Lights Health Region	216	5.7%
	Subtotal		3,772	100.0%
	4826	Aspen Regional Health Authority	425	100.0%
4817860	4827	Peace Country Health	0	0.0%
	<b>Subtotal</b>		<b>425</b>	<b>100.0%</b>
<b>British Columbia</b>				
	5911	East Kootenay	1,641	80.4%
5903010	5912	Kootenay/Boundary	400	19.6%
	<b>Subtotal</b>		<b>2,041</b>	<b>100.0%</b>
	5921	Fraser East	742	55.4%
5909060	5922	Fraser North	597	44.6%
	<b>Subtotal</b>		<b>1,339</b>	<b>100.0%</b>
	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%
	<b>Subtotal</b>		<b>11,050</b>	<b>100.0%</b>
	5914	Thompson/Cariboo	426	52.7%
5941039	5933	North Shore/Coast Garibaldi	382	47.3%
	<b>Subtotal</b>		<b>808</b>	<b>100.0%</b>
	5951	Northwest	483	45.6%
5951053	5952	Northern Interior	576	54.4%
	<b>Subtotal</b>		<b>1,059</b>	<b>100.0%</b>
	5952	Northern Interior	851	15.4%
5955040	5953	Northeast	4,687	84.6%
	<b>Subtotal</b>		<b>5,538</b>	<b>100.0%</b>

Source: Statistics Canada