Statistics Canada's Geography

Health and Spatial Analytics Workshop

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About Geography

• Compare similar levels of geography for counts, but you can get away with percentages to compare different levels of geography.

• Statistic Canada's geographical hierarchy is used by a LOT of Canadian sources.

• A same city might be available at many different geographical levels.
Census subdivisions

- Halifax (Regional municipality), Nova Scotia [map]

Census metropolitan areas / Census agglomerations

- Halifax (CMA), Nova Scotia [map]

Census divisions

- Halifax (County), Nova Scotia [map]

Economic regions

- Halifax, Nova Scotia [map]

Federal electoral districts (2003 representation order)

- Halifax, Nova Scotia [map]
- Halifax West, Nova Scotia [map]

Federal electoral districts (2013 representation order)

- Halifax, Nova Scotia [map]
- Halifax West, Nova Scotia [map]

Population centres

- Halifax, Nova Scotia [map]
Learn standard geographical classifications.
Learn about the Health Regions.
Learn about Peer Groups.
Hierarchy of standard geographic units for dissemination, 2011 Census
Some standard geography resources

- Clicking on provinces in the **census profile**.
- Clicking around the **Standard Geographical Classification**.
- **GeoSuite**
- The **census geography webpage**.

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**Geography**

**Information on a wide range of census geographic areas**

Census geography covers a wide range of geographic areas – from provinces and territories down to city blocks. These areas have boundaries, names, and other information that make it possible to locate them on the ground and represent them.

<table>
<thead>
<tr>
<th>Maps</th>
<th>Spatial information products</th>
</tr>
</thead>
<tbody>
<tr>
<td>GeoSearch</td>
<td>Road network files</td>
</tr>
<tr>
<td>Reference maps</td>
<td>Boundary files</td>
</tr>
<tr>
<td>Thematic maps</td>
<td></td>
</tr>
</tbody>
</table>
Reference maps

- Standard Geographical Classification Reference Maps
  - Standard Geographical Classification

- Search 2011 Census Tract and Dissemination Area Reference Maps
  - Postal code\textsuperscript{OM} (e.g., A1A2B2)
  - Place name
    
    Search

- Census Tract Reference Maps
  - by Census Metropolitan Areas or Census Agglomerations

- Dissemination Area Reference Maps
  - by Census Tracts, for Census Metropolitan Areas and Census Agglomerations
  - by Non-tracted Census Agglomerations
  - by Census Subdivisions, for areas outside Census Metropolitan Areas and Census Agglomerations

- Federal Electoral District Reference Maps
  - Federal Electoral Districts
There are two types of boundary files: cartographic and digital. Cartographic boundary files portray the geographic areas using only the major land mass of Canada and its coastal islands. Digital boundary files portray the full extent of the geographic areas, including the coastal water area.

A reference guide is included.

To download this product, please select from the choices below:

**Language**
- English
- French

**Format**
- ArcGIS® (.shp)
- Geography Markup Language (.gml)
- MapInfo® (.tab)

**Boundary Files** are compatible with geospatial software.
Some health geography resources

- Searching by *postal code* in the *census profile*.
- **Finding a Hospital** by the Nova Scotia Health Authority.
- Looking around the *Health Regions: Boundaries and Correspondence with Census Geography* page.

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**Health Regions: Boundaries and Correspondence with Census Geography**

This issue describes in detail the health region limits as of December 2014 and their correspondence with the 2011 and 2006 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).

**Notes**

- Note that changes for Nova Scotia come into effect as of April 1, 2015.
Reference maps

Health regions and peer groups

This series of reference maps show the boundaries, names and codes of health regions and peer groups in Canada, by province.

About the maps

Map 1 Newfoundland and Labrador Health Regions, 2014
Map 2 Prince Edward Island Health Regions, 2014
Map 3 Nova Scotia Health Regions, 2014
Map 4 New Brunswick Health Regions, 2014
Map 5 Quebec Health Regions, Health Regions, 2014
Map 6 Ontario, Health Units – Northern Ontario Health Regions, 2014
Map 7 Ontario, Health Units – Southern Ontario Health Regions, 2014
Map 8 Ontario, Local Health Integration Networks ( LHIN), 2014
Map 9 Manitoba Health Regions, 2014
Map 10 Saskatchewan Health Regions, 2014
Map 11 Alberta Health Regions, 2014
Map 12 British Columbia Health Regions, 2014
Map 13 The Northern Territories Health Regions
Map 14 Health Regions and Peer Groups in Canada

2013 reference maps
Nova Scotia Health Authority

On April 1, 2015, Nova Scotia launched a new health system structure to create a foundation for better health and health care.

The nine previous district health authorities have come together as the Nova Scotia Health Authority, partnering with the IWK Health Centre to plan and deliver care for Nova Scotians.

This new provincial approach will better co-ordinate health resources and expertise in a way that helps us turn the tide toward better health.

The Nova Scotia Health Authority is now the largest employer in the province. More than 23,000 employees, 2,500 physicians and 7,000 volunteers combine to provide care at more than 45 facilities throughout the province. Health services are organized across four areas:

- Annapolis Valley, South Shore and South West Nova Scotia
- Cape Breton, Guysborough and Antigonish areas
- Colchester-East Hants, Cumberland and Pictou areas
- Halifax, Eastern Shore and West Hants
Boundary Files are compatible with geospatial software.

Health region boundary files

Digital boundary files reflecting health region limits in effect as of December 2014.

Boundary files (documentation)

MapInfo
ArcInfo

Health region boundary files

Digital boundary files reflecting health region limits in effect as of October 2013.

Boundary files (documentation)

MapInfo
ArcInfo
The Correspondence Files allow you to link health geography with standard geography.
Health region peer groups

In order to effectively compare health regions with similar socio-economic characteristics, health regions have been grouped into 'peer groups'. Statistics Canada used a statistical method to achieve maximum statistical differentiation between health regions. Twenty-four variables were chosen to cover as many of the social and economic determinants of health as possible, using data collected at the health region level mostly from the Census of Canada. Concepts covered include:

- basic demographics (for example, population change and demographic structure),
- living conditions (for example, socio-economic characteristics, housing, and income inequality), and
- working conditions (for example, labour market conditions).

Peer groups based on 2013 health region boundaries and 2006 Census data are now available. There are currently ten peer groups identified by letters A through J.

Table 8 Health regions 2013 by peer group

- Peer group A
- Peer group B
- Peer group C
- Peer group D
- Peer group E
- Peer group F
- Peer group G
- Peer group H
- Peer group I
- Peer group J
QUESTIONS???

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