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# Dissemination Area Reference Maps, Reference Guide

Census year 2006



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Statistics Canada

# Dissemination Area Reference Maps, Reference Guide

## Census year 2006

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### Note of appreciation

Canada owes the success of its statistical system to a long-standing partnership between Statistics Canada, the citizens of Canada, its businesses, governments and other institutions. Accurate and timely statistical information could not be produced without their continued cooperation and goodwill.

## What's new?

### **What's new in the Dissemination Area Reference Maps, by Census Tracts, for Census Metropolitan Areas and Census Agglomerations?**

- The maps are in colour.
- All maps are oriented to the north.

### **What's new in the Dissemination Area Reference Maps, by Non-tracted Census Agglomerations?**

- All maps in the series are issued in two versions. The January 16, 2007 version depicts census agglomerations with their respective census subdivisions and dissemination areas. The same series will be re-issued on March 13, 2007 (Version 2) with additional information depicting urban areas as well as designated places. The additional geographic areas available in the March 13, 2007 (Version 2) series are delineated based on population distributions from the 2006 Census.
- Designated places are represented by polygons, as opposed to representative points as used in the 2001 Census series.
- All maps in this series were designed to be printed on one of six sizes: portrait sizes 43 cm by 46 cm (17 inches by 18 inches), 56 cm by 64 cm (22 inches by 25 inches) and 69 cm by 81 cm (27 inches by 32 inches), landscape sizes 56 cm by 36 cm (22 inches by 14 inches), 74 cm by 48 cm (29 inches by 19 inches) and 86 cm by 61 cm (34 inches by 24 inches).

### **What's new in the Dissemination Area Reference Maps, by Census Subdivisions, for areas outside Census Metropolitan Areas and Census Agglomerations?**

- The 2001 Dissemination Area Reference Maps, by Census Divisions, for areas outside Census Metropolitan Areas and Census Agglomerations were discontinued and are replaced by the 2006 Dissemination Area Reference Maps, by Census Subdivisions, for areas outside Census Metropolitan Areas and Census Agglomerations.
- All maps in the series are issued in two versions. The January 16, 2007 version depicts census subdivisions with their respective component dissemination areas. The same series will be re-issued on March 13, 2007 (Version 2) with additional information depicting urban areas as well as designated places. The additional geographic areas available in the March 13, 2007 (Version 2) series are delineated based on population distributions from the 2006 Census.
- Designated places are represented by polygons, as opposed to representative points as used in the 2001 Census series.
- All maps in this series have been designed to be printed on one of six sizes: portrait sizes 43 cm by 46 cm (17 inches by 18 inches), 56 cm by 64 cm (22 inches by 25 inches) and 69 cm by 81 cm (27 inches by 32 inches), landscape sizes 56 cm by 36 cm (22 inches by 14 inches), 74 cm by 48 cm (29 inches by 19 inches) and 86 cm by 61 cm (34 inches by 24 inches).

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## 1. About this guide

This reference guide was prepared to accompany the Dissemination Area Reference Maps, by Census Tracts, for Census Metropolitan Areas or Census Agglomerations series (Catalogue no. 92-147-XIB), the Dissemination Area Reference Maps, by Non-tracted Census Agglomerations series Versions 1 and 2 (Catalogue nos. 92-148-XIB, 92-148-UIB) and the Dissemination Area Reference Maps, by Census Subdivisions, for areas outside Census Metropolitan Areas and Census Agglomerations series, Versions 1 and 2 (Catalogue nos. 92-145-XIB, 92-145-UIB).

All of the maps in these series are available for download at no charge from the Statistics Canada website, [www.statcan.ca](http://www.statcan.ca).

This reference guide describes the map content, the general methodology used to create the maps and provides information about data quality.

Geographic terms and concepts in the text are described in the glossary (Appendix A). More details can be found in the *2006 Census Dictionary* (Catalogue no. 92-566-XWE). Supplementary information is provided in the appendices.

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## 2. Overview

### Introduction

The dissemination area reference maps cover three distinct types of areas: census tracts within census metropolitan areas and tracted census agglomerations; non-tracted census agglomerations; and census subdivisions outside of census metropolitan areas and census agglomerations. All depict the dissemination area as their smallest reference unit.

Dissemination Area Reference Maps, by Census Tracts, for Census Metropolitan Areas and Census Agglomerations (Catalogue no. 92-147-XIB), Dissemination Area Reference Maps, by Non-tracted Census Agglomerations (Catalogue nos. 92-148-XIB, 92-148-UIB) and Dissemination Area Reference Maps, by Census Subdivisions, for areas outside Census Metropolitan Areas and Census Agglomerations (Catalogue nos. 92-145-XIB, 92-145-UIB) are available separately in portable document format (PDF) or as a 'print-on-demand' paper product.

In Canada, there are 54,626 dissemination areas defined for the 2006 Census (see Appendix C for a table of the geographical units by province and territory). Together, the three map series presented in this reference guide cover all of Canada.

## 3. About this product

### General methodology

The dissemination area reference maps were generated from digital geographic files using ArcGIS® Version 9.0, a geographic information systems software produced by Environmental Systems Research Institute (ESRI).

Cartographic enhancements to the 2006 Census series include the use of a ranked hydrographic layer from the National Atlas of Canada reconciled to the 2006 census subdivision boundaries and linked to toponymy from the *Concise Gazetteer of Canada*. The use of the ranked hydrographic features means that as the map scales vary, so do the number of hydrographic features, resulting in a more legible map.

### Reference date

Names, boundaries and other attributes of geographic areas change over time (for example, municipal amalgamations, annexations, and name and status changes). Since the geographic framework is used for census data collection, the geographic reference date must be set sufficiently in advance of Census Day to permit all changes to be processed in time. Furthermore, notification of these changes is normally not received from the applicable federal and provincial authorities until after the changes have occurred. For these reasons, the 2006 Census reports data according to the geographic areas that were in effect on January 1, 2006, provided that Statistics Canada received the information on the changes by March 1, 2006.

### Limitations

The maps should not be used for digitizing purposes or to determine the precise location of boundaries. They are not intended to serve as a detailed legal or cadastral representation of the geographic areas.

### Recommended applications

The maps are designed to enable the user to identify the relative location and boundaries of the geographic areas reported by the 2006 Census and to visualize the relationships of the geographic areas shown in the geographic hierarchy.



## **Dissemination Area Reference Maps, by Census Tracts, for Census Metropolitan Areas and Census Agglomerations (Catalogue no. 92-147-XIB)**

### **Content**

The set of dissemination area reference maps by census tracts covers all 33 census metropolitan areas and the 15 census agglomerations that are part of the census tract program. Each map in the set covers one census tract and shows the boundaries and codes of dissemination areas within that census tract. The maps also show census tract, census subdivision, and census metropolitan area or census agglomeration boundaries on a background of roads, rivers and lakes.

There are 5,269 maps in this set. The dimensions of each map are approximately 27 cm by 43 cm (11 inches by 17 inches). Map scales vary according to the size of the census tract; thus the maps cannot be cut and pasted together. In cases where there was too much detail to show on one map, inset maps were created. All maps in this series are oriented to the north.

### **Comparison to 2001 series**

The maps in this series are the same as the 2001 series in terms of geostatistical unit content. However, this series was produced in colour for 2006 and as a result, the geostatistical boundary symbology changed in order to differentiate boundaries should the user print in black and white only.

## **Dissemination Area Reference Maps, by Non-tracted Census Agglomerations (Catalogue nos. 92-148-XIB, 92-148-UIB)**

### **Content**

The set of Dissemination Area Reference Maps, by Non-tracted Census Agglomerations covers the 96 census agglomerations that are not part of the census tract program.

All maps in this series are issued in two versions. The first version (January 16, 2007) depicts census agglomerations with their respective component census subdivisions and dissemination areas. The second version (March 13, 2007) includes additional information depicting component urban areas as well as designated places. The urban areas and designated places available in the March 13, 2007 series are delineated based on population distributions from the 2006 Census.

There are 271 maps in this series. Inset maps were created to show detail for the concentrated areas. The maps vary in scale and size; the maximum map dimensions are approximately 86 cm by 61 cm (34 inches by 24 inches). All maps in this series are oriented to the north.

### **Comparison to 2001 series**

The maps in this series are the same as the 2001 series in terms of geostatistical unit content. Designated places are displayed as polygons for the 2006 Census, as opposed to representative points as used in the 2001 map series.

## **Dissemination Area Reference Maps, by Census Subdivisions, for areas outside Census Metropolitan Areas and Census Agglomerations (Catalogue nos. 92-145-XIB, 92-145-UIB)**

### **Content**

The set of Dissemination Area Reference Maps, by Census Subdivisions, for areas outside Census Metropolitan Areas and Census Agglomerations covers the 4,470 census subdivisions that are outside of census metropolitan areas and census agglomerations.

All maps in this series are issued in two versions. The first version (January 16, 2007) depicts census subdivisions with dissemination areas. The second version (March 13, 2007) includes additional information depicting urban areas, as well as designated places. The urban areas and designated places available in the March 13, 2007 series are delineated based on population distributions from the 2006 Census.

There are 4,470 maps in this series, one map per census subdivision. The maps vary in scale and size; the maximum dimensions are approximately 86 cm by 61 cm (34 inches by 24 inches). All maps in this series are oriented to the north.

### **Comparison to 2001 series**

The 2001 Dissemination Area Reference Maps, by Census Divisions, for areas outside Census Metropolitan Areas and Census Agglomerations was discontinued and is replaced by the 2006 Dissemination Area Reference Maps, by Census Subdivisions, for areas outside Census Metropolitan Areas and Census Agglomerations.

Designated places are displayed as polygons for the 2006 Census, as opposed to representative points as used in the 2001 map series.

## 4. Data quality

Spatial data quality elements provide information on the fitness-for-use of spatial data by describing why, when and how the data are created, and how accurate the data are. The elements include an overview describing the purpose and usage, as well as specific quality elements reporting on lineage, positional accuracy, attribute accuracy, and logical consistency. This information is provided to users for all spatial data products disseminated for the census.

### Lineage

Lineage describes the history of the spatial data, including descriptions of the source material from which the data were derived, and the methods of derivation. It also contains the dates of the source material, and all transformations involved in producing the final map products.

#### Source materials

The geographic area boundaries, names, types and codes, and the relationships among the various geographic levels are found on Statistics Canada's Spatial Data Infrastructure. These data for administrative areas are updated intercensally using information from provincial and territorial sources. The data for statistical areas are updated using the results of the previous census, and in some cases (e.g., urban areas) results from the current census, as well as input from users.

The vector base map information (coastlines, rivers, and lakes) was taken from the National Geographic Database. Water toponymy (river names, lake names, names of bays, oceans, gulfs, straits, seas and islands) was taken from the Canadian Geographical Names Data Base maintained by Natural Resources Canada. The map projection for all maps is Lambert conformal conic utilizing specific provincial parameters. Census metropolitan areas and census agglomerations which cross provincial boundaries use the projection parameters associated to the provincial part which is larger in terms of land area.

#### Method of derivation

The three 2006 Dissemination Area Reference Maps series were generated from digital geographic files using an automated mapping program developed with ArcGIS® Version 9.0. Feature labelling conflicts were resolved manually.

For hydrography, ranked water layers were used, allowing for the display of an appropriate number of water features given the map scale.

### Positional accuracy

The data are not Global Positioning System (GPS)-compliant. However, every possible attempt is made to ensure that Statistics Canada's geographic area boundaries respect the limits of the statistical entities that they represent (e.g., census tract) or on which they are based (e.g., census metropolitan areas/census agglomerations). The positional accuracy of these limits is dependent upon source materials used by Statistics Canada to identify the location of limits. In addition, due to the importance placed on relative positional accuracy, the positional accuracy of other

geographic data (e.g., road network data and hydrographic data) is considered when positioning the limits of the geographic areas.

Initial text placement of labels for census metropolitan areas, census agglomerations, census subdivisions, census tracts, roads and water bodies was automated. Interactive editing was then performed to enhance label placement.

### **Attribute accuracy**

As noted under Lineage, the attributes (names, types and codes) for all geographic areas displayed on the maps were sourced from Statistics Canada's Spatial Data Infrastructure. The names and types for administrative geographic areas were updated from the 2001 Census using source materials from provincial and territorial authorities.

River and lake names in the National Geographic Database were sourced from the Canadian Geographical Names Data Base. Names of water features having 'pan-Canadian' significance, as identified by the Geographical Names Board of Canada, are provided in both official languages.

### **Logical consistency**

#### **Internal consistency**

The geographic area boundaries align to the hydrographic features of the National Geographic Database water layers. The only hydrographic features that do not align to geographic area boundaries are the external features (water falling outside of national limits) derived from generalized layers.

#### **Consistency with other products**

Census reference maps show the location of the geographic areas for which census data are tabulated and disseminated. The main information depicted includes the boundaries, names and codes of census geographic areas, and major physical and cultural features such as roads, coastlines, rivers and lakes.

## Appendix A: Glossary

### **Adjusted counts**

'Adjusted counts' refer to previous census population and dwelling counts that were adjusted (i.e., recompiled) to reflect current census boundaries, when a boundary change occurs between the two censuses.

### **Block-face**

A block-face is one side of a street between two consecutive features intersecting that street. The features can be other streets or boundaries of standard geographic areas.

Block-faces are used for generating block-face representative points, which in turn are used for geocoding and census data extraction when the street and address information are available.

### **Cartographic boundary files**

Cartographic boundary files (CBFs) contain the boundaries of standard geographic areas together with the shoreline around Canada. Selected inland lakes and rivers are available as a supplementary layer.

### **Census agricultural region**

Census agricultural regions (CARs) are composed of groups of adjacent census divisions. In Saskatchewan, census agricultural regions are made up of groups of adjacent census consolidated subdivisions, but these groups do not necessarily respect census division boundaries.

### **Census consolidated subdivision**

A census consolidated subdivision (CCS) is a group of adjacent census subdivisions. Generally, the smaller, more urban census subdivisions (towns, villages, etc.) are combined with the surrounding, larger, more rural census subdivision, in order to create a geographic level between the census subdivision and the census division.

### **Census division**

Census division (CD) is the general term for provincially legislated areas (such as county, *municipalité régionale de comté* and regional district) or their equivalents. Census divisions are intermediate geographic areas between the province/territory level and the municipality (census subdivision).

### **Census metropolitan area and census agglomeration**

A census metropolitan area (CMA) or a census agglomeration (CA) is formed by one or more adjacent municipalities centred on a large urban area (known as the urban core). A CMA must have a total population of at least 100,000 of which 50,000 or more must live in the urban core. A CA must have an urban core population of at least 10,000. To be included in the CMA or CA, other adjacent municipalities must have a high degree of integration with the central urban area, as measured by commuting flows derived from census place of work data.

If the population of the urban core of a CA declines below 10,000, the CA is retired. However, once an area becomes a CMA, it is retained as a CMA even if its total population declines below 100,000 or the population of its urban core falls below 50,000. The urban areas in the CMA or CA that are not contiguous to the urban core are called the urban fringe. Rural areas in the CMA or CA are called the rural fringe.

When a CA has an urban core of at least 50,000, it is subdivided into census tracts. Census tracts are maintained for the CA even if the population of the urban core subsequently falls below 50,000. All CMAs are subdivided into census tracts.

**Census metropolitan area and census agglomeration influenced zone**

The census metropolitan area and census agglomeration influenced zone (MIZ) is a concept that geographically differentiates the area of Canada outside census metropolitan areas (CMAs) and census agglomerations (CAs). Census subdivisions outside CMAs and CAs are assigned to one of four categories according to the degree of influence (strong, moderate, weak or no influence) that the CMAs and/or CAs have on them.

Census subdivisions (CSDs) are assigned to a MIZ category based on the percentage of their resident employed labour force that has a place of work in the urban core(s) of CMAs or CAs. CSDs with the same degree of influence tend to be clustered. They form zones around CMAs and CAs that progress through the categories from 'strong' to 'no' influence as distance from the CMAs and CAs increases.

**Census subdivision**

Census subdivision (CSD) is the general term for municipalities (as determined by provincial/territorial legislation) or areas treated as municipal equivalents for statistical purposes (e.g., Indian reserves, Indian settlements and unorganized territories).

**Census tract**

Census tracts (CTs) are small, relatively stable geographic areas that usually have a population of 2,500 to 8,000. They are located in census metropolitan areas and in census agglomerations with an urban core population of 50,000 or more in the previous census.

A committee of local specialists (for example, planners, health and social workers, and educators) initially delineates census tracts in conjunction with Statistics Canada. Once a census metropolitan area (CMA) or census agglomeration (CA) has been subdivided into census tracts, the census tracts are maintained even if the urban core population subsequently declines below 50,000.

**Coordinate system**

A coordinate system is a reference system based on mathematical rules for specifying positions (locations) on the surface of the earth. The coordinate values can be spherical (latitude and longitude) or planar (such as Universal Transverse Mercator).

Cartographic boundary files, digital boundary files, representative points and road network files are disseminated in latitude/longitude coordinates.

**Datum**

A datum is a geodetic reference system that specifies the size and shape of the earth, and the base point from which the latitude and longitude of all other points on the earth's surface are referenced.

**Designated place**

A designated place (DPL) is normally a small community or settlement that does not meet the criteria established by Statistics Canada to be a census subdivision (an area with municipal status) or an urban area.

Designated places are created by provinces and territories, in cooperation with Statistics Canada, to provide data for submunicipal areas.

**Digital boundary files**

Digital boundary files (DBFs) portray the boundaries used for 2006 Census collection and, therefore, often extend as straight lines into bodies of water.

**Dissemination area**

A dissemination area (DA) is a small, relatively stable geographic unit composed of one or more adjacent dissemination blocks. It is the smallest standard geographic area for which all census data are disseminated. DAs cover all the territory of Canada.

**Dissemination block**

A dissemination block (DB) is an area bounded on all sides by roads and/or boundaries of standard geographic areas. The dissemination block is the smallest geographic area for which population and dwelling counts are disseminated. Dissemination blocks cover all the territory of Canada.

**Economic region**

An economic region (ER) is a grouping of complete census divisions (CDs) (with one exception in Ontario) created as a standard geographic unit for analysis of regional economic activity.

**Ecumene**

Ecumene is a term used by geographers to mean inhabited land. It generally refers to land where people have made their permanent home, and to all work areas that are considered occupied and used for agricultural or any other economic purpose. Thus, there can be various types of ecumenes, each having their own unique characteristics (population ecumene, agricultural ecumene, industrial ecumene, etc.).

**Federal electoral district**

A federal electoral district (FED) is an area represented by a member of the House of Commons. The federal electoral district boundaries used for the 2006 Census are based on the 2003 Representation Order.

**Geocoding**

Geocoding is the process of assigning geographic identifiers (codes) to map features and data records. The resulting geocodes permit data to be linked geographically.

Households, postal codes and place of work data are linked to block-face representative points when the street and address information is available; otherwise, they are linked to dissemination block (DB) representative points. In some cases, postal codes and place of work data are linked to dissemination area (DA) representative points when they cannot be linked to DBs. As well, place of work data are linked to census subdivision representative points when the data cannot be linked to DAs.

**Geographic code**

A geographic code is a numerical identifier assigned to a geographic area. The code is used to identify and access standard geographic areas for the purposes of data storage, retrieval and display.

**Geographic reference date**

The geographic reference date is a date determined by Statistics Canada for the purpose of finalizing the geographic framework for which census data will be collected, tabulated and reported. For the 2006 Census, the geographic reference date is January 1, 2006.

**Land area**

Land area is the area in square kilometres of the land-based portions of standard geographic areas.

Land area data are unofficial, and are provided for the sole purpose of calculating population density.

**Locality**

'Locality' (LOC) refers to the historical place names of former census subdivisions (municipalities), former designated places and former urban areas, as well as to the names of other entities, such as neighbourhoods, post offices, communities and unincorporated places.

**Map projection**

A map projection is the process of transforming and representing positions from the earth's three-dimensional curved surface to a two-dimensional (flat) surface. The process is accomplished by a direct geometric projection or by a mathematically derived transformation.

The Lambert conformal conic map projection is widely used for general maps of Canada at small scales and is the most common map projection used at Statistics Canada.

**National Geographic Database**

The National Geographic Database (NGD) is a shared database between Statistics Canada and Elections Canada. The database contains roads, road names and address ranges. It also includes separate reference layers containing physical and cultural features, such as hydrography and hydrographic names, railroads and power transmission lines.

The NGD was created in 1997 as a joint Statistics Canada/Elections Canada initiative to develop and maintain a national road network file serving the needs of both organizations. The active building of the NGD – that is, integrating the files from Statistics Canada, Elections Canada and Natural Resources Canada – occurred from 1998 to 2000. Thereafter, Statistics Canada and Elections Canada reconciled their digital boundary holdings to the new database's road network geometry so that operational products could be derived.

Since 2001, the focus of the NGD has been on intensive data quality improvements, especially regarding the quality and currency of its road network coverage. There has been considerable expansion of road names and civic addresses ranges, as well as the addition of hydrographic names. Priorities were determined by Statistics Canada and Elections Canada, enabling the NGD to meet the joint operational needs of both agencies in support of census and electoral activities.



### **Place name**

'Place name' refers to the set of names that includes current census subdivisions (municipalities), current designated places and current urban areas, as well as the names of localities.

### **Population density**

Population density is the number of persons per square kilometre.

### **Postal code**

The postal code is a six-character code defined and maintained by Canada Post Corporation for the purpose of sorting and delivering mail.

### **Province or territory**

Province and territory refer to the major political units of Canada. From a statistical point of view, province and territory are basic areas for which data are tabulated. Canada is divided into 10 provinces and three territories.

### **Reference map**

A reference map shows the location of the geographic areas for which census data are tabulated and disseminated. The maps display the boundaries, names and codes of standard geographic areas, as well as major cultural and physical features, such as roads, railroads, coastlines, rivers and lakes.

### **Representative point**

A representative point is a point that represents a line or a polygon. The point is centrally located along the line, and centrally located or population weighted in the polygon.

Representative points are generated for block-faces, dissemination blocks, dissemination areas, census subdivisions, urban areas and designated places.

Households, postal codes and place of work data are linked to block-face representative points when the street and address information is available; otherwise, they are linked to dissemination block (DB) representative points. In some cases, postal codes and place of work data are linked to dissemination area (DA) representative points when they cannot be linked to DBs. As well, place of work data are linked to census subdivision representative points when the data cannot be linked to DAs.

### **Road network file**

The road network file (RNF) contains roads, road names, address ranges and road ranks for the entire country. Most commonly, address ranges are dwelling-based and are mainly available in the large urban centres of Canada.

### **Rural area**

Rural areas include all territory lying outside urban areas. Taken together, urban and rural areas cover all of Canada.

Rural population includes all population living in the rural fringes of census metropolitan areas (CMAs) and census agglomerations (CAs), as well as population living in rural areas outside CMAs and CAs.

**Spatial Data Infrastructure**

The Spatial Data Infrastructure (SDI), formerly known as the National Geographic Base (NGB), is an internal, maintenance database that is not disseminated outside of Statistics Canada. It contains roads, road names and address ranges from the National Geographic Database (NGD), as well as boundary arcs of standard geographic areas that do not follow roads, all in one integrated line layer. The database also includes a related polygon layer consisting of basic blocks (BB) (basic blocks are the smallest polygon units in the database, and are formed by the intersection of all roads and the arcs of geographic areas that do not follow roads), boundary layers of standard geographic areas, and derived attribute tables, as well as reference layers containing physical and cultural features (such as hydrography, railroads and power transmission lines) from the NGD.

The SDI supports a wide range of census operations, such as the maintenance and delineation of the boundaries of standard geographic areas (including the automated delineation of dissemination blocks, dissemination areas and urban areas), and geocoding. The SDI is also the source for generating many geography products for the 2006 Census, such as cartographic boundary files and road network files.

**Spatial data quality elements**

Spatial data quality elements provide information on the fitness for use of a spatial database by describing why, when and how the data are created, and how accurate the data are. The elements include an overview describing the purpose and usage, as well as specific quality elements reporting on the lineage, positional accuracy, attribute accuracy, logical consistency and completeness. This information is provided to users for all spatial data products disseminated for the census.

**Standard Geographical Classification**

The Standard Geographical Classification (SGC) is Statistics Canada's official classification for three types of geographic areas: provinces and territories, census divisions (CDs) and census subdivisions (CSDs). The SGC provides unique numeric identification (codes) for these hierarchically related geographic areas.

**Statistical Area Classification**

The Statistical Area Classification (SAC) groups census subdivisions according to whether they are a component of a census metropolitan area, a census agglomeration, a census metropolitan area and census agglomeration influenced zone (strong MIZ, moderate MIZ, weak MIZ or no MIZ), or the territories (Yukon Territory, Northwest Territories and Nunavut). The SAC is used for data dissemination purposes.

**Thematic map**

A thematic map shows the spatial distribution of one or more specific data themes for standard geographic areas. The map may be qualitative in nature (e.g., predominant farm types) or quantitative (e.g., percentage population change).

**Urban area**

An urban area has a minimum population concentration of 1,000 persons and a population density of at least 400 persons per square kilometre, based on the current census population count. All territory outside urban areas is classified as rural. Taken together, urban and rural areas cover all of Canada.

Urban population includes all population living in the urban cores, secondary urban cores and urban fringes of census metropolitan areas (CMAs) and census agglomerations (CAs), as well as the population living in urban areas outside CMAs and CAs.

**Urban core, urban fringe and rural fringe**

'Urban core, urban fringe and rural fringe' distinguish between central and peripheral urban and rural areas within a census metropolitan area (CMA) or census agglomeration (CA).

'Urban core' is a large urban area around which a CMA or a CA is delineated. The urban core must have a population (based on the previous census) of at least 50,000 persons in the case of a CMA, or at least 10,000 persons in the case of a CA.

The urban core of a CA that has been merged with an adjacent CMA or larger CA is called the 'secondary urban core'.

'Urban fringe' includes all small urban areas within a CMA or CA that are not contiguous with the urban core of the CMA or CA.

'Rural fringe' is all territory within a CMA or CA not classified as an urban core or an urban fringe.

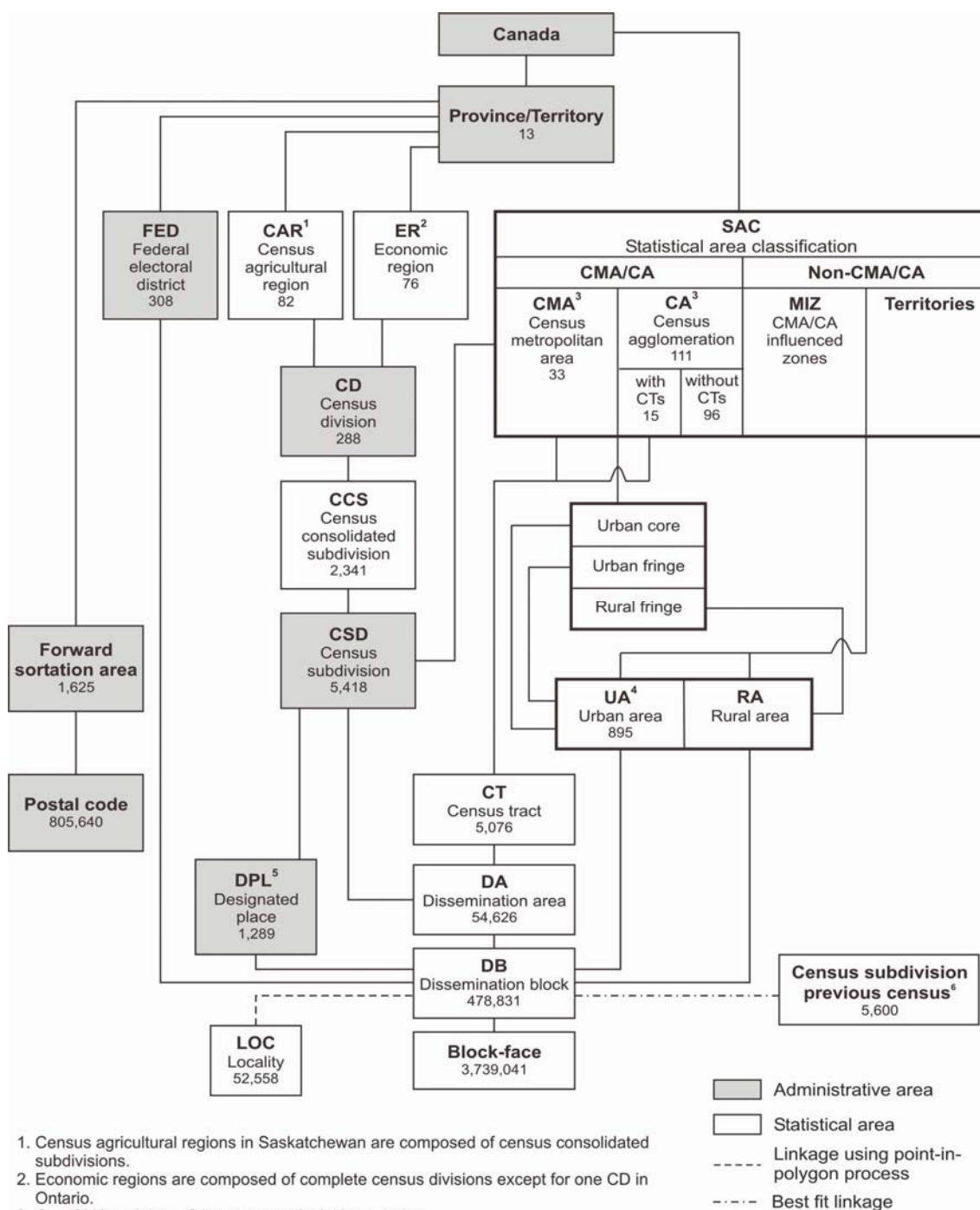
**Urban population size group**

The term 'urban population size group' refers to the classification used in standard tabulations where urban areas are distributed according to the following predetermined size groups, based on the current census population.

1,000	to	2,499
2,500	to	4,999
5,000	to	9,999
10,000	to	24,999
25,000	to	49,999
50,000	to	99,999
100,000	to	499,999
500,000	and over	

Tabulations are not limited to these predetermined population size groups; the census database has the capability of tabulating data according to any user-defined population size group.

## Appendix B: Hierarchy of standard geographic units for dissemination, 2006 Census



## Appendix C: Geographic units by province and territory, 2006 Census

Geographic unit	Canada 2001	Canada 2006	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Y.T.	N.W.T.	Nvt.
Federal electoral district (2003 Representation Order)	301 <sup>1</sup>	308	7	4	11	10	75	106	14	14	28	36	1	1	1
Economic region	76	76	4	1	5	5	17	11	8	6	8	8	1	1	1
Census agricultural region	82	82	3	3	5	4	14	5	12	20	8	8	0	0	0
Census division	288	288	11	3	18	15	98	49	23	18	19	28	1	2	3
Census consolidated subdivision	2,446	2,341	89	68	43	151	1,008	316	127	300	77	156	1	2	3
Census subdivision (CSD)	5,600	5,418	377	113	100	276	1,294	585	297	984	453	836	35	37	31
CSD dissolutions (January 2, 2001 to January 1, 2006)	340	...	9	0	0	0	282	5	7	29	4	4	0	0	0
CSD incorporations (January 2, 2001 to January 1, 2006)	...	158	5	0	2	1	100	4	6	11	5	24	0	0	0
Designated place	1,261	1,289	182	0	49	167	83	88	58	159	262	240	1	0	0
Census metropolitan area	27	33	1	0	1	2	6 <sup>2</sup>	15 <sup>2</sup>	1	2	2	4	0	0	0
Census agglomeration (CA)	113	111	3	2	4	5 <sup>2</sup>	26 <sup>2</sup>	28 <sup>2</sup>	3	7 <sup>2</sup>	12 <sup>2</sup>	22	1	1	0
CA with census tracts	16	15	0	0	0	1	3	4	0	0	3	4	0	0	0
CA without census tracts	94	96	3	2	4	4 <sup>2</sup>	23 <sup>2</sup>	24 <sup>2</sup>	3	7 <sup>2</sup>	9 <sup>2</sup>	18	1	1	0
Census tract	4,798	5,076	46	0	88	99	1,289	2,136	168	105	491	654	0	0	0
Urban area	913	895	32	7	36	32 <sup>2</sup>	226 <sup>2</sup>	260 <sup>2</sup>	38 <sup>2</sup>	58 <sup>2</sup>	107 <sup>2</sup>	95	1	3	5
Locality	52,291	52,558	2,445	964	3,924	3,450	12,617	10,905	2,349	3,898	3,472	7,708	363	173	290
Dissemination area	52,993	54,626	1,062	292	1,633	1,439	13,408	19,177	2,152	2,431	5,357	7,471	78	84	42
Dissemination block	478,707	478,831	8,199	3,251	14,656	14,864	108,751	126,244	30,421	51,729	65,071	52,808	1,261	967	609
Block-face	3,764,232	3,739,041	78,376	26,190	154,564	132,873	835,458	942,567	198,063	361,069	507,859	473,418	11,888	11,620	5,096
Forward sortation area	1,595	1,625	35	7	76	110	415	522	64	48	150	189	3	3	3
Postal code	758,658	805,640	10,378	3,157	25,313	57,355	202,972	269,676	23,943	21,541	76,924	112,904	942	506	29

... not applicable

1. Federal electoral districts (1996 Representation Order).

2. Census metropolitan areas, census agglomerations and urban areas crossing provincial boundaries are counted in both provinces, and, therefore, do not add up to the national total.

N.L. Newfoundland and Labrador  
P.E.I. Prince Edward Island  
N.S. Nova Scotia  
N.B. New Brunswick  
Que. Quebec

Ont. Ontario  
Man. Manitoba  
Sask. Saskatchewan  
Alta. Alberta  
B.C. British Columbia

Y.T. Yukon Territory  
N.W.T. Northwest Territories  
Nvt. Nunavut

# Unrestricted use licence agreement for Statistics Canada's Dissemination Area Reference Maps, 2006 Census

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- III AND WHEREAS the Licensor wishes to grant to the Licensee certain rights to the Data, in accordance with the terms and conditions herein contained;
- IV AND WHEREAS the Licensor represents that it has full authority to grant the rights desired by the Licensee on the terms and conditions herein contained;
- V AND WHEREAS the parties hereto are desirous of entering into a licence agreement on the basis herein set forth,  
NOW THEREFORE, in consideration of the covenants contained in this Agreement, the parties agree as follows:

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- 1.1 “Agreement” means this Unrestricted Use Licence Agreement and all schedules annexed to this agreement, as the same may be amended from time to time in accordance with the provisions hereof.
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- 5.4 The Licensee shall indemnify the Licensor, its officers, directors, employees, authorized agents and contractors from all claims whatsoever alleging loss, costs, expenses, damages or injuries (including injuries resulting in death) arising out of the Licensee's possession or use of the Data or the exercise by the Licensee of its rights hereunder.
- 5.5 The Licensee's obligation to indemnify the Licensor, its officers, directors, employees, authorized agents and contractors, under this Agreement shall not affect or prejudice the Licensor from exercising any other rights under law.
- 5.6 The provisions of this Article shall survive termination of this Agreement.

## **6.0 TERMINATION**

- 6.1 This Agreement may be terminated
- (i) automatically and without notice, if the Licensee commits or permits a breach of any of its covenants or obligations under this Agreement;
  - (ii) upon written notice of termination by the Licensee at any time, and such termination shall take effect thirty (30) days after the receipt by the Licensor of such notice; or
  - (iii) upon mutual agreement of the parties.

- 6.2 Upon termination of this Agreement, for whatever reason, the Licensee's rights under section 3 shall immediately cease; and all obligations of the Parties which expressly or by their nature survive termination shall continue in full force and effect subsequent to and notwithstanding such termination, until they are fully satisfied or by their nature expire. For greater clarity, but without restricting the generality of the foregoing, the following provisions survive termination of this Agreement:
- section 5 (representations, warranties, indemnities)
- 6.3 Notwithstanding subsections 6.1 and 6.2 above, the Licensee may continue to use the Data for the purpose of completing orders of Derived Products made before the termination date of this Agreement.
- 6.4 Notwithstanding the termination of this Agreement, all agreements entered into by the Licensee in the exercise of its rights under section 3 thereof prior to such termination and all obligations imposed therein shall continue in full force and effect subject to their terms.

## **7.0 GENERALITIES**

- 7.1 **Applicable Law**  
This Agreement shall be construed and enforced in accordance with, and the rights of the parties shall be governed by, the laws of Ontario and Canada, as applicable.
- 7.2 **Entirety of Agreement**  
This Agreement hereto constitute the entire agreement between the parties with respect to its subject matter. This Agreement may only be amended in writing, signed by both parties, which expressly states the intention to amend this Agreement.
- 7.3 **Alternate Dispute Resolution**  
If a dispute arises concerning this Agreement, or if a proposed modification of any term of this Agreement cannot be agreed between the parties, the parties shall attempt to resolve the matter first by negotiation.

If the parties have not succeeded in negotiating a resolution, then they shall jointly submit the dispute to a mutually accepted mediator. If the parties cannot agree on an acceptable mediator, then either party may submit the dispute to binding arbitration.

The arbitral tribunal shall be governed by the UN Commercial Arbitration Code (the "Code"), referred to in the Commercial Arbitration Act, R.S.C 1985, c. C-4.6, and judgment upon the award rendered by the arbitral tribunal may be entered in any court having jurisdiction over the matter.

The arbitral tribunal shall consist of one arbitrator chosen by the parties. Subject to the Code, the parties agree that the award and determination of the arbitral tribunal shall be final and binding on both parties, shall be without right of appeal and shall be the exclusive remedy between the parties regarding any claims, counterclaims, issues or disputes presented to the arbitral tribunal.

### **Costs**

The Parties shall bear the costs of the mediation equally, except that each party shall bear its own personal costs of the mediation.

The costs of the arbitral tribunal's fees and expenses shall be shared equally by the parties. The parties shall bear their own personal costs except that the losing party shall pay all costs, fees, levies and taxes arising from and necessitated by the enforcement of the arbitral tribunal's award, including, without limitation, registration, enforcement charges or other judicial levies or costs

#### **7.4 No Joint Venture**

The Parties expressly disclaim any intention to create a partnership, joint venture or joint enterprise. The Parties acknowledge and agree that nothing contained in this Agreement nor any acts of any party shall constitute or be deemed to constitute the parties as partners, joint ventures or principal and agent in any way or for any purpose. No Party has the authority to act for, or to assume any obligation or responsibility on behalf of the other Party. The relationship between the Parties is intended to be, and shall at all times be construed as that of licensor and licensee.

#### **7.5 No Waiver**

No condoning, excusing or overlooking by the Licensor of any default by the Licensee, at any time or times, in performing or observing any of the Licensee's obligations hereunder, will operate as a waiver, renunciation, surrender of or otherwise affect the rights of the Licensor in respect of any continuing or subsequent default. No waiver of these rights will be inferred from anything done or omitted by the Licensor, except by an express waiver in writing.

#### **7.6 Order of Precedence**

If there is a conflict or ambiguity between this Agreement proper and any schedules thereto, the interpretation consistent with this Agreement proper (taking into consideration the statements in the recitals and headings) shall prevail and apply, notwithstanding any wording to the contrary in the applicable schedule.

#### **7.7 Notices**

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