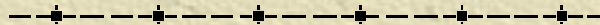


*2006 Census  
Changes to geography and  
questions*

March 2006

2001 Census Consortium



# *Preface*

- ✦ The Resource Note is intended to increase our understanding of and broaden our knowledge base on key subject areas that are fundamental in building our capacity in numeric and geographic analysis.
- ✦ It is not an in-depth or comprehensive discussion of the subject matter.
- ✦ It highlights certain relevant and important areas that deserve our attention and consideration.
- ✦ It is intended to be informal and informative.

# *Introduction*

- ✦ This is the 7th Resource Note (# 1 – Census Geography, # 2 – Census Data, # 3 – PCensus Database, # 4 – Geocoding, # 5- Cartographic Principles, # 6 – Thematic Mapping)
- ✦ May 16 is Census Day. As with previous censuses, the 2006 Census will provide a wealth of information on the socio-demographic characteristics of over 32.5 million Canadians. It also allows comparisons to be made across time periods.
- ✦ The changes in the content of the 2006 Census are results of extensive consultation conducted by Statistics Canada with the data users and interested individuals.
- ✦ In terms of Census geography, noticeable changes include service areas (CA – Census Agglomeration) of two SPNO members have been promoted to CMA (Census Metropolitan Area) status

## *Introduction (2)*

- ✦ As part of the Census geography product suite, a downloadable 2005 Road network file is available
- ✦ Some of the 2006 Census questions are new questions or modified questions of the 2001 Census – some questions have been removed or replaced
- ✦ Knowing the wording of the questions helps us to interpret and better understand the census data published
- ✦ Statistics Canada provides preliminary timing for the release of the Census data

# Census Geography

✦ Summary of the decisions on the geographic areas and concepts for the 2006 Census is available from:

<http://www12.statcan.ca/english/census06/products/reference/consultation/Record-decision1.htm>

- The number of CDs by province/territory remains unchanged except in Quebec
- The number of CDs with boundary changes is 28 (5 in Ontario)
- 6 new CMAs: 4 in Ontario (Barrie, Brantford, Guelph, Peterborough)
- Bilingual Ontario CSD name addressed: French River/Rivière des Français, Greater Sudbury/Grand Sudbury, The Nation/La Nation, West Nipissing/Nipissing Quest
- CTs are split if the 2001 population count is greater than 8,000 (146 CTs)
- DA delineation is based on 2001 population counts
- The 2003 Representation Order (308 FEDs) replaced the 1996 Representation Order (301 FEDs)

# *Census Geography (2)*

- ✦ **Changes to the census metropolitan area (CMA) entry threshold**
- ✦ As of March 2003, census agglomerations (CAs) are no longer required to have an urban core population of 100,000 to be promoted to the status of a census metropolitan area (CMA). Instead, a CA assumes the status of a CMA if it attains a total population of at least 100,000 of which 50,000 or more live in the urban core. This new rule effectively lowers the entry threshold.
- ✦ As of July 2003, six 2001 CAs are promoted to CMA status under the revised CA-to-CMA promotion threshold rule and the results of the preliminary 2006 CMA/CA delineation (July 2003)

# *Census Geography – SPNO*

- ✦ Two of our SPNO member service areas are affected:
- ✦ under the new threshold rule, two additional CAs are promoted to CMA status for the 2006 Census: Moncton and **Peterborough**
- ✦ under the new threshold rule and as a result of the preliminary 2006 CMA/CA delineation, one CA is promoted to CMA status: **Brantford**
- ✦ Additional CSD (Census Subdivisions) are added to both Peterborough and Brantford
- ✦ Census data are available at DA and CT level

# Peterborough CMA

Preliminary 2006 CMA / RMR préliminaire de 2006: Peterborough, Ont.

Carte No. 92F-0108-M66-2005-003  
 HP 92F-0108-M66-2005-003 au Canada



<p>Notes / Notes:          CA promoted to CMA          AR promu au statu de RMR</p>	<p>— Preliminary Census Metropolitan Area (CMA)          Région métropolitaine de recensement (RMR) préliminaire</p> <p>■ Census Subdivision (CSD) included          Subdivision de recensement (SDR) incluse</p>	<p>□ CSD status quo          SDR statu quo</p> <p>■ CSD excluded          SDR exclue</p>	<p>0 5 10 15 km</p>
<p>Statistics Canada / Statistique Canada</p>		<p>Source: 2001 Census of Canada. Produced by the Geography Division, Statistics Canada, 2003.          Source: Recensement du Canada de 2001. Préparé par le Diviseur de la géographie, Statistique Canada, 2003.</p>	

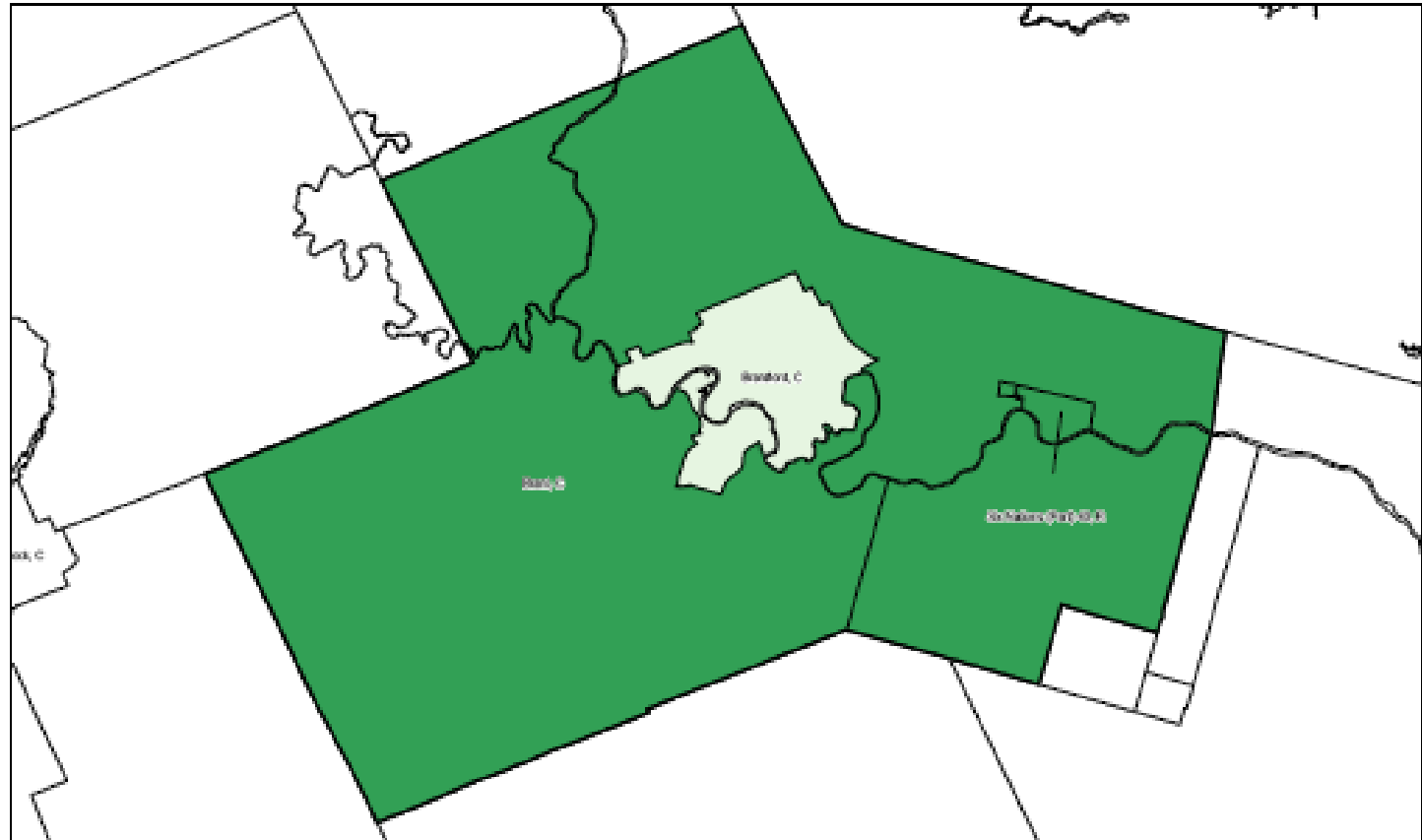




# Brantford CMA

Preliminary 2006 CMA / RMR préliminaire de 2006: Brantford, Ont.

Catalogue No. 99F-002(2006)-000  
 #99F-002(2006)-000 au catalogue



<p>Notes / Notes:          CA promoted to CMA          AR promise au statu de RMR</p>	<p>Preliminary Census Metropolitan Area (CMA)          Région métropolitaine de recensement (RMR) préliminaire</p> <p>Census Subdivision (CSD) included          Subdivision de recensement (SDR) incluse</p>	<p>CSD status quo          SDR statu quo</p> <p>CSD excluded          SDR exclue</p>	
---	---	--	--

Statistica Canada / Statistique Canada

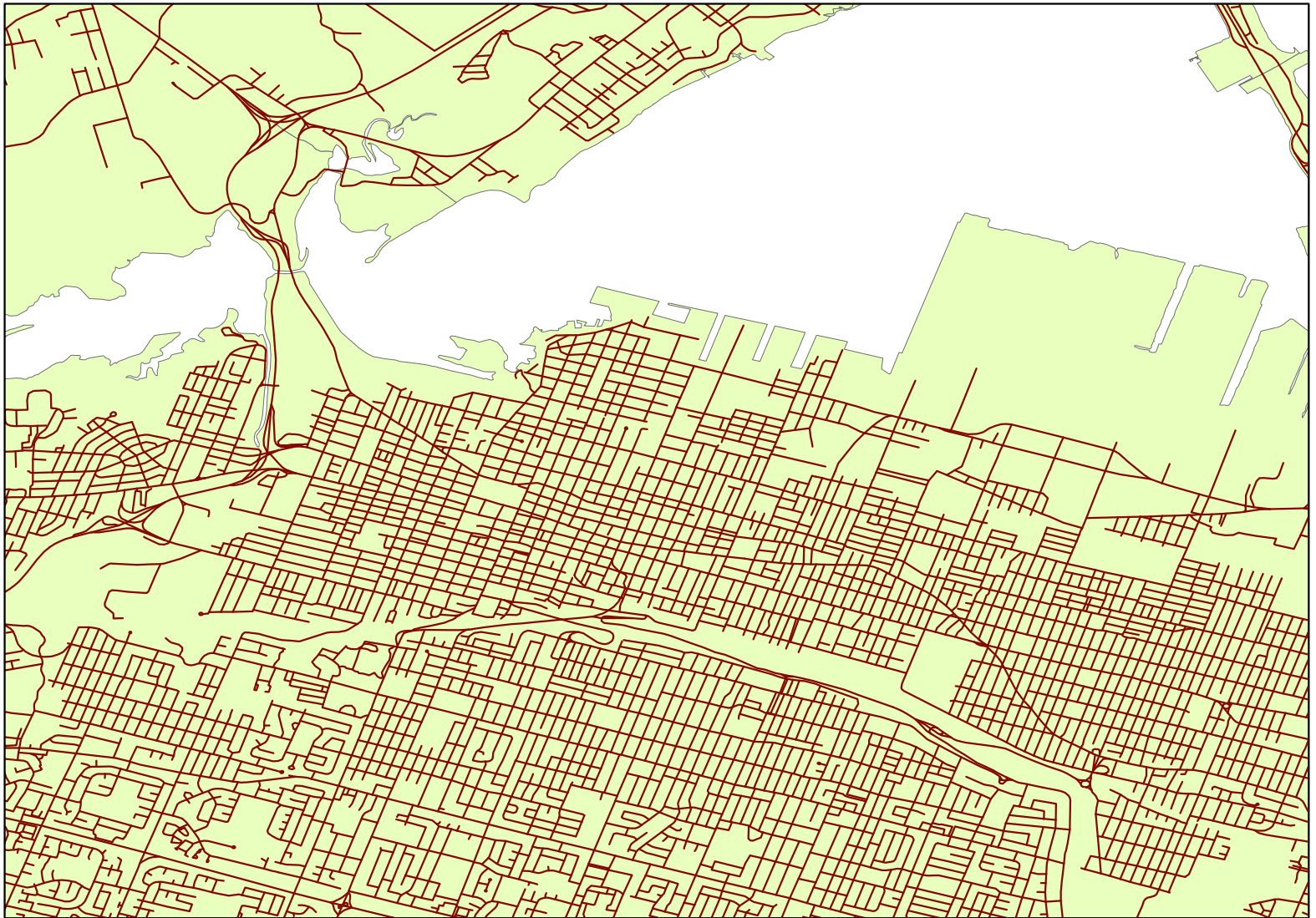
Source: 2001 Census of Canada. Produced by the Geography Division, Statistica Canada, 2003.  
 Source: Recensement du Canada de 2001. Prépare par le Division de la géographie, Statistique Canada, 2003.

Canada

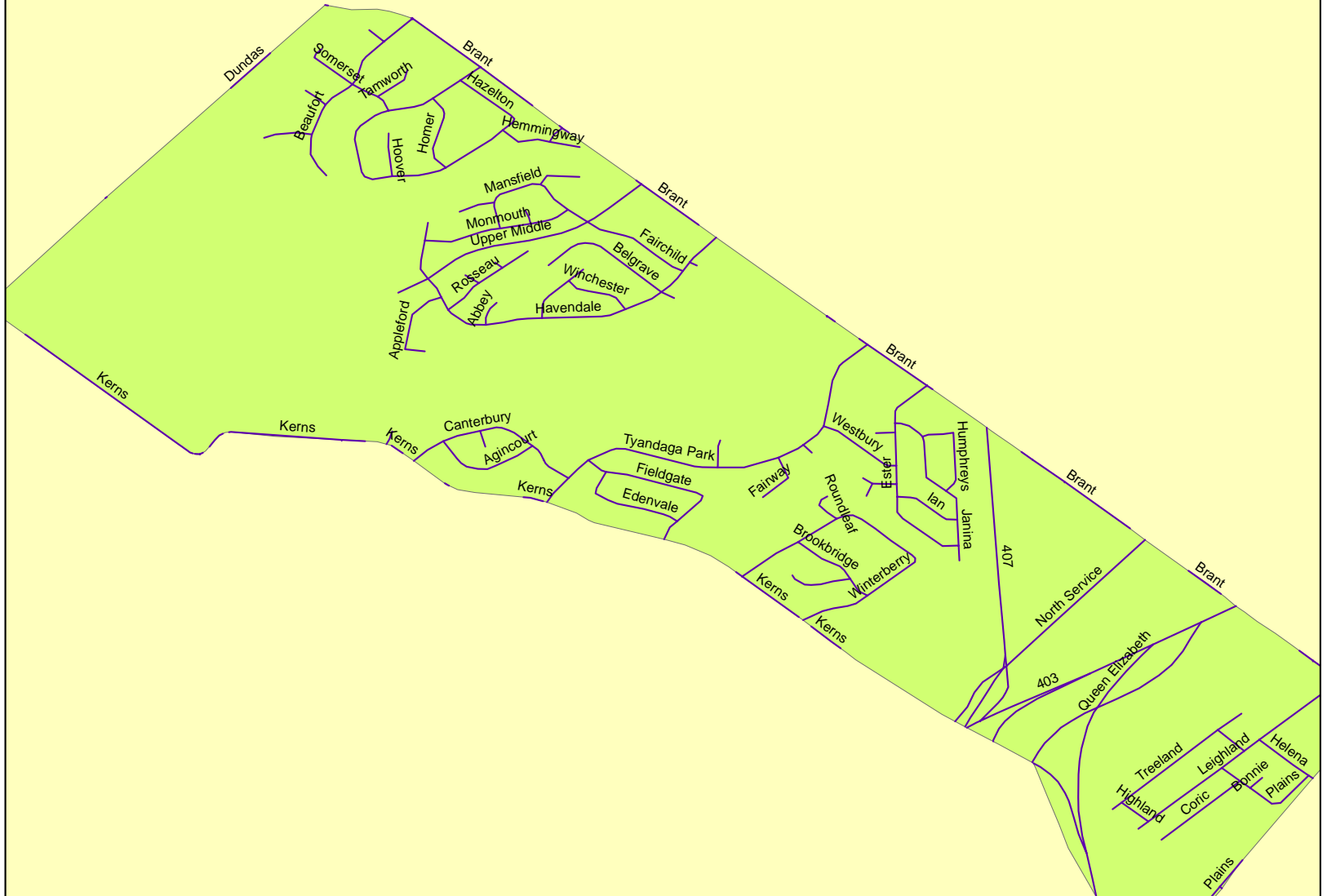
# *Census – Road Network*

- ✦ The Road Network File (RNF), 2005, is the first official release from the 2006 Census Geography suite of products and services.
- ✦ The RNF is a digital representation of Canada's national road network, containing information such as street name, type, direction and address ranges
- ✦ The Road Network can be downloaded from [http://geodepot.statcan.ca/Diss/2006Dissemination/Data/FRR\\_RNF\\_e.cfm](http://geodepot.statcan.ca/Diss/2006Dissemination/Data/FRR_RNF_e.cfm)

## Sample of 2005 Road Network



# Sample of 2005 Road Network



# *2006 Census – Questionnaire*

- ✦ 1 new question on education
- ✦ 3 new questions on income
- ✦ 4 modified questions on education
- ✦ Question on “years of schooling” removed
- ✦ Question on “full/part time school attendance” replaced
- ✦ Question on religion not asked

# *Census – New Education Question*

## **On Education**

- ✦ The 2006 Census includes a new question on where individuals received their highest level of education, allowing analysis of inter-provincial/territorial and international flows of skilled personnel.

# *New Education Question (2)*

**31** In what province, territory or country did this person obtain his/her **highest** level of education?

**In Canada**

*Specify province or territory*

--	--	--	--	--	--	--	--	--	--	--	--

**OR**

**Outside Canada**

*Specify country*

--	--	--	--	--	--	--	--	--	--	--	--

# *Census – New Income Questions*

## **On Income**

- ✦ A question was added that gives respondents the option of granting Statistics Canada consent to use income information available in their income tax file in lieu of answering the income questions. This is aimed at reducing response burden and improving data quality.
- ✦ Two other income questions were added to the questionnaire on income from child benefits and income tax paid.



# *New Income Question (2)*

**51** To save time, each person can give Statistics Canada permission to use the income information already available in his/her income tax files instead of answering **Question 52**.

- *This option is only available for persons who filed a tax return for the year ending December 31, 2003.*
- *Please note that your income tax information will be used for statistical purposes only.*

Does this person give Statistics Canada permission to use the income information already available in his/her income tax files for the year ending December 31, 2003?

Yes → Person 1 agrees.  
Go to Question 53

No → Continue with Question 52

Yes → Person 2 agrees.  
Go to Question 53

No → Continue with Question 52





# *2006 Census – Question not asked*

## **On religion**

- ✦ What is this person's religion?
- ✦ This question is normally asked only once every 10 years, and the religion question was asked in the 2001 Census.

# *2006 Census – Modified Questions*

## **On Education**

- ✦ The 2006 Census includes revised content for education that will provide more detailed data on all of the postsecondary diplomas, certificates and degrees held by individuals than in 2001.
- ✦ Modified questions include:
- ✦ A separate question for each level of schooling, replacing the 2001 question asking respondents to report all degrees
- ✦ Type of school attended, replacing the 2001 question asking respondents the nature of school attendance (full-time vs. part-time)
- ✦ The number of years of schooling received question has been removed, reflecting the increasing importance of credentials earned compared with a measure of years of schooling that does not always reflect completed studies

# Modified Question (2)

## EDUCATION

**26** Has this person completed a **secondary (high) school diploma or equivalent**?

*Examples of secondary (high) school equivalency certificate are General Educational Development (GED) or Adult Basic Education (ABE).*

### Secondary (High) School

- Yes, secondary (high) school diploma
- Yes, secondary (high) school equivalency certificate
- No

# Modified Question (3)

**27** Has this person completed a **registered apprenticeship** or other **trades certificate** or diploma?

Mark "ⓧ" as many circles as applicable.

For example:

- *hairdressing*
- *CNC machinist*

**Registered Apprenticeship and Trades Certificate**

- Yes, registered apprenticeship certificate or diploma
- Yes, other trades certificate or diploma
- No

FOR INFORMATION

# Modified Question (4)

**28** Has this person completed a college, CEGEP, or other non-university certificate or diploma?

Mark "⊗" as many circles as applicable.

For example:

- *accounting technology*
- *real estate agent*
- *industrial engineering technology*

College, CEGEP and Other Non-university Certificate or Diploma

- Yes, certificate or diploma from a program of less than 3 months
- Yes, certificate or diploma from a program of 3 months to less than 1 year
- Yes, certificate or diploma from a program of 1 to 2 years
- Yes, certificate or diploma from a program of more than 2 years
- No



# Modified Question (5)

**29** Has this person completed a **university** degree, certificate or diploma?

Mark "X" as many circles as applicable.

## University

- Yes, certificate or diploma below bachelor level
- Yes, bachelor's degree (including LL.B.)
- Yes, certificate or diploma above bachelor level
- Yes, master's degree
- Yes, degree in medicine, dentistry, veterinary medicine or optometry
- Yes, earned doctorate
- No

# *2006 Census – Question Removed*

## **On education**

- ✦ In the past nine months (that is, since last September), was this person attending a school, college or university?
  - No, did not attend in the past nine months
  - Yes, full time
  - Yes, part time, day or evening

# *Question Removed*

## **On Education**

- ✦ How many years of schooling has this person ever completed at an institution **other than** a university, a secondary (high) school or an elementary school?

## *2006 Census – Same Sex Couples*

✦ As in the 2001 Census, the question on household relationships on the 2006 Census includes a response category for the identification of same-sex common-law partners. Same-sex married couples can identify their relationship by providing a written response of "same-sex married spouse" in the write-in field.

# Same Sex Couples (2)

## 6 RELATIONSHIP TO PERSON 1

For each person usually living here, describe his / her relationship to Person 1.

Mark "X" or specify one response only.

Stepchildren, adopted children and children of a common-law partner should be considered sons and daughters.

If none of the choices apply, use the "Other" box to indicate this person's relationship to Person 1.

Examples of "Other" relationships to Person 1:

- cousin
- niece or nephew
- lodger's spouse or partner
- room-mate's son or daughter
- employee

FOR INFORMATION

PERSON 1

- Opposite-sex spouse or common-law partner of Person 1
- Same-sex spouse or common-law partner of Person 1
- Son or daughter of Person 1
- Son-in-law or daughter-in-law of Person 1
- Grandchild of Person 1
- Father or mother of Person 1
- Father-in-law or mother-in-law of Person 1
- Grandparent of Person 1
- Brother or sister of Person 1
- Brother-in-law or sister-in-law of Person 1
- Lodger or boarder
- Room-mate
- Other — Specify

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

# *2006 Census – Minor Wording Changes*

## **Ethno-cultural**

- ✦ Population Group – Order of categories and some examples modified based on 2001 Census results.
- ✦ Ethnic Origin – Examples modified based on 2001 Census results, a new preamble and a definition of ancestor added.

# *2006 Census Release Schedule*

- ✦ At least nine major releases – beginning in 2007
- ✦ Geographic spatial products to be disseminated in advance of the Population and Dwelling Counts release in early 2007.
- ✦ All standard products should be released by the spring of 2009.
- ✦ Public Use Microdata Files (PUMFs) and Technical Reports have traditionally been among the last products released every census.
- ✦ Source: 2006 Census Dissemination Consultation Report Catalogue No. [92-132-XWE](#)

# *Census Questions and reasons why they are asked*

✦ [http://www12.statcan.ca/english/census06/info/questions/Reasons\\_why\\_final\\_E.pdf](http://www12.statcan.ca/english/census06/info/questions/Reasons_why_final_E.pdf)

✦ This document also provides examples illustrating census information being used by governments, businesses, institutions, organizations, interest groups and individuals.



# *What Have We Learned?*

- ✦ Change in census geography – service areas of two SPNO members affected
- ✦ Changes in census questions
- ✦ What questions were replaced, removed or not asked
- ✦ Where to download 2005 Road Network File
- ✦ Release schedule of Census products

*Any questions or comments?*

Please contact me at:

Richard Lau

GIS Training Coordinator

2001 Census Consortium Project

Email: [rlau@cdhalton.ca](mailto:rlau@cdhalton.ca)

Phone: 905-632-1975, 878-0955

Fax: 905-632-0778

*Thank you*