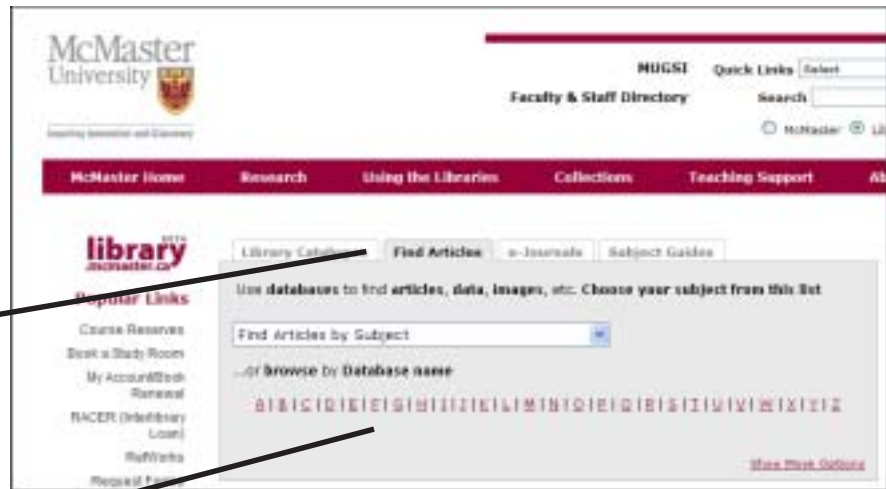




INSTRUCTIONS FOR OBTAINING CENSUS DATA FROM E-STAT

Go to the Library homepage
<http://library.mcmaster.ca>

Click on the **FIND ARTICLES** tab.



Click on the letter **E**
and scroll down to find **E-Stat**.

Click on the Title link
to connect to E-Stat.

E-STAT

Description: Statistics Canada's E-STAT offers an enormous warehouse of reliable and timely statistics about Canada and its ever changing people.

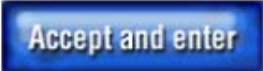
Subjects: [Business](#) | [Social Sciences](#) | [Economics](#) | [Geography](#) | [Labour Studies](#) | [Marketing](#) | [Nursing](#) | [Political Science](#) | [Sociology](#)

[More Info / Permalink](#)



You may be asked to enter a user ID and password (depending on where you are). Just enter your MAC ID or LIBACCESS ID. See <http://library.mcmaster.ca/libaccess.htm> if you need more info.

E-Stat will first offer a choice of English or French language, and then license terms (educational use only).

Click  to proceed.

E-STAT: Table of contents

Economy	
Business performance and ownership	Manufacturing
Business, consumer and property services	Prices and price indexes
Construction	Retail and wholesale
Economic accounts	Science and technology
Information and communications technology	Transportation
International trade	
Land and Resources	
Agriculture	Environment
Energy	
People	
Aboriginal peoples	Income, pensions, spending and wealth
Children and youth	Labour
Culture and leisure	Languages
Education, training and learning	Population and demography
Ethnic diversity and immigration	Seniors
Families, households and housing	Society and community
Health	Travel and tourism
Nation	

Select the section appropriate to the variable you want from the **PEOPLE** section of the TABLE OF CONTENTS.

For most Census variables, choose POPULATION AND DEMOGRAPHY.

[Table of contents >](#)

CANSIM: (What Is CANSIM?)

- [Population and demography](#)
- [Births and deaths](#)
- [Mobility and migration](#)
- [Population changes](#)
- [Population estimates and projections](#)

Census databases: (What Is Census?)

- [Population and demography](#)
- [Mobility and migration](#)
- [Population aging](#)
- [Population changes](#)
- [Population estimates and projections](#)

Under **CENSUS DATABASES** in the lower half of the screen, choose the subsection that is appropriate for your variable.

A list of possible data tables will be displayed.

Tables for Census 2006 will appear first.

Scroll down for older Census years.

35 matches found for "Population characteristics"

2001 Census of Population (Provinces, Census Divisions, Municipalities)

- [2001 Population and Dwelling counts](#)
- [2001 Population by Age and Sex](#)
- [2001 Marital Status, Common-law Status, Families, Dwellings and Households](#)
- [2001 Languages, Mobility and Migration](#)

2001 Census of Population (46 Large Urban Centers, Census Tracts (neighbourhoods))

- [2001 Population and Dwelling counts](#)
- [2001 Population by Age and Sex](#)
- [2001 Marital Status, Common-law Status, Families, Dwellings and Households](#)

To create a detailed map of your urban area, you must select a table where the title includes "...**LARGE URBAN CENTRES, CENSUS TRACTS**...".

2001 Marital Status, Common-law Status, Families, Dwellings and Households

Geography: (Select one from the list.)
2001 - Large Urban Centres in Canada

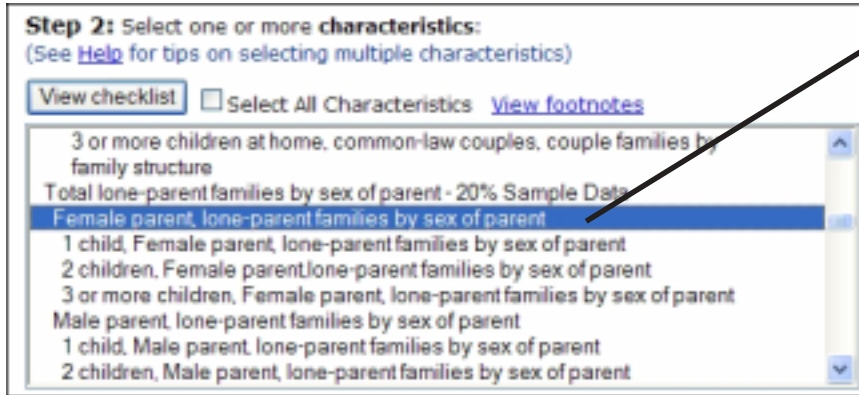
Under GEOGRAPHY, click on the drop down menu to display the city names.

Click on the line for the appropriate city name.

Geography: (Select one from the list.)

2001 - Large Urban Centres in Canada
Large Urban Centres in Ontario - 2001 - Ottawa - Hull (237 areas)
Large Urban Centres in Ontario - 2001 - Kingston (40 areas)
Large Urban Centres in Ontario - 2001 - Belleville (33 areas)
Large Urban Centres in Ontario - 2001 - Peterborough (25 areas)
Large Urban Centres in Ontario - 2001 - Oshawa (68 areas)
Large Urban Centres in Ontario - 2001 - Toronto (932 areas)
Large Urban Centres in Ontario - 2001 - Hamilton (172 areas)
Large Urban Centres in Ontario - 2001 - St. Catharines - Niagara (91 areas)
Large Urban Centres in Ontario - 2001 - Kitchener (91 areas)
Large Urban Centres in Ontario - 2001 - Brantford (19 areas)
Large Urban Centres in Ontario - 2001 - Guelph (23 areas)

On the same screen, move down to the **STEP 2: CHARACTERISTICS** menu.



Click on whichever variable you wish to select.

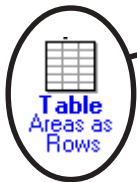
Hold down the CONTROL key to select multiple variables. Or use the VIEW CHECKLIST option to select multiple variables.

If you are going to calculate percentages or ratios, be sure to select the **total** for the same variable.

It is important to select two variables that correspond, in order to calculate a percentage. In this example, your percentage calculation would be “FEMALE PARENT, LONE PARENT FAMILIES BY SEX OF PARENT” expressed as a percentage of “TOTAL NUMBER OF CENSUS FAMILIES IN PRIVATE HOUSEHOLDS...”

$$(FEMALE PARENT LONE PARENT FAMILIES / TOTAL FAMILIES * 100)$$

Variables are displayed in a hierarchical order in E-Stat. If your variable involves FAMILY INCOME, choose also TOTAL FAMILIES. If your variable involves POPULATION 15 YEARS AND OLDER, choose also TOTAL POPULATION 15 YEARS AND OLDER.



After you have selected your variables, click on the TABLE (AREAS AS ROWS) icon to view the data that you have selected.

The table you see will contain whichever census variables you have chosen as columns.

The geographical units (Census Tracts) appear as rows.

2001 Census of Population (46 Large Urban Centres, Census Tracts (neighbourhoods))		
2001 Marital Status, Common-law Status, Families, Dwellings and Households, Hamilton (172 areas)		
Area Name:	Total lone-parent families by sex of parent - 20% Sample Data	Female parent, lone-parent families by sex of parent
0001.01	110	95
0001.02	260	205
0001.03	415	370
0001.04	285	250
0001.05	125	120
0001.06	200	140
0001.07	275	225

When you are satisfied with the census data that you have selected, scroll to the bottom of the table.

In the DOWNLOAD TO A FILE options, click on the dBASE (.DBF) FILE icon to save your data.

Data must be in .DBF format to be compatible with ArcView.



Click on the SAVE button to save file to disk.

Save your data to a file by selecting a drive where you can save (U drive in the Library or your flash drive).

Type a filename and click the OK button. (The file extension .DBF will be supplied automatically.)

Hint: Choose a name that identifies the city, so that you can differentiate between your data files at the mapping stage.

