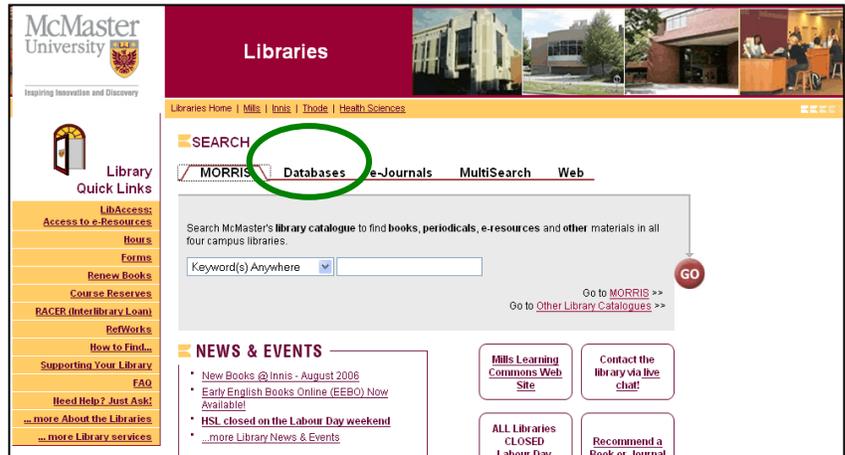


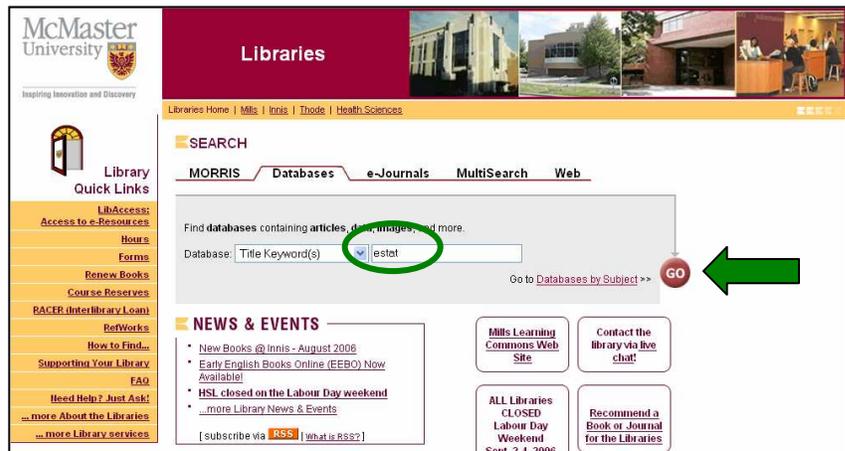
# How to Get Census Data from E-STAT

## Connecting to E-STAT

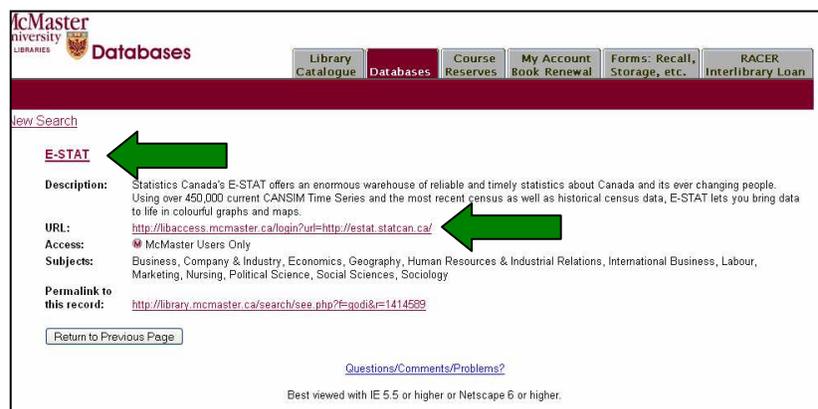
- 1) From the Library Home Page, <http://library.mcmaster.ca>, click on the Databases tab



- 2) Once on the Databases tab, type in **estat** and hit the Go button



- 3) Click on the Title or the URL to enter E-STAT



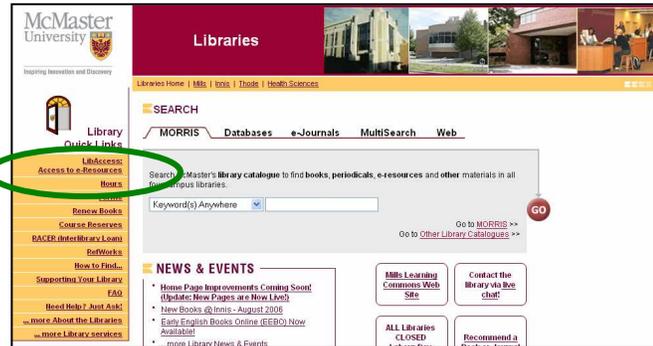
- 4) You will be prompted to enter a user name and password. If you have a **MAC ID**, simply enter your MAC ID name and password.

If you **do not** have a MAC ID, you will need to use your **LibAccess** account. If you've never used LibAccess before, set it up as follows:

a) If you're in the library, go to any internet computer and click **Start > Set up a LibAccess Account**

b) If you're at home, go to the McMaster Library Home Page: <http://library.mcmaster.ca> ...and click **LibAccess: Access to e-Resources**

c) Follow the instructions to set up your LibAccess account. Repeat steps 1-3 to get to E-STAT.



5) E-STAT will offer a choice of English or French language, and then license terms (educational use only). Click **Accept and enter** to proceed.



6) You are then directed to the data page.



## Choosing an appropriate data table

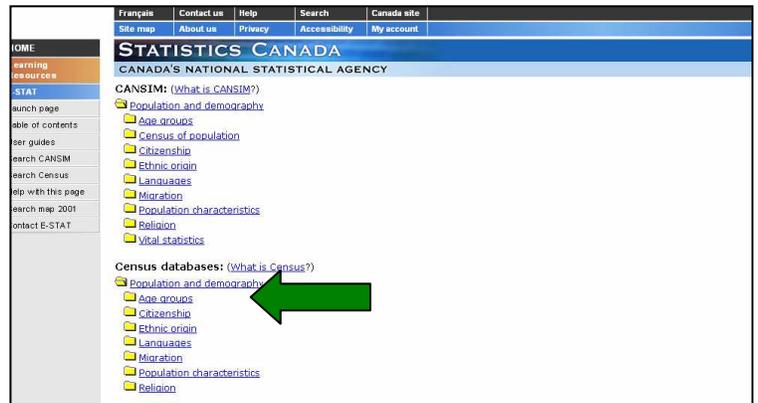
- 1) From the *People* section of the Table of Contents, select a heading appropriate to the variable you want.

For example, for age and sex statistics, choose *Population and Demography*.



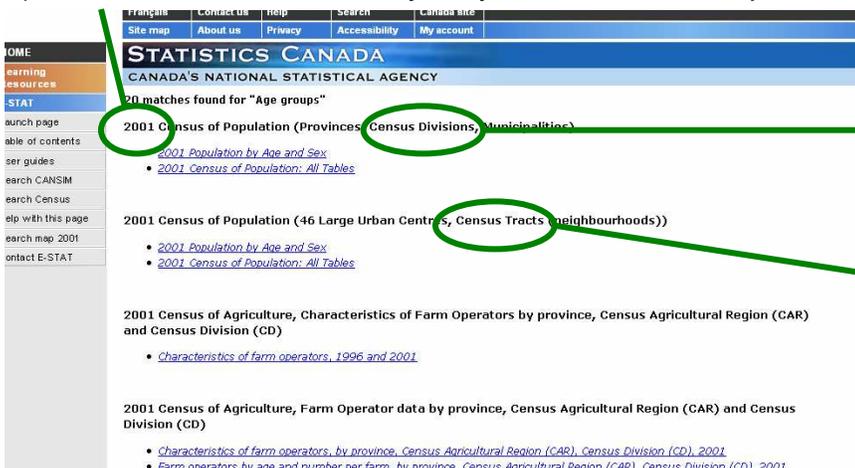
- 2) Under *Census Databases* in the lower half of the screen, choose the subsection that is appropriate for your variable.

For example, for age and sex statistics, choose *Age groups*.



You'll see a list of possible data tables. The 2001 Census appears first, followed by previous Census years.

- 3) Look first for the Census year you need, for example 2001.



a) For a whole city or region, select a table where the title includes *Census Divisions*.

OR

b) For **Census Tracts** (similar in size to neighbourhoods), select a table where the title includes *Large Urban Centres, Census Tracts*.

For example, for age and sex statistics, click on *2001 Population by Age and Sex* under either *Provinces, Census Divisions, Municipalities*, OR *46 Large Urban Centres, Census Tracts (neighbourhoods)*.

## Choosing geography and characteristics within the table

1) Click on the drop-down menu for Geography.

**2001 Population by Age and Sex**

Geography: (Select one from the list.)

2001 - Provinces and Territories in Canada



a) For a whole city or region, select a geography whose title includes the name of a province and *Counties*, for example *Ont. (49 Counties, regional municipalities, etc.)*.

Geography: (Select one from the list.)

2001 - Ont. (49 Counties, regional municipalities, etc.)

2001 - Provinces and Territories in Canada

2001 - Canada, Provinces and Territories (1)

2001 - Canada (288 Census divisions, i.e. counties)

2001 - Nfld. (10 Census divisions)

2001 - P.E.I. (3 Counties)

2001 - N.S. (18 Counties)

2001 - N.B. (15 Counties)

2001 - Que. (99 Regional county municipalities, etc.)

2001 - Ont. (49 Counties, regional municipalities, etc.)

2001 - Man. (23 Census divisions)

2001 - Sask. (18 Census divisions)

b) For Census Tracts within a city, select a geography whose title includes *Large Urban Centres* and the name of the city, for example, for census tracts within Hamilton, choose *Large Urban Centres in Ontario - 2001 - Hamilton (172 areas)*.

Large Urban Centres in Quebec - 2001 - Ottawa - Hull (237 areas)

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)

Large Urban Centres in Ontario - 2001 - London (101 areas)

Large Urban Centres in Ontario - 2001 - Windsor (67 areas)

Large Urban Centres in Ontario - 2001 - Sarnia (24 areas)

Large Urban Centres in Ontario - 2001 - Barrie (28 areas)

Large Urban Centres in Ontario - 2001 - North Bay (21 areas)

2) Click on the characteristics (variables) you wish to select:

- hold down the Control key to select multiple variables

OR

- use the View checklist button to open a window where you can select variables one at a time

Characteristics: (You may only map one characteristic at a time. [See Help](#) for tips on selecting multiple items)

View checklist  Select All Characteristics [View foot](#)

Population, 1996 (100% data)

Population, 2001 (100% data)

Population percentage change, 1996-2001

Land area in square kilometres, 2001

Total population by sex and age groups (100% data)

Male, total population

0-4 years, Male population

5-9 years, Male population

10-14 years, Male population

15-19 years, Male population

(43 characteristics)

Land area in square kilometres, 2001

Total population by sex and age groups - 100% Data

Male, total population

0-4 years, Male population

5-9 years, Male population

10-14 years, Male population

15-19 years, Male population

20-24 years, Male population

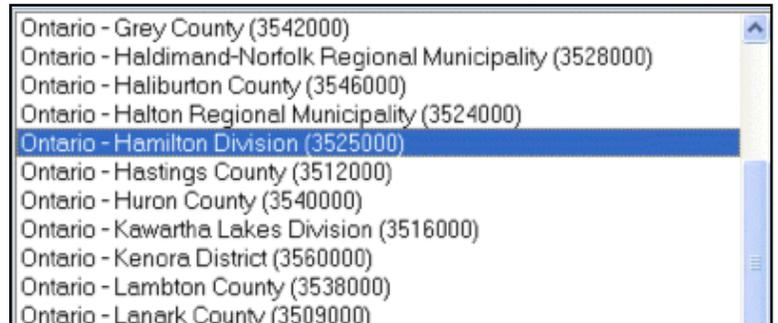
## Reducing the number of geographical areas

- 1) Under *Choose an output format*, click on



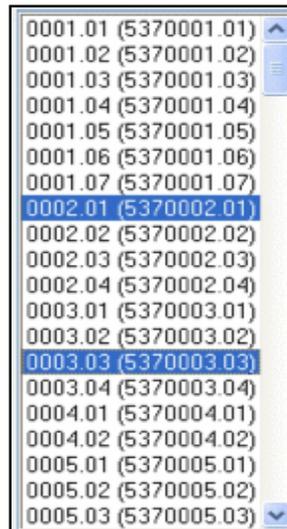
- 2) Select the geography you are interested in.

- a) For example, select *Ontario – Hamilton Division* for the city of Hamilton.



OR

- b) Select one or more Census Tracts within the city; Census Tracts are identified by numbers; hold down the Control key to select multiple areas if necessary.



## Displaying your data

- 1) At the bottom of the screen, under “*Screen outputs*” click on the icon to display the data. If you have only a few geographical areas and many data variables, choosing “*Areas as Columns*” will keep the table from being too wide.



or



the

The resulting table contains the census variables and geographic areas you have chosen as columns and rows.

For example, in this table, the areas (*Census Tracts 2.01 and 3.03*) appear as columns, and the variables (*Population by Age and Sex*) appear as rows.

2001 Population by Age and Sex		
Hamilton (172 areas)		
Characteristic:	0002.01	0003.03
Total population by sex and age groups (100% data)	3,655	3,290
Male, total population	1,855	1,615
0-4 years, Male population	145	115
5-9 years, Male population	175	145
10-14 years, Male population	185	150
15-19 years, Male population	140	135
20-24 years, Male population	120	130
25-29 years, Male population	115	85
30-34 years, Male population	135	115
35-39 years, Male population	175	105
40-44 years, Male population	140	115
45-49 years, Male population	130	95

### Redisplaying Your Data as Percentages

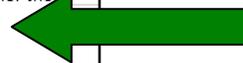
In addition to displaying the data as numbers, you may also want to redisplay it as percentages of the total. For example, you can display the number of males and females in various age ranges as a percentage of the total population.

At the bottom of the table, under *"Redisplay As"*, change the radio button to *"Data as % of 1<sup>st</sup> characteristic"*, assuming the 1<sup>st</sup> characteristic is the total.

75-79 years, Female population	30	30
80-84 years, Female population	10	15
85+ years, Female population	5	10

No Sum                       No Sort  
 Sum starting with the 1<sup>st</sup> characteristic       Sort on data for the 1<sup>st</sup>

Redisplay As:       Actual Data       Data as % of 1<sup>st</sup> characteristic



## Printing or Downloading your Data Table

When you are satisfied with the data in your table, you can either print the table or download it to a file.

### To print:

- 1) Ensure that the table is not too wide to fit the page width. You may need to alter the display from *Areas as Rows* to *Areas as Columns* or vice versa, and/or change the page layout from portrait to landscape; ask Research Help staff if you need help doing this.
- 2) Use *File... Print Preview* to make sure all your data is displaying correctly, then *Print*.

Characteristic:	Ontario - Hamilton Division
<b>Total population by sex and age groups - 100% Data</b>	490,265
0-4 years, Male population	14,645
5-9 years, Male population	16,620
10-14 years, Male population	17,240

### To download:

- 1) Look at the *Download to a file* options at the bottom of the screen. Click on the icon that will save your data in a format to match the software you will use to manipulate and/or display the data.



For example, Microsoft Excel will accept a file in *Spreadsheet.WK1* format.

- 3) Click on the Save button and select the desired location for the file.



For example, select the A: drive to save the file to a floppy disk.



- 4) Type a file name and click Save or OK; the file extension will be supplied automatically.

