



Learning Resources from Statistics Canada for University Teaching

On www.statcan.ca - DLI, E-STAT

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The Statistics Canada web-site has a growing number of useful data sources for teaching, including over 500 tables on [Canadian statistics](#) and thousands of tables and maps on the new [Statistical Profile of Canadian Communities](#). Hundreds of files are also available to participating university faculty and students for academic research and teaching through the Data Liberation Initiative (DLI). E-STAT, our most extensive data warehouse for educators, is an electronic teaching and learning aid in Internet format updated annually. E-STAT is available in English and French at <http://estat.statcan.ca>. E-STAT allows educators and students to retrieve and manipulate current statistical information, then display it as maps, graphs or worksheets, or export it to diskette. E-STAT can be used in Canadian economics, history, geography and social science courses dealing with economic, social, urban, agricultural, industrial and environmental issues. E-STAT is available only to educational institutions and their staff and students. Over 10,000 Canadian education sites have already registered.

E-STAT contains over 500 free articles, plus over 26,000,000 CANSIM time series of current and historical data on Canada, ideal for economics, plus the results from the pre-confederation, 1986, 1991, 1996 and 2001 Censuses. You can map over 1700 variables from the 2001 and 1996 Census of Population at the census tract, municipality, county and province level and over 600 variables from the 1991 Census of Population. In addition, you can extract and map or graph over 800 variables from the 1996 and 650 variables from the 1991 Census of Agriculture at census division (county) level.

OTHER STATISTICS CANADA RESOURCES TO LOOK AT:

- www.statcan.ca - access to Statistics Canada on the Internet including over 100,000 web pages and 30,000 documents with results from over 350 ongoing surveys
- Hundreds of data files available through the Data Liberation Initiative (DLI), and 15,000 files in total

What's New from Statistics Canada to support teaching?

- . Over 20 exemplary post-secondary assignments are included under Postsecondary resources/ Course assignments.
- . Resources for provincial social studies courses are linked to relevant STC data, lessons and articles
- . E-STAT provides free access to *Human activity and the environment 2000-2004*, *Graphical overview of criminal justice indicators*, *Canadian Social Trends* (quarterly magazine tracking social trends), *Health Reports* and more articles.



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INFORMATION CONTENT OF E-STAT

HISTORICAL CENSUSES 1665 - 1871

Censuses of the colonies in the future nation of Canada before confederation including:

- a) from 1665 to 1714 - 33 databases;
- b) from 1719 to 1827 - 30 databases;
- c) from 1828 to 1841 - 40 databases;
- d) from 1842 to 1871 - 34 databases.

Note: boundary files to permit mapping of the results are only provided for the Census of New France of 1665-66 and for the Censuses of the 5 colonies for 1861.

CANSIM DATABASE - over 26,000,000 time series organized into over 2,400 tables of information. The database can be searched by subject, by keyword, by table number, or by time series number.

1996 CENSUS OF POPULATION PROFILES COMPONENTS - over 1700 variables by province, census division, census subdivision and census tract organized in 9 profiles:

1996 CENSUS OF AGRICULTURE PROFILES - over 700 variables by census division organized in 19 profiles:

1991 CENSUS OF POPULATION PROFILES COMPONENTS - over 650 variables by province, census division, census subdivision and census tract organized in 2 profiles:

- 1) 2A Short questionnaire (population, age, sex, marital status, mother tongue, dwellings, households by type and size, families by type and size, economic families - 152 variables)
- 2) 2B Long questionnaire (home language, knowledge of language, religion, ethnic origin, immigrant pop., mobility, women by # of children, education, post-secondary qualifications, labour force activity by sex and age, labour force by industry, occupation by sex, place of work by sex, characteristics of dwelling and expenses, labour force activity by family type, income by sex and age for individuals, families and households, etc. - 529 variables)

1991 CENSUS OF AGRICULTURE DATABASE COMPONENTS

7 Tables with over 650 variables, by census division within province:

Related sources: *Canadian Agriculture at a Glance* Publication, Catalogue # 96-3010.

1991 ABORIGINAL PEOPLES SURVEY

Community Profiles: 497 characteristics including sections on Population, Aboriginal languages, Traditional activities, Health, Lifestyle, Schooling, Work, Income, Mobility, Disability, and Aboriginal occupied dwellings, for 583 aboriginal communities.

Source: Reference Guide to the Community Profiles, 1991 APS, Catalogue # 89F0020XDE.

1986 CENSUS OF POPULATION PROFILES COMPONENTS - over 400 variables by province, census division, and census subdivision organized in 2 profiles.

ENVIRONMENT DATABASE

Over 100 environment related variables by province, watershed, ecozone and ecoregion.

ELECTIONS DATABASE

results from the 1997 and 200 federal elections of Canada by province and by electoral riding.

ARTICLES ON E-STAT

- *Human activity and the environment 2000* (a 300 page book with many tables and a related teacher’s kit),
 - *Graphical overview of criminal justice indicators* (a 120 page book full of graphical trends)
 - all *Canadian Social Trends* articles since 1999 (a quarterly magazine tracking social trends)
 - all *Health Reports* articles from 1995 to 2000
 - selected articles from *Canada Year Book 2001*
 - selected articles related to each topic in the E-STAT Table of Contents from Statistics Canada
- Daily news releases
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Statistics Canada Workshop Activities Using www.statcan.ca

Name: _____ Date: _____
Courses I teach where STC data might be useful: _____

Part A - Analytical Articles on E-STAT

Go to E-STAT at <http://estat.statcan.ca>
Click Articles at the top of the E-STAT Table of Contents page. Identify at least one topic on the table of contents list, and at least two specific articles on E-STAT (out of the more than 500 articles on E-STAT) that could be useful for you in your teaching or in developing a research proposal or could help your students or colleagues in supporting analysis for a project of interest.

Topic: _____

Articles:

1. _____
2. _____

Statistics Canada Workshop Activities using www.statcan.ca

Part B - CENSUS OF POPULATION, AGRICULTURE AND ENVIRONMENT DATABASES ON E-STAT

List three characteristics from one of the Census of Population, Census of Agriculture or Environment databases that could help you in a course you are teaching, or help you develop an understanding of a community or region of interest for an assignment or project you have. Librarians can list characteristics useful for dealing with common reference questions. Include a short explanation of how you might use these particular characteristics.

- 1.
- 2.
- 3.

Part C - CANSIM DATABASE

Identify at least one subject on the CANSIM subject / table of contents list, and at least two specific tables (out of the more than 2,400 multi-dimensional tables on CANSIM) that could be useful for you in your teaching or in developing a research proposal or could help your students or colleagues in supporting analysis for a project of interest. Librarians might identify tables which are useful for answering typical reference questions.

Course or Project: _____ CANSIM Topic: _____ Table #:
Course or Project: _____ CANSIM Topic: _____ Table #:

What other data on Canadian society or the Canadian economy would be useful to you for your academic work or teaching?

Part D - DLI Collection of Files

Search the DLI collection at <http://www.statcan.ca/english/Dli/contents.htm> Identify and list below 2 files in the DLI collection that could be of interest to you for your teaching or research. Pass this on to your DLI contact if you wish.

1. _____
2. _____

In which course or research project might these files be useful? _____