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University
LIBRARIES



Historical Data and Statistics

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Sociology 743

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Library Data Service

- The McMaster LDS promotes and facilitates the use of specialized electronic data products for **authorized McMaster users**.
- The LDS exists both as a physical place (Mills Library, room no. L111) and a virtual research facility at <http://library.mcmaster.ca/data>



Data/Microdata

- Library Data Service acquires data files as a member of two major consortia - Statistics Canada's Data Liberation Initiative (DLI) and Inter-University Consortium for Political and Social Research (ICPSR).
- Access to the data files are restricted to current McMaster University faculty, staff and students for the purposes of teaching, research and private study only.
- All users seeking access to the survey data files are required to complete a user agreement form at the LDS before accessing the data files.



Format and Supported Software

- Usually the data files are in SPSS and SAS formats.
- Occasionally, Statistics Canada uses their interface system to disseminate data.
- Documentation files comes in .pdf, .wpd, .doc or .txt formats.
- Although SPSS and SAS are supported at LDS, files in many different formats (such as STATA, S-Plus, Access etc.) are converted using Stat/Transfer software.
- The access to data is given on a CD-ROM/DVD-ROM/USB Key or where ever possible, through self-serve web interfaces such as ICPSRDirect, <odesi> etc.



Historical Data Sources

DLI Website: <http://www.statcan.gc.ca/dli-ild/dli-idd-eng.htm>

- The DLI website maintain a collection of Statistics Canada's microdata surveys which includes the list of data and metadata products in the collection, survey names and acronyms, product release dates, addition and changes to the collection.
- The data products include:
 - Public-use Microdata files from various surveys such as Canadian Census, Canadian Community Health Survey, General Social Survey etc.
 - Databases such as Social Policy Simulation Database and Model, Inter-Corporate Ownership (ICO), Small Area Business and Labour Database (SABAL) etc.
 - Census standard products
 - Aggregated data on subjects such as justice and education
 - Geography products



DLI Microdata Surveys

- National Population Health Survey (NPHS)
- Canadian Community Health Survey (CCHS)
- Labour Force Survey (LFS)
- Survey of Household Spending (SHS)
- Survey of Financial Security (SFS)
- Survey of Labour and Income Dynamics (SLID)
- Census Microdata

Please visit <http://www.statcan.gc.ca/cgi-bin/spider/dli.cgi> for a complete list of microdata surveys available through DLI.



Historical Data Sources

ICPSR: <http://www.icpsr.umich.edu/>

- ICPSR maintains and provides access to a vast archive of social science data for research and instruction.
- The ICPSR data contain mainly US survey statistics with some international content. The thematic categories lists data holdings on 17 broad subject areas such as education, health, justice etc.
- The ICPSR data holdings can be searched, downloaded and manipulated using ICPSR Direct service. Users need to create MyData account to use ICPSR Direct. Only authorized McMaster Users (current Faculty, Staff and Students) are allowed access to the data.
- ICPSR supplies data files for use with statistical software, such as SAS, SPSS, and Stata.



Historical Statistical Sources

- **Censuses of Canada 1665 to 1871:**
<http://www.statcan.gc.ca/pub/98-187-x/98-187-x2000001-eng.htm>
Contains about 350 statistical tables on the social and economic conditions of Canada from 98 Censuses of the earliest settlements to Confederation in 1867 and on to 1871. Also available from [E-STAT](#).
- **E-STAT:** <http://estat.statcan.ca>
Contains selected tables from CANSIM II and 1986 through 2001 Census profile files. Census tables are for census subdivisions, provinces, and census tracts, arranged by broad subject areas. Also includes historical census aggregate statistics from 1665-1871 censuses, as well as 1997 and 2000 federal election results by province and federal electoral district.
- **Canadian Census Analyser:**
<http://datacentre.chass.utoronto.ca/census>
provides access to Canadian Census Data: 2001, 1996, 1991, 1986 and 1981 Enumeration Area level Profile Tables; 2001, 1996, 1991, 1986, 1981, 1971 and 1961 Census Tract level Profile Tables; 2001, 1996 and 1991 Provincial and Federal District Profile Tables and the 2001, 1996, 1991, 1986, 1981 and 1971 Individual Microdata Files.



<odesi>

- <odesi> is a web-based data extraction system delivered through Scholars Portal, provides access to diverse, quality, numeric data sets including demographic data from Statistics Canada and polling data from Gallup.
- This application facilitates the exploration (searching, data manipulation, creation of summary statistics, graphing and export) of multiple, sophisticated data sets.
- Access is open to all OCUL institutions and is controlled by IP address.
- To connect to **<odesi>**: <http://www.odesi.ca>



Contact Information

Location

Mills Memorial Library, Room L111

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E-mail

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Hours of Service

9:30 am – 1:00 pm

2:00 pm – 4:30 pm