

Data about Women and Gender

Prof. Fridell, 2010

Introduction:

1. Types of data:

aggregate: collective or summary form of data, usually generated from surveys. Can be published in paper, part of a database, a cd-rom, or on the internet. In some cases, it involves specific software.

survey: a sample of a population answers a questionnaire. More of these are beginning to appear as part of online analysis systems, but most still require the use of statistical software, such as SPSS. A core collection is on the Data Library Services workstation.

spatial: data that is georeferenced, and can be mapped. An area of great growth.

2. Sources of data: Statistics Canada, Inter-university Consortium for Political and Social Research (ICPSR) (International Social Survey Program, World Values Survey, etc.)

3. Indexing sites:

GDSourcing, Canadian statistics: “(Government Data Sourcing) is and Internet based research and retrieval company that specializes in helping researchers access statistics collected by the Canadian Federal government. <http://www.gdsourcing.ca>

FedStats: “The gateway to statistics from over 100 U.S. Federal agencies”.
<http://www.fedstats.gov>

Data on the Net: University of California indexing site for social science data.
<http://3stages.org/idata/>

4. Conditions of Use: Although many data sources are freely available to all, some are part of a Library subscription, and therefore only available to current students, faculty and staff to use for non-commercial purposes.

5. Citing the data: Using a source without giving proper credit is plagiarism. As with other forms of information, any data that is used for scholarly purposes should be referenced. Citing a source also permits others to retrace your steps and confirm your numbers. See “How to cite Statistics Canada Products at:
<http://www.statcan.ca/english/freepub/12-591-XIE/12-591-XIE2006001.htm>

6. Help: Gary Strike: 474-7086 or gary_strike@umanitoba.ca
Statistics: Power from Data <http://www.statcan.ca/english/edu/power/toc/contents.htm>
This site is designed “to assist readers in getting the most from statistics.”

Data Sources: Statistics Canada Publications

Statistics Canada publishes a variety of publications, including both statistics and analysis. Many of these are available in paper in Elizabeth Dafoe Library. As of 2006, all publications are freely available in electronic format from Statistics Canada's web site, or through the Depository Services Program. <http://dsp-psd.pwgsc.gc.ca/Collection/Statcan/index-e.html>

1. Resources by subject

- Start at the Statistics Canada home page: <http://www.statcan.gc.ca/start-debut-eng.html>
- At the bottom of the page you will see **Statistics by subject**
- Click on the link to the subject **Labour**
- On the right side, under **Featured products**, click on **Perspectives on Labour and Income**
- On the resulting page, note on the left margin, that you can browse by subject, author, or year
- Click on the **year**, then **2009**, scroll down to **Family work patterns**, and click on the **PDF** link
- Click on the link from the resulting page
- When the article opens, note the Data Source from page 2 (of 12).

2. Statistics paper products → electronic paper publications

- Start at the Statistics Canada website <http://www.statcan.ca/cgi-bin/downpub/freepub.cgi>
- This publications page allows one to access reports, analytical studies, etc.
- In the search box, type **Women in Canada a gender-based statistical report** and click the Search button
- On the results page, click on the **PDF** link, and on the following page, click on the title
- When the publication opens, go to page 103 (105 of 311), the labour area, and browse a bit
- One advantage of a publication is that it gives some analysis of the statistics
- Keep in mind that this is a 2006 publication, and a lot may have changed since then

3. The Daily, the most current statistics

- Go back to the Statistics Canada home page: <http://www.statcan.gc.ca/start-debut-eng.html>
- In the middle of the page, click on **The Daily**
- In the Daily search box, type **Latest release from the Labour Force Survey**, then click Go
- Sort by date if necessary, click on the first result, the **Daily for Friday January 8th, 2010**
- Browse through the article, then at the bottom, click on **Table 1, Labour force characteristics by age and sex**
- Note that the information is very current, up to December 2009
- Note at the bottom of the table, **Related CANSIM table 282-0087**

Other useful publications:

Canadian Association of Social Workers <http://www.casw-acts.ca/>

Finding data on women: a guide to major sources at Statistics Canada. 2007.

<http://dsp-psd.pwgsc.gc.ca/Collection/SW21-22-1998E.pdf>

Child care in Canada / Tracey Bushnik. 2006 (also Statistics Canada)

<http://www.statcan.gc.ca/pub/89-599-m/89-599-m2006003-eng.htm>

Childcare Resource and research unit (publication "Child care space statistics")

<http://www.childcarecanada.org/>

Women, families and work / Wilson. 4th ed. Dafoe HQ 1453 W57 1996

Women and work: inequality in the Canadian labour market / Phillips. Dafoe HD 6099 P61 2000

Data Sources: Statistics Canada Databases

1. Statistics Canada database CANSIM: (E-Library)

- a time-series database, can be daily, weekly, monthly, annual or irregular statistics.
- Start by going to **E-Library**, <http://www.umanitoba.ca/libraries/elibrary/index.shtml> , select **Find music, images, statistics...** then **Statistics and Data** and finally **CANSIM II**.
- the University of Manitoba Libraries subscribes to CANSIM through the University of Toronto.
- It is equivalent to the database on the Statistics Canada website, being updated weekly, but faculty, students & staff do not have to pay to use the Libraries subscription.
- a portion of this database is also available through E-STAT, but it is only updated annually.
- the database consists of related time series grouped into tables
- keep this in mind when searching, as you can search either for a series or for a table.
- select **Continue in English**, and note the options offered on the resulting page
- Click on **CANSIM Multidimensional Chass Main Menu**
- Click on **Locate Tables by Table Numbers**, in the search type **282-0087** press the **Enter** key
- On the results page, go into the table by clicking on the by **dimensions** link
- On the table by dimensions page, select **Canada, Participation rate, Males and Females, 15 years and over**, and finally **Seasonally adjusted**, then click on the **submit** button
- This extracts two time-series, which you must check and **Add selected o the Series Cart**
- On the Series Cart page, you much check them again, and pick an output format, try **Plot-lines graph**, and then click on the **Retrieve all the Series from the Cart** button
- Graphs like these can be cut and pasted into word processors such as Word or Wordperfect

2. Census

- Go to the Data Library Services homepage at: <http://www.umanitoba.ca/libraries/units/datalib/>
- Near the top right, click on **2006 Census (in library use)**
- On the left margin of the Statistics Canada Census page, click on **Data products**
- On the 2006 Census data products page, click on **Topic-based tabulations**
- From the topics list, click on **Families and households**
- Now click on the **Children in a census family** link to get a list of 4 tables on this specific topic
- Click on the **Free** beside the first table, first geography
- This opens a table on a web page. You can change the geography to Manitoba, Winnipeg, etc.
- Within the table, you can change from the 2006 census to the 2001, but you must then click the Refresh button, or else nothing changes.
- Go back to the list of ten tables, and this time click on **B20/20** to open it in this software (notice at the bottom of the page you can download this software).
- Remove the non-lone parent information by marking it, and then Item → Hide
- Move some dimensions around to get a feel for the software
- Change the geography to Manitoba
- Note that you can File → Save as, and take the data home in Excel if you prefer

[We are barely scratching the surface of Census data. It is the best data you can find for smaller areas, such as neighbourhoods. A Census takes place in Canada every five years, and each one has hundreds of files, or dozens of publications for older Censuses. If you need to access Census data, please feel free to make an appointment, and we can go into much more detail on locating and accessing the data.]

3. Labour Force Historical Review:

- Go to Equinox: <http://equinox.uwo.ca.proxy1.lib.umanitoba.ca/ViewEntryScreen.asp>
- Select your preferred language
- In the basic search box type **Labour Force Historical Review** and click **Search**
- Under the title for the 2008 edition, click on **Access Data**
- Note that the same title is repeated, with one being annual data, and the other monthly
- Note also that the files are IVT format, meaning that you need Beyond 20/20 software
- Click on the **annual table** under the **Union** category, and select Open when asked
- Note that this table has six dimensions: geography, age, sex, industry, union coverage, and year
- Switch the year with the union coverage dimension
- Item → Hide the total employees column, to leave only union and non-union coverage
- Nest sex below union and non-union coverage
- Mark both sexes and Item → hide
- Compare how union coverage has changed for women since 1997 (particularly in 2007).
- Look at the relationship between labour and gender in this and other files in this product
- This product contains data files in Beyond 20/20 format. This software is available in many Libraries computer labs, or can be downloaded.

[Access to aggregate data in Equinox has been a bit problematic. If you go to try it, and it is not working, contact me. I will try to get it back up again, or if necessary, I can send you the appropriate files.]

4. Income Trends in Canada:

- This product deals with many aspects of income, including: income distribution, income tax, government transfers, and low income. It covers the years 1976-2006
- Until recently, this also came out on cd-rom,, but it is now available online.
- Start at the Data Library Services <http://www.umanitoba.ca/libraries/units/datalib>
- On the left margin click on the **Income Trends in Canada** link, then **Income Trends in Canada (HTML version)**, and then **View**
- At the Income Trends page, click on **Data Tables**, then on **series 800 Low income**
- Double click on 2020803 just before the title **Families in low income before and after tax, by age and sex of major income earner, Canada, provinces and select CMAs**
- Click on the IVT version on the following page
- Click on open when asked
- Select Head/major income earner, total males and total females and Item → show
- Switch date with age and sex of income earner, so you can compare the two columns
- Look at the relationship between income and gender in this and other files in this product
- This product contains data files in Beyond 20/20 format. This software is available in many Libraries computer labs, or can be downloaded.

Survey data

The data used in publications, databases, etc. are generally generated from surveys

If you are familiar with statistical software, such as SPSS or SAS, you might want to access a survey and perform your own analysis

We get access to Statistics Canada surveys through the Data Liberation Initiative

Start at Data Library Services homepage: <http://www.umanitoba.ca/libraries/units/datalib/>

On the left, near the top, click on Data Liberation Initiative (DLI)

On the DLI web page, click on the DLI collection link

On the DLI Collection page, click on Browse the DLI Survey Collection link

You can use this page to see a list of the surveys that are available through this program

You will be able to access the documentation, but not the data

You can request the survey data from Gary_Strike@umanitoba.ca or go to Equinox on the E-library site http://umanitoba.ca/libraries/elibrary/netdoc/format_3.shtml

Other sources of Data

Human Resources and Skills Development Canada <http://www.hrsdc.gc.ca/eng/home.shtml>

Early childhood education and care in Canada: <http://www.childcarecanada.org/ECEC2008/>
(includes links back to the 1998 edition)

National Council of Welfare (poverty rates): <http://www.ncwcnbes.net/en/home.html>

National Council of Women of Canada (policies): <http://www.ncwc.ca/>

Urban Poverty tables: http://www.ccsd.ca:80/pubs/2007/upp/poverty_data_tables/index.htm

Global Employment trends for women, March 2009 (4th edition)

http://www.ilo.org/empelm/what/pubs/lang--en/docName--WCMS_114109/index.htm

Gender, poverty and environmental indicators on African countries / African Development Bank

<http://www.afdb.org/en/documents/publications/gender-poverty-and-environmental-indicators-on-african-countries/>

International Labour Organization: <http://www.ilo.org/global/lang--en/index.htm>

UNData (United Nations): <http://data.un.org/>

Progress of the world's women / United Nations

<http://www.unifem.org/progress/2008/politics.html>

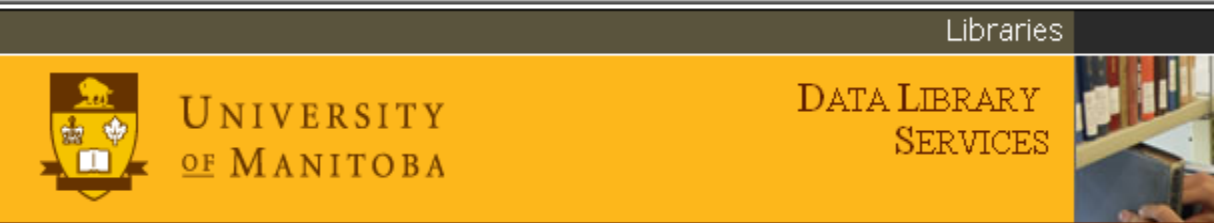
Conclusion:

- There are many sources, types, and access routes for data. Feel free to explore, but if you need help, please do not hesitate to contact me for help.

- Remember that, as with other sources, data and statistics should be referenced in your papers

<http://www.statcan.ca/english/freepub/12-591-XIE/12-591-XIE2006001.htm>

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Go
search this site

DATA LIBRARY SERVICES

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- MY LIBRARY ACCOUNT
- E-LIBRARY
- LIBRARIES/DEPARTMENTS
- SERVICES & POLICIES
- UNIVERSITY ARCHIVES
- INFORMATION LITERACY
- DIRECTOR'S OFFICE
- HELP / CHAT HELP
- DEPARTMENT HOME**
- SURVEY DATA
- GIS DATA
- HELP
- E-STAT
- INCOME TRENDS IN CANADA (IN LIBRARY USE)

Statistics Canada (restricted) Statistics Canda (public)

- Overview / Conditions
- Data Liberation Initiative (DLI)
- IDLS (September 1, 2008)
- Networked data
- Data Library workstation
- Cd-roms : Data on Unix (ftp)
- Older Censuses : 2006 Census

- Overview / Conditions
- Free Publications
- DSP Publications
- 2006 Census (in library use)
- E-STAT (in library use)
- Open Access Databases
- CD-ROMS

ICPSR GIS Resources

- ICPSR Homepage
- ICPSR Direct
- ICPSR (online) Data Analysis
- ICPSR Variables Database
- Data-related literature
- New Data

- Overview
- GIS on the Web
- Census GIS
- DMTI GIS Resources
- Land Information Navigator
- Winnipeg orthos request form

Help Other

- Help
- Survey documentation
- Training and Scholarships
- Citing sources
- DLI Training Repository
- ACCOLEDS Training Sessions
- Data Interest Group (blog)

- Statistics on the internet
- Opinion polls
- Winnipeg neighbourhoods
- Surveys
- SPSS software
- Beyond 20/20 Software
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