Atlantic Research Data Centre

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Atlantic Research Data Centre

- Secure space in the Main Floor Learning Commons, Killam Library
- 300+ StatsCan datasets
- 10 workstations
- Statistical software
  - SAS, SPSS, STATA
  - ARCGIS, LISREL, HLM
  - Matlab, AMOS, MPlus, R
- Hours: M–F, 8:00am-4:00pm, W: 8:00am-7:00pm.

To apply: http://www.statcan.gc.ca/rdc-cdr/process-eng.htm
Outline

Topics covered:

- Demography: Census; APS
- Health: CHMS, various cycles of CCHS
- Mental Health: CCHS, Mental Health (2012); CFMHS (2013)
- Labour/Management: STCL (2012); NSWHN (2005)
- Labour/Education: NGS; PIAAC (2012); LISA
- Economics/ Labour: LFS
- Emerging Social Trends: GSS27 (2013)
Demography/Population Data

- Census of the Population
- Aboriginal Peoples Survey
Census of the Population

- Census of the Population, 2016*
- National Household Survey and Census 2011
- Canadian Century Research Infrastructure
  - Microdata files of the Census, 1911 – 1951
  - Basic demographic information by location


* 20% samples
Aboriginal Peoples Survey (2012)

• TARGET POPULATION: First Nations people living off reserve, including Metis and Inuit; and those living in certain First Nations communities in the North; age: 6+
• RESPONSE RATE: 76% (~28,000)
• TOPICS:
  • Education
  • Employment
  • Health
• CROSS-SECTIONAL; POST-CENSAL
  • Other cycles: 1991; 2001; 2006; 2017
• http://www23.statcan.gc.ca/imdb/p2SV.pl?Function=getSurvey&ld=109115
Health and Mental Health

- Canadian Community Health Survey
- Canadian Health Measures Survey
- Canadian Cancer Registry
- Canadian Community Health Survey – Mental Health Component
- Canadian Forces Mental Health Survey
Canadian Community Health Survey (CCHS)

- **TARGET POPULATION:** Persons aged 12+ living in the 10 provinces & 3 territories, excl. Armed Forces and First Nations communities; over 97% representative

- **REFERENCE YEARS:**
  - Cross-sectional, large enough to produce reliable data at the health region level
  - Cycles 1.1, 2.1, 3.1 (~130,000 resp. each cycle)
  - Combined annual files 2007-08, 2009-10, 2011-12, 2013-14 (~130,000 respondents), compatible w/ 1.1, 2.1, 3.1.
  - New methodology rolled out for 2015; caution should be taken in comparing these cycles to previous cycles.
Canadian Community Health Survey (CCHS)

• **TOPICS:** health status & determinants, health care utilization
  
  • General health; Health Utilities Index; Chronic conditions; Pain and Discomfort; Injuries; Self-reported height and weight; Health service use; Waiting times; Barriers to health care services; Flu shots
  
  • Health behaviours: Alcohol use; Smoking and exposure to second-hand smoke; Physical Activities
  
  • 50+ additional optional components to which provincial health departments can “buy-in”

## Canadian Community Health Survey (CCHS)

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<thead>
<tr>
<th>Examples of Optional content:</th>
<th>NS</th>
<th>NB</th>
<th>PEI</th>
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<tbody>
<tr>
<td>Access to health care services</td>
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<td>Blood pressure check</td>
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<tr>
<td>Colorectal cancer screening</td>
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<td>Depression</td>
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<td>Breastfeeding</td>
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<td>Neighbourhood environment</td>
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<td>Suicidal thoughts and actions</td>
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</tbody>
</table>
Canadian Health Measures Survey (CHMS)

- **TARGET POPULATION:** Persons aged 3-79 living in the 10 provinces, excl. Armed Forces and First Nations communities; 96% representative.

- **TOPICS:** nutrition, smoking habits, alcohol use, medical history, current health status, sexual behaviour, lifestyle and physical activity, exposure to environment and contaminants.
  
  - 2 components: questionnaire; physical health measurements (blood pressure, anthropometric tests, blood, urine samples)
  

- **RESPONSE RATE** for Cycle 4: 91% - questionnaire; 77% physical measurements; 52-53% blood & urine

[Link to survey information](http://www23.statcan.gc.ca/imdb/p2SV.pl?Function=getSurvey&Id=148760)
Canadian Health Measures Survey (CHMS)

Content Information Sheet 2007-2023

Because Your Health Matters

https://www.statcan.gc.ca/eng/survey/household/5071/informationsheet
Canadian Cancer Registry (CCR)

- **TARGET POPULATION:** Persons, alive or dead, whose usual residence is Canada, who have been diagnosed with cancer since 1992

- **TOPICS:** records on the type & number of primary cancers; links to the patient; demographic info; no death data
  - Census of tumours/administrative data

- **REFERENCE YEARS:** (RDC data) 1998-2015

Canadian Community Health Survey Mental Health (CCHS-MH) (2012)

- **TARGET POPULATION:** Persons aged 15+, living in the 10 provinces, excl. Armed Forces and First Nations communities; 97% representative
- **TOPICS:** mental health status, access to and perceived need for formal and informal services and supports, functioning and disability
  - Stress, Depression, Generalized anxiety disorder
- **RESPONSE RATE:** 86%, ~25,000 respondents
- **Compatible:** possible to evaluate changes in patterns of mental health, service use, and functioning from the 2002 CCHS on Mental Health and Well-being.
Canadian Forces Mental Health Survey (CFMHS), 2013

- **TARGET POPULATION**: all full time regular members of the Canadian Forces and reservists who have been deployed in support of the mission in Afghanistan.
- **TOPICS**: mental health status; assessment of need and access to mental health services; barriers to care
- **RESPONSE RATE**: ~6,700 regular members (79%) and 1,500 reservists (78%)
- Comparable to the CCHS on Mental Health and Well-being Canadian Forces Supplement (2002) for evaluating changes in patterns of mental health, service use, and functioning

Education and Labour

- Programme for International Assessment of Adult Competencies
- Labour Force Survey
Programme for International Assessment of Adult Competencies (PIAAC), 2012

- **TARGET POPULATION:** Persons aged 16-65 not residing in institutions or on First Nation communities
- **TOPICS:** assessment of adult skills and competencies; match of labour market skills and literacy
  - Assesses three skill domains: literacy, numeracy and problem solving in rich technology environment.

Labour Force Survey (LFS) 1976 – 2017+

- **TARGET POPULATION:** Persons aged 15+, 98% representation
- **TOPICS:** Employment/unemployment; hours of work; occupation; industry; unionization; wages
- **RESPONSE:** ~56,000 households per month, 100,000 + respondents
- **METHODOLOGY:** 6 month rotational cycles; Produces robust estimates at the national-, provincial-, cma-, economic region- and employment insurance region-levels.

Emerging Social Trends

- National Graduates Survey
- General Social Survey - Social Identity (SI), Cycle 27
- Canadian Armed Forces Transition and Well-being Survey
National Graduates Survey (NGS)

- **TARGET POPULATION:** 2-year and 5-year follow-ups for the following graduating classes of post-secondary institutions:

- **TOPICS:** school-to-work transitions; the relationships between programs of study and employment; graduates' job and career satisfaction; graduates’ under-employment and unemployment; the match of career expectations and qualification requirements and occupational achievement.

http://www23.statcan.gc.ca/imdb/p2SV.pl?Function=getSurvey&SDDS=5012
General Social Survey - Social Identity (SI), Cycle 27 (2013)

- **TARGET POPULATION:** Persons aged 15+ residing in the 10 provs; ~27,000 respondents
- **TOPICS:** Social networks, civic participation and engagement, knowledge of Canadian history, appreciation of national symbols, shared values, confidence in institutions and trust in people.
  - Internet use by respondent in past year; social contacts with family and friends; experienced discrimination; quality of neighbours and neighbourhood; religion; education; voting and volunteering.

Canadian Armed Forces Transition and Well-being Survey (CAFTWS)

- **TARGET POPULATION:** Regular Force members with at least 2 years of service who were released in 2016, & their spouses

- **TOPICS:** determinants of health, social support, education, employment and income.

- **RESPONSE RATE:** ~2,000 respondents; 70%

For a Full list of available data sets:

How to find our Killam Library location

STATISTICS CANADA
ONE HUNDRED YEARS AND COUNTING
Contact Information

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