Aboriginal Data at Statistics Canada

Canadian Research Data Centre Network
Post-conference Workshop
November 2, 2016

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Outline

• About Statistics Canada
• Aboriginal data sources at Statistics Canada
  • Census/National Household Survey
  • Aboriginal Peoples Survey
  • Aboriginal Children’s Survey
• Upcoming surveys
• How to access Statistics Canada data
Statistics Canada

• Mandated to provide statistical information and analysis about Canada’s economic and social structure and to promote sound statistical standards and practices

• Aboriginal Statistics Program is the Agency’s lead for social statistics on the Aboriginal population (First Nations, Métis and Inuit)
Aboriginal data sources at Statistics Canada

- Census/National Household Survey (NHS)
- Aboriginal Peoples Survey (APS)
- Aboriginal Children’s Survey (ACS)
- Other Survey Data
  - Canadian Community Health Survey (CCHS)
  - Labour Force Survey (LFS)
  - General Social Survey (GSS)
- Administrative data sources
Census/National Household Survey

• Provides a statistical portrait of the country every five years.
• Quality estimates for small geographic areas, small population groups, units of analysis (individuals, households, families)
• Data include:
  • Basic demographics
  • Families and households
  • Language
  • Education
  • Mobility/migration
  • Labour force status
  • Industry/Occupation
  • Place of work
  • Housing and shelter costs
Living Arrangements of Aboriginal children aged 14 and under, 2016

“Less than one-half of Aboriginal children in foster care live with at least one adult with an Aboriginal identity.”

Aboriginal Peoples Survey

• Survey of social and economic conditions of First Nations people living off-reserve, Métis, and Inuit

• Four cycles currently available in RDCs
  • 1991, 2001 and 2006 cycles of APS
    – Omnibus approach
    – Data on education, employment, health, housing, language, mobility
  • 2012 cycle of the APS
    – Thematic approach with specific focus on education and employment, with health supplement
Aboriginal Peoples Survey 2012

• First Nations people living off reserve, Métis and Inuit, aged 6 years and over

• Sample of more than 50,000 allows estimates to be produced by region, Aboriginal group, education group
  • Regions: Provinces (Atlantic provinces grouped), Territories, 4 Inuit regions
  • Aboriginal groups: First Nations (with or without registered Indian status), Métis, Inuit
  • Education group: Currently attending grades 1 to 6, grades 7 to 12, Those with high school completion, Those without high school completion (not currently attending school)

• Excludes reserves and selected First Nations communities in Yukon and NWT
Aboriginal Peoples Survey 2012

Questionnaire content for children (6-14 years old):

- **Education**: early childhood development, number of schools attended, school climate, Aboriginal language instruction, extra-curricular activities, peer influences, grades, additional help and tutoring, parental involvement, school absences

- **Health**: parent-rated health, height & weight, chronic conditions, injuries, health care, dental care, food security

- **Aboriginal languages**

- **Mobility**

- **Housing**
School mobility and educational outcomes of off-reserve First Nations students, 2015

“Based on four measures of school success, off-reserve First Nations students who were movers had less favourable outcomes than those who were non-movers.”
Aboriginal Peoples Survey 2012

Focus on factors associated with high school completion:

- Number of schools attended, attendance in a FN community, Aboriginal language instruction, repeating a grade, grade average, additional help and tutoring, school climate, support of First Nations/Métis/Inuit culture, personal support, family involvement, frequency of reading, extra-curricular activities, peer influences, “dropping out”
“Métis completers were more likely than leavers to have participated in a sport or physical activity, in an art, drama or music group, and in a school group or club at least once a week during their last year of school. In addition, completers were more likely than leavers to have volunteered at least once a week.”
Aboriginal Peoples Survey 2012

Health supplement:
- Self-rated health status
- Pregnancy and childbirth
- Height and weight
- Access to health professionals (family doctor, nurse, dental)
- Unmet health needs
- Mental health, Distress scale, Suicide
- Health behaviours (smoking, alcohol use)
- Injuries
- Chronic conditions
- Community support
To explore the social determinants of higher mental distress, associations were examined between higher mental distress and social determinants of Inuit health, which were adapted from Inuit Tapiriit Kanatami’s conceptual model on the Social Determinants of Inuit Health. This conceptual model was used as the theoretical framework for the logistic regression analysis.

Key findings:
• Chronic conditions and food insecurity were key predictors of mental distress for Inuit men
• Health care access and chronic conditions were strongly associated with mental distress among Inuit women

APS Data Analysis: Research Potential

**Education**
- Highest level of completion
- School experiences
- Plans for future
- Post-secondary funding

**Labour**
- Labour force status
- How looking for work
- Duration of unemployment
- Working full-time/part-time
- Industry and occupation
- Job tenure
- Labour mobility

**Health**
- General health
- Pregnancy and child birth
- Height and weight
- Chronic conditions
- Injuries
- Mental health, distress scale, suicide
- Smoking, alcohol consumption, drug use
- Food security
- Community support
- Residential school attendance
APS Data Analysis: Research Potential

Demographics
- Aboriginal identity
- Bill C-31, Bill C-3
- Household composition

Income
- Sources
- Personal income, employment income

Mobility
- How long lived in currently city/town/community
- Living in First Nations and Inuit communities
- Reasons for moving

Aboriginal languages
- Frequency of moving
- Rating of ability
- Importance of Aboriginal language

Housing
- Owned/rented
- Crowding
- Subsidized housing
- In need of major repairs

Traditional Activities
- Hunting, fishing, trapping, gathering wild plants, making clothing or footwear, making arts or crafts
Aboriginal Children’s Survey 2006

- First Nations people living off reserve, Métis and Inuit, under 6 years of age

Data includes:
- Child behavior (Goodman Strengths and Difficulties Questionnaire (SDQ))
- Sleep
- Nutrition
- Development
- Nurturing
- Child care
- Language
- Activities
- Parent/guardian and neighbourhood or community information
Aboriginal Children’s Survey 2006

- Child care for First Nations children living off reserve, Métis children, and Inuit children
- Dietary habits of Aboriginal children
- Health of First Nations children living off reserve and Métis children younger than age 6
- Measures of language outcomes using the Aboriginal Children's Survey
- Selected findings of Aboriginal Children's Survey 2006: Family and Community
- The physical and mental health of Inuit children of teenage mothers
Additional Aboriginal data sources at Statistics Canada

- Canadian Community Health Survey (CCHS)
- Labour Force Survey (LFS)
- General Social Survey (GSS)
- Administrative data sources, such as the Uniform Crime Reporting and Homicide Survey
- Projections of the Aboriginal Populations and Households
Upcoming

- Census 2016
- Aboriginal Peoples Survey 2017
- Nunavut Inuit Labour Force Analysis
### 2016 Census Program release schedule

<table>
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<tr>
<th>Release date</th>
<th>Release topic</th>
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<tr>
<td>February 8, 2017</td>
<td>Population and dwelling counts</td>
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<tr>
<td>May 3, 2017</td>
<td>Age and sex</td>
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<td>May 10, 2017</td>
<td>Census of Agriculture</td>
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<td>August 2, 2017</td>
<td>Families, households and marital status</td>
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<td>September 13, 2017</td>
<td>Income</td>
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<td>October 25, 2017</td>
<td>Immigration and ethnocultural diversity</td>
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<td>Housing</td>
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<td>November 29, 2017</td>
<td>Education</td>
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<td>Journey to work</td>
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<td>Language of work</td>
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<td>Mobility and migration</td>
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2017 Aboriginal Peoples Survey

• Sample of about 48,000 allowing estimates to be produced by region and Aboriginal group
• Excludes reserves and selected First Nations communities in Yukon & NWT
• Theme: Economic Participation
  – Focus on employment, skills and training (with health supplement)
• Collection January 2017
• Data release Fall 2018
Content of 2017 APS

• Barriers and Levers to Economic Participation
• Labour Mobility
• Entrepreneurship
• Post Secondary education
• Targeted Skills Training
• Economic well-being
+ Core Content
+ Health supplement
Nunavut Inuit Labour Force Analysis

• Nunavut Land Claims Agreement (NLCA): increase Inuit participation in government employment in Nunavut to a representative level.

• Two survey projects to determine availability, interest and level of preparedness of Inuit for government employment:
  – additional questions to the 2017 APS for Nunavut
  – an electronic Nunavut Government Employee Survey

• Data will assist ESDC and the Government of Nunavut (GN) to develop Inuit employment plans and pre-employment training.
How to access Statistics Canada data

- Statistics Canada website [www.statcan.gc.ca](http://www.statcan.gc.ca)
- Custom tabulations
- Microdata files
  - Public Use Microdata files (PUMFs)
  - Real time remote access (RTRA)
  - Research Data Centres
How to access Statistics Canada data

• APS Public Use Microdata Files
  • 2012, 2006 (Children and Youth), 2006 (Adults)
• APS RDC files
• ACS RDC file
  • 2006
Questions / Comments?

• For access to articles and data on Aboriginal peoples, visit www.statcan.gc.ca/aboriginalpeoples

• Visit our website www.statcan.gc.ca/aps to access information on the APS

• Client Services at Social and Aboriginal Statistics Division
  Email: sasd-dssea@statcan.gc.ca