Longitudinal and International Study of Adults

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Longitudinal and International Study of Adults (LISA)

• A Canadian longitudinal follow-up to PIAAC;

• Developed to provide longitudinal information on labour market, education, training/skills, health, and family experiences.
Sample design

- About 9,000 respondents to PIAAC 2011/12
- With their cohabitants (age 15+)
- An additional 1,200 responding households sampled from households out of scope for PIAAC (age 66+)
- All enumerated residents of wave-1 responding households are included in LISA as “longitudinal persons”
- Total 32,000 longitudinal persons, representative of the Canadian population in provinces
- In each cycle, longitudinal persons are traced, and we attempt to interview them, as well as their new cohabitants (if it applies)
Data Availability

• **LISA 2012 (PIAAC)**
  - Interviewed in late 2011 and early 2012
  - 23,926 respondents
  - About 5,000 children not eligible for interview

• **LISA 2014**
  - Interviewed in 2014
    - Response rates:
      - PIAAC: 71.7%
      - LISA: 70.0%
  - 19,178 respondents
Upcoming

• **LISA 2016**
  - Interviewed in 2016
    - Preliminary response rates (based upon universe of potential respondents):
      - PIAAC: 63.3%
      - LISA: 61.2%
  - To be released in 2018

• **LISA 2018**
  - Interviews will take place in 2018
  - To be released in 2020
Survey Content

LISA 2012
- PIAAC
- (cohabitants received a “cut down” BQ

LISA 2014
- Geography
- Education
- Labour Market
- Income
- Skills & Training
- Health
- Mental Health (K10)
- Child Health
- Disability
- Retirement
- Personality (Big Five Index)
- Marital History

LISA 2016
- Geography
- Education
- Labour Market
- Income
- Skills & Training
- Health
- Mental Health (K10)
- Child Health
- Disability
- Retirement
- Assets and Debt
- Postsecondary Education History
Administrative Data Linkages

• Annual income tax data (T1FF)
• Annual employee slips (T4)
• Information on employer from the Business Register (BR)
• Information on employee pension plans (PPIC)
• Administrative immigration from application for permanent residency (IMDB)
# Administrative Data Linkages

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**Legend:**
- **LISA**: Linking Information System for Administrative Data
- **T1FF**: Temporal Information Framework for Forecasting
- **T4**: Temporal Analysis for Policy
- **BR**: Baseline Research
- **PPIC**: Provincial Policy Information Centre
- **IMDB**: Integrated Metadata Database

*Note: The diagram illustrates the temporal alignment and linkage between administrative data sources from different years.*
Documentation

• Quick Start Guide
• User Guide
• Merge Guide
• Questionnaire
• Data Dictionaries
• Research paper series
  • Using the Program for International Assessment of Adult Competencies: direct measures of skills in the Longitudinal and International Study of Adults (Situ, 2015)
  • Historical Data Linkage Quality: The Longitudinal and International Study of Adults, and Tax Records on Labour and Income (Hemeon, 2016)
Research using LISA

- 33 approved RDC proposals using LISA data
- Examples of proposals include:
  - An Assessment of Essential Skills Requirements in the Workplace
  - Post-secondary education participation, labour market participation and income profiles of people with disabilities in Canada (1999-2012)
  - Lifetime earnings by field of study and education level
Questions or comments

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