

Data Access at Statistics Canada

Data Access Division
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Delivering insight through data for a better Canada



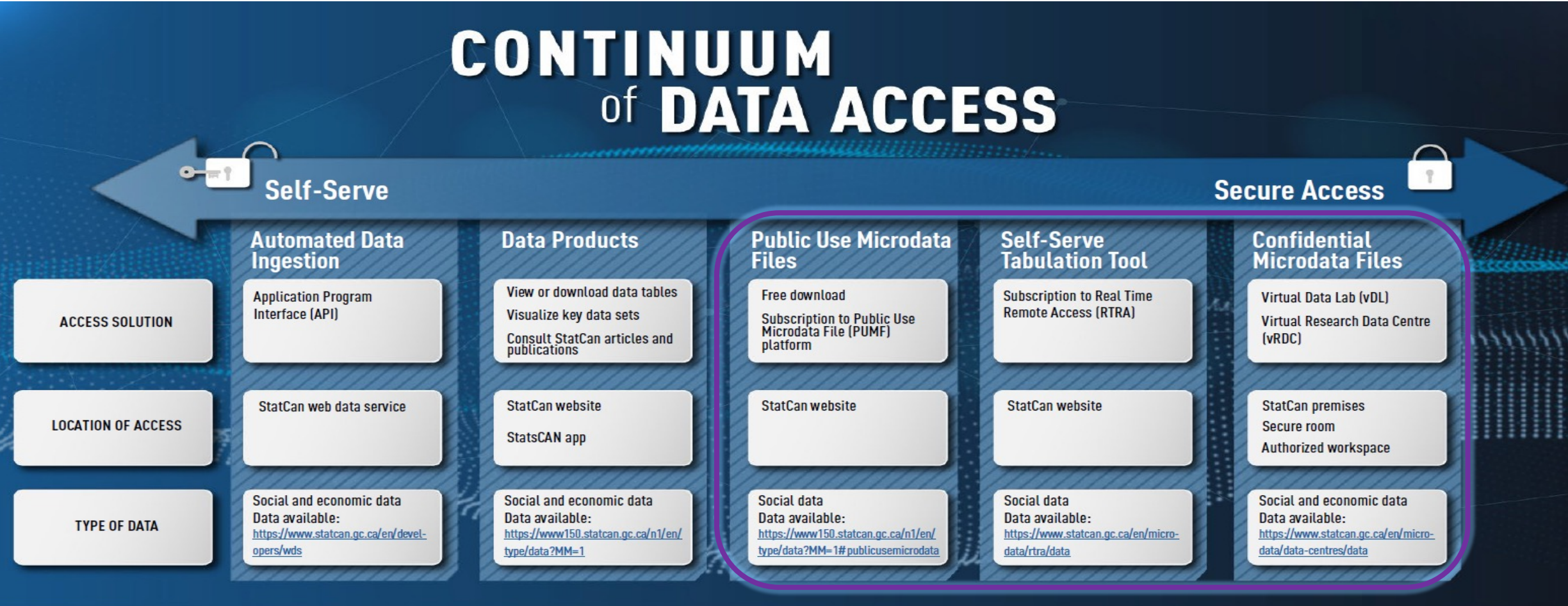
Statistics Canada
Statistique Canada

Canada

Statistics Canada Data Access Services

What we offer: Accessible representational meaningful data about Canadians for Canadians

CONTINUUM of DATA ACCESS



Public Use Microdata Files

Access



- Subscribers of the **Public Use Microdata Files (PUMFs) Collection** are granted access to all anonymized and non-aggregated data in the PUMF collection

Ideal for



- Data Exploration, Extractions and as an Analytical tool for Academic and Policy Research:
 - Calculating frequencies, cross tabulations, means, percentiles, percent distribution, proportions, ratios, and shares
- Use as an analytical training tool

Benefits



- In-depth searches with selected and rounded outputs in file format
- Operates on an open license
- Principal product used for teaching data literacy
- Data are all cautiously modified and reviewed for research purposes

Fees: PUMF Collection



- Yearly institutional access fee (access allowed through IP range recognition)
- **\$10,000 per year**



Health Related PUMFs

- Canada's Alcohol and Other Drugs Survey
- Canadian Alcohol and Drugs Survey
- Canadian Health and Disability Survey
- Canada Health Survey
- Canadian Alcohol and Drug Use Monitoring Survey
- Canadian Community Health Survey
- Canadian Health Survey on Seniors
- Canadian Survey of Experiences with Primary Health Care
- Canadian Student Tobacco, Alcohol and Drugs Survey
- Canadian Tobacco, Alcohol and Drugs Survey
- Canadian Tobacco and Nicotine Survey
- General Social Survey - Health
- Health and Activity Limitation Survey
- Participation and Activity Limitation Survey
- Health Promotion Survey
- Impacts of COVID-19 on Canadians Crowdsourcing Files
- National Alcohol and Drug Survey
- National Population Health Survey
- Mental Health and Access to Care Survey
- Survey of Smoking Habits Survey on Smoking in Canada
- Youth Smoking Survey
- Discharge Abstract Database (from CIHI)



Real Time Remote Access

Access

- The **Real Time Remote Access (RTRA)** tool is an online tabulation tool enabling quick access to microdata through SAS programs.
- It is a subscription-based service.



Ideal for

- Generating a full range of descriptive statistics that can be used for research, training and policy briefings
- Calculating frequencies, means, percentiles, proportions, ratios and share



Benefits

- Conduct analysis on descriptive statistics
- Quick access to releasable tabulations
- RTRA **does not** gain users direct access to the microdata, nor does it allow users view microdata file content.



Fees

- **\$10,000/year (up to 10 user accounts)**
- **Additional user accounts \$2,000/account**



Health Related RTRA Files

- Canadian Cancer Registry
- Canadian Armed Forces Health survey
- Canadian Community Health Measures
- Canadian Community Health Survey
- Canadian Community Health Survey on Children and Youth
- Canadian Community Health Survey on Seniors
- Canadian Forces Mental Health Survey
- Canadian Health Survey
- Canadian Survey on Disability
- Canadian Tobacco and Nicotine Survey
- Canadian Tobacco Alcohol and Drugs Survey
- Canadian Vital Statistics (Births, Death) Childhood National Immunization Coverage Survey
- Health Promotion Survey
- Health Services Access Survey
- Impacts of Covid on Canadians
- Maternity Experiences Survey
- Medical Assistance in Dying (MAiD)
- Mental Health and Access to Care Survey
- National Ambulatory Care Reporting System (NACRS), Ontario Mental Health Reporting System (OMHRS) = CIHI data linkages
- National Cannabis Survey
- National Population Health Survey
- Nursing and Residential Care Facility Survey
- Ontario Child Health Study
- Participation and Activity Limitation Survey
- Survey on Access to Health Care and Pharmaceuticals during the Pandemic
- Survey on Health Care Workers' Experiences During the Pandemic
- Survey on Living with Chronic Diseases
- Survey on Maternal Health

Confidential Microdata Files

Access

- Access through Authorized Workspaces using Cloud technology via office or personal residence
 - Virtual Research Data Centre (vRDC) for academics
 - Virtual Data Lab (vDL) for government and other organizations
- Includes Research Data Centre and Federal Research Data Centre, and Secure Rooms



Benefits

- Expert support and direct access to detailed confidential microdata files
- Secure 24/7 remote access to anonymized data under certain criteria available to researchers through secure virtual IT infrastructure
- Greater opportunities for collaboration



Ideal for

- Answering research questions that require the use of advanced analytical methods such as complex multivariate analysis; modelling



Fees

- Fees for access vary depending on project parameters



Health Related Confidential Microdata Files

- Canadian Cancer Registry
- Canadian Armed Forces Health survey
- Canadian Community Health Measures (with Biobank data)
- Canadian Community Health Survey
- Canadian Community Health Survey on Children and Youth
- Canadian Community Health Survey on Seniors
- Canadian Forces Mental Health Survey
- Canadian Tobacco and Nicotine Survey
- Canadian Tobacco Alcohol and Drugs Survey
- Canadian Vital Statistics (Stillbirth, Births, Death)
- Canadian COVID 19 antibody and health survey
- Canadian Health and Disability survey
- Health Services Access Survey
- Impacts of Covid on Canadians
- Maternity Experiences Survey
- National Cannabis Survey
- Participation and Activity Limitation Survey
- Survey on Access to Health Care and Pharmaceuticals during the Pandemic
- Survey on Health Care Workers' Experiences During the Pandemic
- Survey on Living with Chronic Diseases
- Survey on Maternal Health
- Childhood National Immunization Coverage Survey
- Discharge Abstract Database (as CIHI linkages)

Contact Information

Public Use Microdata Files

PUMF collection: <https://www150.statcan.gc.ca/n1/en/type/data?MM=1#publicusemicrodata>

Inquiries or assistance: statcan.fmgd-pumf.statcan@canada.ca

Real Time Remote Access

List of available data: <https://www.statcan.gc.ca/en/microdata/rtra/data>

Inquiries or assistance: statcan.dad-rtra-dad-adtr.statcan@statcan.gc.ca

Research Data Centres

List of available data: <https://www.statcan.gc.ca/en/microdata/data-centres/data>

Inquiries or assistance: statcan.dad-apu-dad-uta.statcan@statcan.gc.ca

Thank You

Shelley Jeglic

Assistant Director

Data Access Division

shelley.jeglic@statcan.gc.ca

Geneviève Jourdain

Director

Data Access Division

genevieve.jourdain@statcan.gc.ca

