

# Introduction to the Regina Research Data Centre

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Delivering insight through data for a better Canada

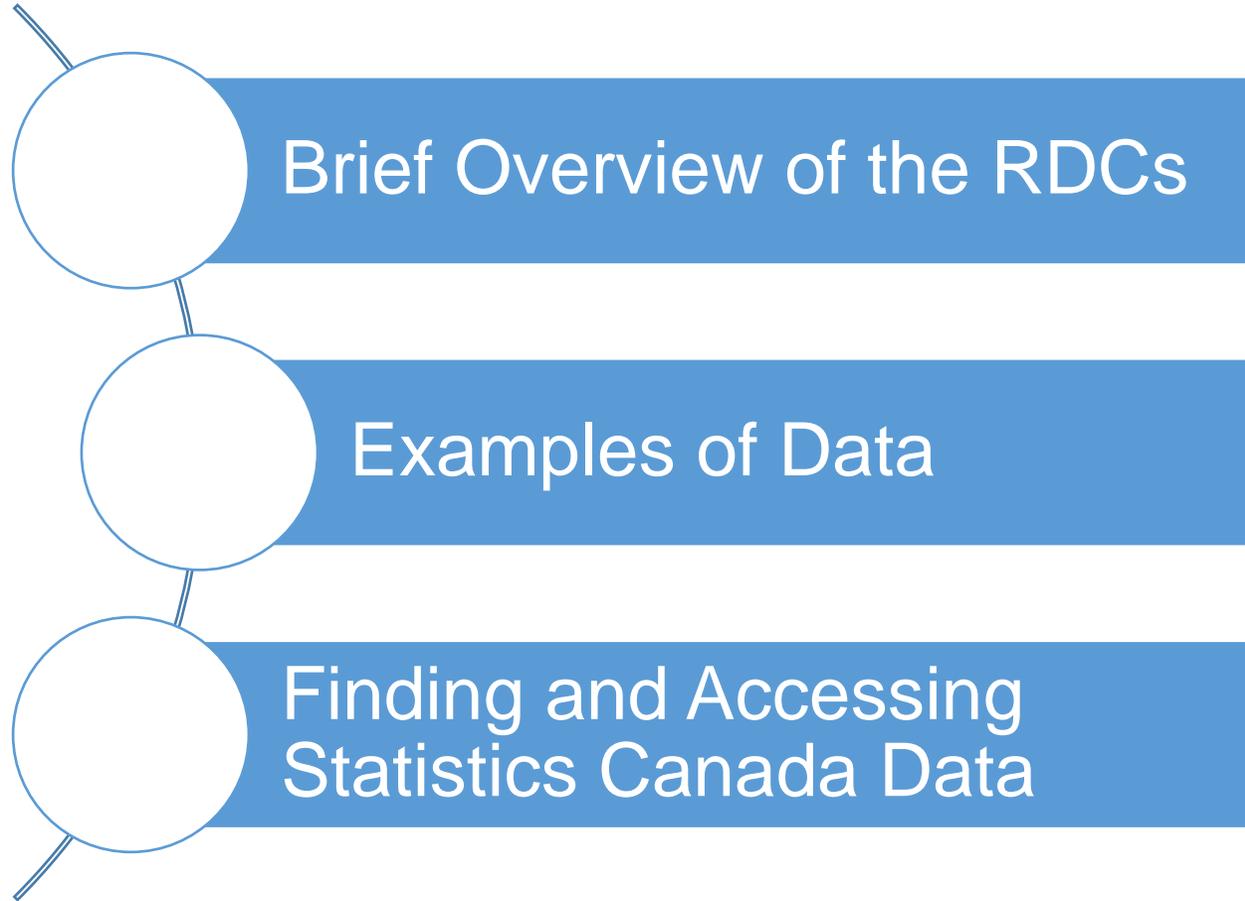


Statistics  
Canada

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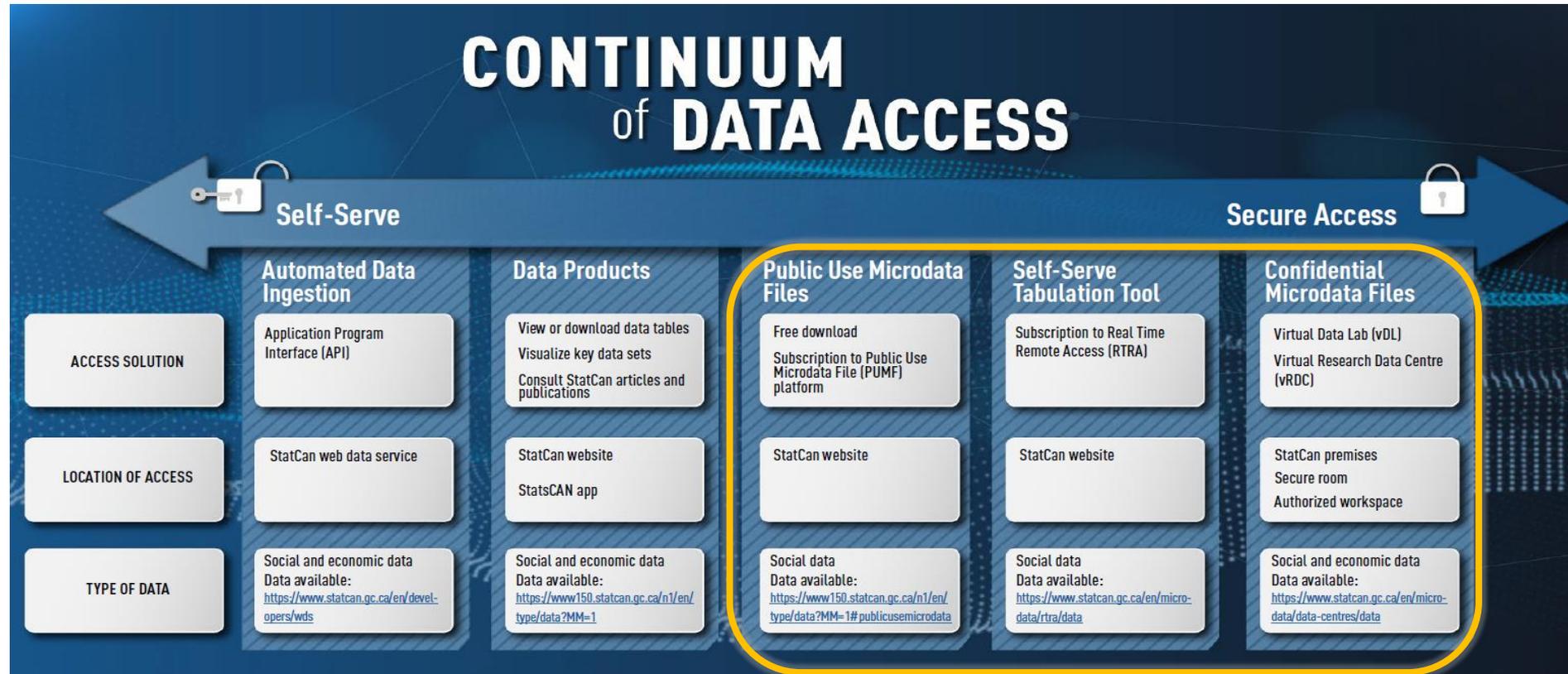
Canada

# Presentation Overview



# StatCan Data Access Services

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





## What is an RDC?

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A secure facility on campus through which researchers can access confidential Statistics Canada microdata

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The CRDCN is a CFI Major Science Initiative; supported by CFI, Statistics Canada, SSHRC, CIHR, the FRQ, some provinces, and partner universities to promote research to inform public policy

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Staffed by Statistics Canada employees and located conveniently throughout the country so that academic researchers do not have to travel to access data



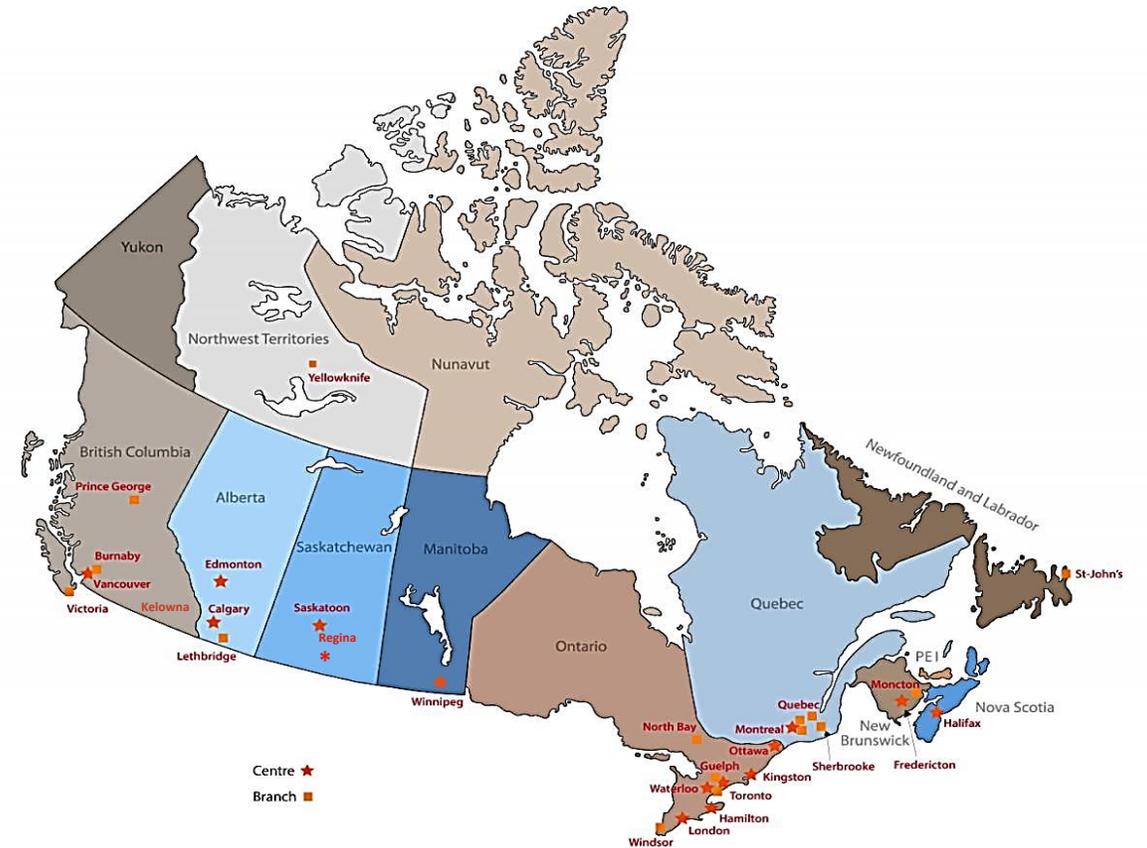
# The Data

- RDCs provide access to a growing collection of:
  - health, immigration, economic, social, crime, education, and business data
  - administrative data (e.g. hospital records) linked to surveys, tax files, and other administrative data
- Individual data are protected:
  - ✓ names and ID numbers are removed
  - ✓ access to data only permitted on secure systems that have no internet access
  - ✓ researchers take training on confidentiality and privacy and Statistics Canada
  - ✓ personnel use “disclosure analysis” to ensure that no individual, household or business can be identified



# The CRDCN

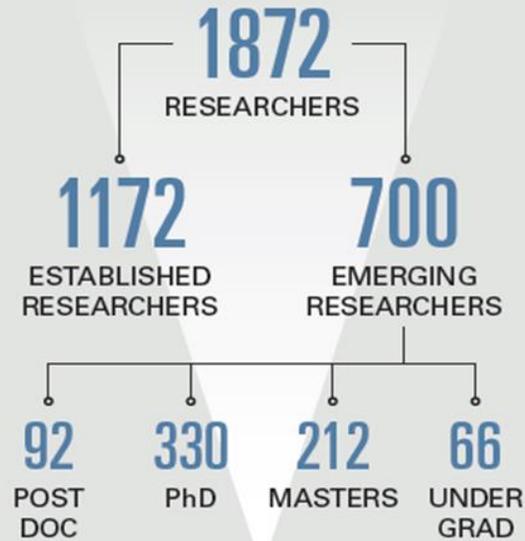
- The [Canadian Research Data Centre Network \(CRDCN\)](#) supports access to Statistics Canada microdata at Research Data Centres (RDCs) on [33 campuses across the country](#).



# CRDCN: A Snapshot



## RESEARCH COMMUNITY



## RESEARCH DISCIPLINES



## CONTRIBUTIONS

Over the lifetime of the Network

- 944** Graduates
- 4876** Publications
- 2392** Peer-reviewed articles
- 302** Books and book chapters
- 541** Reports to policy groups



## DATA

**575**  
DATA SETS

# Why work in the RDC?

Growing collection of linked health, immigration, economic, social, crime, education, and recently business data to address research questions

Access to high-quality national data including linked administrative data that permits longitudinal analyses

Researchers on a short timeline can use data that is high quality, has already been collected, is ready for analysis, and allows for publication in high impact journals.



# Public Use Microdata Files (PUMFs)

- PUMFs are a great resource that can meet the requirements of certain projects
- Reach out to the UofR [Data librarians](#) to inquire about PUMF downloads
- Where a PUMF may not exist or does not contain the level of detail needed, RDC microdata files are available

Census 2006 PUMF	Census 2006 Microdata File available in RDCs
850,000 observations; ~3 % Canadian population	6.5 million observations
123 variables	279 variables
Geography at CMA	Geography at census tract
Categorical variables: age, income, etc.	Full variable details



# Finding Statistics Canada Data

- For a list of all Statistics Canada data, you can look here:
  - <https://www23.statcan.gc.ca/imdb-bmdi/pub/indexth-eng.htm>
  - [Portals](#) can be used to explore existing Statistics Canada data products
- You can browse the data available for research at the RDC at either of the following websites:
  - [Statistics Canada RDC website](#)
    - There is a contact email on this page if you cannot find a type of dataset that you are looking for
    - You can always contact the Research Data Centre Analyst if you are looking for data on a particular topic
  - [Publications on CRDCN website](#)



# Searching for Data on the [Statistics Canada RDC Website](#)

## Data available at the Research Data Centres

The following datasets are available at the Research Data Centres (RDCs).

If data you are seeking for your RDC project is not listed, please contact [statcan.mad-rdc-data-dam-cdr-donnees.statcan@canada.ca](mailto:statcan.mad-rdc-data-dam-cdr-donnees.statcan@canada.ca) to enquire about its availability.

Filter items  Showing 1 to 6 of 6 entries (filtered from 223 total entries) | Show  entries

Record number	Survey name	Acronym
3226 5015	<a href="#">Canadian Community Health Survey - Cycles 2000-2014 linked to the Longitudinal Immigration Database (IMDB)</a>  CCHS - Annual cycles (2.1, 3.1, 4.1, 2008-2014) linked to IMDB CCHS - Focus content cycles (1.2, 5.2) linked to IMDB	CCHS_IMDB
5017 3154 8006 3901 3207	<a href="#">Education and Labour Market Longitudinal Platform (ELMLP)</a>  <a href="#">Postsecondary Student Information System (PSIS) - All Years</a> <a href="#">Registered Apprenticeship Information System (RAIS) - All Years</a> Registered Apprenticeship Information System (RAIS) and Postsecondary Student Information System (PSIS) linked to T1FF - All Years Apprenticeship Grants (AG) - All Years Canada Student Loans Program (CSLP) - All Years Canada Apprentice Loan Program (CAL) - All Years British Columbia Kindergarten to Grade 12 (BCK-12) - All Years British Columbia Kindergarten to Grade 12 (BCK-12) linked to T1FF - All Years	ELMLP PSIS RAIS RAIS-PSIS-T1FF AG CSLP CAL BCK-12 BCK-12-T1FF BCK-12-CEN LSTD



# Searching for Publications on the CRDCN website

The screenshot shows the CRDCN website interface. At the top, the logo for CRDCN (Canadian Research Data Centre Network) is displayed. Below the logo is a navigation menu with options: HOME, ABOUT, PROGRAMS, INITIATIVES, NEWS, DATA, PUBLICATIONS (highlighted), and FRANÇAIS. The breadcrumb trail indicates the user is on the Publications page.

## Publications

Our bibliography is regularly updated to offer quick and easy access to all of the CRDCN-enabled publications by researchers from across the Network. If you would like to have access to the data in the Network's Research Data Centres (RDC), please visit the [Accessing RDC Data](#) page.

Sort By: [Dropdown]

Search Listing: [Search Icon]

**FILTER**

- Subject
- Subject-
- + Year
- + Type
- + Language
- + Data Centre

Michael Baker, Derek Messacar, Mark Stabile

**The effects of child tax benefits on poverty and labor supply: Evidence from the Canada child benefit and universal child care benefit**

2021

Brendan T. Smith, Salma Hack, Mahsa Jessri, JoAnne Arcand, Lindsay McLaren, Mary R. L'Abbé, Laura N. Anderson, Erin Hobin, David Hammond, Heather Manson, Laura C. Rosella, Douglas G. Manuel

**The equity and effectiveness of achieving Canada's voluntary sodium reduction guidance targets: A modelling study using the 2015 Canadian Community Health Survey-Nutrition**

2021

Fei-Ju Yang

**The "How" question of the healthy immigrant paradox: Understanding psychosocial resources and demand as pathways linking migration to mental health risks**

2021



# Searching for Publications on the CRDCN website

Home » Publications » The "How" question of the healthy immigrant paradox: Understanding psychosocial resources and demand as pathways linking migration to mental health risks

## The "How" question of the healthy immigrant paradox: Understanding psychosocial resources and demand as pathways linking migration to mental health risks

Authors: Fei-Ju Yang

**OVERVIEW** RELATED PUBLICATIONS DATA USED RESEARCH DATA CENTRE(S)

### OVERVIEW

Abstract (English)

The current migrant health literature tends to focus on what determines immigrants' mental health rather than how pathways such as psychosocial resources mediate the relationship between years since migration and mental health. Based on 4,282 foreign-born Canadian immigrant samples, this study includes both psychological distress and positive mental health as mental health measures because immigrants do not necessarily respond to stress by exhibiting distress. The correlation between psychological distress and positive mental health shows that these two measures are interrelated but distinctive concepts. Using piecewise regression models, this study finds that midterm immigrants have the highest levels of psychological distress and interpersonal strain. Guided by the stress process model, this study indicates that interpersonal strain acts as a major pathway to immigrants' psychological distress but not positive mental health.

Abstract (French)

Please note that abstracts only appear in the language of the publication and might not have a translation.

### Details

Type	Journal Article
Author	Fei-Ju Yang
Publication Year	2021
Title	The "How" Question Of The Healthy Immigrant Paradox: Understanding Psychosocial Resources And Demand As Pathways Linking Migration To Mental Health Risks
Volume	11
Journal Name	Society And Mental Health
Number	1
Pages	89-99
Publication Language	English

### SUBJECTS

HEALTH

### QUICK LINKS

Google Scholar

Online Publication



# Searching for Publications on the CRDCN website

Home · Publications · The "How" question of the healthy immigrant paradox: Understanding psychosocial resources and demand as pathways linking migration to mental health risks

## The "How" question of the healthy immigrant paradox: Understanding psychosocial resources and demand as pathways linking migration to mental health risks

Authors: Fei-Ju Yang

OVERVIEW

RELATED PUBLICATIONS

DATA USED

RESEARCH DATA CENTRE(S)

### DATA USED

Canadian Community Health Survey - Nutrition  
CROSS-SECTIONAL, REPEATED (2004 TO 2015)

CCHS



# Snapshot of selected survey, administrative, and linked data



# General Social Survey

The General Social Survey (GSS) gathers data on social trends in order to monitor changes in the living conditions and well being of Canadians over time; and provides information on specific social policy issues of current or emerging interest.

## **Current themes:**

Caregiving and care receiving  
Families  
Time use  
Social Identity  
Giving, volunteering, and participating  
Safety

## **Discontinued themes:**

Access to and use of information communication technology  
Education, work and retirement  
Health  
Canadians at Work and Home (GSS)



# Canadian Community Health Survey (CCHS)

- The [CCHS](#) is a cross-sectional survey that collects information related to health status, health care utilization and health determinants for the Canadian population. The survey is designed to provide reliable estimates at the health region level every 2 years.
- The CCHS has the following objectives:
  - Support health surveillance programs by providing health data at the national, provincial and intra-provincial levels;
  - Provide a single data source for health research on small populations and rare characteristics;
  - Timely release of information easily accessible to a diverse community of users;
  - Create a flexible survey instrument that includes a rapid response option to address emerging issues related to the health of the population.



# Uniform Crime Reporting Survey: 1999-2020

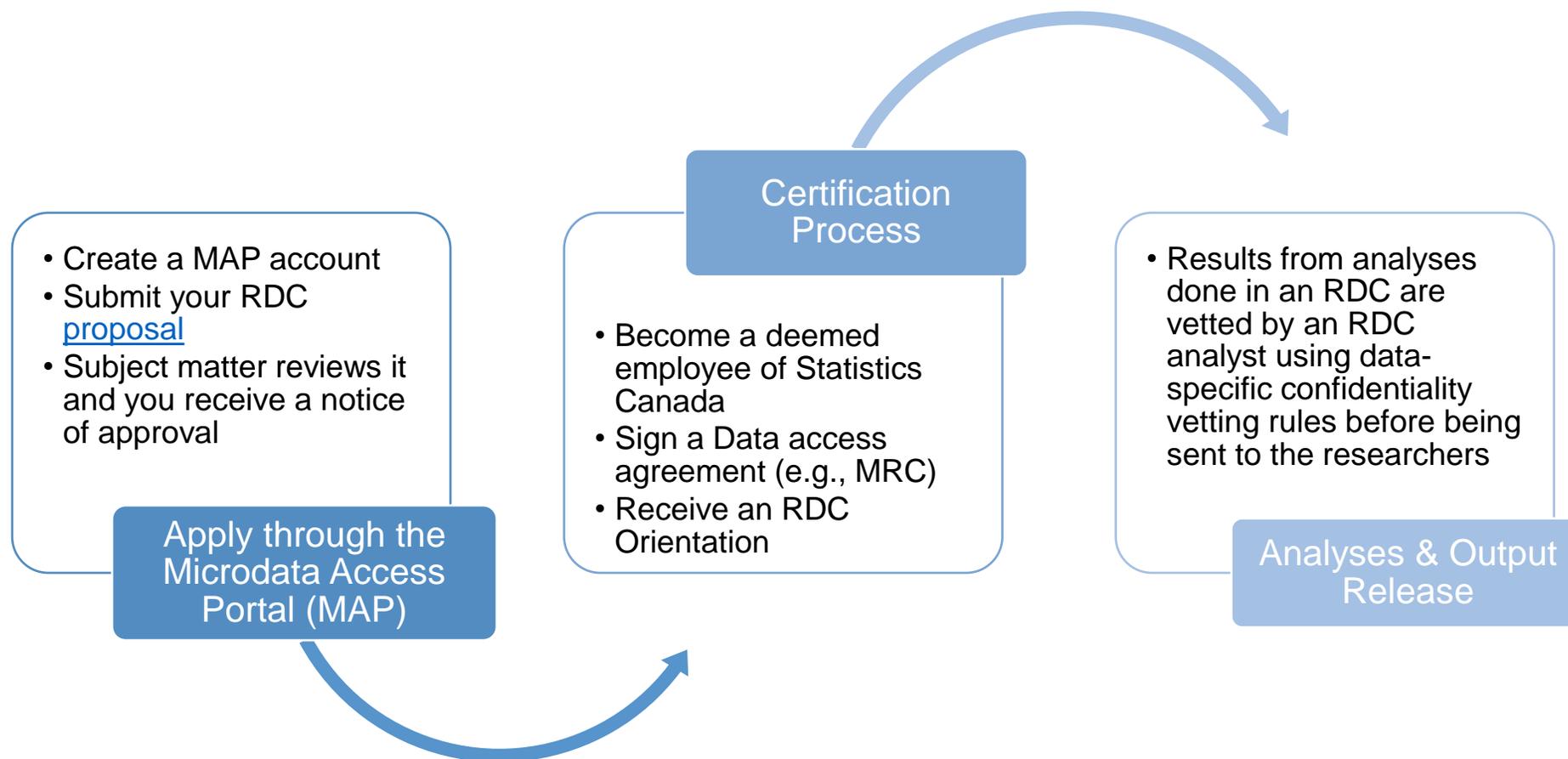
- Data collected by the Canadian Centre for Justice Statistics and policing communities.
- Designed to measure the incidence of crime in Canada and its characteristics.
- Includes criminal incidents, clearance status, information of persons charged.
- 1982-1987: record of crime and traffic statistics.
- 1988- present: microdata of incidents, victims, and accused.



# Accessing the RDC



# Accessing the RDC



# Key websites



## CRDCN

- Canadian Research Data Centre Network (CRDCN)
- <https://crdcn.ca/>



## Application

- Statistics Canada RDC Application Process and Guidelines
- <https://www.statcan.gc.ca/eng/rdc/process>



## Data

- List of Data available in the RDCs
- <https://www.statcan.gc.ca/eng/rdc/data>



## Regina RDC

- Newsletters, updates, workstation booking information and more
- <https://www.uregina.ca/research/rdc/>



# *Thank you!*

- Contact RDC Analyst Rebekah Corpuz at:  
[regina.rdc@uregina.ca](mailto:regina.rdc@uregina.ca)
- For more information, please visit
- [www.statcan.gc.ca](http://www.statcan.gc.ca)

#StatCan100

