

Program Orientation

April 7th, 2026

Presented by the CDP Team



Community Data Program

Enabling communities across Canada to measure and track local well-being



**Canadian
CED Network**

By the end of the session, you will have a better understanding of:

1. What is the Community Data Program?
2. Census terminology
3. What datasets are available through the program?
4. Finding and using data
5. Tableau dashboards
6. Q&A



**Canadian
CED Network**



What is the Community Data Program (CDP)?

- A national initiative with a mandate to enable communities across Canada to measure and track local well-being
- Since 2010, fully funded by members (Canadian public and non-profit organizations with a local service delivery mandate)
- Hosted by the Canadian CED Network since 2019
- Originally established in the 1990s by the Canadian Council on Social Development



The CDP is delivered via three priority areas

Priority Areas



Community Data Access	Capacity Building & Training	Networking
Direct access to a data portal containing hundreds of customized community data products	Data analysis tools and training for members only	Connecting community data practitioners across Canada

communitydata.ca



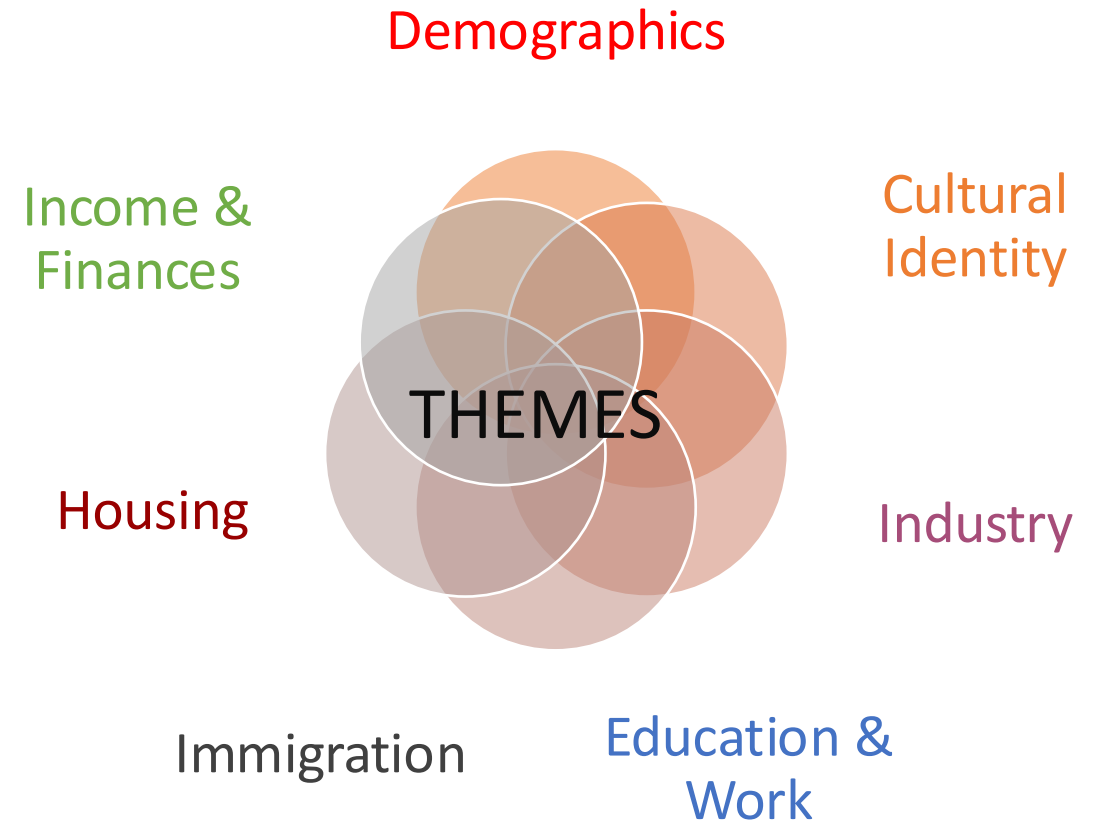
Community Data Access services

CDP acquires data for the entire country at the smallest possible geographic scale

- Municipal Level (Census Division, Census Subdivision)
- Neighbourhood-level where possible (Dissemination Area, Census Tract)
- Postal codes

Data products are designed based on input from CDP Members

Members have access to all data, not only data about their own community

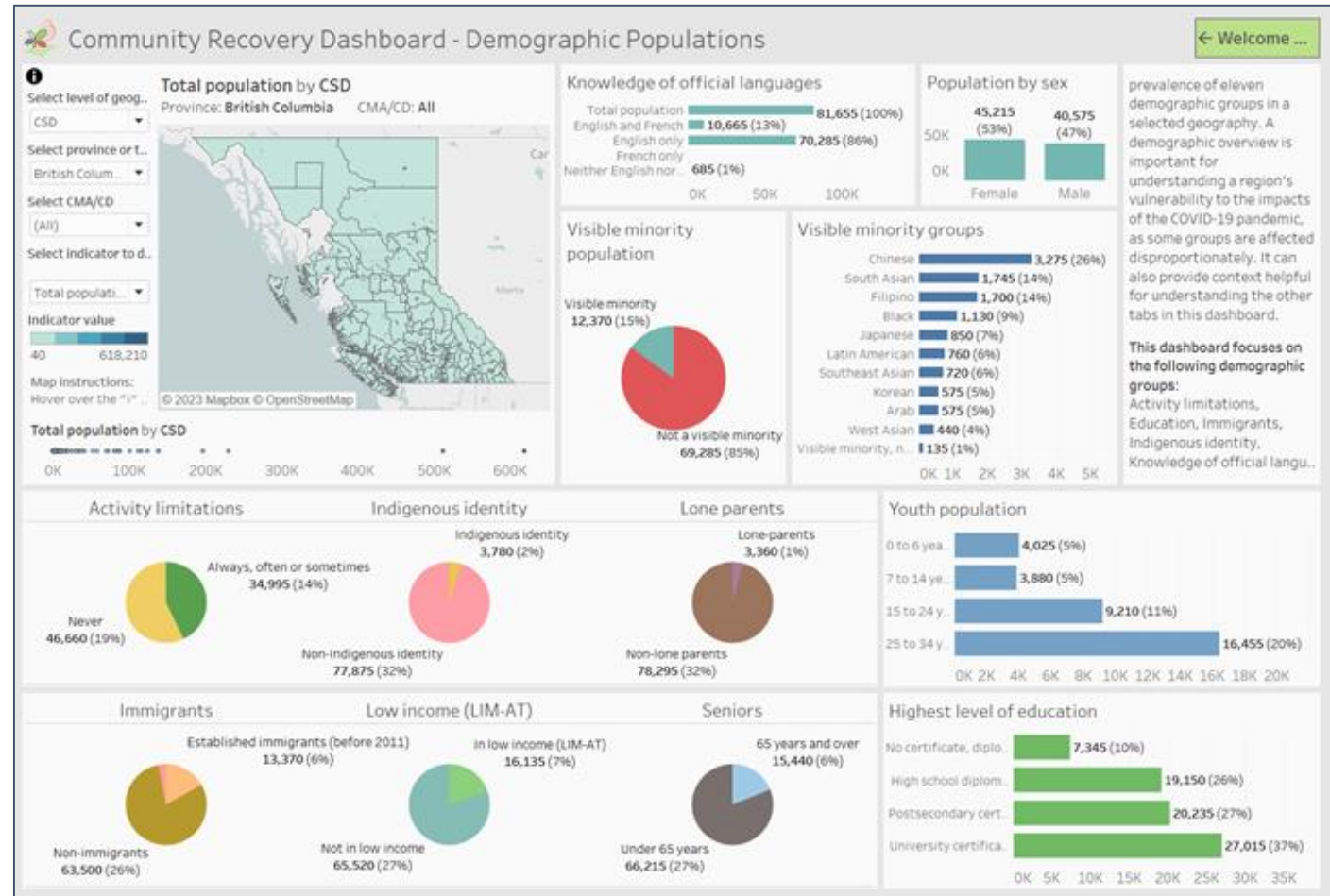


Training & Capacity Building services

Goal: Build capacity of members to use community data

Support to all skill levels through:

- Email/phone technical support
- Instructional guides and videos
- Downloadable dashboards & infographics
- Virtual Webinars
- In-Person Learning & Networking Event



Cross-Canada Networking services

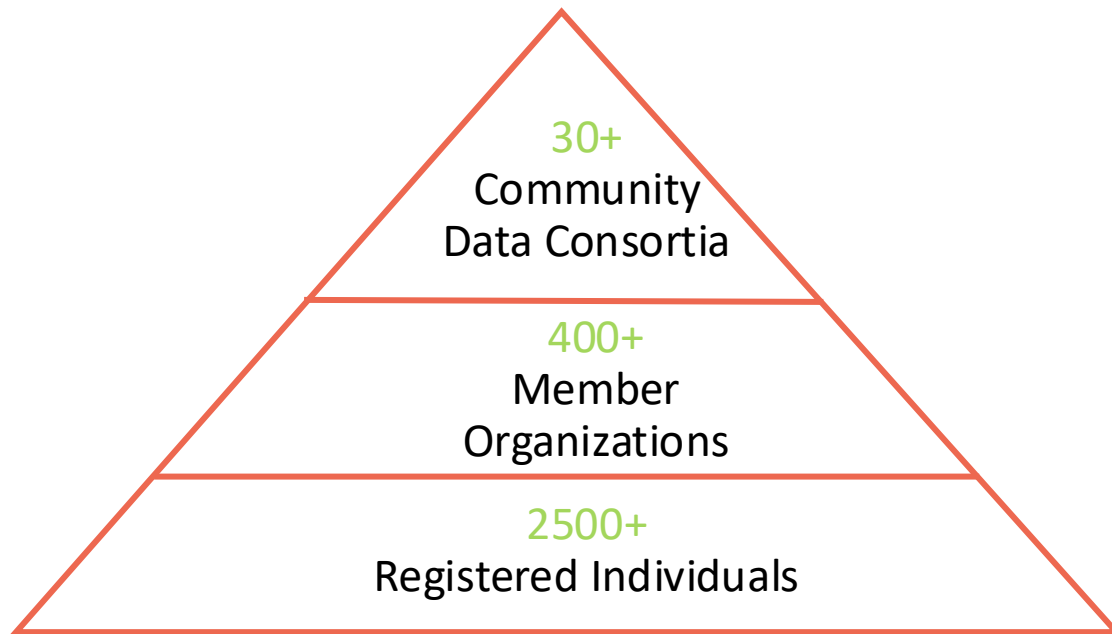
- CDP connects 2,500+ individual user across 400+ member organizations nationwide, fostering collaboration through annual meetings, newsletters, data stories, webinars, and learning events.



Who is a member of the CDP?

Consortium Network

- Covering all of Canada except PEI, Quebec, and the Territories



Examples of typical Members

- Municipal governments
- Local United Way chapters
- Social planning councils
- Community health centres
- School boards
- Police board
- Immigration and youth services
- Libraries
- Economic development agencies



How are membership fees structured?

Consortium Fees

- Fees based on population of consortium catchment area
- Collected annually by CCEDNet
- Leads can develop their own model for recovering consortium fees from members

Membership Fees

- CCEDNet charges a \$150 annual fee for each member organization
- Members pay the annual fee either directly to CCEDNet or to leads
- Membership fee entitle member organization to an unlimited number of user accounts
- Read more on [Program Governance](#)

Why use this structure?

- The program was previously funded by the federal government. This funding was cancelled in 2009.
- The consortium model encourages cost sharing among members and allows the CDP to be financially sustainable and offering long-term access to data and technical support.



CDP TOOLS

- 1.The Data Catalogue
- 2.Beyond 20/20
- 3.Tableau
- 4.QGIS

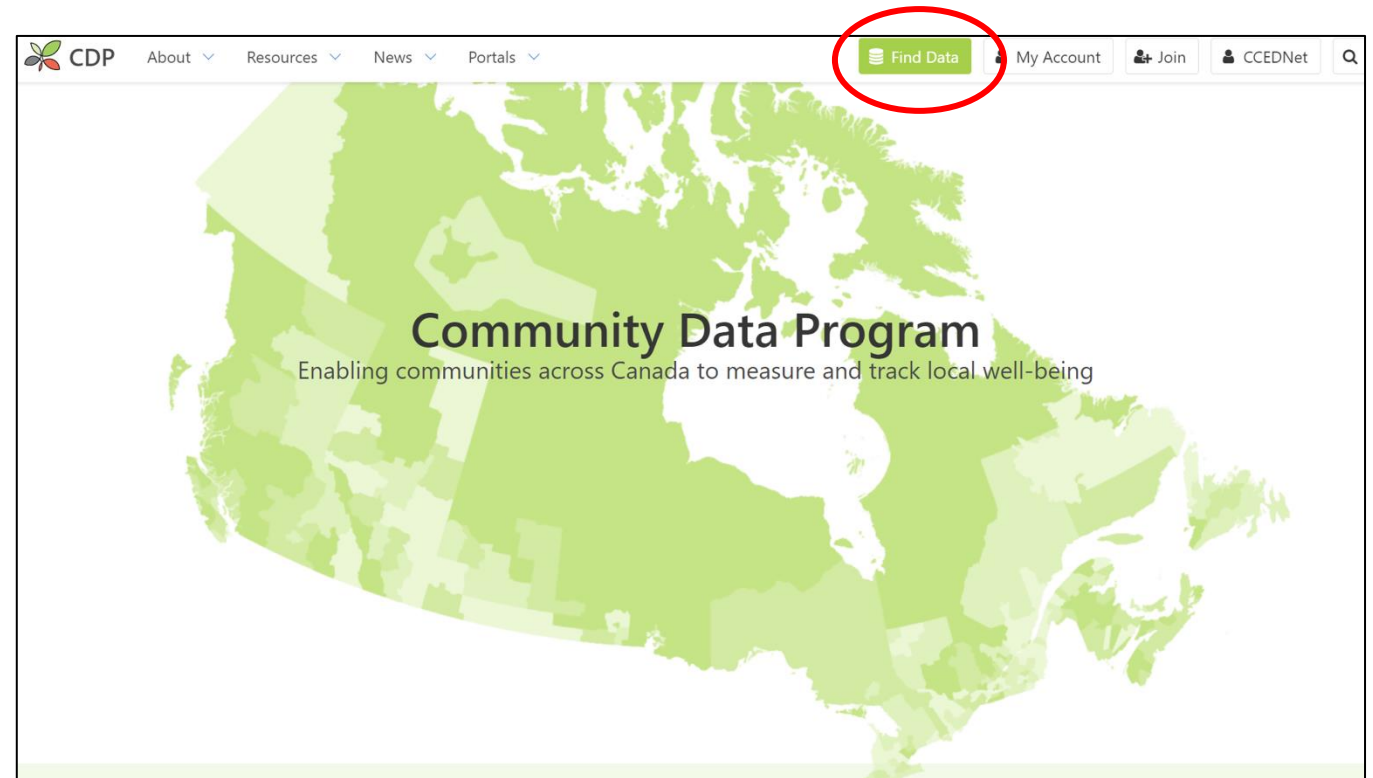


The Data Catalogue

What to use it for:

- Accessing data tables and tableau dashboards
- All users with a registered account can download as much data as they like
- Data is typically available in .csv (Excel), .ivt (Beyond 20/20), or .twbx (Tableau) format

To access the data catalogue from the home page click "[find data](#)"



The Data Catalogue

Use the search parameters to find the data you are looking for.

Find Data
Search our Canadian datasets by applying the filters below

Topics Choose some options	Product Group Choose some options	Data Provider Choose some options	
Product Title Add part, or all of the title	Geographies Choose some options	Years within data i.e. 2006 1976	Items per page 20

Apply Filters **Reset Filters**

**Want to learn more
about how to
use the catalogue?**

Check out our "[How to Find Data](#)" page

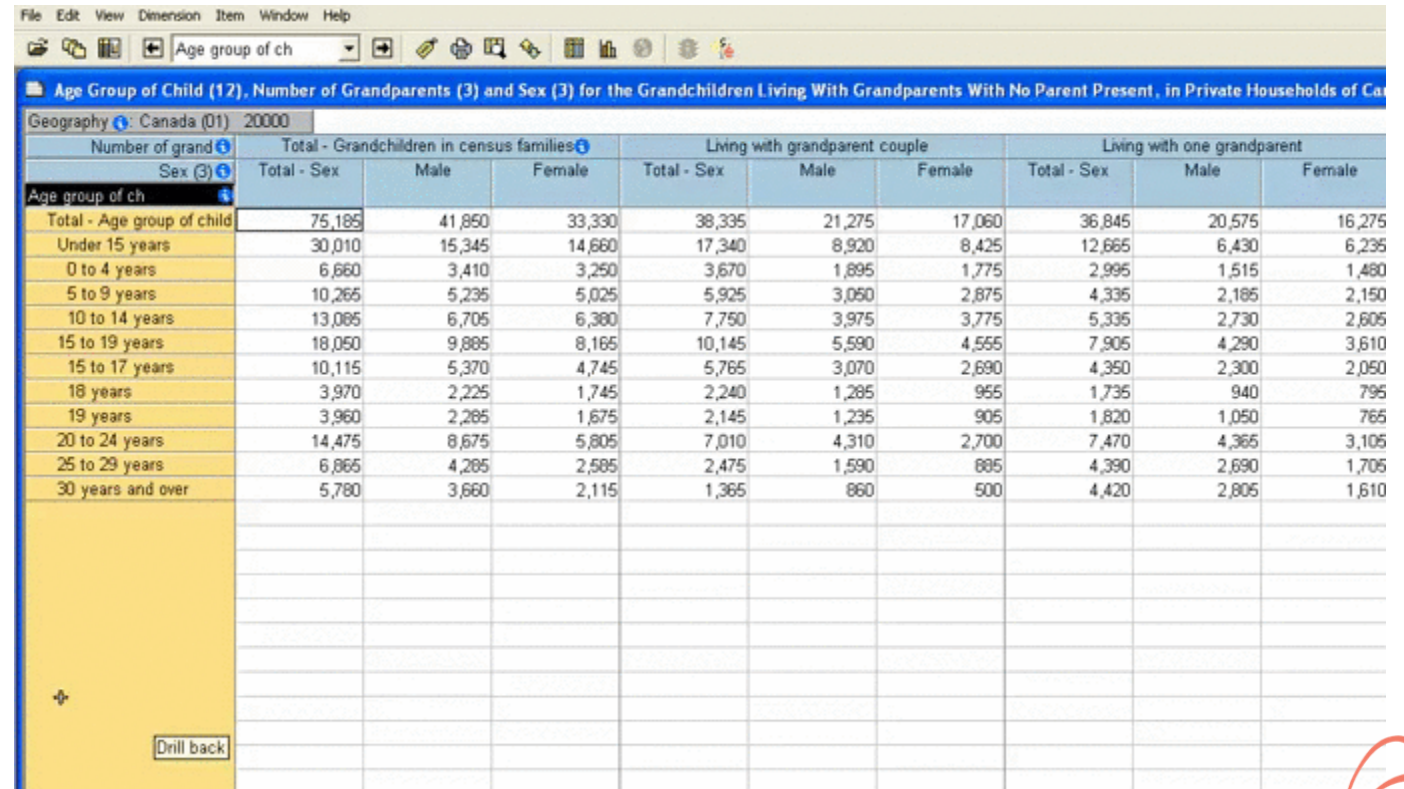


How can I access data?

Beyond 20/20

What to use it for:

- Many tables are only available in .IVT table format
- StatsCan software
- Can be used to manipulate multi-dimensional tables and zero in on the data you need before bringing data into excel



The screenshot shows the StatsCan software interface. The title bar includes 'File Edit View Dimension Item Window Help'. The main window title is 'Age Group of Child (12), Number of Grandparents (3) and Sex (3) for the Grandchildren Living With Grandparents With No Parent Present, in Private Households of Ca'. The interface displays a table with the following structure:

Age group of ch	Total - Grandchildren in census families			Living with grandparent couple			Living with one grandparent		
	Total - Sex	Male	Female	Total - Sex	Male	Female	Total - Sex	Male	Female
Total - Age group of child	75,185	41,850	33,330	38,335	21,275	17,060	36,845	20,575	16,275
Under 15 years	30,010	15,345	14,660	17,340	8,920	8,425	12,665	6,430	6,235
0 to 4 years	6,660	3,410	3,250	3,670	1,895	1,775	2,995	1,515	1,480
5 to 9 years	10,265	5,235	5,025	5,925	3,050	2,875	4,335	2,185	2,150
10 to 14 years	13,085	6,705	6,380	7,750	3,975	3,775	5,335	2,730	2,605
15 to 19 years	18,050	9,885	8,165	10,145	5,590	4,555	7,905	4,290	3,610
15 to 17 years	10,115	5,370	4,745	5,765	3,070	2,690	4,350	2,300	2,050
18 years	3,970	2,225	1,745	2,240	1,285	955	1,735	940	795
19 years	3,960	2,285	1,675	2,145	1,235	905	1,820	1,050	765
20 to 24 years	14,475	8,675	5,805	7,010	4,310	2,700	7,470	4,365	3,105
25 to 29 years	6,865	4,285	2,585	2,475	1,590	885	4,390	2,690	1,705
30 years and over	5,780	3,660	2,115	1,365	860	500	4,420	2,805	1,610



Beyond 20/20 - IVT Tables

Strengths:

- Great for quickly manipulating multi-dimensional, complex tables
- Easy to remove data you are not interested in and focus in on the variables you are

Weaknesses:

- Data must be extracted into excel - B20/20 not designed for analysis
- Can be intimidating to learn, but program is fairly simple once you get a hang of it!

Beyond 20/20 Professional Browser - [Census Profile - Age, Sex, Type of Dwelling, Families, Households, Marital Status, Language, Income, Immigration and Eth]

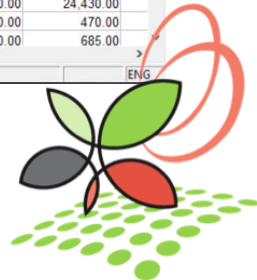
File Edit View Dimension Item Window Help

Sex (3)

Profile of Cens	Population, 2016	Population, 2011	Population percentage c...	Total private dwellings	Private dwellings occupied	Population density per s...	Land area in square kilom...	Total - Age groups an...	0 to 14 years	0 to 4 years
Geography										
Oneida 41 (3539021) IRI 19999 (x) (x)	1,282.00						22.16			
Thames Centre (3539027) MU 00000 (2.2%) (2.1%)	13,191.00	13,000.00	1.50	5,162.00	4,924.00	30.40	433.99	13,195.00	2,300.00	660.00
Middlesex Centre (3539033) MU 00000 (3.7%) (2.4%)	17,262.00	16,487.00	4.70	6,139.00	5,983.00	29.40	588.11	17,265.00	3,350.00	900.00
London (3539036) CY 00000 (3.5%) (4.5%)	383,822.00	366,151.00	4.80	175,558.00	163,140.00	913.10	420.35	383,825.00	61,885.00	20,300.00
North Middlesex (3539041) MU 00000 (4.4%) (4.0%)	6,352.00	6,658.00	-4.60	2,399.00	2,336.00	10.60	597.88	6,350.00	1,150.00	345.00
Adelaide-Metcalf (3539047) TP 00000 (3.9%) (6.7%)	2,990.00	3,028.00	-1.30	1,045.00	992.00	9.00	331.46	2,990.00	595.00	185.00
Lucan Biddulph (3539060) TP 00000 (2.8%) (0.2%)	4,700.00	4,338.00	8.30	1,837.00	1,785.00	27.80	169.14	4,700.00	910.00	310.00
Huron (3540) 00000 (5.0%) (6.4%)	59,297.00	59,100.00	0.30	28,369.00	24,194.00	17.40	3,399.27	59,295.00	9,985.00	3,385.00
South Huron (3540005) MU 00000 (5.9%) (6.3%)	10,096.00	9,945.00	1.50	4,644.00	4,249.00	23.70	425.41	10,095.00	1,530.00	515.00
Bluewater (3540010) MU 00000 (5.0%) (4.2%)	7,136.00	7,044.00	1.30	4,532.00	3,027.00	17.10	417.00	7,135.00	985.00	330.00
Central Huron (3540025) MU 00000 (6.2%) (5.6%)	7,576.00	7,586.00	-0.10	3,823.00	3,127.00	16.90	449.58	7,575.00	1,200.00	380.00
Goderich (3540028) T 00000 (4.8%) (5.8%)	7,628.00	7,526.00	1.40	3,676.00	3,482.00	882.80	8.64	7,630.00	1,055.00	350.00
Huron East (3540040) MU 00000 (3.6%) (6.9%)	9,138.00	9,264.00	-1.40	3,825.00	3,630.00	13.70	669.22	9,140.00	1,645.00	550.00
Howick (3540046) TP 00001 (4.6%) (9.4%)	3,873.00	3,856.00	0.40	1,372.00	1,295.00	13.50	287.06	3,870.00	995.00	340.00
Morris-Tumberry (3540050) MU 00101 (6.8%) (7.8%)	3,496.00	3,413.00	2.40	1,258.00	1,192.00	9.30	376.56	3,495.00	770.00	265.00
North Huron (3540055) TP 00000 (3.7%) (7.2%)	4,932.00	4,884.00	1.00	2,209.00	2,085.00	27.60	178.82	4,930.00	885.00	305.00
Ashfield-Colborne-Wawanosh (3540063) TP 00001 (4.7%) (6.8%)	5,422.00	5,582.00	-2.90	3,030.00	2,107.00	9.20	586.97	5,420.00	925.00	355.00
Bruce (3541) 00000 (6.0%) (6.0%)	68,147.00	66,102.00	3.10	41,183.00	28,866.00	16.70	4,090.20	68,145.00	10,770.00	3,790.00
South Bruce (3541004) MU 00000 (4.0%) (4.8%)	5,639.00	5,685.00	-0.80	2,381.00	2,200.00	11.60	487.48	5,635.00	1,020.00	345.00
Huron-Kinloss (3541015) TP 00100 (6.1%) (1.7%)	7,069.00	6,790.00	4.10	4,037.00	2,777.00	16.00	440.76	7,070.00	1,285.00	470.00
Kincardine (3541024) MU 00000 (4.7%) (4.6%)	11,389.00	11,174.00	1.90	5,883.00	4,855.00	21.20	537.94	11,385.00	1,845.00	665.00
Brookton (3541032) MU 00000 (5.1%) (7.9%)	9,461.00	9,432.00	0.30	4,252.00	3,941.00	16.70	565.18	9,460.00	1,585.00	555.00
Arran-Elderslie (3541043) MU 00000 (4.8%) (6.2%)	6,803.00	6,810.00	-0.10	3,030.00	2,750.00	14.80	460.07	6,805.00	1,340.00	470.00
Saugeen Shores (3541045) T 00000 (5.1%) (6.6%)	13,715.00	12,661.00	8.30	7,655.00	6,025.00	80.20	171.05	13,715.00	1,975.00	730.00
South Bruce Peninsula (3541055) T 00000 (5.4%) (4.8%)	8,416.00	8,413.00	0.00	6,945.00	3,741.00	15.80	532.29	8,415.00	1,025.00	325.00
Chiefs Point No. 28 (3541056) IRI 09999 (x) (x)	0.00	0.00		55.00	1.00	0.00	6.07			
Saugeen 29 (3541057) IRI 04333 (46.0%) (37.8%)	1,041.00	726.00	43.40	1,466.00	391.00	25.10	41.54	1,040.00	230.00	80.00
Neyaashingmiiing 27 (3541060) IRI 03323 (30.5%) (24.9%)	615.00	667.00	-7.80	410.00	252.00	9.60	63.84	615.00	140.00	55.00
Northern Bruce Peninsula (3541069) MU 00000 (7.3%) (6.0%)	3,999.00	3,744.00	6.80	5,069.00	1,933.00	5.10	783.99	4,000.00	320.00	95.00
Grey (3542) 00000 (4.9%) (6.4%)	93,830.00	92,568.00	1.40	47,560.00	39,563.00	20.80	4,513.50	93,830.00	13,890.00	4,520.00
West Grey (3542004) MU 00000 (4.6%) (6.6%)	12,518.00	12,286.00	1.90	5,648.00	5,073.00	14.30	876.16	12,520.00	1,910.00	590.00
Southgate (3542005) TP 00001 (4.6%) (8.5%)	7,354.00	7,190.00	2.30	2,987.00	2,710.00	11.40	644.38	7,355.00	1,460.00	515.00
Grey Highlands (3542015) MU 00001 (4.7%) (9.4%)	9,804.00	9,520.00	3.00	5,299.00	3,904.00	11.10	882.51	9,805.00	1,605.00	530.00
Hanover (3542029) T 00000 (6.0%) (4.3%)	7,688.00	7,490.00	2.60	3,404.00	3,336.00	784.90	9.80	7,690.00	1,185.00	350.00
Chatsworth (3542037) TP 00000 (5.4%) (7.1%)	6,630.00	6,437.00	3.00	2,988.00	2,551.00	11.10	596.19	6,630.00	1,115.00	375.00
The Blue Mountains (3542045) T 00001 (4.9%) (7.8%)	7,025.00	6,453.00	8.90	6,477.00	3,271.00	24.50	287.24	7,025.00	655.00	200.00
Meaford (3542047) MU 00000 (4.1%) (6.2%)	10,991.00	11,100.00	-1.00	5,590.00	4,830.00	18.70	588.57	10,990.00	1,420.00	485.00
Georgian Bluffs (3542053) TP 00000 (4.0%) (6.1%)	10,479.00	10,404.00	0.70	5,069.00	4,258.00	17.30	604.37	10,480.00	1,460.00	440.00
Owen Sound (3542059) CY 00000 (5.5%) (4.4%)	21,341.00	21,698.00	-1.60	10,098.00	9,630.00	879.20	24.27	21,340.00	3,075.00	1,040.00
Simcoe (3543) 00000 (4.0%) (4.5%)	479,650.00	446,063.00	7.50	206,549.00	183,536.00	98.70	4,859.64	479,650.00	79,100.00	24,430.00
Adjala-Tosorontio (3543003) TP 00000 (4.5%) (6.3%)	10,975.00	10,603.00	3.50	3,974.00	3,834.00	29.50	372.34	10,975.00	1,710.00	470.00
Cleanview (3543005) TP 00000 (5.3%) (6.8%)	14,151.00	13,734.00	3.00	6,040.00	5,335.00	25.40	557.10	14,150.00	2,280.00	685.00

For Help, press F1

3/3 Total - Sex ENG

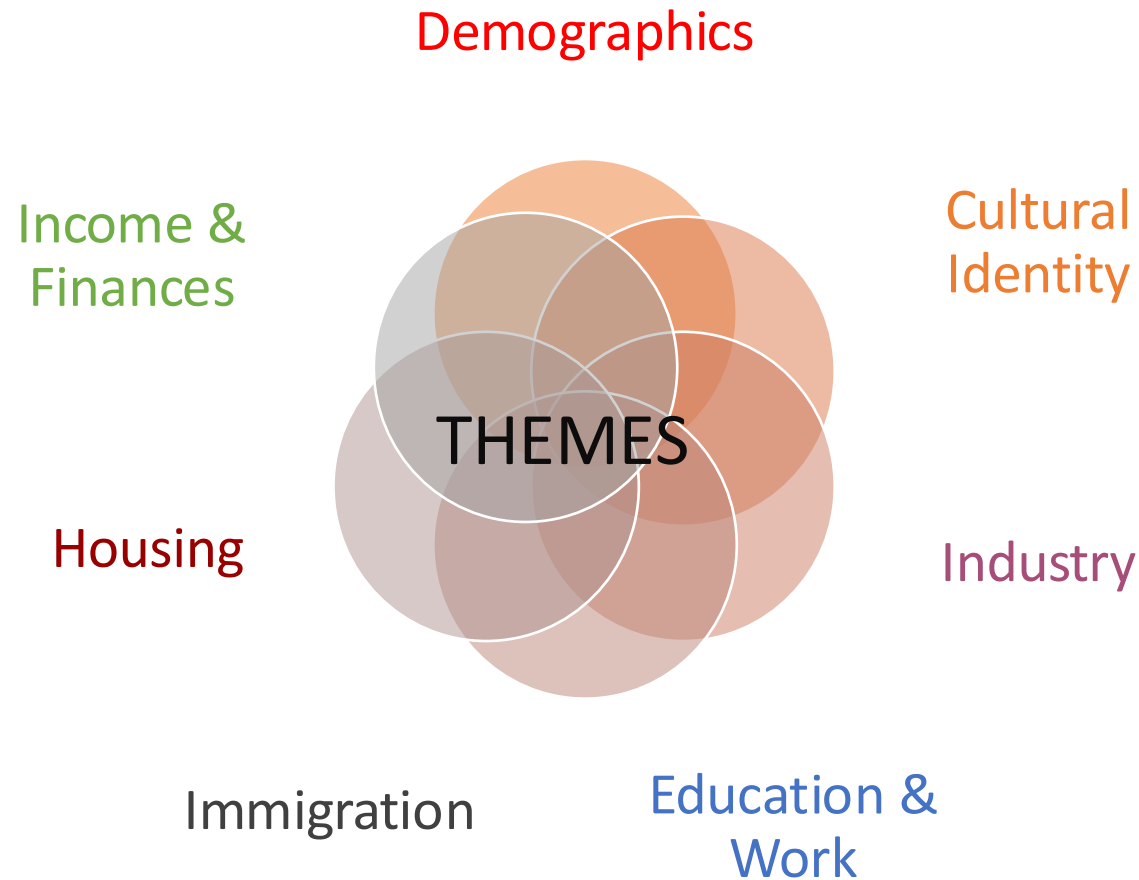


Want to learn more about using Beyond 20/20?

Check out our [Beyond 20/20 Resources](#) on the CDP Website



What data sets are available through the program?

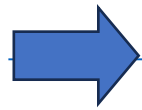


What data sets are available through the program?

- Smallest possible geographic scale
 - Always sub-provincial
 - Municipal Level (Census Division, Census Subdivision)
 - Neighbourhood-level where possible (Dissemination Area, Census Tract)
- Custom Statistics Canada data
 - Custom cross-tabulations and target group profiles
 - Custom boundaries
- Links to open data
- Data is typically available in
 - .ivt (beyond 20/20)
 - .csv (excel)
 - .twbx (tableau) format



Refresher on Statistics Canada Geography



[Link to the Illustrated Glossary page on Statistics Canada website](#)

Census Division (CD):

- An intermediate geographic areas between the province/territory level and the municipality
- In some provinces, CDs correspond with regional district, county, or upper tier municipality

Census Subdivision (CSD):

- Corresponds with municipal boundaries (as determined by provincial/territorial legislation)

Dissemination Area (DA):

- Small, relatively stable geographic unit composed of one or more adjacent dissemination blocks with an average population of 400 to 700

Aggregate Dissemination Area (ADA):

- With populations between 5,000 and 15,000, ADAs are created by grouping existing dissemination geographic areas, including census tracts (CTs), census subdivisions (CSDs) or dissemination areas (DAs). ADA boundaries respect provincial, territorial, census division (CD), census metropolitan area (CMA) and census agglomeration (CA) boundaries.



Refresher on Statistics Canada Geography

Census Metropolitan Area (CMA):

- One or more adjacent municipalities centred on a population centre (known as the core). A CMA must have a total population of at least 100,000, of which 50,000 or more must live in the core

Census Agglomeration (CA):

- One or more adjacent municipalities centred on a population centre (known as the core). A CA must have a core population of at least 10,000.

Census Tract (CT):

- Small, relatively stable geographic areas that usually have a population between 2,500 and 8,000 persons.
- Located in census metropolitan areas (CMAs) and census amalgamations (CAs) with a stable, core population of at least 50,000



Highlights of data available through the CDP



CDP Data Sets

- Census of Population
- [T1FF - taxfiler data](#)
- [Canadian Business Counts](#)
- [Postal Code Conversion File](#)
- [Longitudinal Immigration Database](#)
- [Longitudinal Administrative Databank](#)



CDP Data Sets

- [Building Permits](#)
- [Consumer and mortgage debt data](#) (TransUnion)
- [Estimates of population by age and sex](#) (intercensal, CSD and CT geographies)
- [Canadian Health Survey on Children and Youth \(CHSCY\)](#)
- [Canadian Community Health Survey \(CCHS\)](#)
- [Custom order from the Canadian Survey on Disability](#)
- [Canadian Internet Use Survey](#)



CDP Data Sets

- [Canadian Index of Multiple Deprivation](#)
- [Labour Force Survey Estimates at Economic Region and CMA](#)
- [Labour Force Survey: two-year estimates at CD level](#)
- [CMHC Housing Market Information Portal data](#)
- [Modeled estimates of average liquid assets](#)
- [IRCC Permanent and Temporary Residents data](#)
- [Employment Insurance Statistics](#)
- Links to selected open data sources



CDP Data Sets - Census of Population

Census of Population

- Standard and custom tables
- Standard and custom geographies
- Every 5 years
- 2-year lag for data production



2021 Census Release

- Semi-custom tabulations (standard tables at smaller geographies)
- Custom tabulations
- Target Group Profiles
- Tables at custom geographies
 - Census Profile
 - detailed Age & Gender
 - popular tables like TGPs
- [CDP prepared a Tableau Dashboard for each data release](#)

**Your census.
Your community.
Your future.**

**2021 Census of Population
Release schedule by theme**

February 9, 2022
Canada's growing population
and where they are living

April 27, 2022
Canada's shifting demographic profile

July 13, 2022
Portrait of Canada's families and households
Contemporary portrait of Canadian Veterans
Income profile of Canadians

August 17, 2022
Linguistic diversity and use of English
and French in Canada

September 21, 2022
First Nations people, Métis
and Inuit in Canada
Canada's housing portrait

October 26, 2022
Portrait of citizenship and
immigration in Canada
Ethnocultural and religious
composition of the population
Mobility and migration

November 30, 2022
Education in Canada
The changing dynamics of the Canadian
labour force and how people get to work
Instruction in the official minority language

**Your census.
Your community.
Your future.**

**2021 Census of Population
Release schedule by topic**

February 9, 2022
Population and dwelling counts

April 27, 2022
Age
Sex at birth and gender
Type of dwelling

July 13, 2022
Families, households, and marital status
Canadian military experience
Income

August 17, 2022
Language

September 21, 2022
Indigenous peoples
Housing

October 26, 2022
Immigration, place of birth, and citizenship
Ethnocultural and religious diversity
Mobility and migration

November 30, 2022
Labour
Language of work
Commuting
Instruction in the official minority language

Statistics Canada / Statistique Canada

Canada

Statistics Canada / Statistique Canada

Canada



CDP Data Sets - Census of Population

- [Community Poverty Project tables](#)
 - Tables cross-tabulated with all low-income lines (LICO, LIM, MBM)
 - Themes: depth of poverty, mode of transportation, housing affordability, demographics
- [Core Housing Need](#)
 - Cross-tabulated by age, household type, aboriginal status
- [Target Group Profiles](#)
 - Similar to [Census Profile](#)
 - e.g., low-income population, various demographic groups
- Various data tables
 - [NEET \(Not in Employment, Education or Training\) table](#)
 - [Income and sources of income](#)
 - [Occupation](#) or [Industry](#) classification



CDP Data Sets - T1 Family File (Taxfiler)

- Annual data source
- Two-year lag in publication (e.g., 2020 data coming out in 2020)
- Postal Geographies
 - Forward Sortation Areas, Postal Cities, Rural Postal Codes,
- Census Geographies
 - Census Divisions, Census Metropolitan Areas, Census Agglomerations, Census Tracts
 - Census Subdivisions now standard geography for T1FF, but has some accuracy issues due to imperfect conversion from postal geography



CDP data sets - T1 Family File (Taxfiler)

- Income of Individuals
- Income of Families
- Income of Seniors

Counts, age and income of taxfilers, dependents, families by type and number of children, sources of income, low-income status

- custom tabulations from the Individuals, Families and Seniors tables
- Financial Data and Charitable Donations
- Migration Estimates
- Working Poor and Income Inequality tables (custom)

- [Technical Reference Guide - Families, Individuals and Seniors](#)
- [Technical Reference Guide - Financial Data and Charitable Donations](#)



CDP data sets - T1 Family File (Taxfiler)

- Working Poor - by age (0-64, 18-64, 65+)
 - has an after-tax income below the Low Income Measure
 - has earnings of at least \$3000 a year (threshold for Working Income Tax Benefit)
 - is not a student
 - lives independently (non-institutional population).
- Income Inequality
 - after-tax income threshold upper limits
 - aggregate income by decile



Live Demonstration



Intro to Tableau

What is it?:

- Data visualization and analysis platform
- Software for building and sharing interactive infographics and data tools (dashboards)

Tableau for CDP members:

- Goal of reaching “Modest Capacity Users”
- Dashboards cover all of Canada at varying levels of geography
- Tableau training and support

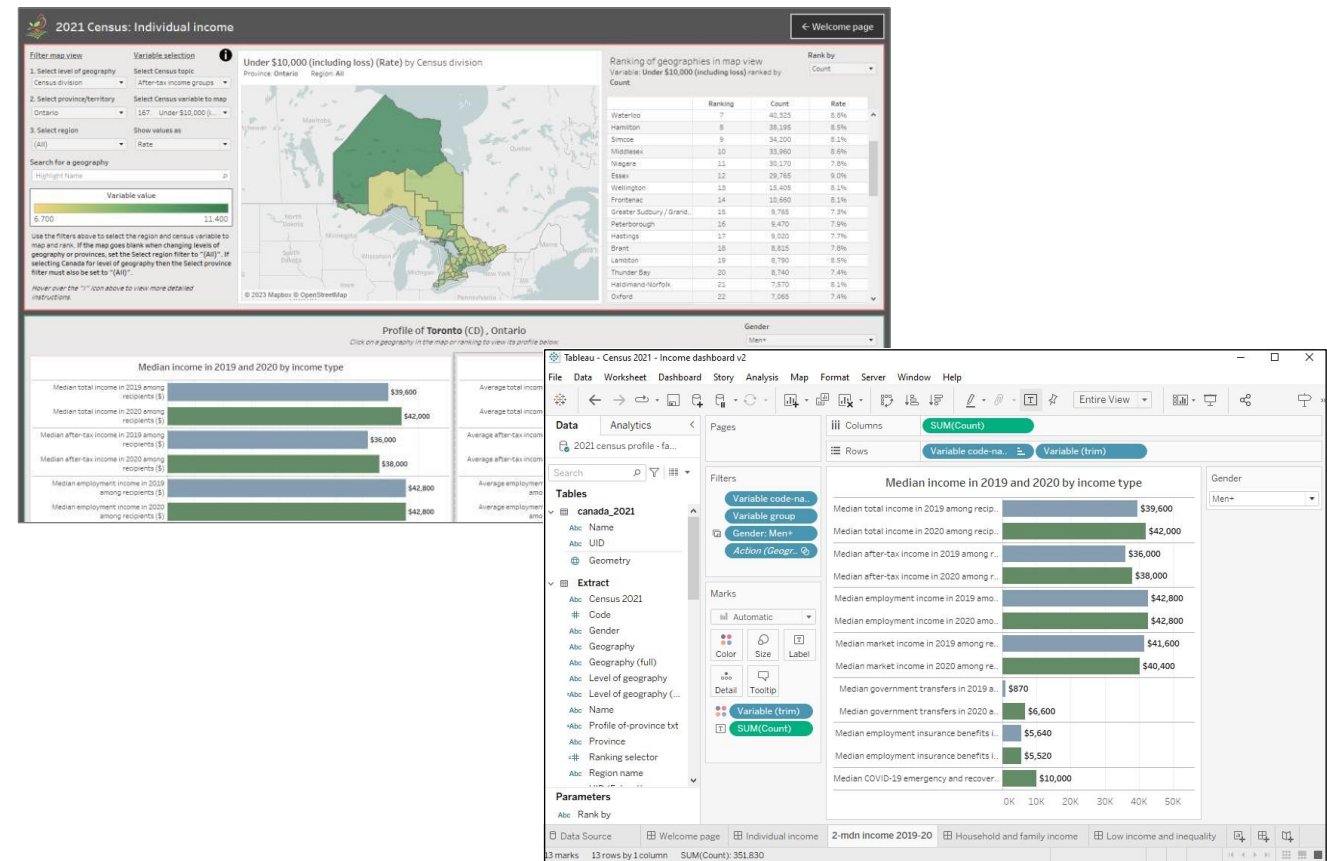


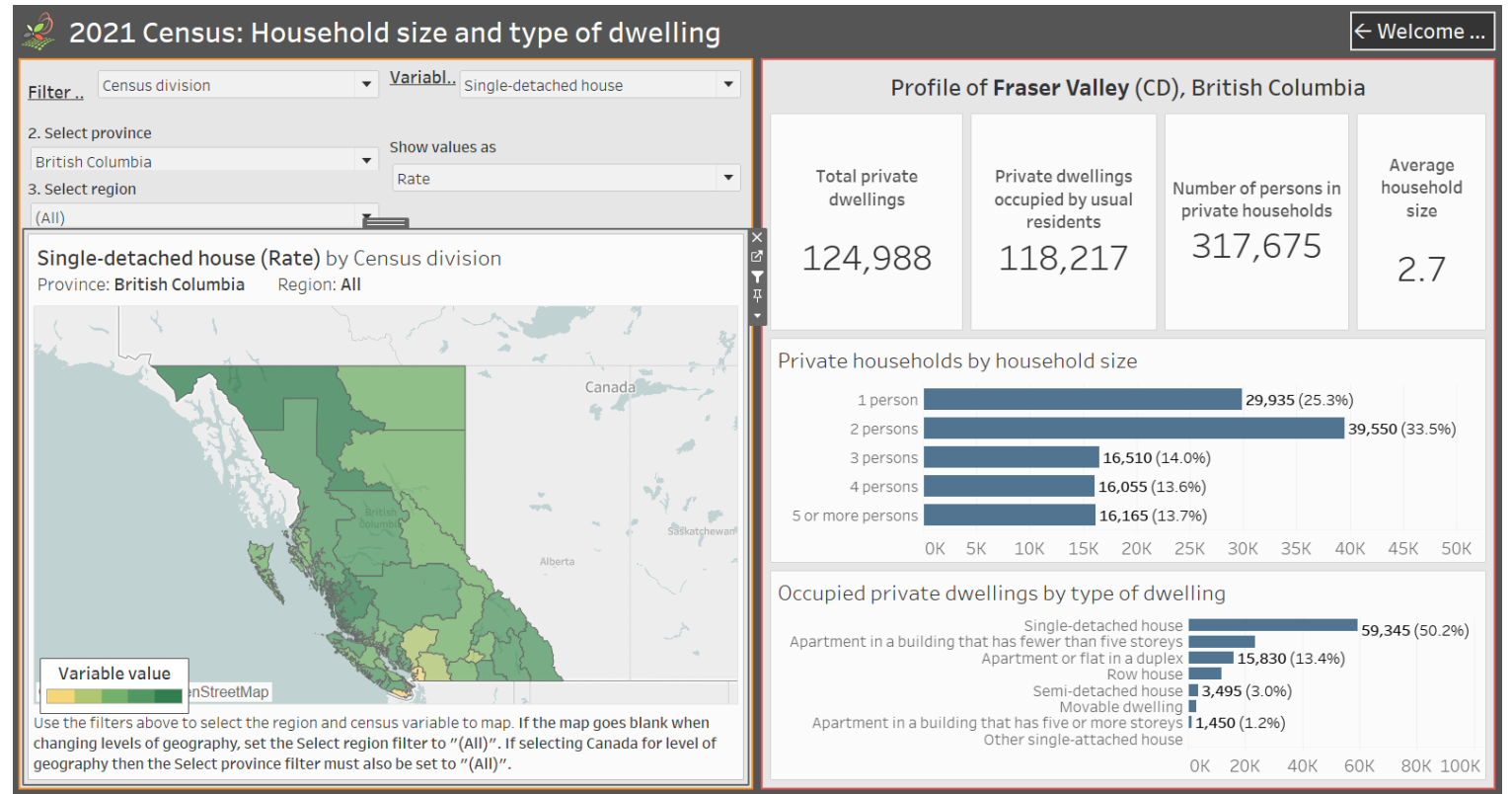
Tableau Dashboard Strengths & Weaknesses

Strengths:

- Easy to find data through drop down menus
- Can easily conduct a multi-dimensional analysis, i.e. intersectionality of different demographic groups, incomes, tenures etc.
- Appealing and intuitive graphics and design

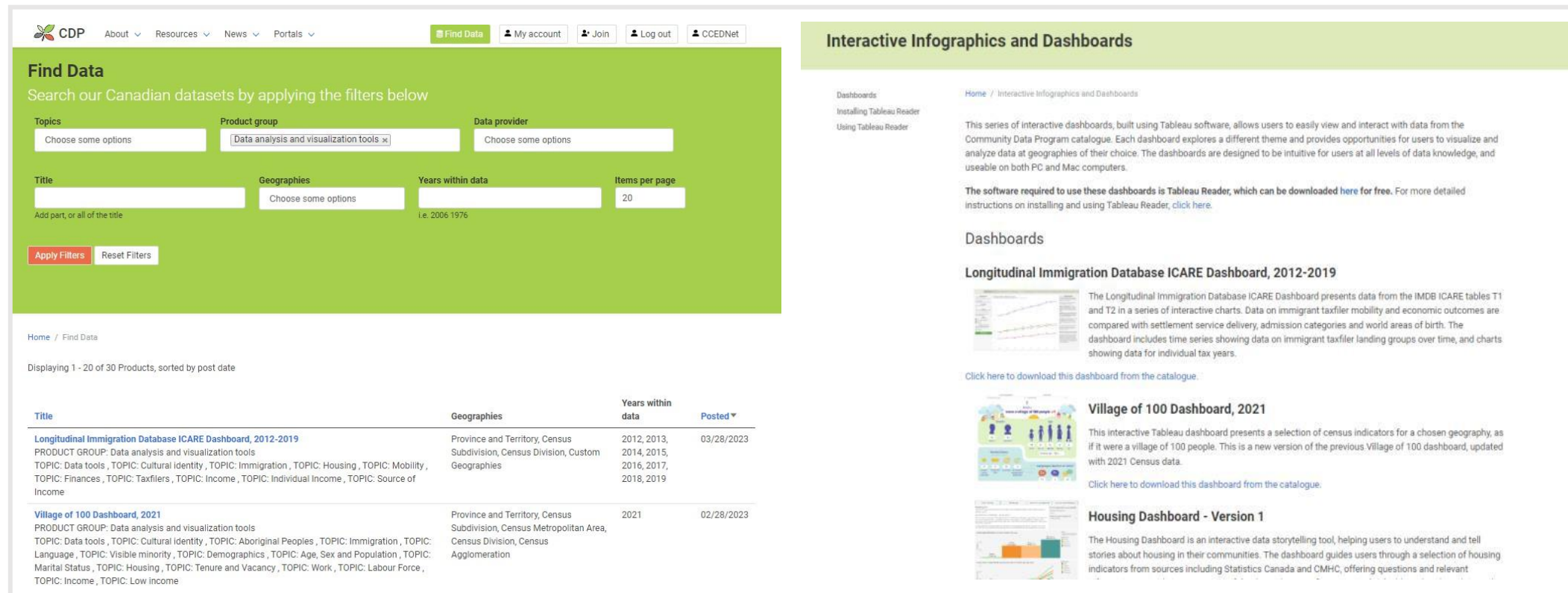
Weaknesses:

- Must download Tableau Reader - many organizations require IT permission
- Tableau dashboards designed with varying degrees of complexity.



Finding Tableau dashboards in the catalogue

- There are currently over 40 dashboards available to CDP users
- To find dashboards:
 - [Interactive Infographics and Dashboards Portal](#)
 - [Catalogue - Data analysis and visualization tools product group](#)
- Dashboards are all in Packaged Workbook (.twbx) format, openable in Tableau Reader



The screenshot shows the CDP Find Data portal. The top navigation bar includes 'CDP', 'About', 'Resources', 'News', and 'Portals'. The main search area has filters for 'Topics', 'Product group', 'Data provider', 'Title', 'Geographies', 'Years within data', and 'Items per page'. The 'Product group' filter is set to 'Data analysis and visualization tools'. Below the filters, there are 'Apply Filters' and 'Reset Filters' buttons. The search results show a list of products, with the first two being dashboards:

Title	Geographies	Years within data	Posted
Longitudinal Immigration Database ICARE Dashboard, 2012-2019 PRODUCT GROUP: Data analysis and visualization tools TOPIC: Data tools , TOPIC: Cultural Identity , TOPIC: Immigration , TOPIC: Housing , TOPIC: Mobility , TOPIC: Finances , TOPIC: Taxfilers , TOPIC: Income , TOPIC: Individual Income , TOPIC: Source of Income	Province and Territory, Census Subdivision, Census Division, Custom Geographies	2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019	03/28/2023
Village of 100 Dashboard, 2021 PRODUCT GROUP: Data analysis and visualization tools TOPIC: Data tools , TOPIC: Cultural Identity , TOPIC: Aboriginal Peoples , TOPIC: Immigration , TOPIC: Language , TOPIC: Visible minority , TOPIC: Demographics , TOPIC: Age, Sex and Population , TOPIC: Marital Status , TOPIC: Housing , TOPIC: Tenure and Vacancy , TOPIC: Work , TOPIC: Labour Force , TOPIC: Income , TOPIC: Low income	Province and Territory, Census Subdivision, Census Metropolitan Area, Census Division, Census Agglomeration	2021	02/28/2023

The right side of the screenshot shows the 'Interactive Infographics and Dashboards' section. It includes a breadcrumb trail 'Home / Interactive Infographics and Dashboards', a list of links for 'Dashboards', 'Installing Tableau Reader', and 'Using Tableau Reader', and a description of the dashboard series. Below this, there are three featured dashboards: 'Longitudinal Immigration Database ICARE Dashboard, 2012-2019', 'Village of 100 Dashboard, 2021', and 'Housing Dashboard - Version 1', each with a thumbnail and a brief description.



Demo: Immigration and Housing Dashboard, 2021

Data Source:

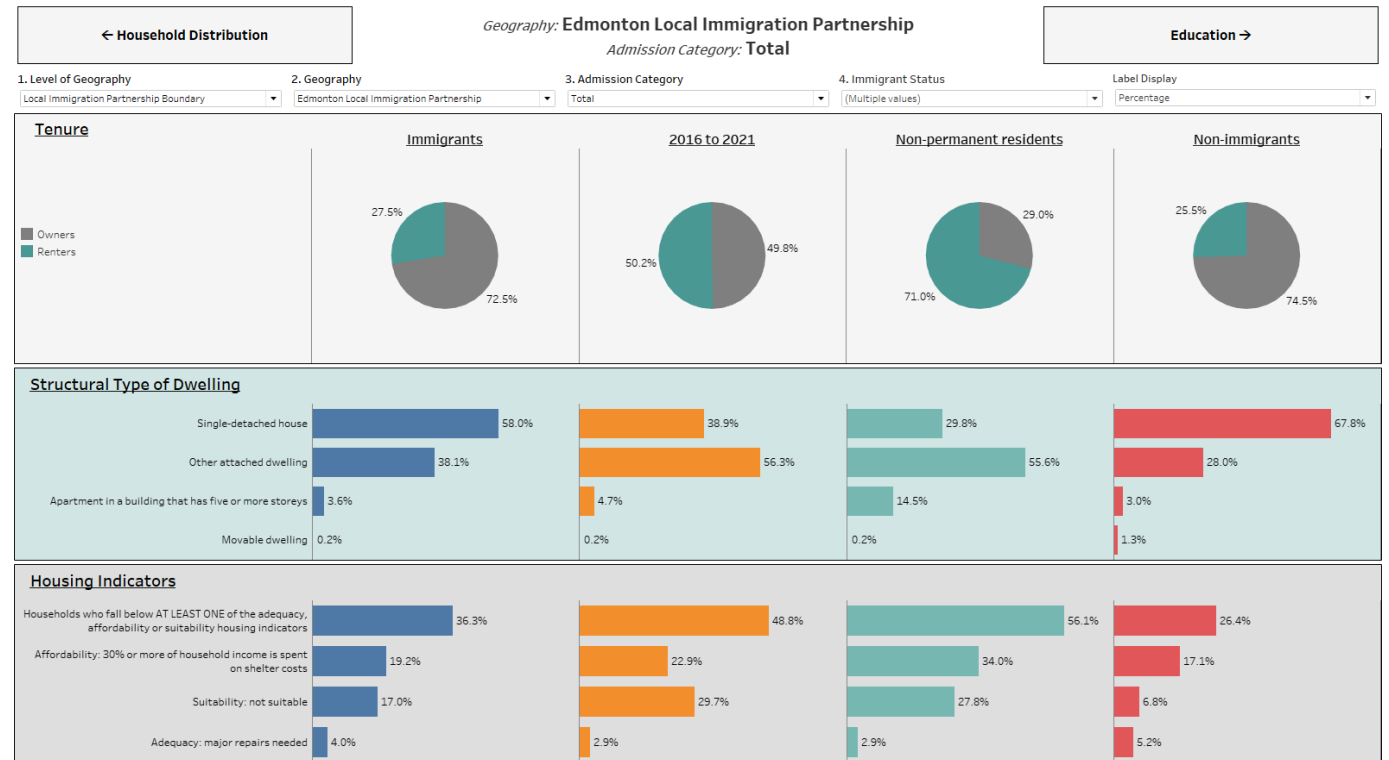
- Selected household and housing characteristics (102), Admission category and applicant type (13), Period of immigration (16) and Gender (3) for the Population in Private Households, 2021 Census - 25% Sample Data

Purpose:

- Collab with NLS to inform on many topics (mainly housing) across multiple immigrant statuses.

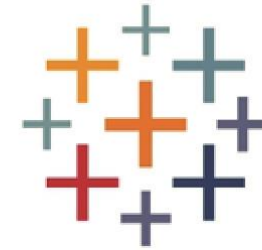
Reminder:

- Immigration dashboards typically still have data available for the non-immigrant and/or total population as well.



Want to learn more about using Tableau?

Check out our [Infographics and Dashboard Portal](#), and previous webinar on using [Tableau for data visualization](#)



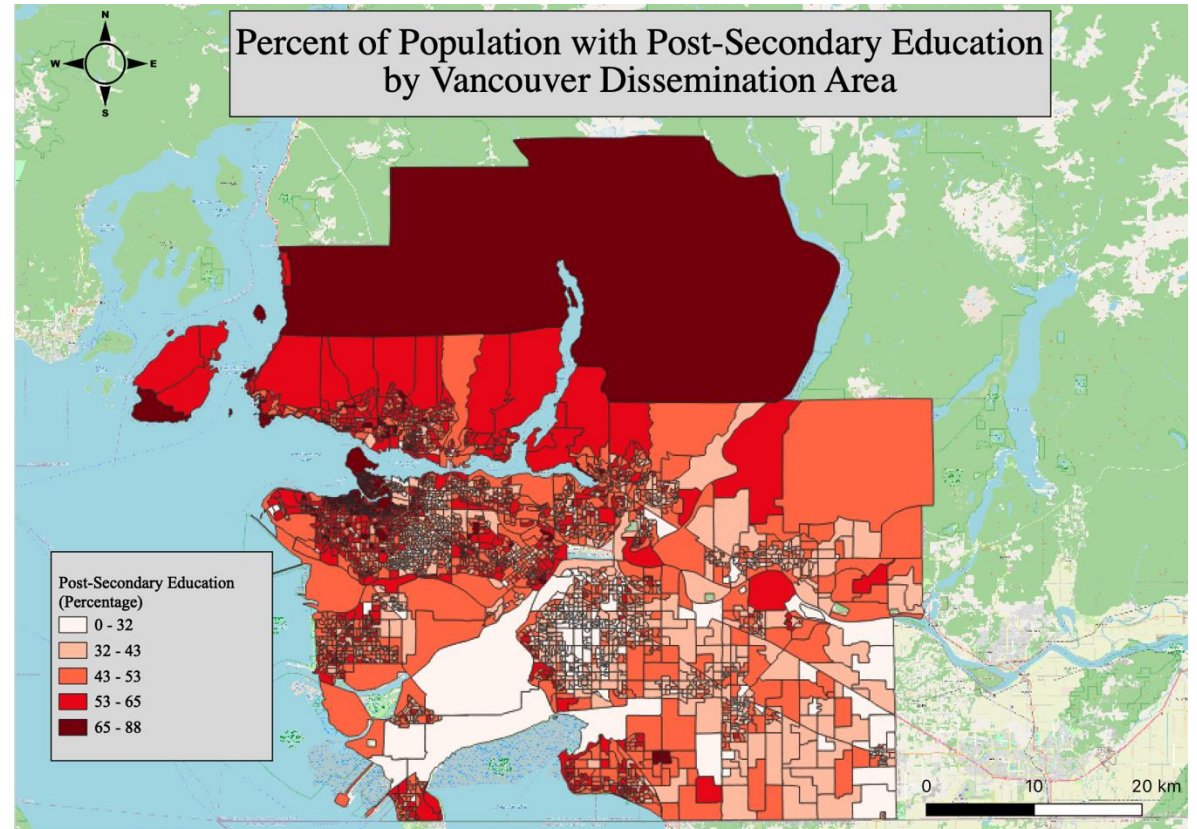
tableau



QGIS

What to use it for:

- Open-source mapping software
- Most CDP data can be mapped
- Census data is spatial data -
Must be joined to a
georeferenced file (shapefile) to
map



QGIS

How to map Census data:

1. Get Your Census Numbers (The Table):

- Export the stats you need (population, income, etc.) into a simple table (like a .csv) using Beyond 20/20. (Make sure you have the relevant GeoUIDs in the export e.g., CSDUID if mapping at the CSD level)

2. Get Your Map Boundaries:

- Download the corresponding map boundary file from Statistics Canada (.shp format).

3. Load Both into QGIS:

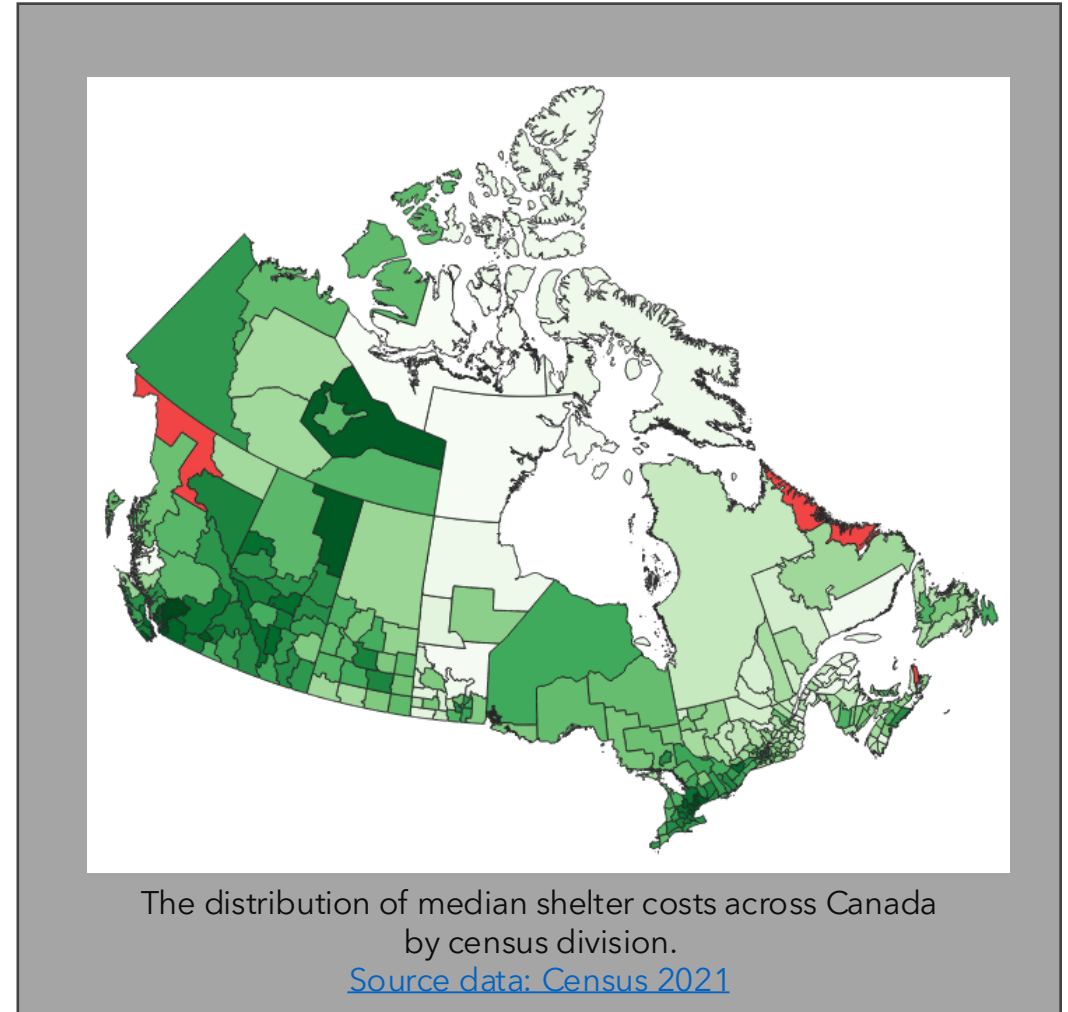
- Add the boundary file (.shp) as a Vector Layer.
- Add your data table (.csv) as a Delimited Text Layer (make sure you assign data types).

4. Join the Table Data TO Map Shapes:

- Use QGIS's Join feature (in the map layer's properties) and join on the GeoUID column of each dataset

5. Visualize Your Data:

- Success! Your map shapes are now linked to your Census data.
- Use Symbology options (colors, gradients) to create thematic maps (e.g., colour-code areas by median shelter costs). Add labels if needed.



QGIS

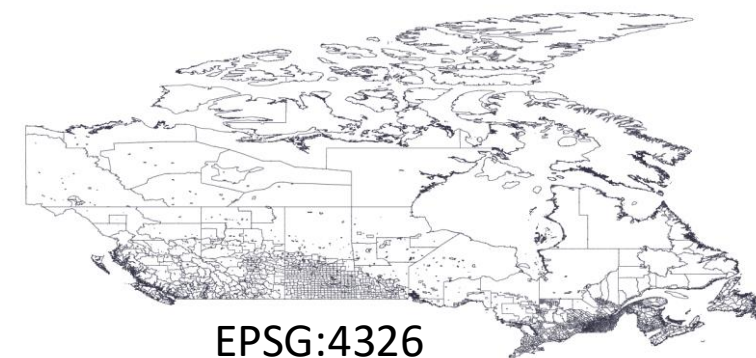
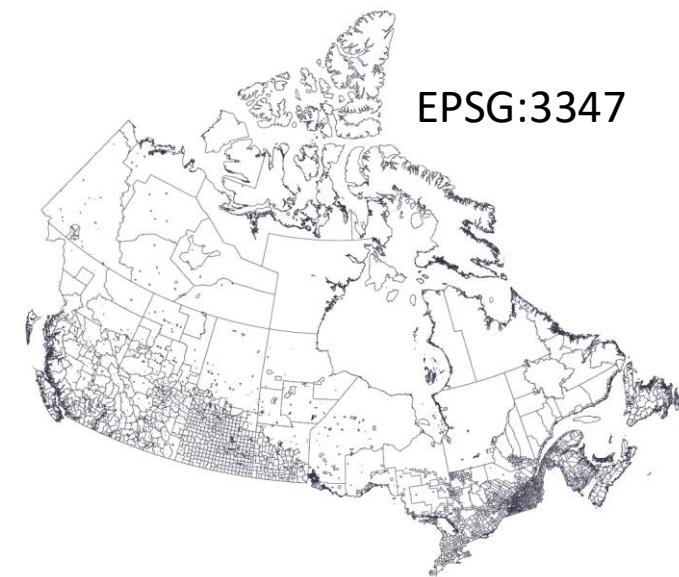
Tips:

Use Mapshaper.org to:

- Reduce file sizes using simplify
 - CSD file size goes from ~152mb to ~6mb over 25x smaller!
- Reproject if necessary
 - Using a consistent projection for different map layers is crucial

Use Python (if you have capacity) to:

- Perform geospatial analysis much faster



QGIS

Want to learn more about using CDP data in QGIS?

Check out our tutorial on [bringing data from the catalogue into QGIS](#)

Need a spatial data file? Visit the [StatsCan Website](#) to download a boundary file



Want to learn more?

Visit our [webinar archive page](#)

Recently added recordings include:

- [Canadian Business Counts dashboard](#)
- [Community Data Program Member Survey](#)
- [The Power of Data in Collaborative Economic Development](#)
- [2026 Census Questionnaire](#)
- [Data Visualization with QGIS and Esri ArcGIS Using NRCan and CDP Datasets](#)
- [The proposed 2023-base Market Basket Measures methodology - Statistics Canada](#)
- [Education and Labour Market Longitudinal Platform - Statistics Canada](#)
- [Community Rental Housing Affordability Dashboard Review](#)
- [Canadian Business Counts](#)
- [2025 Orientation to the Community Data Program](#)

Working on a project that uses CDP data?
Want to share your work in a webinar format?
Let us know!



We need your help to reach our target of 200 survey responses!

So far, we've collected 92 responses. Your feedback is crucial for shaping the CDP 2027-2031 Strategic Plan.

This voluntary survey takes less than 10 minutes and will directly influence our future products and services.

Share your insights to help us build a stronger future for our network!

If you have already completed the survey, thank you! Please share it with other CDP members.

[LINK TO THE 2026 CDP MEMBER SURVEY](#)

Thanks for listening!
**Contact us any time with questions or
requests about community data**

www.communitydata.ca

information@communitydata.ca



Community Data Program

Enabling communities across Canada to measure and track local well-being