

Using Social Data in Community Evaluation

OCASI's new Service Information System



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October 5, 2017



SIS elements

Welcome to the OCASI Service Information System

Find out about your agency and the community you serve.
Use shared indicators and measures to assess your programs and organization



Get started with SIS

Welcome! Watch the brief how-to videos to learn about the three elements of SIS and how SIS can improve your program evaluations.

[Click to get started](#)



Community data portal

An easy-to-use interactive dashboard to understand more about your community. Compare the situation of immigrants with the general population on key themes such as employment, income, and more.

[Use the community data portal](#)



Indicator registry

Find and use validated indicators to assess your agency's service, programs, and outcomes. Bookmark and download indicators to review.

[View the Indicator Registry](#)



Evaluation tools

These tools will guide you through customizing a logic model, selecting evaluation priorities, designing an evaluation plan, and creating a Data Management Plan.

[View more information](#)

Evaluation tools

[Home](#) > Evaluation tools



Evaluation tools

Design an evaluation plan for your agency and its programs.

What do you want to do?



Create a logic model or theory of change

This is the first step in creating an evaluation plan. We have created a generic model for services to immigrants and refugees so you don't have to start from scratch.



Design an evaluation plan

Decide on your priorities for evaluation. What information will lead to improved services or additional resources at your agency?



Develop a Data Management Plan (DMP)

A DMP describes how you will control the data that you collect in your evaluations. We have written one for the data collected by the SIS that you can customize for your own purposes.



Review your data collection tools

Go to a list of DHIS2 data collection forms. If you have not signed up for SIS, you will be able to see demos.



Create reports and go to your dashboards

This link will take you to the SIS data warehouse, which is built on another software platform. If you have not signed up as a SIS pilot agency, you will see a demo.

A registry of validated indicators



Indicator registry

This registry contains indicators for OCASI's Service Information System. It focuses on immigrant and refugee services, but it includes indicators and instruments from many other sectors too. To create your own workspace and collect indicators, [get started with SIS](#)

Showing 17 results.

Compare
 Request review
 Bulk download
 Add favourite
 Remove favourite
 Change workgroup

Change registration status

Refine by

Collections

- OCASI (23)
- OCASI_SIS (17)
- Prosper Canada (5)

Outcomes

- Health and well-being (15)
- Social inclusion (12)
- Employment (10)
- Income (9)

more ▾

Inputs and outputs

- Organizational capacity (6)
- Participant experience (5)
- Program quality (5)
- Participants reached (3)

more ▾

Data collection method

▲ Name	Categories (click to see which indicators belong to that category)	Compare up to 3
Coalition interpersonal relationships, average score	Organizational capacity	<input type="checkbox"/>
Coalition roles and responsibilities, average score	Organizational capacity	<input type="checkbox"/>
Communication with community resources behavior, average score	Access to services, Social inclusion	<input type="checkbox"/>
Communication with community resources knowledge, average score	Access to services, Social inclusion	<input type="checkbox"/>
Communication with community resources status, average score	Access to services, Social inclusion	<input type="checkbox"/>
Housing behavior, average score	Housing	<input type="checkbox"/>
Income behavior, average score	Income, Employment	<input type="checkbox"/>
Income knowledge, average score	Income, Employment	<input type="checkbox"/>
Income self-sufficiency, average score	Income	<input type="checkbox"/>

Some validated indicators come with public datasets

Positive Mental Health Surveillance Indicator Framework

The Positive Mental Health Surveillance Indicator Framework (PMHSIF) provides information on positive mental health outcomes and its associated risk and protective factors. Positive mental health is a state of well-being that allows us to feel, think, and act in ways that enhance our ability to enjoy life and deal with the challenges we face.

The PMHSIF contains a core set of indicators grouped by positive mental health outcomes and four key domains as listed below. Each indicator has a corresponding measure. For each measure in the PMHSIF, pan-Canadian estimates are available for adults aged 18 and older, and youth aged 12–17 years, along with breakdowns by key demographic and socioeconomic variables. A Framework for children is under development. The indicators identified in the PMHSIF are the same for each age group; however, the corresponding measure does differ according to the age group.

Measure Description

Name	% of population who report that they “very strongly” or “somewhat strongly” belong to their local community
Latest Data	62.4%
Definition	Percentage of population who report their sense of belonging to their local community as being “very strong” or “somewhat strong.”
Data Source	Canadian Community Health Survey (CCHS) Mental Health, Statistics Canada.
Population	Population 18 years and older.
Data Available	Sex, age groups, household income quintile, province/territory, urban/rural residence, and immigrant status.
Methods Calculation	Numerator: Number of adults 18+ who report their sense of belonging to their local community as “very strong” or “somewhat strong”; Denominator: Total population, aged 18+
Additional Notes	A high percentage can be interpreted as a positive result.

[Return to the Positive Mental Health Indicator Framework](#)

From <https://infobase.phac-aspc.gc.ca/indicators/> - includes indicators for mental health, chronic disease and physical activity/sleep

Indicator for social well-being (PHAC)



Sense of belonging (Indicator)

Definition

Client sense of belonging to the local community

Alternate names:

Short name

Sense of belonging

Outcome Areas

Rationale

The Canadian Community Health Survey (CCHS) is an annual national survey carried out across the country by Statistics Canada. By using CCHS questions as outcome measures, Canadian organizations can benchmark health status of their own clientele against the population of interest in their region. Data from these surveys are made available by Statistics Canada in microdata files.

The CCHS questions are available in French and English, have been extensively tested and validated by Statistics Canada, and represent a credible and widely used set of questions relevant to a broad definition of health. This question is taken from the 2016 survey.

+ Add Outcome area

Numerators

Number of respondents who replied "Very strong" or "Somewhat strong"

- [Sense of belonging](#)

Denominators

Number of respondents who answered the question

References

Canadian Community Health Survey (CCHS) 2016. http://www23.statcan.gc.ca/imdb/p3Instr.pl?Function=assembleInstr&Item_Id=260675

SENSE OF BELONGING

TYPE

INDICATOR

IDENTIFIERS

UUID - F5B9B7FA-8C25-11E7-B14D-02EA8C02436F

LO:OCASI_10:

ENDORSED BY **CHANGE**

- **LOGICAL OUTCOMES** : RECORDED ON AUG. 25, 2017
- **VIEW REGISTRATION HISTORY**

LAST UPDATED

26 MINUTES AGO BY TRACI

CREATED

2017-08-28

SUPERSEDES **ADD**

- **NONE**

SUPERSEDED BY **ADD**

- **NONE**

Uses of social data

- Adopt credible and validated indicators that are already publicly available (and bilingual!) instead of creating them yourselves
- Describe your community to news media
- Provide a rationale for needs assessments and funding proposals
- Use as community-wide outcomes for broad social initiatives
- Benchmark against agency client data

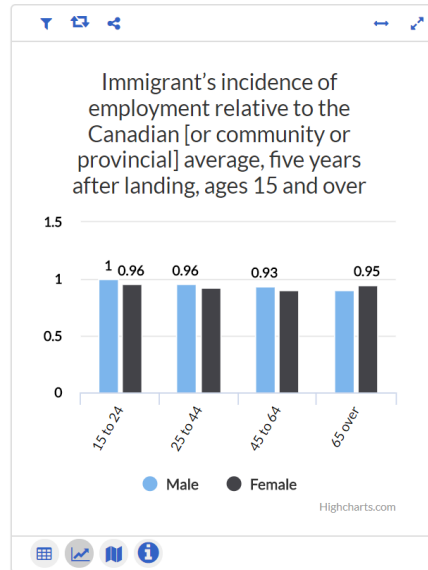
Benchmarking against community data in warehouse

EMPLOYMENT

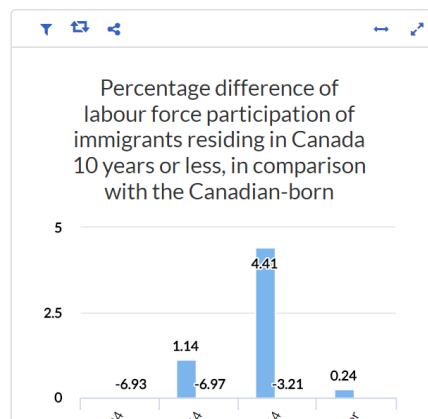
Add items in your dashboard by searching here

[Write feedback](#)

EMPLOYMENT
INCOME
2



	Male				Female			
	15 to 24	25 to 44	45 to 64	65 over	15 to 24	25 to 44	45 to 64	65 over
	Toronto C	1	0.96	0.93	0.9	0.96	0.92	0.9



	Percentage difference of labour force participation of immigrants residing in Canada 10 years or less, in comparison with the Canadian-born							
	Male				Female			
	15 to 24	25 to 44	45 to 64	65 over	15 to 24	25 to 44	45 to 64	65 over
Algoma	NaN	0.47	22.76	NaN	-66.14	3.18	-11.28	NaN
Brant	4.52	6.36	15.68	-17.56	31.75	-12.02	46.57	-9.41
Bruce	NaN	6.44	15.68	-17.56	31.75	-12.02	46.57	-9.41

Community data portal



HOME

DATA PORTAL ▾

EVALUATION ▾

REGISTRY ▾

HELP

MY WORKSPACE

Home > Community data portal



Community data portal

Use this portal to compare the situation of immigrants with the general Ontario population on key themes such as employment, income, and more. It's easy! Choose from the filters and scroll down to view reports. [Watch the tutorial video](#) for help getting started.

Overview

Detailed maps and charts

Better understand your community

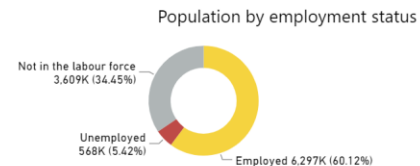
Choose from the filters below: select the population group, location, age, and sex groups that you wish to compare against the overall population. Reports will automatically update when you select filters. Ontario data are from the Statistics Canada [2011 National Household Survey](#).

Population group	Location	Age	Sex
<input checked="" type="checkbox"/> Total - includes all immigrants <input type="checkbox"/> Born in Canada <input type="checkbox"/> Arrived Before 1981 <input type="checkbox"/> Arrived 1981 to 1990 <input type="checkbox"/> Arrived 1991 to 2000 <input type="checkbox"/> Arrived 2001 to 2005 <input type="checkbox"/> Arrived 2006 to 2011 <input type="checkbox"/> Arrived 2001 to 2011 <input type="checkbox"/> Immigrants <input type="checkbox"/> Non-permanent residents	All	<input type="checkbox"/> Select All <input type="checkbox"/> 15 to 19 years <input type="checkbox"/> 20 to 24 years <input type="checkbox"/> 25 to 44 years <input type="checkbox"/> 45 to 64 years <input type="checkbox"/> 65 years and over	<input type="checkbox"/> Select All <input type="checkbox"/> Female <input type="checkbox"/> Male

i Filter pane information: No selection in filter is treated as "Select All".

Labour participation, employment and unemployment

Overall employment rate
60.1%

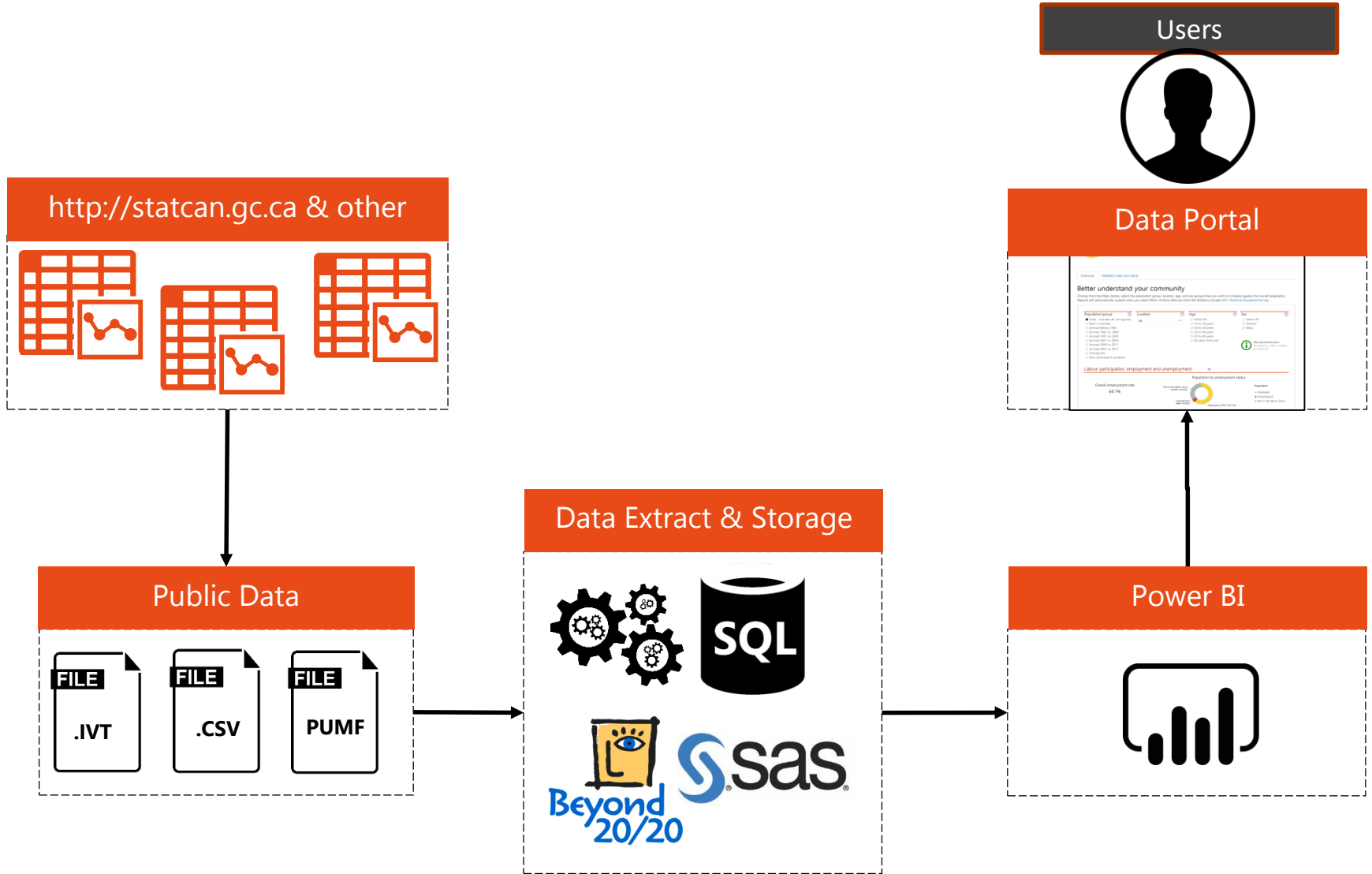


Population

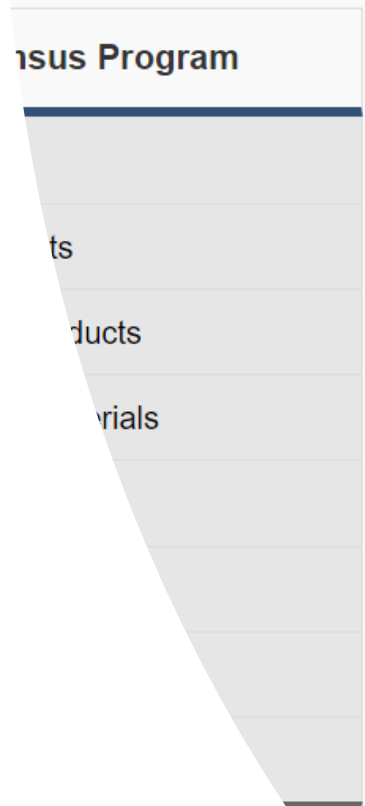
- Employed
- Unemployed
- Not in the labour force



Public data processing



NHS data preparation



2011 National Household

Table of contents

- Aboriginal Peoples
- Immigration and Ethnocultural Diversity
- Education and Labour
- Mobility and Migration
- Income and Housing

Aboriginal Peoples

- [99-011-X2011026](#) Aboriginal Identity and Residential Mobility: On Res...
- [99-011-X2011027](#) Aboriginal Identity and Residential Mobility: the Population in F...
- [99-011-X2011028](#) Aboriginal Identity and Residential Mobility: the Population in F...



Extracting 2011 NHS Data

Beyond 20/20 Professional Browser - Mother Tongue (10), First Official Language Spoken (5), Employment Income Statistics in 2010 (7), Immigrant status and per

File Edit View Dimension Item Window Help

Geography

Mother Tongue (10), First Official Language Spoken (5), Employment Income Statistics in 2010 (7), Immigrant status and period of immigration (9), Highest Certificate, Diploma or Degree (10), Age Groups (8B)

First official (5): Total - First official language spoken	Immigrant statu (6): Total - Immigrant status and period of immigration	Highest certifi (10): Total population aged 15 years and over by highest certificate, diploma or degree	Employment inco (7): Total - Employment income statistics in 2010	With employment income
Geography		Mother tongue (10)		
Canada (01) 20000 (26.1%)		Total - Mother tongue	19 133 310	17 832 495
		English	11 077 645	10 362 475
		French	4 059 820	3 825 775
		Non-official language	3 741 020	3 413 195
		Aboriginal	77 690	67 215
		Non-Aboriginal	3 663 330	3 345 980
		English and French	27 875	25 515
		English and non-official language	190 840	173 230
		French and non-official language	33 330	29 915
		English, French and non-official language	2 765	2 400
		Total - Mother tongue	282 025	266 325
		English	276 165	261 075
		French	1 065	975
		Non-official language	4 475	3 985
		Aboriginal	1 215	1 055
		Non-Aboriginal	3 265	2 930
		English and French	95	90
		English and non-official language	220	185
		French and non-official language	10	15
		English, French and non-official language	0	0
		Total - Mother tongue	118 440	112 675
		English	115 480	110 045

For Help, press F1

168/168 Canada (01) 20000 (26.1%) ENG

Loading data to Data Storage

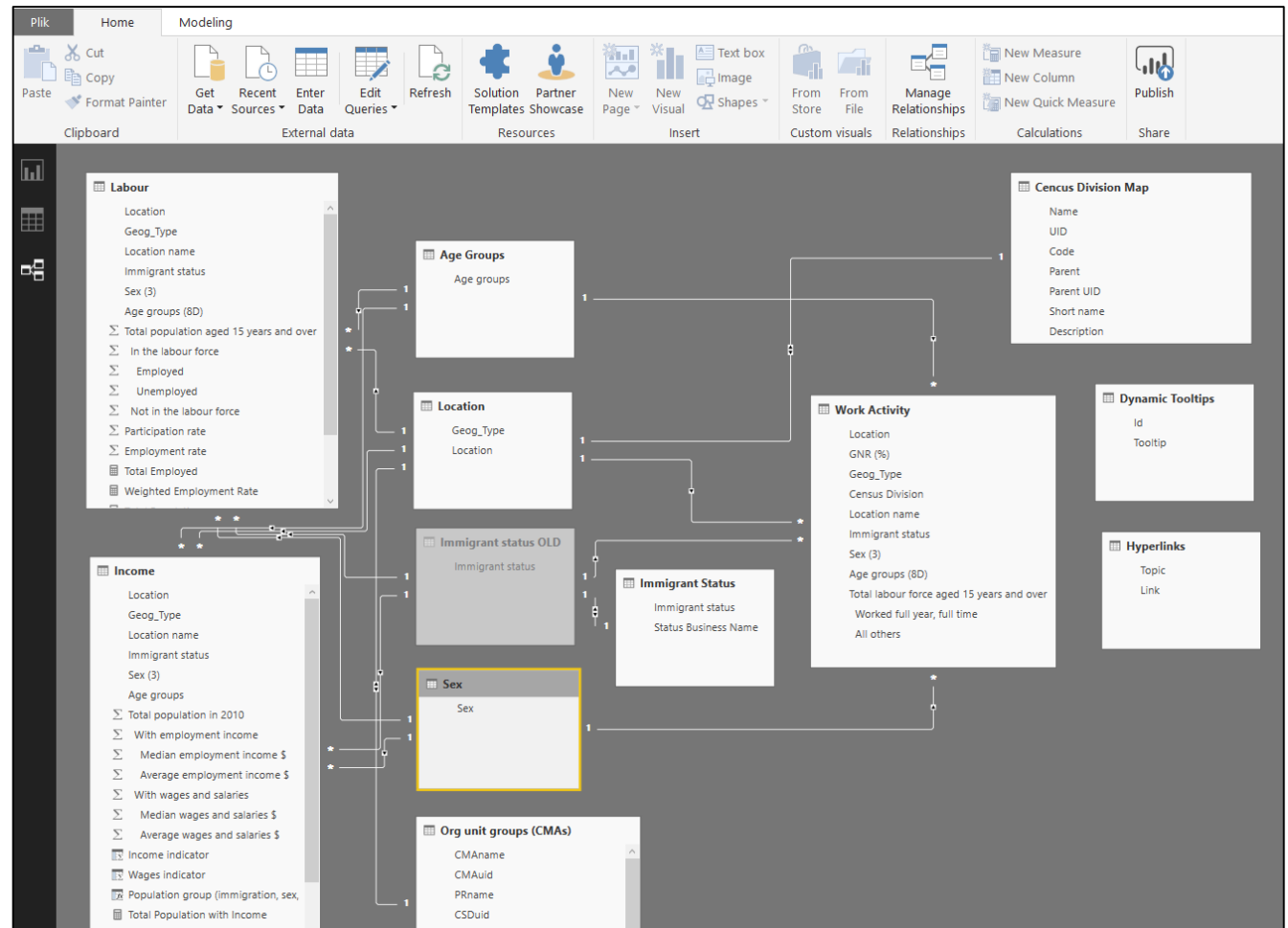
The screenshot displays the Microsoft SQL Server Management Studio interface. The top menu bar includes File, Edit, View, Query, Project, Debug, Tools, Window, and Help. The Object Explorer on the left shows the server structure for 'ocasi.database.windows.net (SQL Server 12.0.2000.8 - wojtek)', including System Databases, OCASI, Database Diagrams, Tables, and Views. The central query editor shows the following SQL script:

```
/****** Script for SelectTopNRows command from SSMS *****/  
SELECT TOP (1000) [SelectedDemography]  
    , [Geo]  
    , [AgeGroups]  
    , [MotherTongue]  
    , [Male]  
    , [Female]  
FROM [dbo].[Demography_view]
```

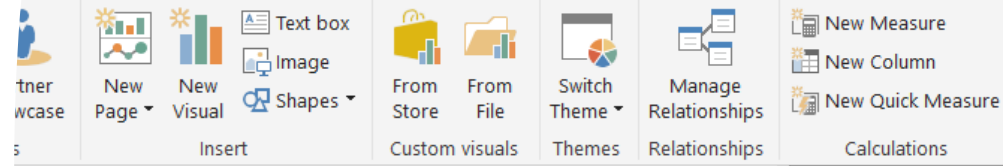
The Results pane at the bottom displays a table with the following columns: SelectedDemography, Geo, AgeGroups, MotherTongue, Male, and Female. The table contains 20 rows of data, showing population statistics for various categories in Canada.

SelectedDemography	Geo	AgeGroups	MotherTongue	Male	Female
4 Occupations in education, law and social, comm...	Canada	Total population in private households by age gr...	Total population in private households by mothe...	676550	1388130
4 Occupations in education, law and social, comm...	Canada	Total population in private households by age gr...	English	425620	825480
4 Occupations in education, law and social, comm...	Canada	Total population in private households by age gr...	French	141585	314500
4 Occupations in education, law and social, comm...	Canada	Total population in private households by age gr...	English and French	1000	2085
4 Occupations in education, law and social, comm...	Canada	0 to 14 years	Total population in private households by mothe...	0	0
4 Occupations in education, law and social, comm...	Canada	0 to 14 years	English	0	0
4 Occupations in education, law and social, comm...	Canada	0 to 14 years	French	0	0
4 Occupations in education, law and social, comm...	Canada	0 to 14 years	English and French	0	0
4 Occupations in education, law and social, comm...	Canada	15 to 24 years	Total population in private households by mothe...	50105	107370
4 Occupations in education, law and social, comm...	Canada	15 to 24 years	English	32500	69645
4 Occupations in education, law and social, comm...	Canada	15 to 24 years	French	9675	23055
4 Occupations in education, law and social, comm...	Canada	15 to 24 years	English and French	130	205
4 Occupations in education, law and social, comm...	Canada	15 to 19 years	Total population in private households by mothe...	8515	19335
4 Occupations in education, law and social, comm...	Canada	15 to 19 years	English	5665	13870
4 Occupations in education, law and social, comm...	Canada	15 to 19 years	French	1555	2705
4 Occupations in education, law and social, comm...	Canada	15 to 19 years	English and French	20	60
4 Occupations in education, law and social, comm...	Canada	20 to 24 years	Total population in private households by mothe...	41590	88035
4 Occupations in education, law and social, comm...	Canada	20 to 24 years	English	26835	55775
4 Occupations in education, law and social, comm...	Canada	20 to 24 years	French	8125	20355
4 Occupations in education, law and social, comm...	Canada	20 to 24 years	English and French	115	150

Data Modelling



Analysis Creation LIVE DEMO



Age

- Select All
- 15 to 19 years
- 20 to 24 years
- 25 to 44 years
- 45 to 64 years
- 65 years and over

Sex

- Select All
- Female
- Male

Visualizations

Values

Drag data fields here

Filters

Page level filters

- Age groups is not (Blank), 15 to 24 y
- Geog_Type is Census Division
- Sex is Male or Female

Drillthrough filters

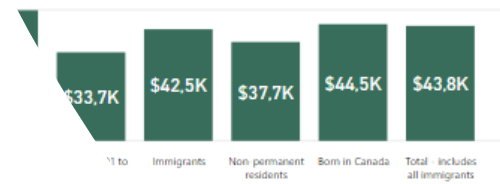
Report level filters

Drag data fields here

Population by employment status



Income, all population groups



Population groups



Report Visual Design

Clipboard: Paste, Copy, Cut, Format Painter
 External data: Get Data, Recent Sources, Enter Data, Edit Queries, Refresh
 Resources: Solution Templates, Partner Showcase
 Insert: New Page, New Visual, Image, Shapes, Text box
 Custom visuals: From Store, From File
 Themes: Switch Theme
 Relationships: Manage Relationships
 Calculations: New Measure, New Column, New Quick Measure
 Share: Publish

Population Group

- Arrived 2001 to 2005
- Arrived 2006 to 2011
- Arrived 1981 to 1990
- Arrived 1991 to 2000
- Arrived Before 1981
- Arrived 2001 to 2011
- Immigrants
- Non-permanent residents
- Born in Canada
- Total - includes all immigrants

Location
 All

Age

- Select All
- 15 to 19 years
- 20 to 24 years
- 25 to 44 years
- 45 to 64 years
- 65 years and over

Sex

- Select All
- Female
- Male

Labour participation, employment and unemployment

Population by employment status

Overall employment rate: 62.8%

Population by employment status (Donut Chart):

- Employed: 284K (63.1%)
- Not in the labour force: 135K (29.75%)
- Unemployed: 32K (7.14%)

Annual employment income

Average employment income, all population groups

Average employment income: \$36.5K

Average wages and salaries, all population groups (Bar Chart):

Category	Average Wages and Salaries (\$K)
Arrived 2001 to 2005	\$36.5K
Arrived 2006 to 2011	\$30.2K
Arrived 1981 to 1990	\$47.5K
Arrived 1991 to 2000	\$40.3K
Arrived Before 1981	\$49.8K
Arrived 2001 to 2011	\$33.7K
Immigrants	\$42.5K
Non permanent residents	\$37.7K
Born in Canada	\$44.5K
Total - includes all immigrants	\$43.8K

Visualizations

Values: Drag data fields here

Filters

Page level filters:

- Age groups is not (Blank), 15 to 24 years or Total population
- Geog_Type is Census Division
- Sex is Male or Female

Drillthrough filters: Drag drillthrough fields here

Report level filters: Drag data fields here

Fields

Search

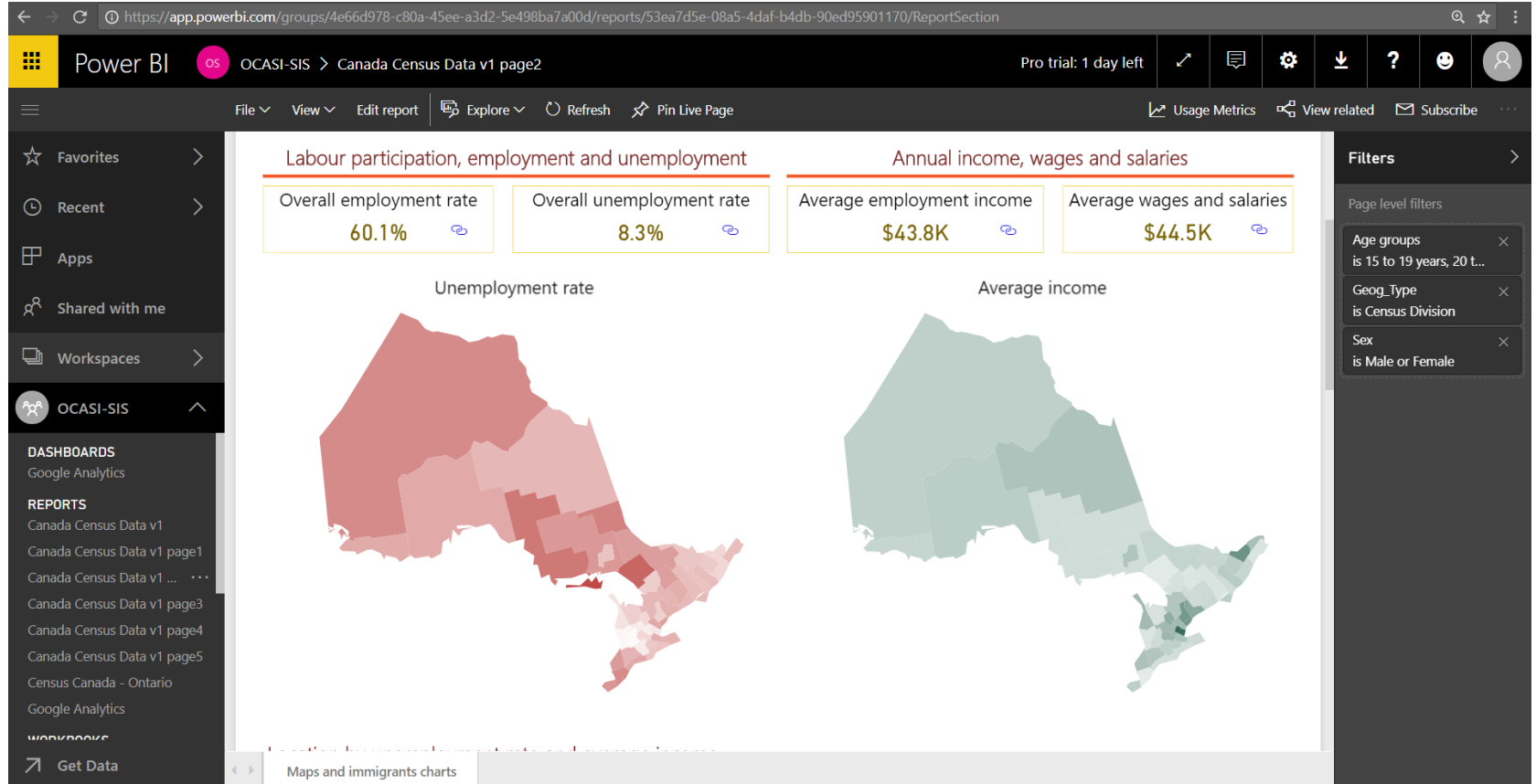
- Age Groups
- Census Division Map
- Dynamic Tooltips
- Hyperlinks
- Immigrant Status
 - Immigrant status
 - Status Business Name
- Income
 - Average employment income \$
 - Average wages and salaries \$
 - Median employment income \$
 - Median wages and salaries \$
 - With employment income
 - With wages and salaries
- Age groups
 - Average Income (\$)
 - Average Wages and Salaries (\$)
 - Geog_Type
 - Immigrant status
 - Income indicator
 - Income indicator SUM
 - Location
 - Location name
 - Population group (immigration, sex, age)
 - Sex (3)
 - Total population in 2010
 - Total Population with Income
 - Total Population with Wages
 - Wages indicator
 - Wages indicator SUM
- Labour
- Location

Immigrants Report +

PAGE 1 OF 1



Publishing to Web



Other Power BI Features



For more information about SIS
go to ocasi.sis.ngo

LogicalOutcomes – www.logicaloutcomes.net
Clouds on Mars – www.cloudsonmars.com

Questions & suggestions welcome
sis@logicaloutcomes.net