



Navigating Statistics Canada Open Data Resources

EPL Open Data Day

Delivering insight through data, for a better Canada



Statistics
Canada

Statistique
Canada

Canada

Today's reality

Rapidly changing and increasingly complex economy and society



Proliferation of data and data providers



Data revolution, ingenuity and innovation



Increased expectations and demand for “real-time” and micro/detailed data



Statistics Canada Active Projects

Aboriginal Peoples Survey	Commercial Software Price Index	Monthly Refined Petroleum Products
Aboriginal Peoples Survey - Nunavut Inuit Supplement	Commercial Stocks of Corn and Soybeans Survey	Monthly Retail Trade Survey (Department Store Organizations)
Accounting Services Price Index	Commercial Stocks of the Major Special Crops Survey	Monthly Survey of Food Services and Drinking Places
Activities of Canadian Majority-Owned Affiliates Abroad	Computer and peripherals price indexes	Monthly Survey of Large Retailers
Activities of Foreign Majority-Owned Affiliates in Canada	Construction Union Wage Rate Index	Monthly Survey of Manufacturing
Adult Correctional Services	Consulting Services Price Index	Monthly Survey of Smelters and Metal Refineries
Agricultural Water Survey	Consumer Price Index	Monthly Wholesale Trade Survey
Agriculture Frame Update Survey	Control and Sale of Alcoholic Beverages in Canada	Mushroom Growers' Survey
Agriculture Taxation Data Program	Corporations Returns Act	National Apprenticeship Survey
Agriculture Value Added Account	Corrections Key Indicator Report for Adults and Youth	National Balance Sheet Accounts
Air Passenger Origin and Destination, Canada-U.S.A.	Council of Ministers of Education, Canada	National Cannabis Survey
Air Passenger Origin and Destination, Domestic Journeys	Couriers and Messengers Services Price Index	National Fire Information Database (NFID)
Aircraft Movement Statistics	Crop Condition Assessment Program	National Graduates Survey
Airport Activity Survey	Crowdsourcing - Cannabis	National Gross Domestic Product by Income and by Expenditure Accounts
Annual Cable Television Survey	Crude Oil and Natural Gas	National Tourism Indicators
Annual Capital and Repair Expenditures Survey: Actual, Preliminary Actual and Intentions	Department of Finance	National Travel Survey
Annual Civil Aviation Survey	Digital Economy Survey	Natural Gas Transport and Distribution Annual
Annual Demographic Estimates : Subprovincial Areas	Direct Payments to Agriculture Producers	Natural Resources Canada (Glaciers)
Annual Demographic Estimates: Canada, Provinces and Territories	Electric Power Selling Price Indexes for Non-residential Customers	Net Farm Income
Annual Electric Power Generating Stations Survey	Electric Utility Construction Price Index	New Condominium Apartment Price Report
Annual Electricity Supply and Disposition Survey	Electric Utility Financial Report Annual	New Housing Price Index
Annual End-Use of Natural Gas Survey	Elementary-Secondary Education Survey	New Lending Services Price Index
Annual Greenhouse, Sod and Nursery Survey	Employment and Social Development Canada	Nova Scotia re-contact analytical file
Annual Head Office Survey	Employment and Social Development Canada, Homeless Shelters	Nunavut Government Employee Survey
Annual Income Estimates for Census Families and Individuals (T1 Family File)	Employment Insurance Coverage Survey	Nursing and Residential Care Facilities - Public
Annual Industrial Consumption of Energy Survey	Employment Insurance Statistics - Monthly	Office of the Superintendent of Bankruptcy Canada
Annual Miller's Survey	Energy Research and Development Expenditures by Area of Technology	Oil Pipeline Annual
Annual Mineral Production Survey	Entrepreneurship Indicators Database	Ontario Child Health Study
Annual Mineral Production Survey - Preliminary	Environment Canada - Temperature and Precipitation Estimates of Labour Income	Ontario First Nations Point-of-Sale Exemption Survey
	Estimates of population, by marital status or legal marital status, age and sex for July 1, Canada	Passenger Air Services Price Index
		Pension Fund Services Price Index
		Pension Plans in Canada
		Statistics Canada - National Longitudinal Study of Children



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How is Statistics Canada Adopting Open Data?

- ✓ Free of cost - All data on the Statistics Canada web is **free**
 - **Elimination** of licensing and **royalty fees** for custom data (only cost recovery)
- ✓ Free of barriers to redistribution - Adoption of [STC Open Data License](#)
- ✓ Machine readable and in reusable & downloadable formats – GIS, Excel, Beyond 20/20
- ✓ Well indexed and easy to find - Creation of **portals** and **easy to use tables**
- ✓ **Open to Use, Share and Build on**

How to Access Statistics Canada Data?



The Daily

- [In the news](#)

Business performance and ownership

Survey of Innovation and Business Strategy, 2017

In 2017, enterprises were more likely to import goods or services into Canada (38.5%) than to export them (25.0%).

[Continue reading](#) →



Building permits, December 2018

[Text](#)[Tables](#)[Related information](#)[Release schedule](#)[Previous release](#)[PDF \(258 KB\)](#)

Released: 2019-02-06

Canadian municipalities issued \$8.8 billion worth of building permits in December, up 6.0% from November and the fourth consecutive monthly increase. The gain was largely due to higher construction intentions for multi-family dwellings and commercial buildings, with both components hitting record highs.

Release(s) for March

Friday, 2019-03-01

Gross domestic product, income and expenditure
fourth quarter 2018

Friday, 2019-03-01

Gross domestic product by industry
December 2018

Wednesday, 2019-03-06

Canadian international merchandise trade
December 2018

Wednesday, 2019-03-06

Labour productivity, hourly compensation and unit labour cost
fourth quarter 2018

Thursday, 2019-03-07

Building permits

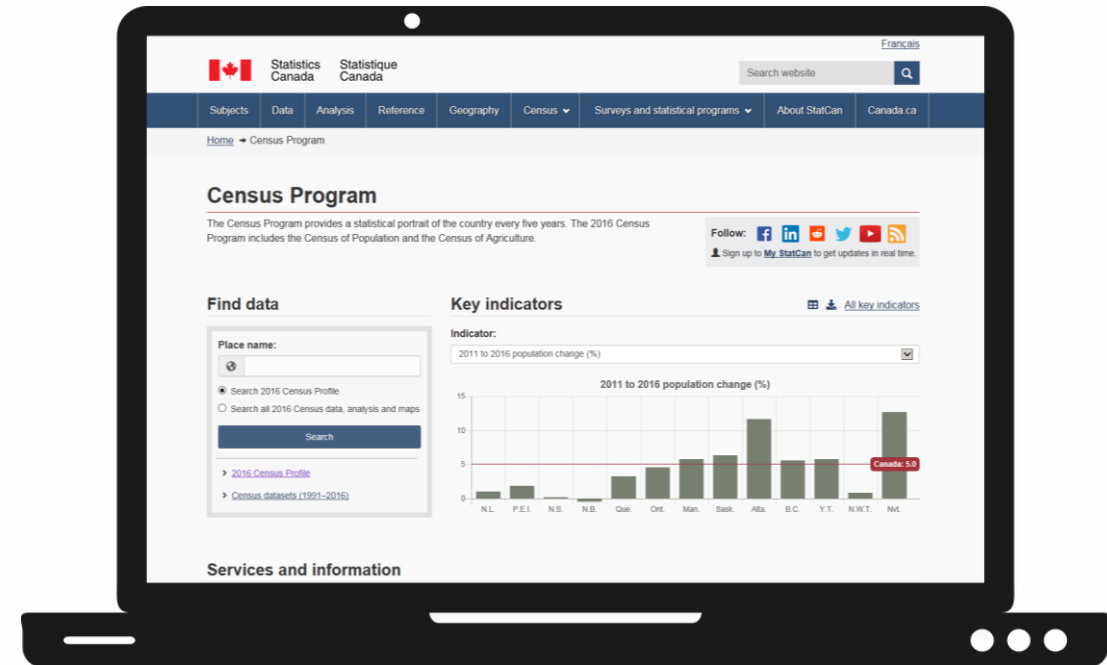
Canadian Megatrends



Canadian Megatrends explores some of the sweeping changes that have had a lasting impact on Canadian society and economy.

Census Data

- [Census Profile](#)
- [Aboriginal Population Profile](#)
- [Highlight Tables](#)
- [Census Tables \(crossing multiple variables\)](#)
- [Focus on Geography Series](#)
- [Core Housing Needs Data](#)
- [Public Use Microdata Files](#)



Applications / Data Visualization Tools

- [Canada's population clock \(real-time model\)](#)
- [Labour Market Indicators, January 2019](#)
- [Housing Market Indicators](#)
- [Cyber Security and Cybercrime in Canada, 2017](#)
- [Food Services and Drinking Places Sales](#)
- [2016 Census app](#)
- [Census Program Data Viewer](#)
- Etc.




Hubs


- [Canada and the World Statistics Hub](#)
- [Cannabis Stats Hub](#)
- [Sustainable Development Goals Data Hub](#)
(In partnership with a lot of organizations)
- [Transportation Data and Information Hub](#)
(In partnership with Transport Canada)
- [Gender, diversity and inclusion statistics](#)
- [The Agriculture Stats Hub](#)
- [Infrastructure Statistics Hub](#)



Tables

- [Data](#)

 Statistics Canada
Statistique Canada

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Subject

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- ☐ [Children and youth \(331\)](#)

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Geography

- ☐ [Canada \(3,370\)](#)
- ☐ [Province or territory \(2,281\)](#)
- ☐ [Census metropolitan area \(534\)](#)
- ☐ [Census metropolitan area part \(435\)](#)
- ☐ [Census agglomeration \(365\)](#)

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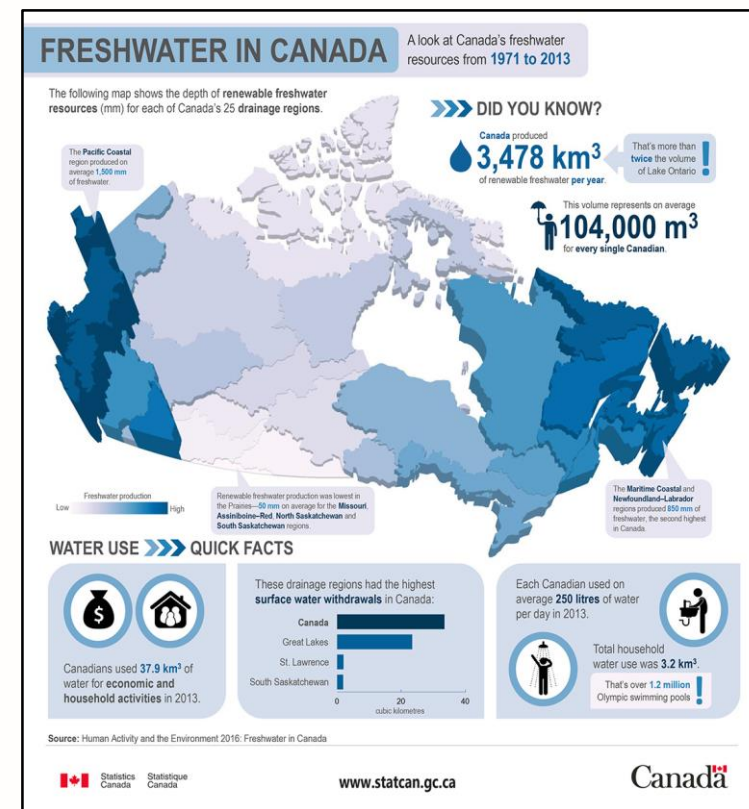
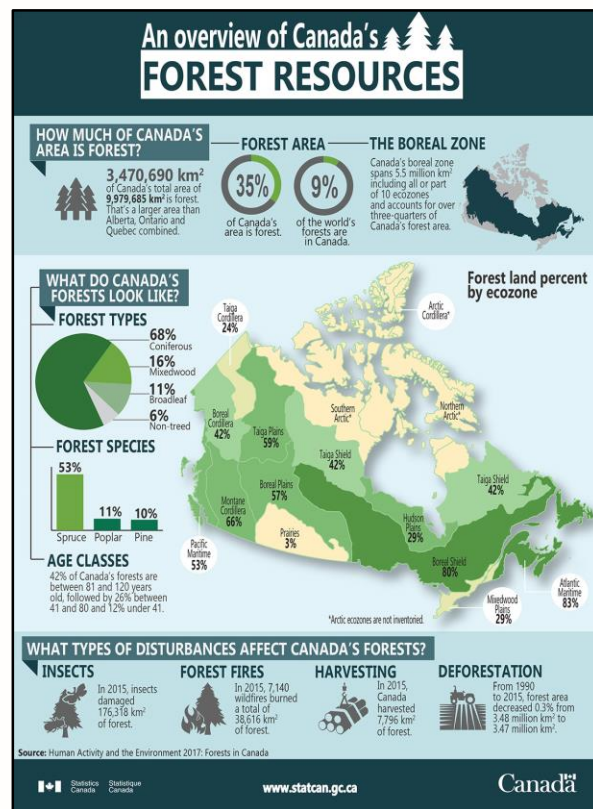
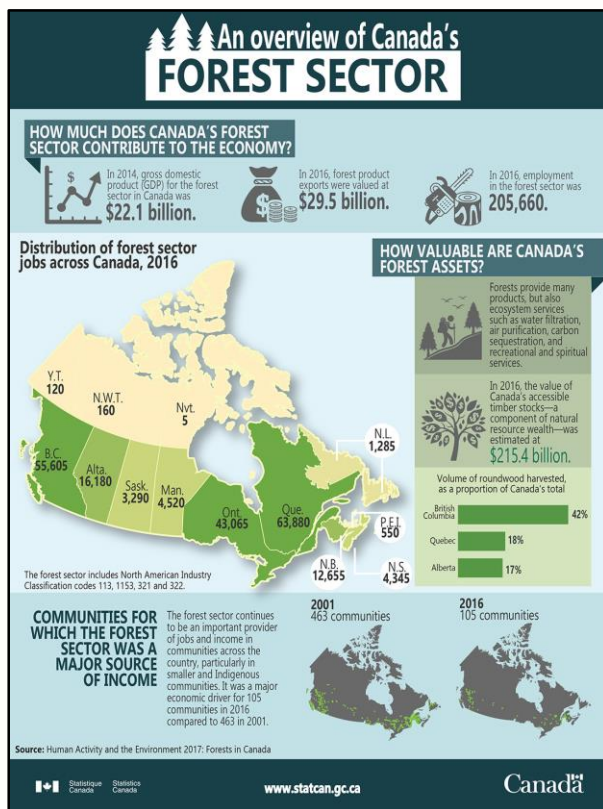
Survey or statistical program

- ☐ [Aboriginal Children's Survey \(1\)](#)
- ☐ [Aboriginal Peoples Survey \(76\)](#)
- ☐ [Absence from Work Survey \(1\)](#)
- ☐ [Access and Support to Education and Training Survey \(2\)](#)
- ☐ [Accounting Services Price Index \(3\)](#)

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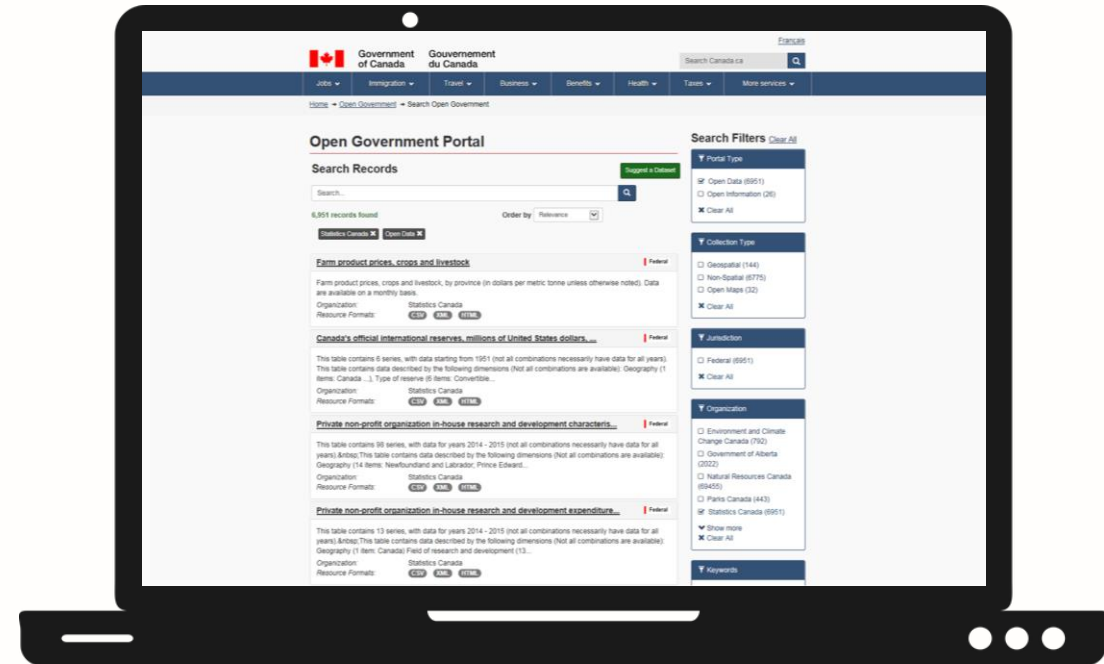
Infographics

Statistics Canada - Infographics



Other Departments' Portals featuring Statcan Data

- [Financial Performance Data](#) (Innovation, Science and Economic Development Canada)
- [Open \(Data\) Canada](#) (Government of Canada Open Portal)
- [Open \(Data\) Alberta](#) (Government of Alberta Open Portal)



The Way FORWARD

Working in
Partnership

Ethical Use
of Big Data

Maximizing
Public Good/
Results for
Canadians

Modernizing Data User Service

- Educational Programs
 - [Online Free Webinars](#)
 - [Online Free Lectures](#)
 - [In-class Workshops](#)
- Consulting & Research Services
- Aboriginal Liaison Program



How to Contact Us?

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THANK YOU!

Note of appreciation

Canada owes the success of its statistical system to a long-standing partnership between Statistics Canada, the citizens of Canada, its businesses, governments and other institutions. Accurate and timely statistical information could not be produced without their continued co-operation and goodwill.

For more information,
please visit www.statcan.gc.ca

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