

# New statistical services

Statistics Canada

Catherine Van Rompaey

Director, National Economic Accounts Division

Delivering insight through data, for a better Canada



Statistics  
Canada

Statistique  
Canada

Canada

# Modernization in Economic Statistics

## Changing the way users access our data

### CANNABIS STATS HUB

Cannabis statistics are available on the following topics:

- Health**: Cannabis's use of cannabis by age, sex, province and territory
- Justice**: Cannabis offences along with estimates of drug impaired driving
- Economy**: Household spending on cannabis, as well as production and distribution, for both medical and non-medical use
- Prices**: Consumer price of cannabis by province and territory

Please help us improve our estimates by telling us what you paid for your latest purchase of cannabis.

StatesCannabis (opens in a new window)

### Financial accounts on a from-whom-to-whom basis, third quarter 2018

Release date: December 21, 2018 | Updated on: December 21, 2018

Variables can be dragged to columns or rows of the table, or outside the table. Outside of the table, only one item of a variable can be selected.

	Domestic economy	Non-financial corporations	Financial corporations	General government	Households and non-profit institutions serving households	Non-residents
\$ millions (at market value, unadjusted)						
Domestic economy	112,497	6,462	92,628	12,610	897	18,353
Non-financial corporations	-	-	-	-	-	-
Financial corporations	-	-	-	-	-	-

### WHO INVESTS IN NOVA SCOTIA'S HOUSING MARKET?

New annual data from the Canadian Housing Statistics Program provide information on the patterns of investment in Nova Scotia's residential properties by non-residents and non-individuals for 2018.

THERE ARE ALMOST 450,000 RESIDENTIAL PROPERTIES IN NOVA SCOTIA.

- 3.9% are owned by NON-RESIDENTS of Canada.**
  - 96.1% Resident owned
  - Average assessment value: \$126,000 (non-resident owned) vs \$169,000 (resident owned)
  - Non-residents own 2.5% of the residential properties in the Halifax CMA.
  - 45.6% are single detached homes.
  - 25.3% is vacant land.
- 7.9% are owned by NON-INDIVIDUALS (e.g. businesses, governments, non-profits).**
  - 92.1% Owned by individuals
  - Non-individual owned property types:
    - Single-detached house: 23.0%
    - Semi-detached house: 2.3%
    - Row house: 1.0%
    - Condominium apartment: 4.7%
    - Property with multiple residential units: 16.6%
    - Vacant land: 50.3%
  - 40.9% of the properties owned by non-individuals are in the Halifax CMA.

### Infrastructure Statistics Hub

Release date: October 24, 2018

Investment | Stock | Economic contribution

Investment means spending by businesses or governments during a given year for the purposes of construction of structures (airports, roads, etc.), purchases of equipment (locomotives, turbines, etc.) and improvements to existing facilities, all for future use in production during more than one year.

Investment per capita by province

Canada: \$2,129 per capita (\$78,522.1 million)

2017

Filters: Geography: Canada, Industry: Total industries, Asset: Total infrastructure assets, Asset function: Total functions, Reference period: 2017

Table 1: Experimental monthly estimates of international trade in services – Seasonally adjusted

	June 2018	July 2018	August 2018	September 2018	October 2018
millions of dollars					
Total services, exports	10,008	10,044	10,039	10,009	10,206
Commercial services	6,000	6,068	6,067	6,086	6,110
Travel	2,385	2,333	2,355	2,307	2,482
Transportation	1,506	1,486	1,487	1,483	1,483
Government services	129	129	129	130	131

OVERVIEW | TRADE | INVESTMENT | EMPLOYMENT | TRAVEL

Monthly: February 2018

Ontario | Texas

Domestic exports: US\$310.7 million

Imports: US\$634.2 million

Current account: Goods, national level; Merchandise, by province and state; Services; Exporter / Importer characteristics, goods; Value added in exports; Activities of majority-owned affiliates

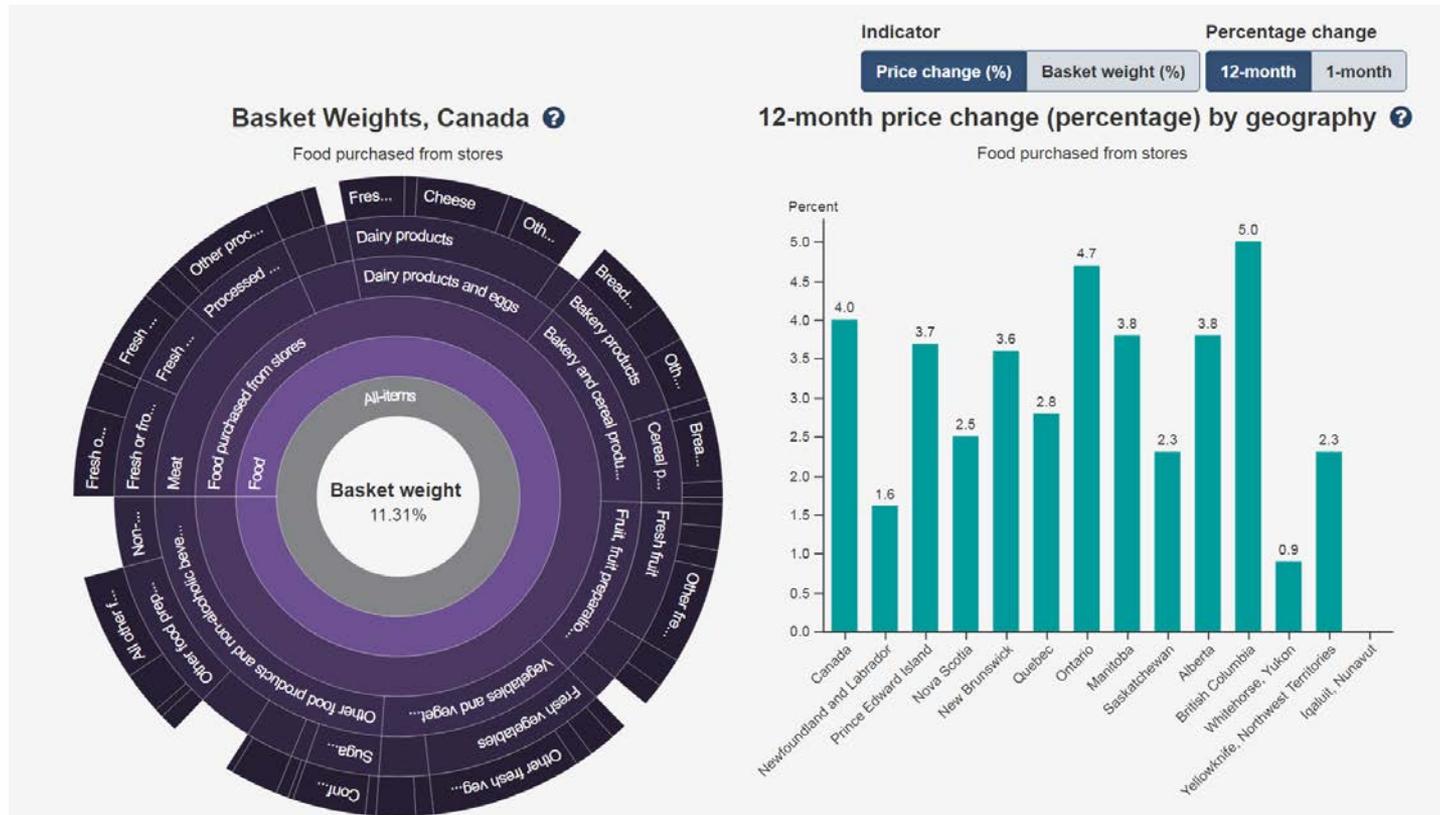
Data shown here are presented on a customs basis and are unadjusted for seasonal variation.

Source(s): CANSIM table 228-0030

Show dollars in: CANS / US\$ / Rates

# Modernization in Economic Statistics

## *Changing the way users access our data*



# Modernization in Economic Statistics

## *Online Securities by Securities Database*

Overview **Pivot table** Positions and flows Issuers and holders Net issues Notes

Variables can be dragged to columns or rows of the table, or outside the table. Outside of the table, only one item of a variable can be selected.

Reset table Transpose table Copy data

Currency All currencies ▾  
 Interest rate type All types ▾  
 Market of issuance All markets ▾  
 Original maturity All terms ▾  
 Remaining maturity Total ▾

By sector ▾  
 Positions ▾  
 Book value ▾

### Positions at book value

Periods ▾

Sector (issuer) ▾

	Q4 2017	Q1 2018	Q2 2018	Q3 2018	Q4 2018
\$ millions					
<b>All sectors</b>	4,060,232	4,160,518	4,236,919	4,245,239	4,267,586
<b>Non-financial corporations</b>	715,992	737,137	760,790	739,754	757,573
<b>Financial corporations</b>	1,800,105	1,866,381	1,900,995	1,927,402	1,916,136
<b>Other depository corporations</b>	1,062,544	1,092,282	1,123,806	1,131,075	1,130,562
<b>Other financial corporations</b>	477,896	511,443	519,106	532,803	530,468
<b>Issuers of asset backed securities</b>	45,347	46,715	45,049	46,458	44,057
<b>Insurance corporations and pension funds</b>	259,665	262,656	258,083	263,524	255,106

# Modernization at Statistics Canada

## *Democratizing data - enablers*

Data Service Centres (DSCs) offer data users a complete range of services.

### The DSCs assist data users with:

- Simple and free data requests;
- Technical and methodological questions;
- Complex requests requiring research, extraction and/or customization of data from multiple databases.

### The DSCs produce:

- Customized tables, reports, analyses and maps;
- Customized statistical capacity building activities for users of all levels of expertise through:
  - Workshops
  - Webinars
  - Newsletters
  - Presentations
  - Information sessions

### The DSC's are responsible for pro-active Outreach to build:

- Awareness
- Partnerships





# Modernization at Statistics Canada

## *Collaboration with partners*

### Satellite account development

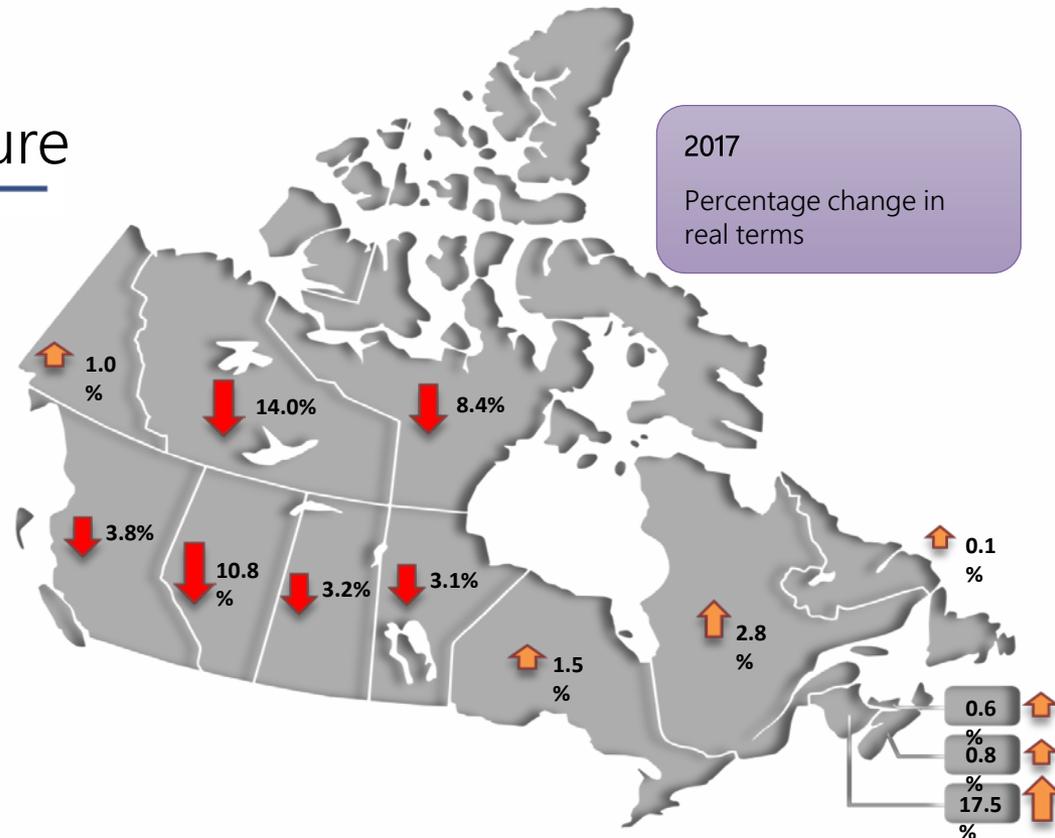
- Regional supply and use tables enable specialized satellite accounts to respond quickly to emerging policy needs, recently:
  - Natural resources
  - Clean technology
  - Digital economy
  - Legal and illegal cannabis (experimental estimates prior to legalization)
  - Infrastructure (assets, stocks and flows, economic impact)
- Timely indicators and human resource characteristics
- Linkage among accounts can increase relevance
  - Environmental accounts (e.g. GHGs, sustainable tourism)
  - Intersection among topics (e.g. Clean energy)



# Investment in infrastructure

Strongest growth by function:

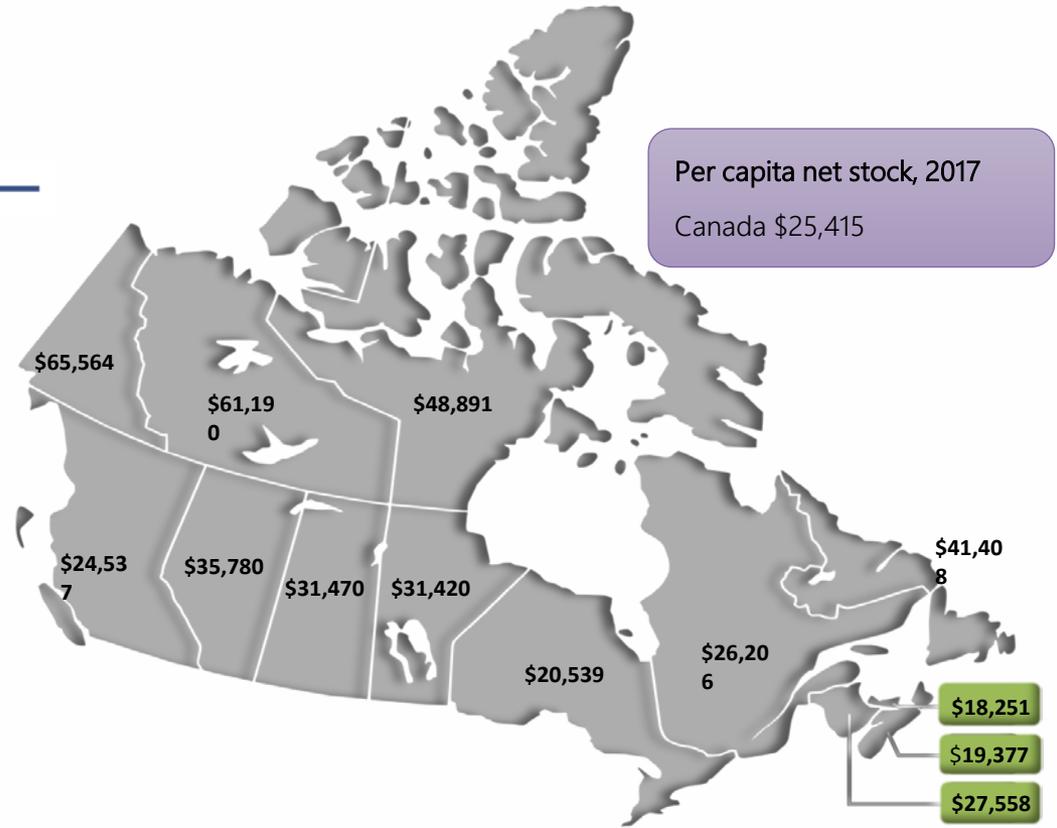
	Communication: Que., Ont.
	Recreation, culture, and religion: N.S.
	Fuel and energy: N.L., P.E.I., Que., Man., Sask., B.C., Y.T., Nvt.
	Transport: N.S., N.B., Ont., Sask., Alta., Y.T., N.W.T.
	Housing and community amenities: N.W.T.
	Environmental protection: N.S., Que., Alta.



# Infrastructure stock

Largest asset class:

	<p><b>Highway and road structures and networks</b> 9 provinces/territories</p>
	<p><b>Power distribution networks</b> Manitoba</p>
	<p><b>Power transmission networks</b> Newfoundland and Labrador</p>
	<p><b>Schools, colleges, universities and other educational buildings</b> Northwest Territories and Nunavut</p>



# Infrastructure Statistics Hub

**INFRASTRUCTURE**  
STATISTICS HUB

INVESTMENT      STOCK      ECONOMIC CONTRIBUTION

The graphic features a central purple cloud-like shape containing various infrastructure icons such as an airplane, a water tap, a radio tower, a bus, a bridge, a train, a road, and a cross. Below this, three icons represent investment (a dollar sign), stock (a line graph), and economic contribution (a person with a magnifying glass).





# Modernization at Statistics Canada

*Collaboration with partners*

## Statistics Canada's Centre for Business Special Projects

### ***Linkable File Environment (LFE)***

- Links business register, corporate tax data, payroll data, export and import register and a broad range of available business surveys
- Facilitates creation of micro datasets on Canadian enterprises
- Enables cross-sectional and longitudinal research, along with targeted policy evaluation
- When combined with program administrative data, enables detailed economic study of program outcomes



Statistics  
Canada

Statistique  
Canada

Delivering insight through data, for a better Canada

Canada

# Overview of the Linkable File Environment



# Modernization at Statistics Canada

## *Collaboration with partners*

### Statistics Canada's Centre for Business Special Projects

#### ***Linkable Open Data Environment (LODE)***

- Open microdata: a rapidly expanding underutilized source
- Non sensitive, non personal information on buildings, businesses, addresses, property values, infrastructure assets, etc.
- Authoritative sources
- Released with an open data license that encourages its use
- Harmonized and standardized data sets in development at Statistics Canada, to be made accessible under open government license



# Modernizing access to Statistics Canada's microdata

## Virtual data labs

### End-State of the Virtual Data Lab

- Supported by a High Power Computing environment on a secure Cloud, for expanded user volume
- Utilized by Trusted partners from federal, provincial and territorial researchers, academics, not-for-profits, etc.
- Increases autonomy of researchers with improved data documentation and discoverability tools
- Provides access to social, business and integrated data with appropriate confidentiality disclosure protection
- Guided by strong Governance Board for strategic direction and open, transparent communication

