ECON 3331 – International Finance

Accessing CANSIM & International Financial Statistics Databases

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From Statistics Canada, CANSIM database provides access to over 720,000 time series covering a wide variety of social and economic aspects of Canadian life.

Can be accessed via the ESTAT database and via CHASS @ the University of Toronto (see handout #2 for the strength and weaknesses of each access point).
CANSIM @ CHASS: Access Points

http://libraries.dal.ca/

Type in CANSIM for access via CHASS @ the University of Toronto.

• Economics Research Guide: http://dal.ca.libguides.com/economics
  • Course Guides
    • Econ 3331
N.B. Updated daily via a direct data feed from Statistics Canada.
Starting January 4th, 2010 the flagship Canadian database CANSIM hosted at CHASS will be updated daily via a direct data feed from Statistics Canada.

**CANSIM Multidimensional View**
- CANSIM Time Series View
- Historical versions of CANSIM

**CANSIM Multidimensionnel**
- CANSIM Séries Chronologiques
- Versions historiques de CANSIM

**Note:** Cansim Multidimensional View is the recommended interface! Cansim Time Series View uses the same data feed as Cansim Multidimensional, but displays data in the former time series view.

Data source
Source de données
Statistics Canada
Statistique Canada
Canada
You can locate CANSIM tables/series using one of the following methods:

- Text Search
- Suggested Text Search
- Browse tables by subjects
- Browse tables by keywords
- Browse tables by surveys
- Browse tables by titles/numbers
- Locate tables by table numbers or ranges
- Locate series by series numbers or ranges
- Download/Retrieve Multiple Series
CANSIM @ CHASS: Browsing by subject

- Aboriginal peoples
- Agriculture
- Business performance and ownership
- Business, consumer and property services
- Children and youth
- Construction
- Crime and justice
- Culture and leisure
  - Economic accounts
    - Balance of international payments
    - Environmental and resource accounts
    - Financial and wealth accounts
    - Government financial statistics
    - Gross domestic product
  - Income and expenditure accounts
  - Input-output accounts
  - Leading indicators
  - Productivity accounts
  - Tourism account
- Education, training and learning

Click on a subject e.g., GDP
CANSIM @ CHASS: Tables by subject

Tables by subjects

Economic accounts / Gross domestic product
(56 tables)

1. **3800015** Gross domestic product (GDP) and Gross National Product (GNP) at market prices and net national income at basic prices, quarterly (Dollars)

2. **3800030** Gross domestic product (GDP) and Gross National Product (GNP) at market prices and net national income at basic prices, annually (Dollars)

3. **3790023** Gross domestic product (GDP) at basic price in current dollars, System of National Accounts (SNA) benchmark values, by North American Industry Classification System (NAICS), annually (Dollars)

4. **3790034** Gross domestic product (GDP) at basic price in current dollars, System of National Accounts (SNA) benchmark values, special industry aggregation, American Industry Classification System (NAICS), annually (Dollars)

5. **3790017** Gross domestic product (GDP) at basic prices, by North American Industry Classification System (NAICS), annually (Dollars) - *Terminated*

*Click the table # to retrieve data*
CANSIM @ CHASS: retrieval and plot forms

Select output format

Retrieve CANSIM Vector

To retrieve a vector V647783, fill out this form and click on the Retrieve button. To reset the retrieval options to their default settings, click on the Clear button. If you wish to retrieve data for a specific time period, you can truncate the series by specifying a beginning date: 19900101 and a terminating date: 20090101 for your time series. You can also select output format:

Spreadsheet

Enter specific time period

Plot CANSIM Vector

To plot a vector V647783, fill out this form and click on the Plot button. To reset the retrieval options to their default settings, click on the Clear button. Choose the plot method from the box below for your diagram. If you wish to retrieve data for a specific time period, you can truncate the series by specifying a beginning date: 19900101 and a terminating date:

lines graph
lines graph
bars graph
lines graph with regression line

You can also select to generate graphs

Click on Retrieve or Plot to retrieve data
You can search using keywords or browse by subject.

CANSIM via Public Web


Statistics Canada

Information for...  Browse by subject  Browse by key resource  Help

Home

CANSIM

Help using this page  About CANSIM  Today's releases

CANSIM

Note:
Statistics Canada encourages the downloading and reuse of its data. Full dataset downloads are available in CANSIM - see the download tab on any CANSIM table. Please note that the high volume harvesting of data using data scraping techniques or automated crawlers which do not conform to industry best practices cannot be supported. When such activity is detected, continued access to our online content will be denied. If you require assistance or for further information please Contact us.

Search CANSIM

Enter your search terms, CANSIM table or series number(s)  All of these words  Search

Browse CANSIM by

Subject  Survey

Aboriginal peoples  Income, pensions, spending and wealth
Agriculture  Information and communications technology
Business, consumer and property services  International trade
Business performance and ownership  Labour
Children and youth  Languages
Construction  Manufacturing
Crime and justice  Population and demography
Culture and leisure  Prices and price indexes
### Select Index

- Prices and price indexes (General) (10 tables)
- Agriculture price indexes (22 tables)
- Construction price indexes (44 tables)
- Consumer price indexes (28 tables)
- Education price indexes (1 table)
- Industrial product price indexes (83 tables)
- Intercity and international price comparisons (8 tables)
- International merchandise trade price indexes (59 tables)
- Machinery and equipment price indexes (18 tables)
- Service price indexes (29 tables)
- Show all (281 tables)

<table>
<thead>
<tr>
<th>Title</th>
<th>Description</th>
<th>Table</th>
</tr>
</thead>
<tbody>
<tr>
<td>Consumer Price Index (CPI) statistics, alternative measures, unadjusted and seasonally adjusted, monthly (Percent), Nov 1979 to Jul 2014</td>
<td>Description</td>
<td>176-0003</td>
</tr>
<tr>
<td>Average retail prices for gasoline and fuel oil, by urban centre, monthly (Cents per litre), Jan 1979 to Jul 2014</td>
<td>Description</td>
<td>326-0009</td>
</tr>
<tr>
<td>Average retail prices for food and other selected items, monthly (Dollars), Jan 1995 to Jul 2014</td>
<td>Description</td>
<td>326-0012</td>
</tr>
<tr>
<td>Inter-city indexes of price differentials of consumer goods and services, annual (Index, combined city average=100), 2000 to 2012</td>
<td>Description</td>
<td>326-0015</td>
</tr>
<tr>
<td>Consumer Price Index (CPI), 2011 basket, monthly (2002=100), Jan 1914 to Jul 2014</td>
<td>Description</td>
<td>326-0020</td>
</tr>
<tr>
<td>Consumer Price Index (CPI), 2011 basket, annual (2002=100), 1914 to 2013</td>
<td>Description</td>
<td>326-0021</td>
</tr>
</tbody>
</table>
Note: By default, only data for the most recent periods available will be retrieved.

**Table 326-0021**
Consumer Price Index (CPI), 2011 basket
annual (2002=100)

The data below is a part of CANSIM table 326-0021. Use the Add/Remove data tab to customize your table.

<table>
<thead>
<tr>
<th></th>
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<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Products and product groups¹</td>
<td>Canada</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>All-Items CPI¹</td>
<td></td>
<td>114.4</td>
<td>116.5</td>
<td>119.9</td>
<td>121.7</td>
<td>122.8</td>
</tr>
<tr>
<td>Food¹</td>
<td></td>
<td>121.4</td>
<td>123.1</td>
<td>127.7</td>
<td>130.8</td>
<td>132.4</td>
</tr>
</tbody>
</table>

Click Add/Remove data to choose your data and customize output
## CANSIM via Public Web

### Step 1: Select Geography

(1 of 30 items selected)

- Quebec
- Québec, Quebec [24421]
- Montréal, Quebec [24462]
- Ontario
- Ottawa-Gatineau, Ontario part, Ontario/Quebec [35505]
- Toronto, Ontario [35535]
- Thunder Bay, Ontario [35595]

### Step 2: Select Products and Product Groups

(16 of 283 items selected)

Use the following checkboxes to select/deselect items from the list below:

- All
- All items CPI
- Food
- Food purchased from stores
- Meat
- Fresh or frozen meat (excluding poultry)

### Step 3: Select the Time Frame

By default, only data for the most recent periods available will be retrieved. You may use the lists below to select a different time frame.

From: 2009  To: 2013  (Annual data)

### Step 4: Select the Screen Output Format

- HTML table, time as columns

Series details: normal retrieval

vector identifier, plus coordinate, plus data

### Step 5

Apply  Back to original table

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**Note:** You must select at least one item from each one of the lists before clicking on Retrieve.
International Financial Statistics (IFS)

From the International Monetary Fund (IMF) the IFS database contains approximately 32,000 time series covering more than 200 countries.

http://dal.ca.libguides.com/economics
Click here to choose IFS database.

International Financial Statistics (IFS) - all aspects of international and domestic finance, with history to 1948.

Direction of Trade - value of exports and imports between countries and their trading partners, with history to 1980.
Click in each box to select country, concept, unit and time period.

Click here to retrieve your data.
### International Financial Statistics (IMF): Downloading data

Select output option to download data

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#### Columns

<table>
<thead>
<tr>
<th>Country</th>
<th>Concept</th>
<th>Unit</th>
<th>Data Source</th>
<th>Status</th>
<th>Scale</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada</td>
<td>Consumer Prices, All Items</td>
<td>Index, 2010=100</td>
<td>International Financial Statistics (IFS)</td>
<td>Published</td>
<td>Units</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>Data</td>
<td>78.722</td>
<td>81.894</td>
<td>83.538</td>
<td>85.854</td>
<td>86.223</td>
<td>88.881</td>
<td>89.850</td>
<td>93.809</td>
<td>95.880</td>
<td>97.961</td>
<td>98.254</td>
<td>100.000</td>
<td>102.912</td>
<td>104.472</td>
<td>105.452</td>
</tr>
</tbody>
</table>
Thank you for your interest

Note: These slides are posted under the title “Accessing CANSIM & International Financial Statistics databases” on the library Economics Research guide at http://libguides.library.dal.ca/content.php?pid=407&sid=7767